

TECHNICAL BULLETIN
LTB00827NAS2
22 DEC 2015



© Jaguar Land Rover North America, LLC

NOTE: The information in Technical Bulletins is intended for use by trained, professional Technicians with the knowledge, tools, and equipment required to do the job properly and safely. It informs these Technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by 'do-it-yourselfers'. If you are not a Retailer, do not assume that a condition described affects your vehicle. Contact an authorized Land Rover service facility to determine whether this bulletin applies to a specific vehicle.

This reissue replaces all previous versions. Please destroy all previous versions.

Changes are highlighted in gray

SECTION: 501-29

Ticking Noise from B-Pillar Area

AFFECTED VEHICLE RANGE:

Discovery Sport (LC)

Model Year: 2015

VIN: 500429-560001

Assembly Plant: Halewood

MARKETS:

NAS

CONDITION SUMMARY:

Situation: A 'ticking' noise may be evident from the B-pillar area.

Cause: This may be caused by the B-pillar panel clearance being incorrect.

Action: Should a customer express this concern, follow the Service Instruction below.

PARTS:

| | | |
|----------|--|-------------|
| LR061192 | Windshield - VIN 501001-523655 - Standard | Quantity: 1 |
| LR061193 | Windshield - VIN 501001-523655 - Standard and heated | Quantity: 1 |
| LR061194 | Windshield - VIN 501001-523655 - Climate control and heated | Quantity: 1 |
| LR061195 | Windshield - VIN 501001-523655 - Climate control | Quantity: 1 |
| LR061196 | Windshield - VIN 501001-523655 - Climate control with head up display | Quantity: 1 |
| LR061197 | Windshield - VIN 501001-523655 - Climate control with head up display and heated | Quantity: 1 |
| LR079642 | Windshield - VIN 523656-onwards - Standard | Quantity: 1 |
| LR079645 | Windshield - VIN 523656-onwards - Standard and heated | Quantity: 1 |
| LR079646 | Windshield - VIN 523656-onwards - Climate control and heated | Quantity: 1 |
| LR079647 | Windshield - VIN 523656-onwards - Climate control | Quantity: 1 |
| LR079648 | Windshield - VIN 523656-onwards - Climate control with head up display | Quantity: 1 |
| LR079649 | Windshield - VIN 523656-onwards - Heated with head up display | Quantity: 1 |

| | | |
|----------|------------------------|-------------|
| LR066989 | Panoramic roof clips | Quantity: 7 |
| LR078366 | Rear headliner clips | Quantity: 1 |
| LR006101 | Overhead console clips | Quantity: 2 |

WARRANTY:

 **NOTE:** an allowance equivalent approximately US\$48.60 has been allocated for locally sourcing of paint and materials and may be claimed using ZZZ001.

 **NOTE:** Repair procedures are under constant review, and therefore times are subject to change; those quoted here must be taken as guidance only. Always refer to TOPIX to obtain the latest repair time.

 **NOTE:** DDW requires the use of causal part numbers. Labor only claims must show the causal part number with a quantity of zero.

| DESCRIPTION | SRO | TIME (HOURS) | CONDITION CODE | CAUSAL PART |
|--|--------------------|--------------|----------------|-------------|
| B-pillar upper panel 'tick' - Right - Repair | 76.10.89.21 | 0.1 | 12 | LR061697 |
| B-pillar upper panel 'tick' - Left - Repair | 76.10.89.23 | 0.1 | 12 | LR061697 |
| B-pillar upper panel 'tick' - Pair - Repair | 76.10.89.24 | 0.2 | 12 | LR061697 |
| B-pillar upper panel 'creak' - Pair - Repair | 76.10.89.25 | 5.3 | 12 | LR061697 |

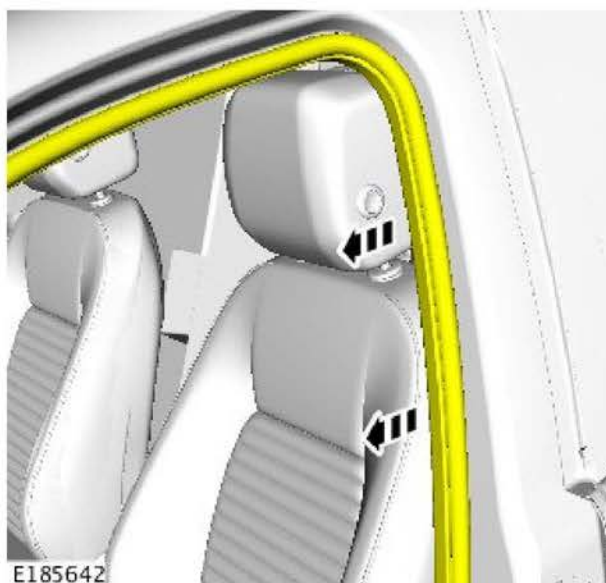
 **NOTE:** Normal Warranty procedures apply.

SERVICE INSTRUCTION:

Steps 1-9: B-pillar upper panel 'tick' noise repair.

1  **NOTE:** repeat this step on both sides of the vehicle if required.

Move aside the front door aperture seal from the B-pillar.



2  **WARNING:** make sure no damage is caused to the vehicle.

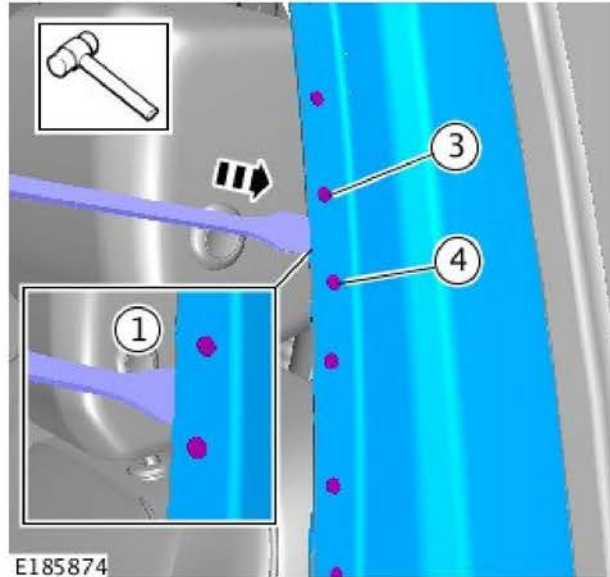
⚠ WARNING: a suitable chisel with a blade width of no more than 12mm and a maximum thickness of 5mm must be used to complete this Service Instruction.

⚠ WARNING: the chisel must be able to fit between the two spot welds when inserted without damaging the spot welds.

△ NOTE: repeat this step on both sides of the vehicle if required.

Using a suitable hammer, insert the chisel between the between third and the fourth spot welds of the B-pillar inner panel and the B-pillar reinforcement panel to a maximum depth of 10mm.

- Insert the chisel a maximum of 10mm (1).



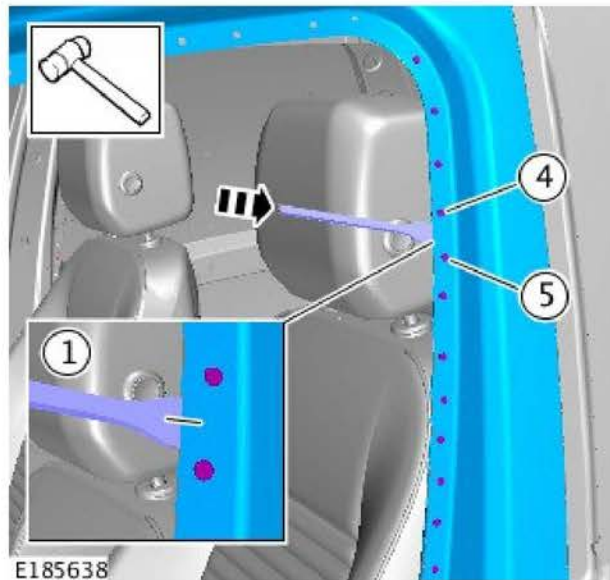
3 ⚠ WARNING: make sure no damage is caused to the vehicle.

⚠ WARNING: the chisel must be able to fit between the two spot welds when inserted without damaging the spot welds.

△ NOTE: repeat this step on both sides of the vehicle if required.

Using a suitable hammer, insert the chisel between the fourth and fifth spot welds of the B-pillar inner panel and the B-pillar reinforcement panel to a maximum depth of 10mm.

- Insert the chisel a maximum of 10mm (1).



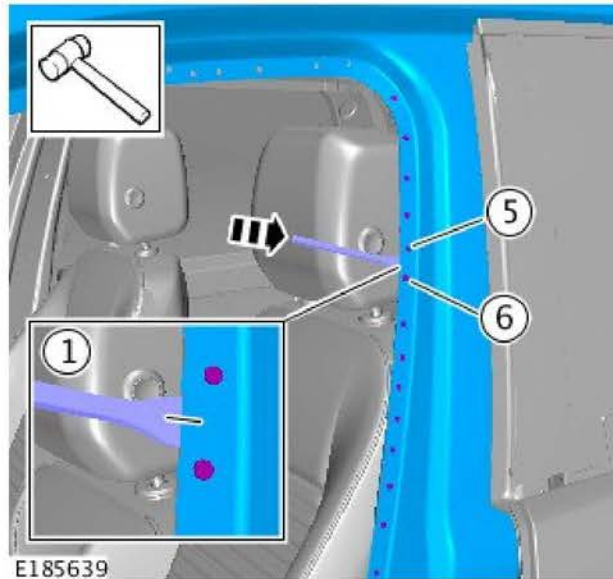
4 ⚠ WARNING: make sure no damage is caused to the vehicle.

⚠ WARNING: the chisel must be able to fit between the two spot welds when inserted without damaging the spot welds.

△ NOTE: repeat this step on both sides of the vehicle if required.

Using a suitable hammer, insert the chisel fifth and sixth spot welds of the inner B-pillar inner panel and the B-pillar reinforcement panel to a maximum depth of 10mm. .

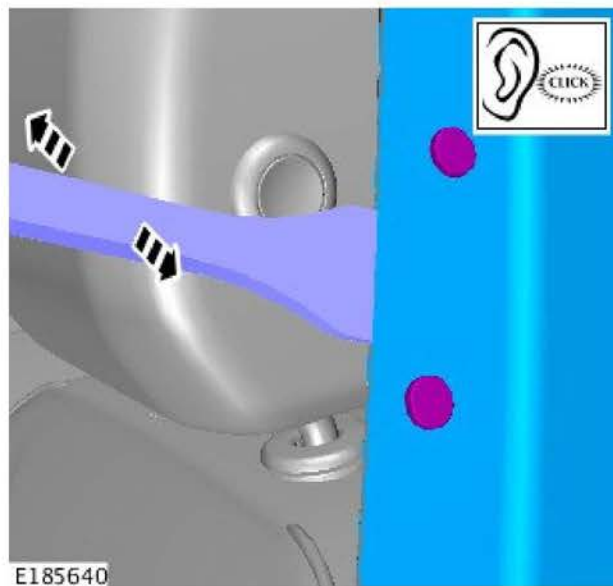
- Insert the chisel to a maximum of 10mm (1).



- 5**  **WARNING: make sure no damage is caused to the vehicle.**

 **NOTE: repeat this step on both sides of the vehicle if required.**

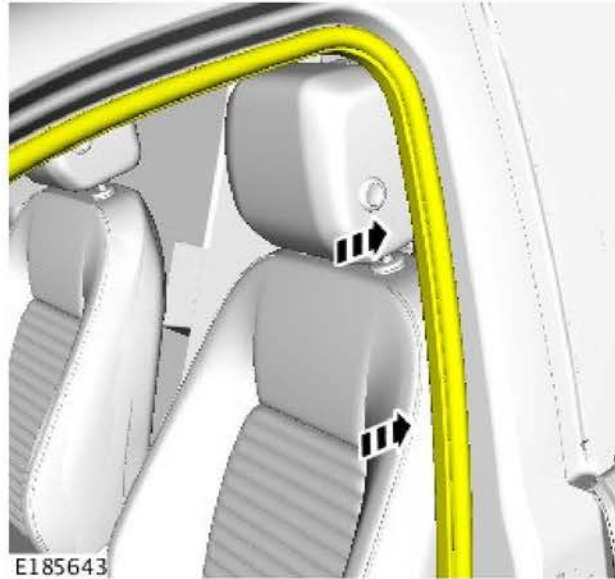
To separate the E-coat between the B-pillar inner and the B-pillar reinforcement panel, move the chisel from side to side between the fifth and sixth spot welds of the inner B-pillar inner panel and the B-pillar reinforcement panel until an audible 'click' is heard.



- 6**  **WARNING: make sure no damage is caused to the vehicle.**

 **NOTE: repeat this step on both sides of the vehicle if required.**

Remove the chisel from the B-pillar.



9 Road test the vehicle to see if the 'ticking' noise is no longer evident.

- If the ticking noise is no longer evident, return the vehicle to the customer.
 - No further action required.
- If the ticking noise still evident, continue from **Step 10** of this Service Instruction.

Steps 10-21: B-pillar upper panel 'creak' noise repair.

 **NOTE: a locally sourced zinc-rich primer must be applied to any bare metal surfaces.**

 **NOTE: any joints sealed as part of the vehicle manufacture must be sealed as part of the repair.**

10 Make sure that you are aware of all Health and Safety requirements (see TOPIX Workshop Manual section 100-00: General Information - Health and Safety Precautions).

11  **CAUTION: use suitable welding blankets to protect the vehicle from any damage before continuing with this bulletin.**

 **CAUTION: make sure no damage is caused to any part of the vehicle.**

Remove the Side Air Curtain Module (see TOPIX Workshop Manual, section 501-20B: Supplemental Restraint System > Side Air Curtain Module).

12 Identify the three spot welds to be drilled.

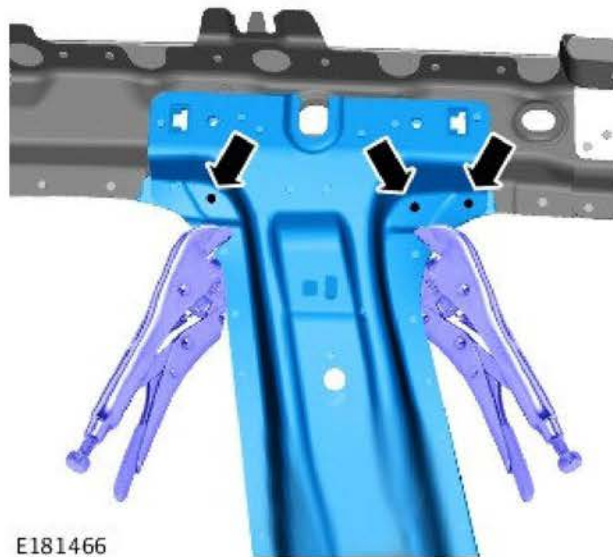


E182072

- 13  **CAUTION:** make sure no damage is caused to any part of the vehicle.

 **NOTE:** repeat this step on both sides of the vehicle.

Make sure the spot welds that are to be drilled are visible when installing the suitable clamps to the B-pillar.

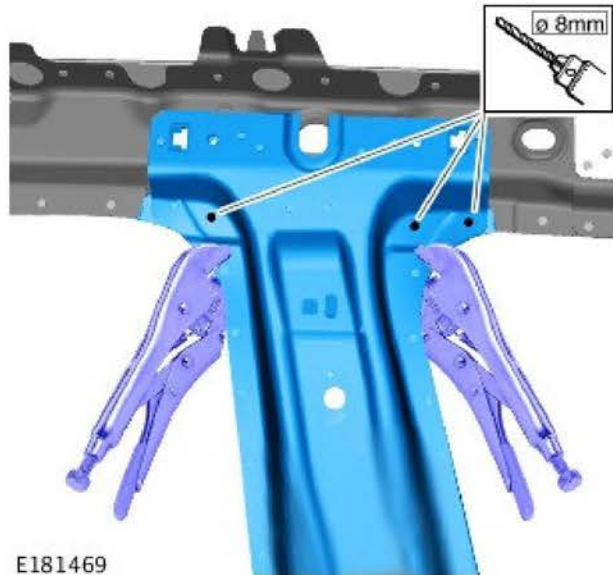


E181466

- 14  **CAUTION:** make sure no damage is caused to any part of the vehicle.

 **NOTE:** repeat this step on both sides of the vehicle.

Drill the three spot welds to the correct depth of 2.5mm.



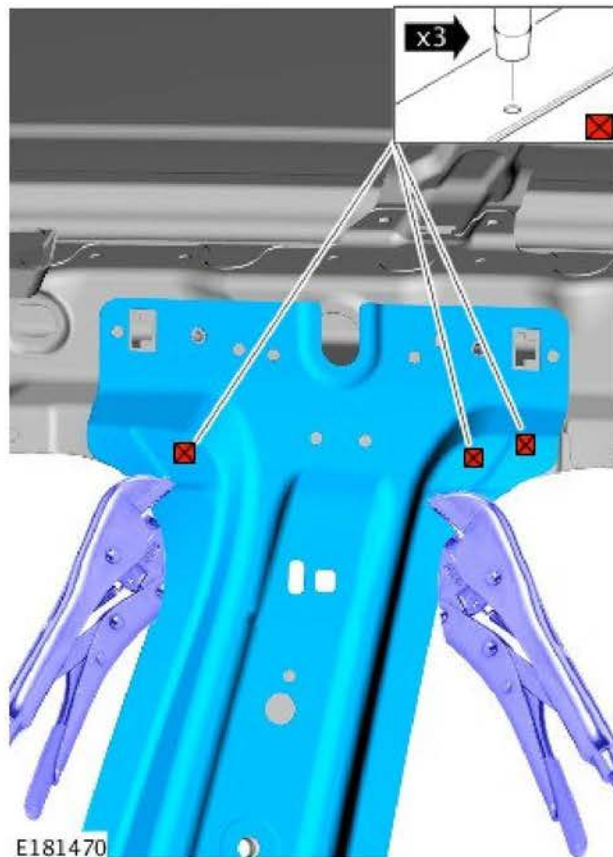
E181469

15  **CAUTION:** make sure no damage is caused to any part of the vehicle.

 **NOTE:** repeat this step on both sides of the vehicle.

 **NOTE:** make sure corrosion protection is applied to all areas affected by the repair.

Metal Inert Gas (MIG) weld the three drilled holes.



E181470

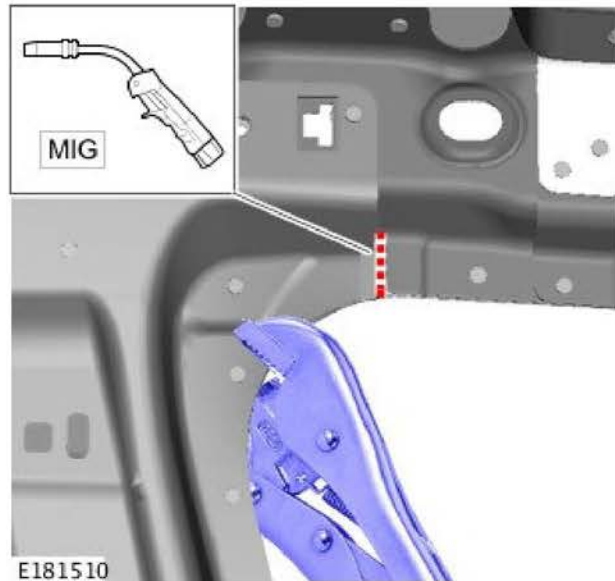
16  **CAUTION:** make sure no damage is caused to any part of the vehicle.

 **NOTE:** repeat this step on both sides of the vehicle.

 **NOTE:** make sure corrosion protection is applied to all areas affected by the repair.

MIG seam weld the B-pillar in the area shown.

- Make sure the area between the B-pillar and the inner B-pillar is completely MIG welded in the area shown.

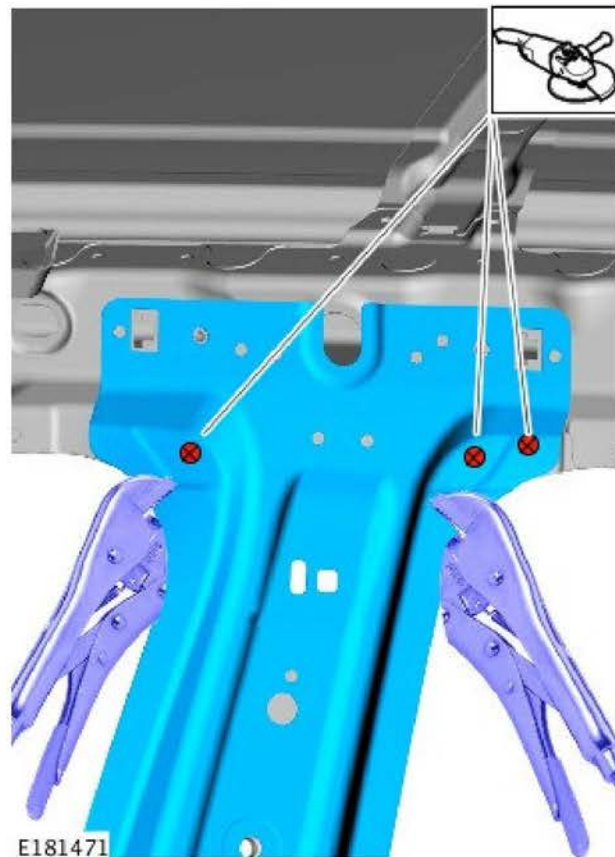


17  **CAUTION:** make sure no damage is caused to any part of the vehicle whilst grinding.

 **NOTE:** repeat this step on both sides of the vehicle.

 **NOTE:** make sure corrosion protection is applied to all areas affected by the repair.

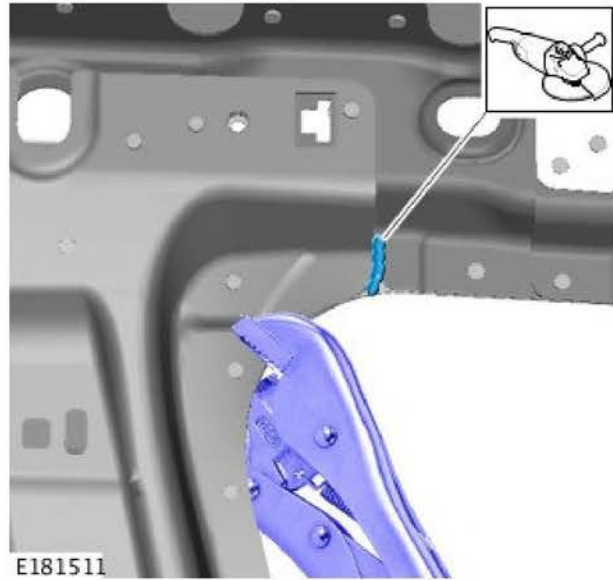
Grind away any excess material where the vehicle has been MIG welded.



18  **CAUTION:** make sure no damage is caused to any part of the vehicle.

 **NOTE:** repeat this step on both sides of the vehicle.

Grind away any excess material where the vehicle has been MIG welded.

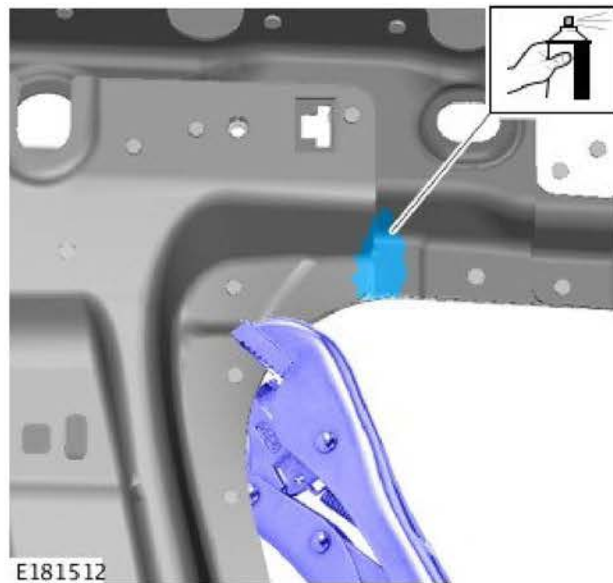


19  **CAUTION:** make sure no damage is caused to any part of the vehicle.

 **NOTE:** repeat this step on both sides of the vehicle.

 **NOTE:** make sure corrosion protection is applied to all areas affected by the repair.

Use a suitable corrosion protection to cover the repaired area.

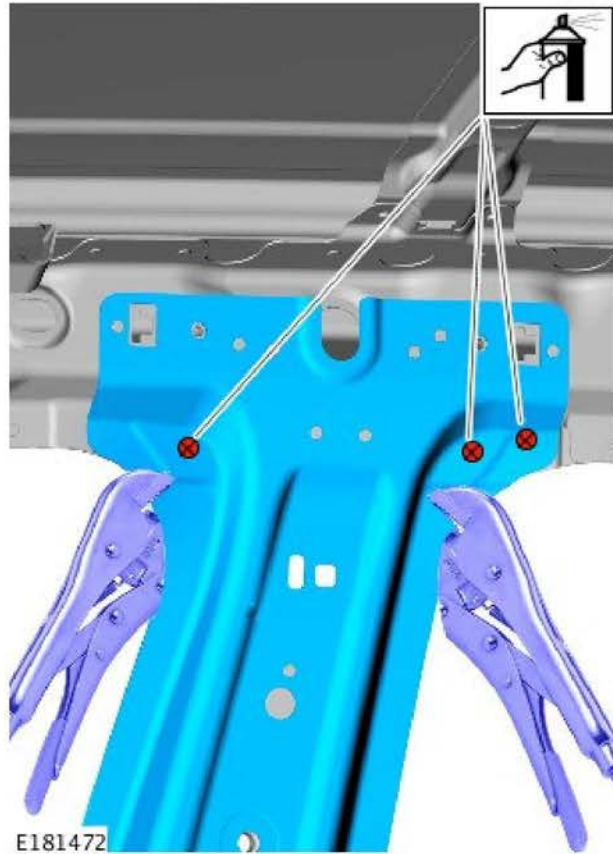


20  **CAUTION:** make sure no damage is caused to any part of the vehicle.

 **NOTE:** repeat this step on both sides of the vehicle.

 **NOTE:** make sure corrosion protection is applied to all areas affected by the repair.

Use a suitable corrosion protection to cover the repaired area.



21 Install the Side Air Curtain Module (see TOPIX Workshop Manual section 501-20B: Supplemental Restraint System > Side Air Curtain Module).