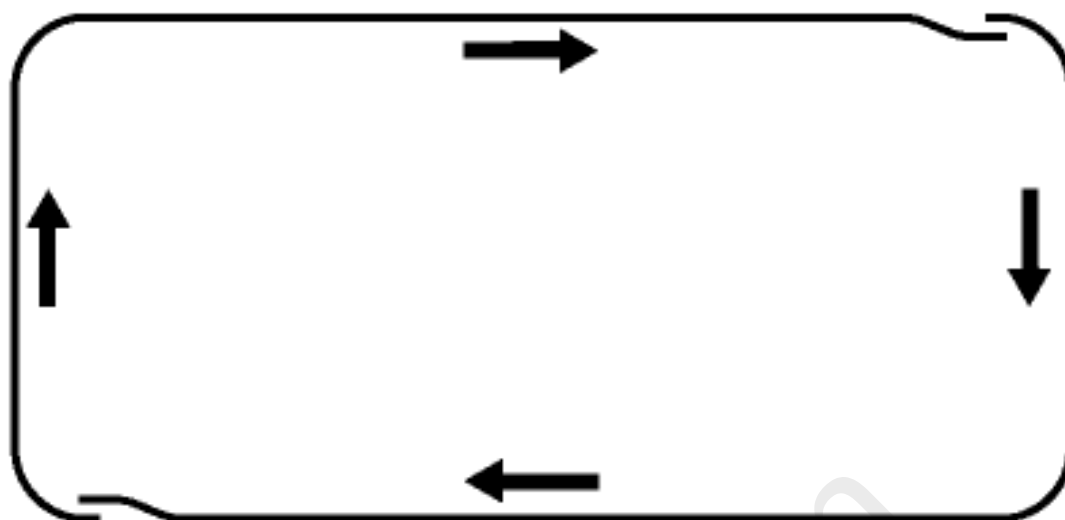




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Note:



After laying down the cement bead, immediately fit the window or sunroof mechanism to the vehicle.



Repair-50x04x01x05-02x21-1-1-1.xml



WINDOW DETACHMENT: DESCRIPTION



Note, one or more warnings are present in this procedure



Special tooling required

Wire insertion tool for removing bonded mirror glass.	Car. 1033
Universal protector	Car. 1847

1. PREPARATION



WARNING

Wear protective gloves and goggles when cutting the window or sunroof operating mechanism.

Use an appropriate work station when replacing a window or sunroof mechanism.

Protect the vehicle interior.

Remove the various trims and interior and exterior equipment (see the MR of vehicle concerned).

Protect the bodywork around the window using masking tape.

Position the universal guardUniversal protector ([Car. 1847](#)) or remove the upper section of the dashboard (according to vehicle).

2. CUTTING

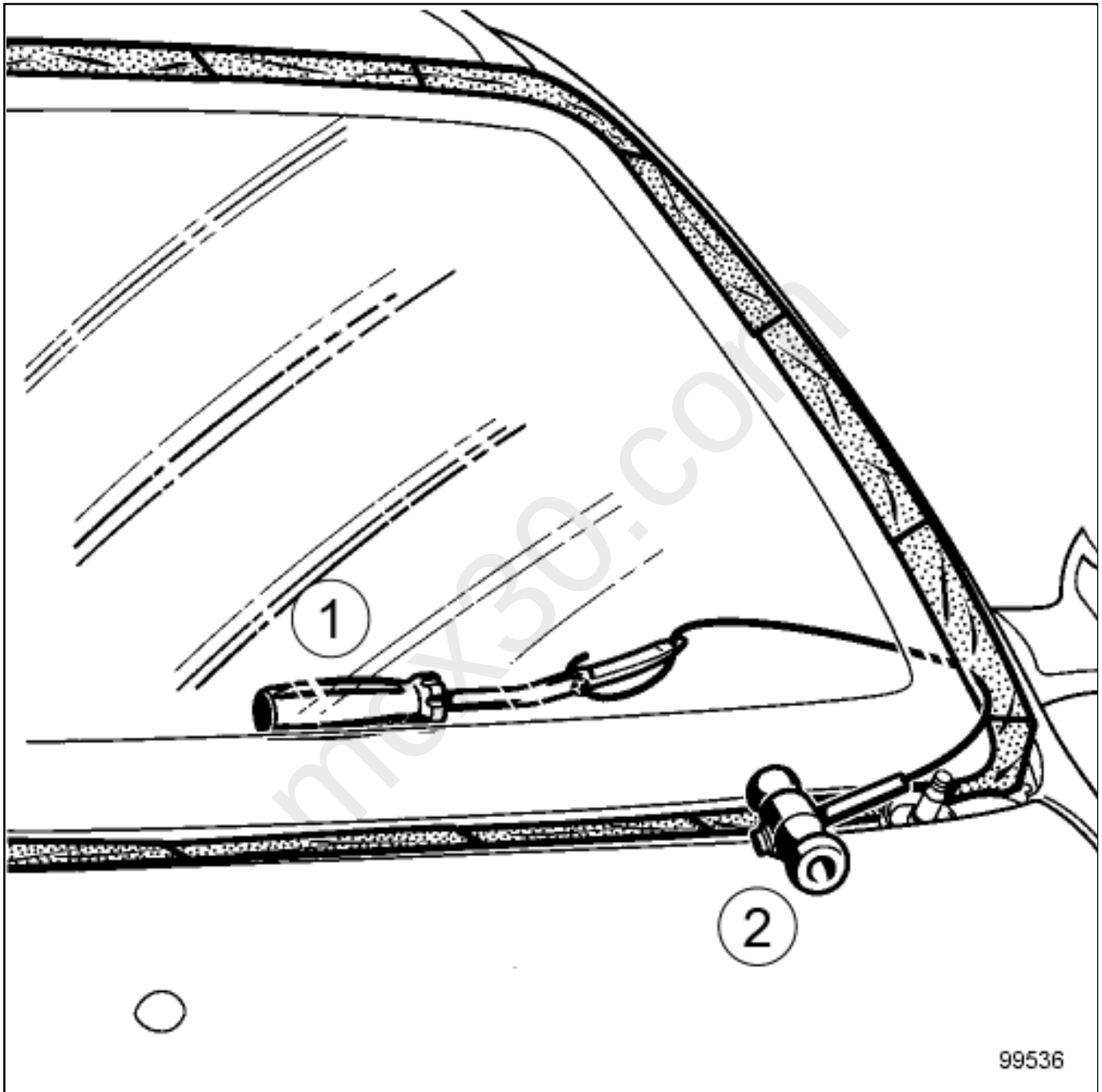
1- FIRST PROCEDURE

Make a hole in the cement bead with a wire insertion tool.

Note:



Place the wire insertion tool into the most accessible part of the window or sunroof mechanism.



The first person places the retaining tool(1) on the cement bead, from inside the vehicle at approximately 300 mm from where the wire passes through.

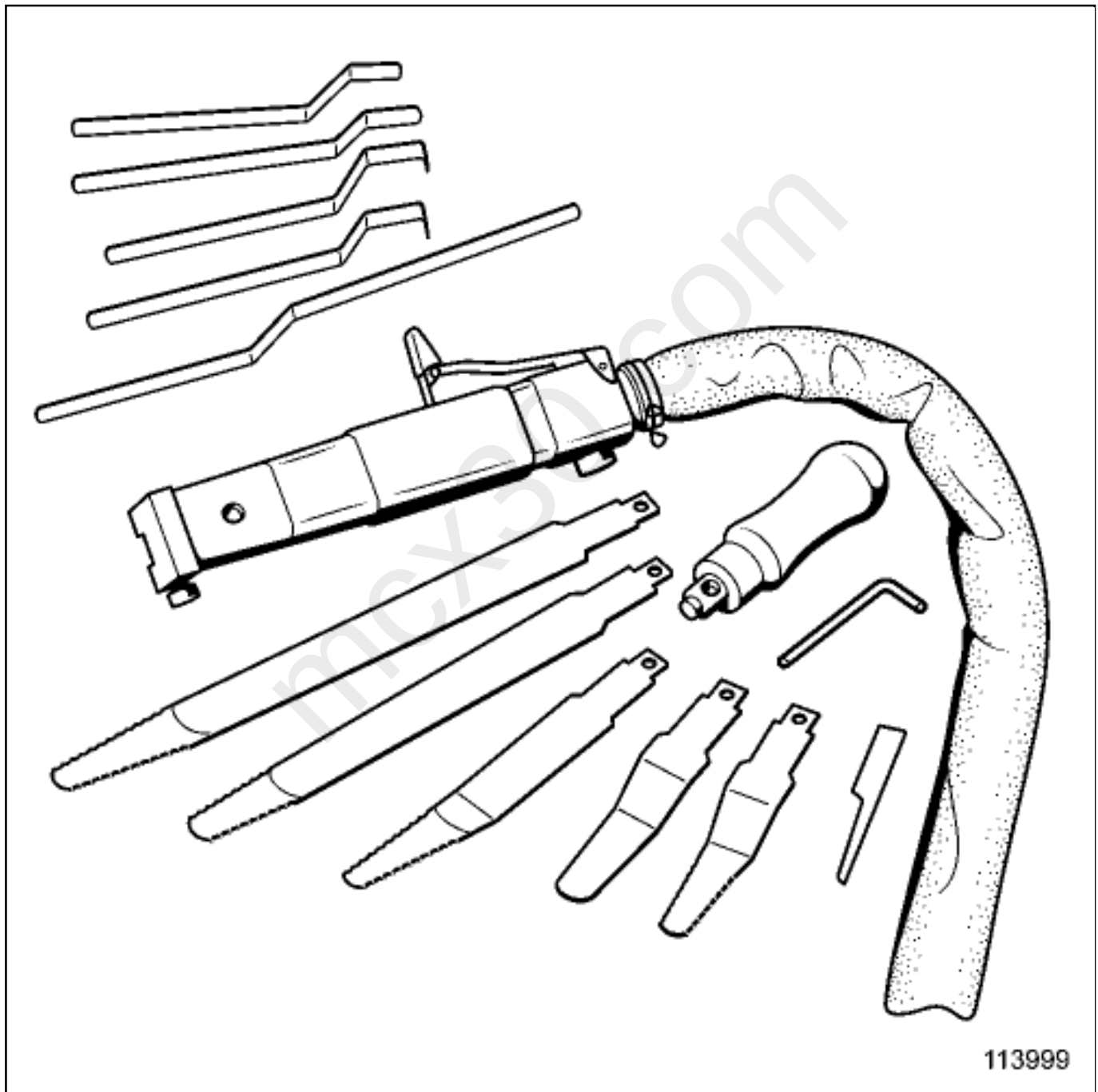
The second person pulls the pulling handle(2) from outside the vehicle towards the first person's tool.

Repeat this operation until the cement bead has been completely cut.



CAUTION

To prevent any bonded component from being damaged during the cutting operation, make sure that the wire does not damage the parts near the cement bead.



Part no.: 77 11 171 946

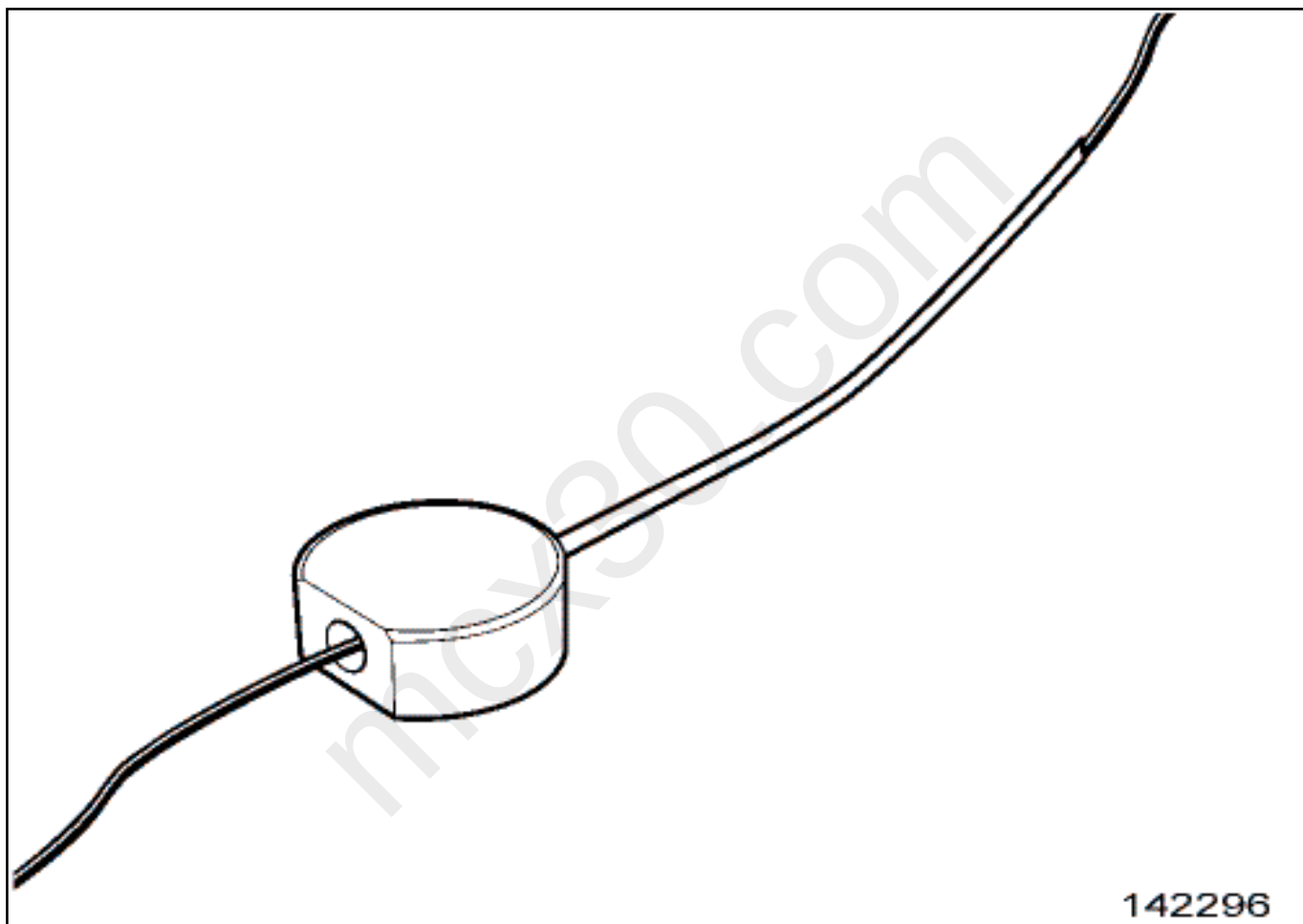
The cement bead can be cut using a pneumatic cutting tool([see 54A, Windows, Window removal tool: Use](#)) .

2- SECOND PROCEDURE



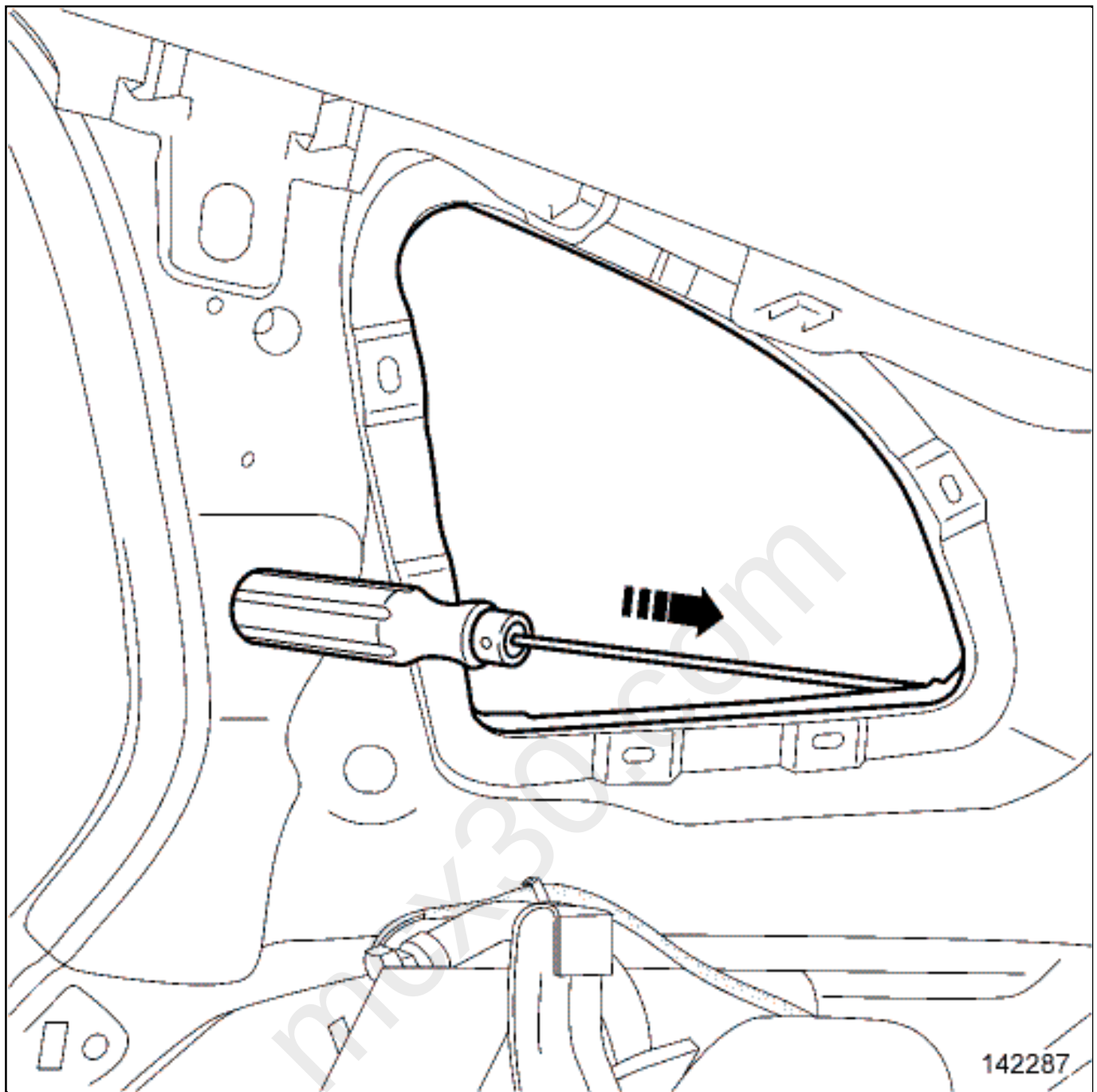
Note:

Use a cutting wire with a square cross-section.

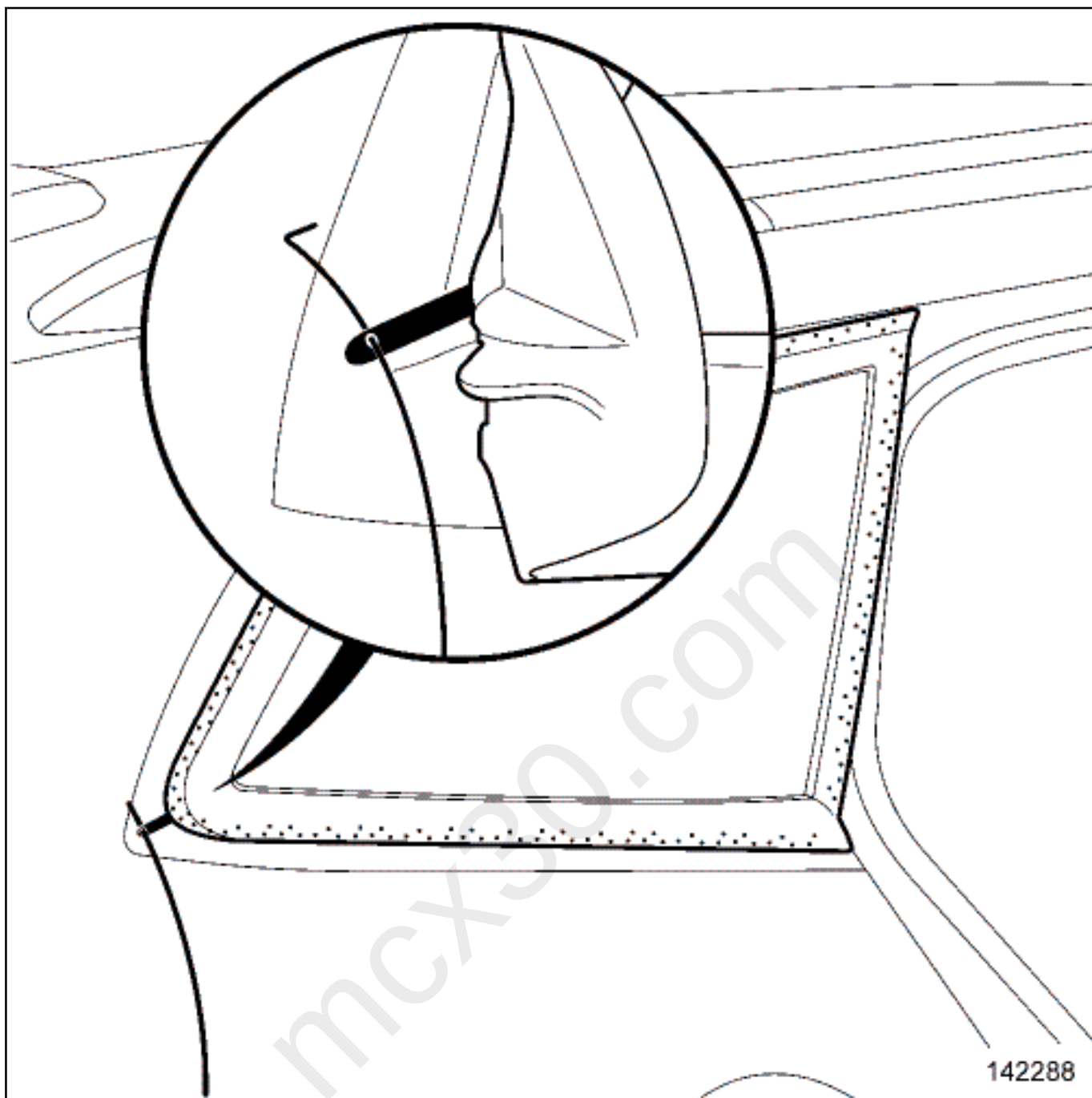


Part no.: 77 11 171 909

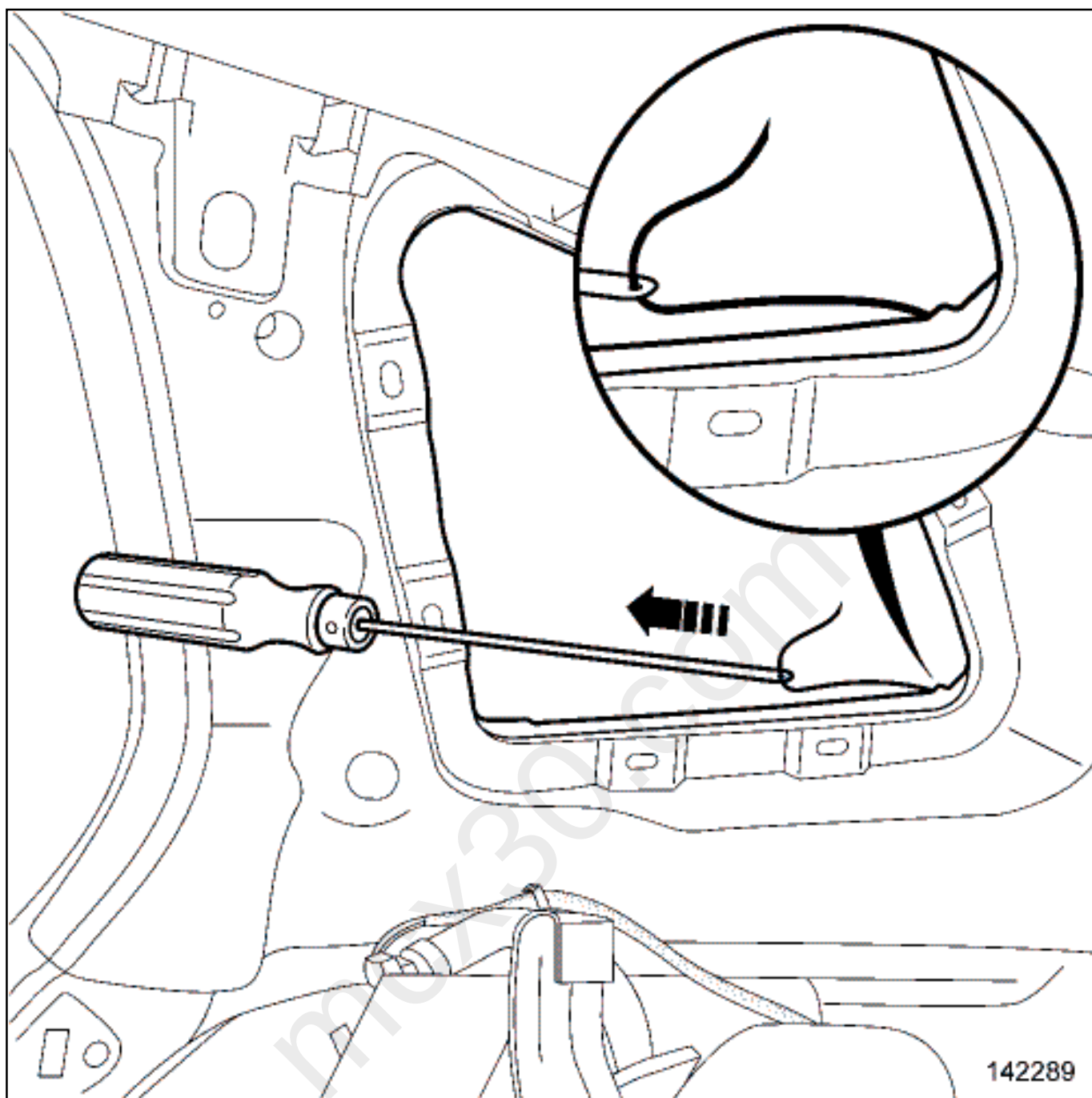
Insert the cutting wire in the wire insertion tool, or in a small 2.5 mmdiameter tube.



Using the Wire insertion tool for removing bonded mirror glass.(Car. 1033) , pierce the cement bead of the window at the most accessible place.

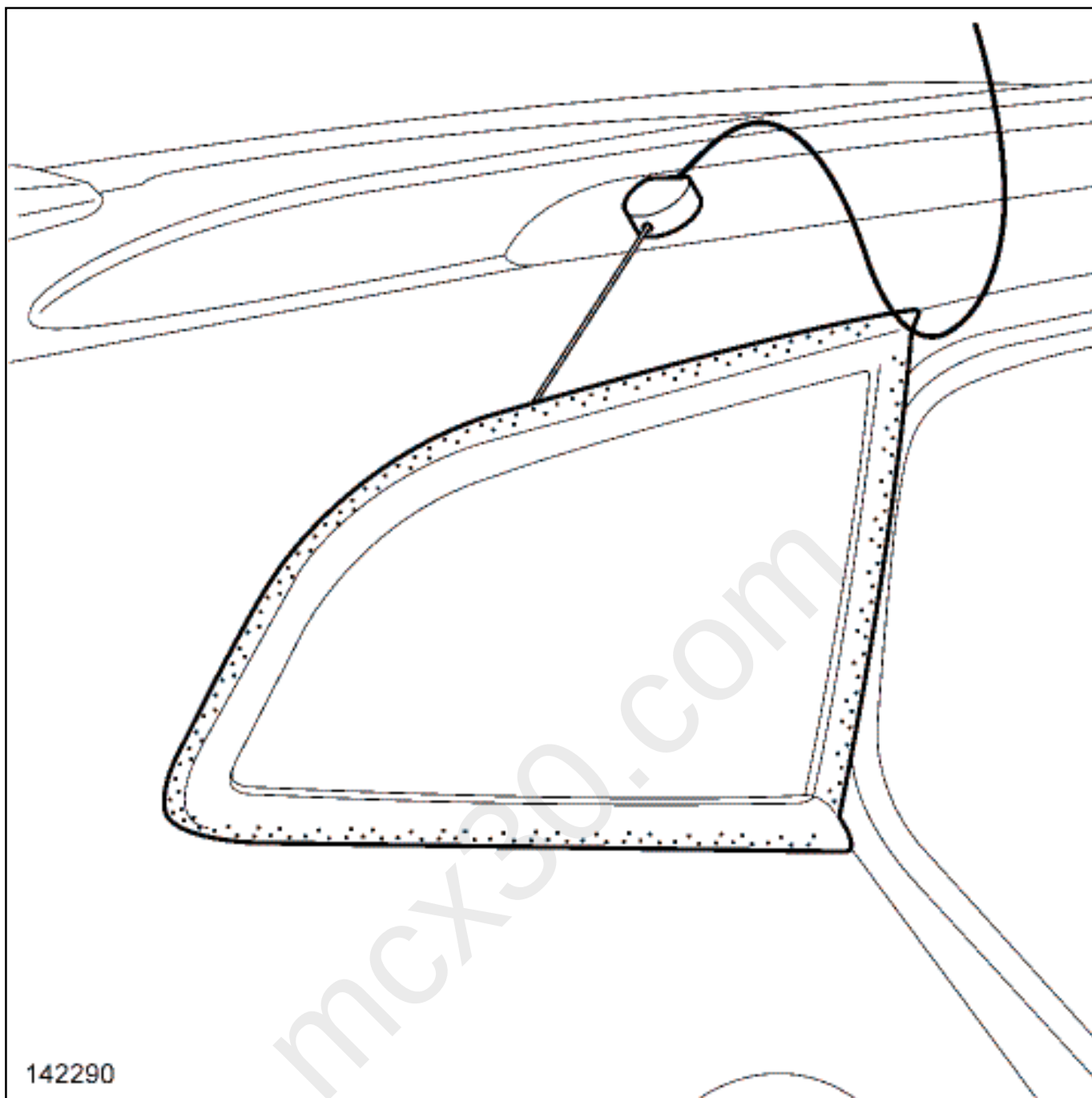


Insert the cutting wire in the Wire insertion tool for removing bonded mirror glass. (Car. 1033) .



Pass the cutting wire from the exterior towards the interior using the Wire insertion tool for removing bonded mirror glass.(Car. 1033) .

Fit the first pulling handle on the section of the cutting wire inside the vehicle.



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Using the wire insertion tool, slide the cutting wire between the rear quarter panel window and the panelwork around the entire edge outside the vehicle.

Cut a sufficient length of cutting wire.

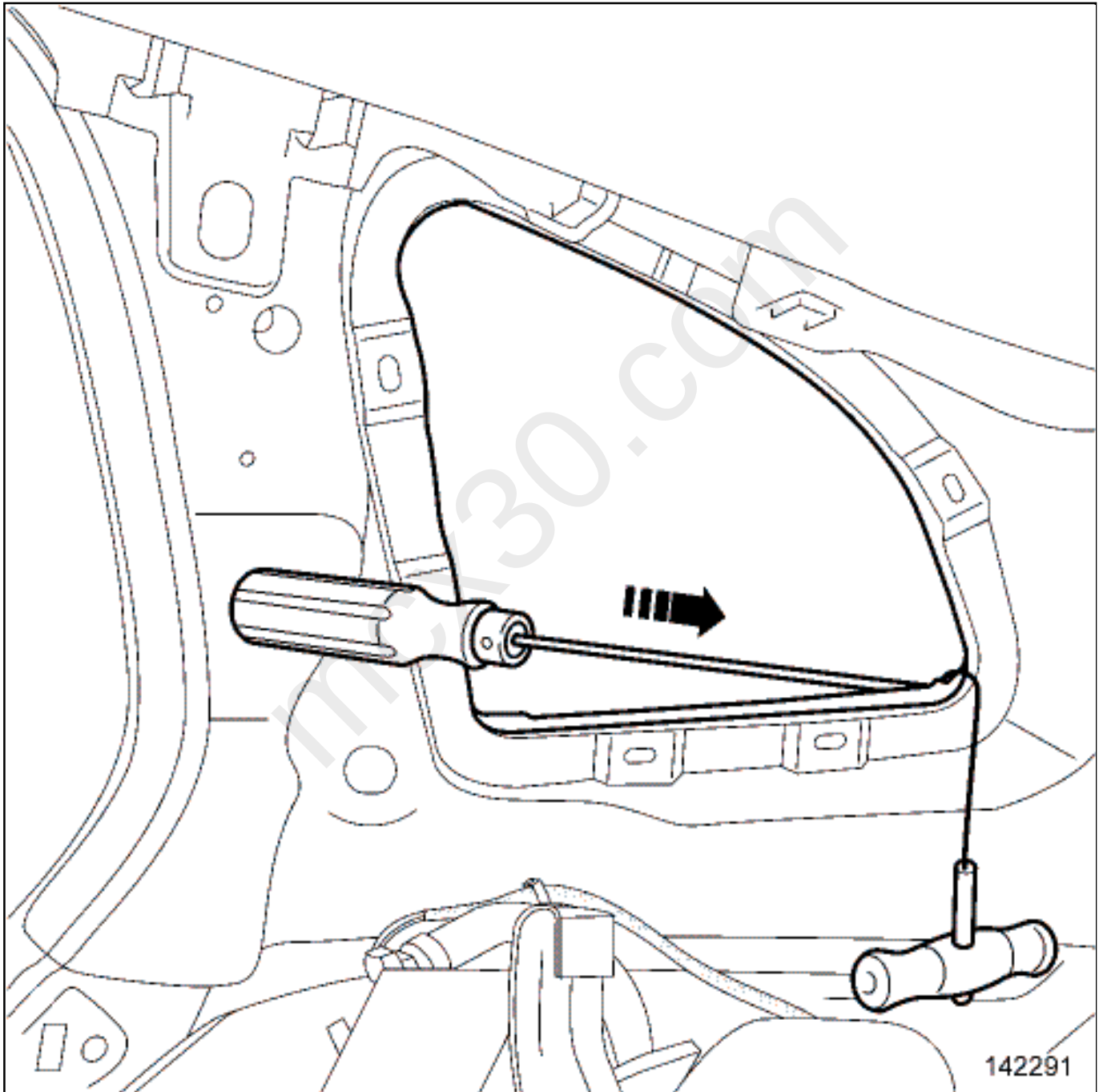
Remove the cutting wire insertion tool.

Note:

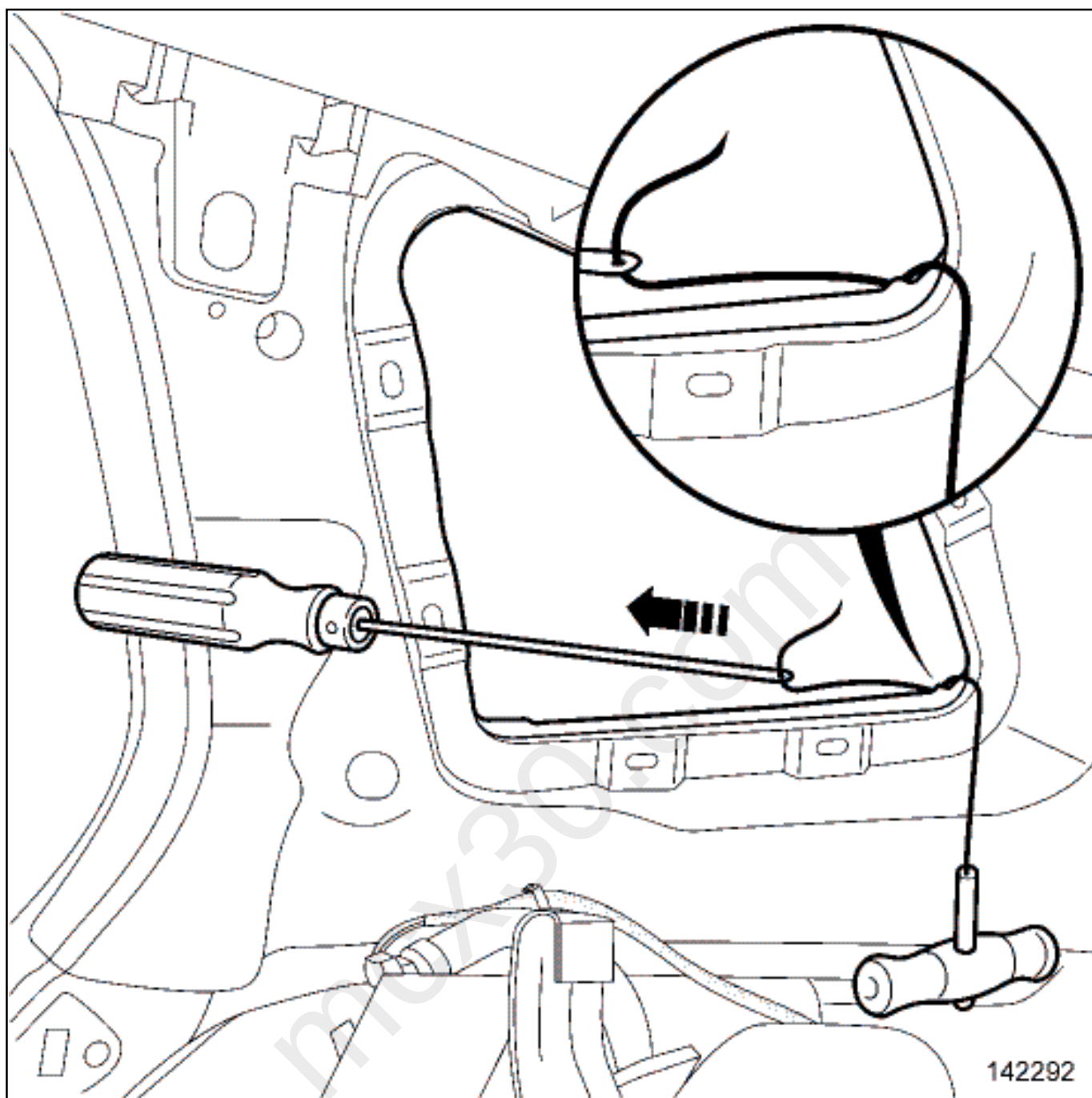


When passing the cutting wire into the vehicle interior, be careful not to cross the 2 wires.

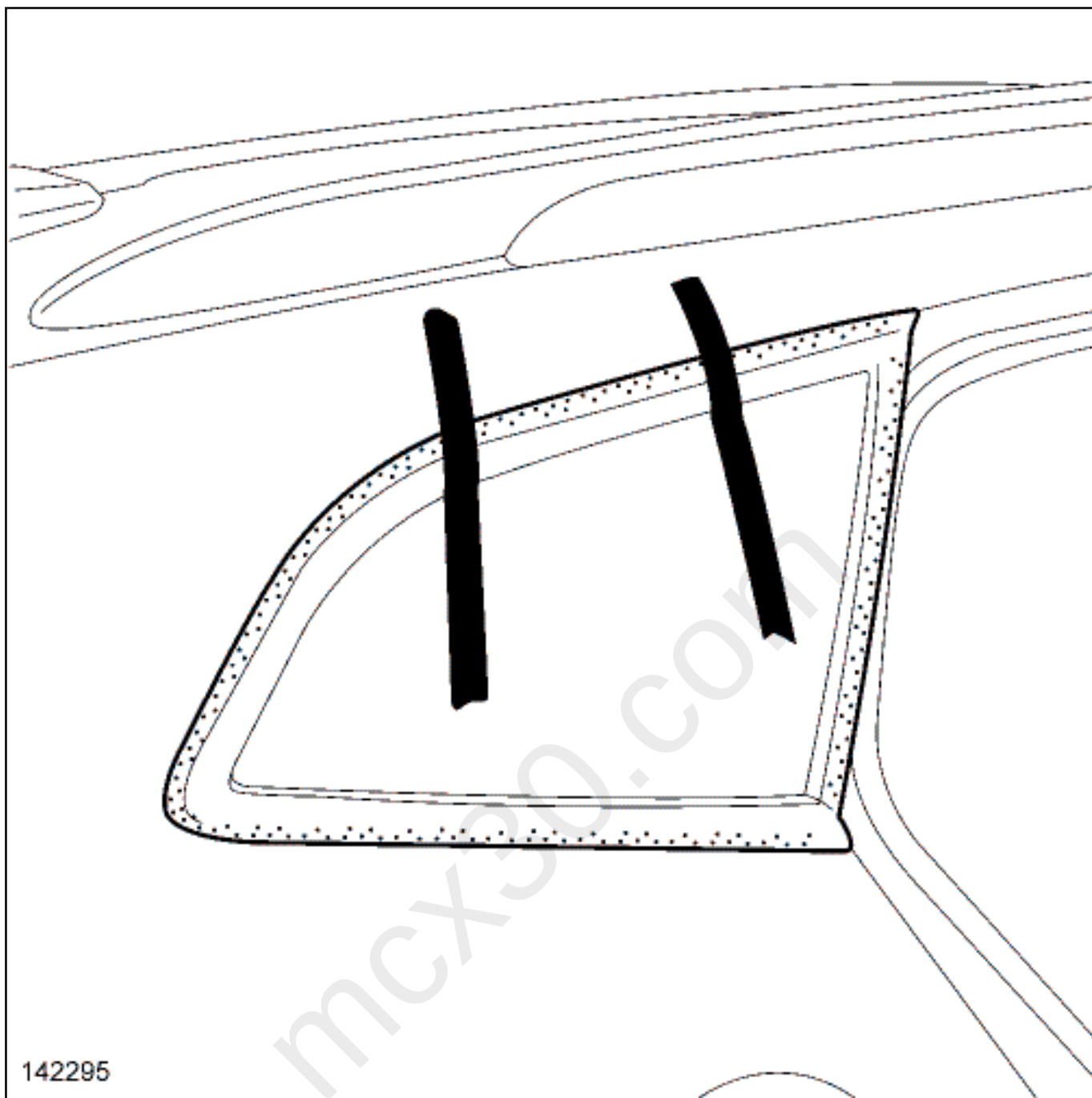
This would make cutting impossible.



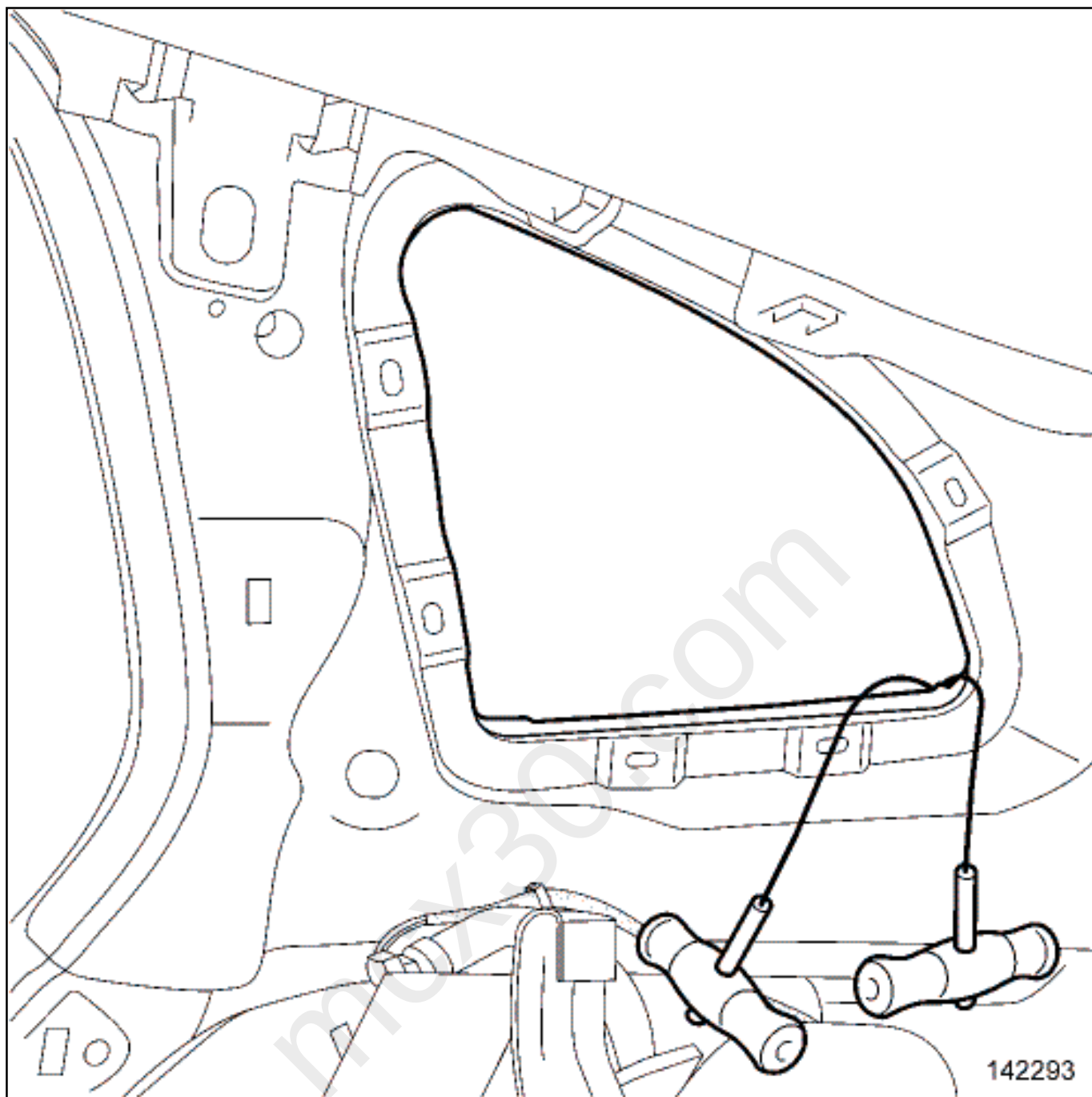
Pass the Wire insertion tool for removing bonded mirror glass.(Car. 1033) near the first piercing of the cement bead.



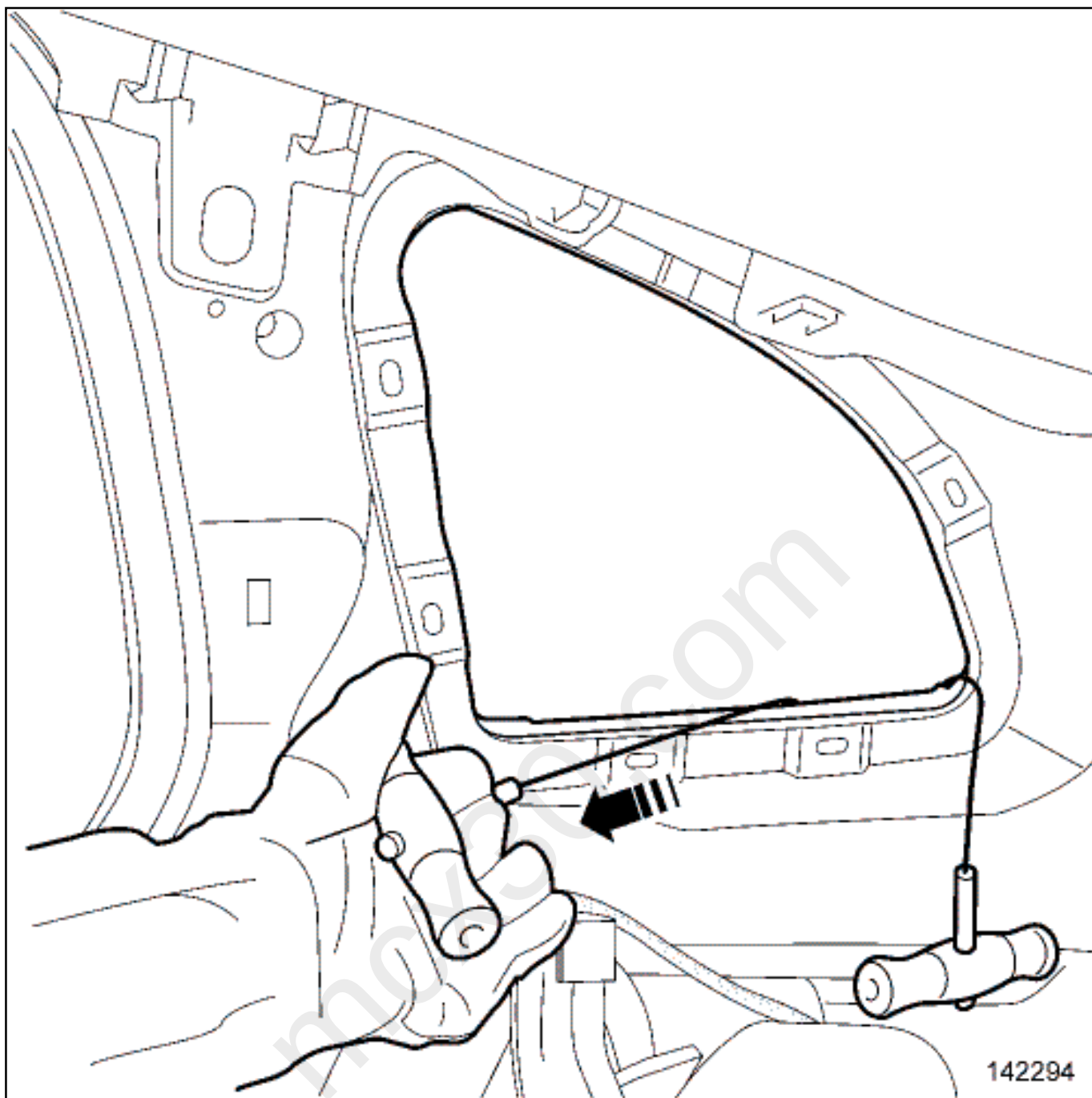
Pass the cutting wire from the exterior towards the interior using the Wire insertion tool for removing bonded mirror glass.(Car. 1033) .



Secure the window on the panelwork using masking tape.



Fit the second pulling handle on the other section of the cutting wire inside the vehicle.



Pull one of the two pulling handles until the cement bead is completely cut.



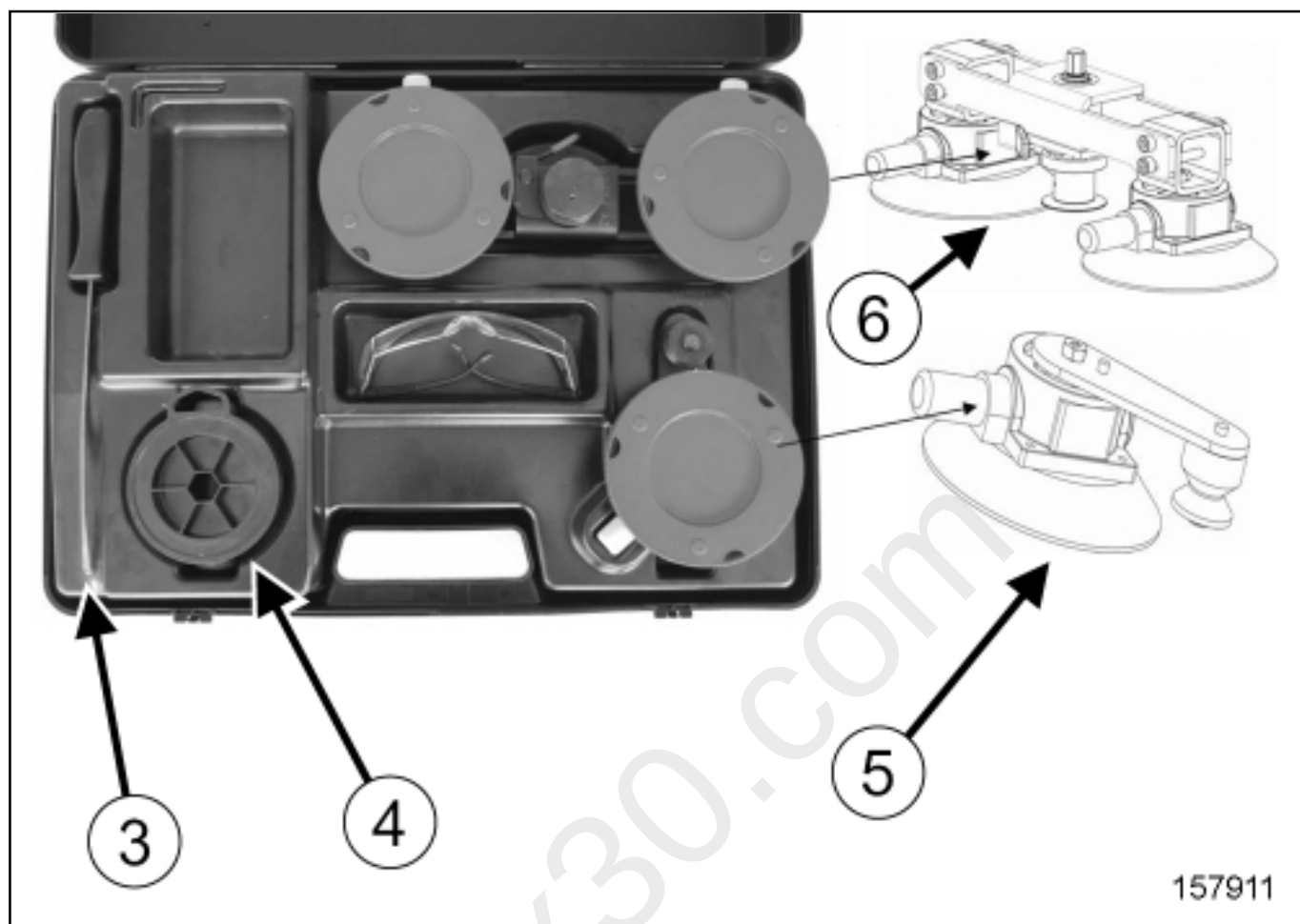
Note:

Reduce the length of the cutting wire as you cut.

Remove the window.

3- THIRD PROCEDURE

PART NO.: 77 11 573 521



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(3) Wire insertion tool

(4) Cutting wire

(5) Roller

(6) Winding device



Wind the cutting wire(7) around a mounting bolt.

Pass the cutting wire from the exterior towards the interior using the wire insertion tool.

Note:



While tensioning the cutting wire ensure that the cutting wire is in the correct position under the windshield.

Grip the other end of the cutting wire on the winding device .