

Cut the cement bead until the middle of the windshield.



Note:

The angle must be between 0° and 45° and the winding of the cutting wire on the winding device must be done correctly.

Move the winding device and install the roller as the cutting progresses.

Continue the cutting until the cutting wire can't be guided by roller.

Remove the roller and continue the cutting.

Repeat the operation until the cutting is complete.



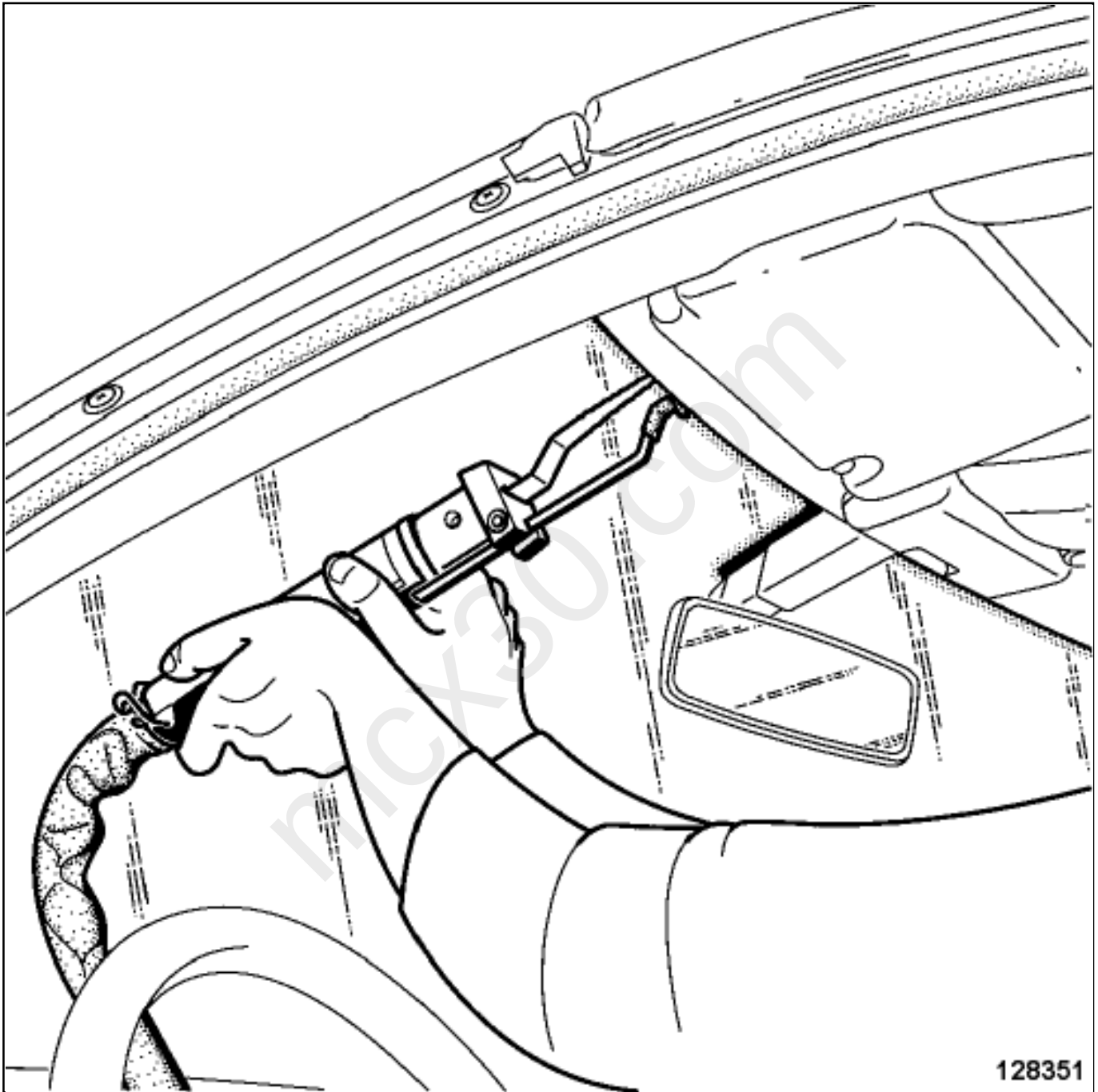
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XSL version : 3.02 du 22/07/11

WINDOW REMOVAL TOOL: USE

1. DESCRIPTION



The cutting principle is based on short reciprocating strokes like those of a jigsaw.

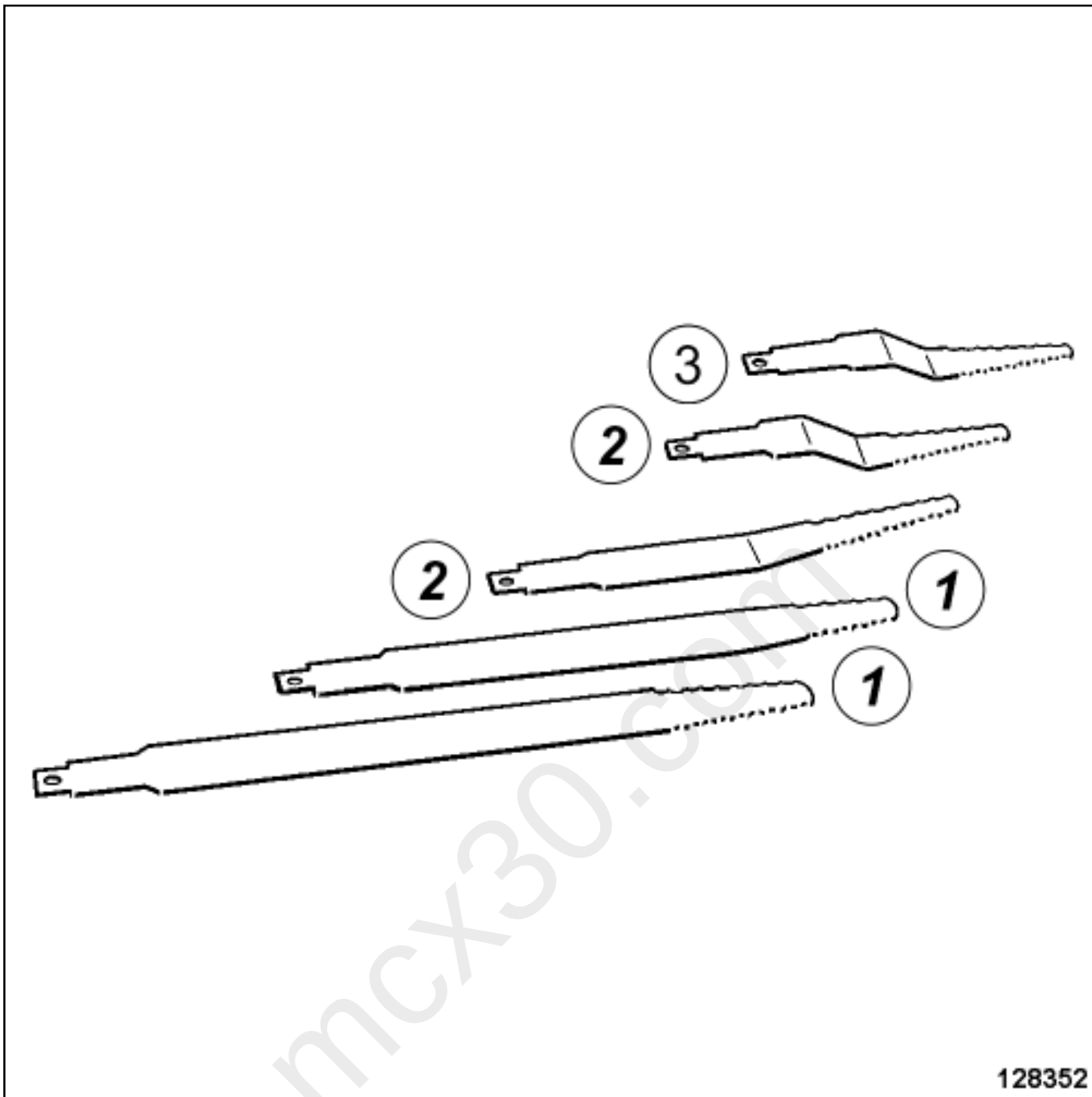
The tool is equipped with a flat rigid sharpened blade with saw teeth.

The cutting operation is generally done from the interior side of the window.

The principal advantages are:

-
- the removal of all the windows including the "mouldings" ,
- a single operator for the removal,
- an accessory kit comprising blades that can also cut sheet metal or plastic panels.

2. CHOOSING BLADES



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All these blades have efficient micro-teeth at the ends for cutting the cement bead quickly and easily.

The cutting kit comprises two types of blades.

1- LONG BLADES



The long blades(1) WK1SC andWK2SC enable the bottom of the windscreen to be cut out by plunging them between the dashboard and the windscreen.

These blades can also be used for removing rear quarter panel windows in zones that are difficult to reach.

2- SHORT BLADES

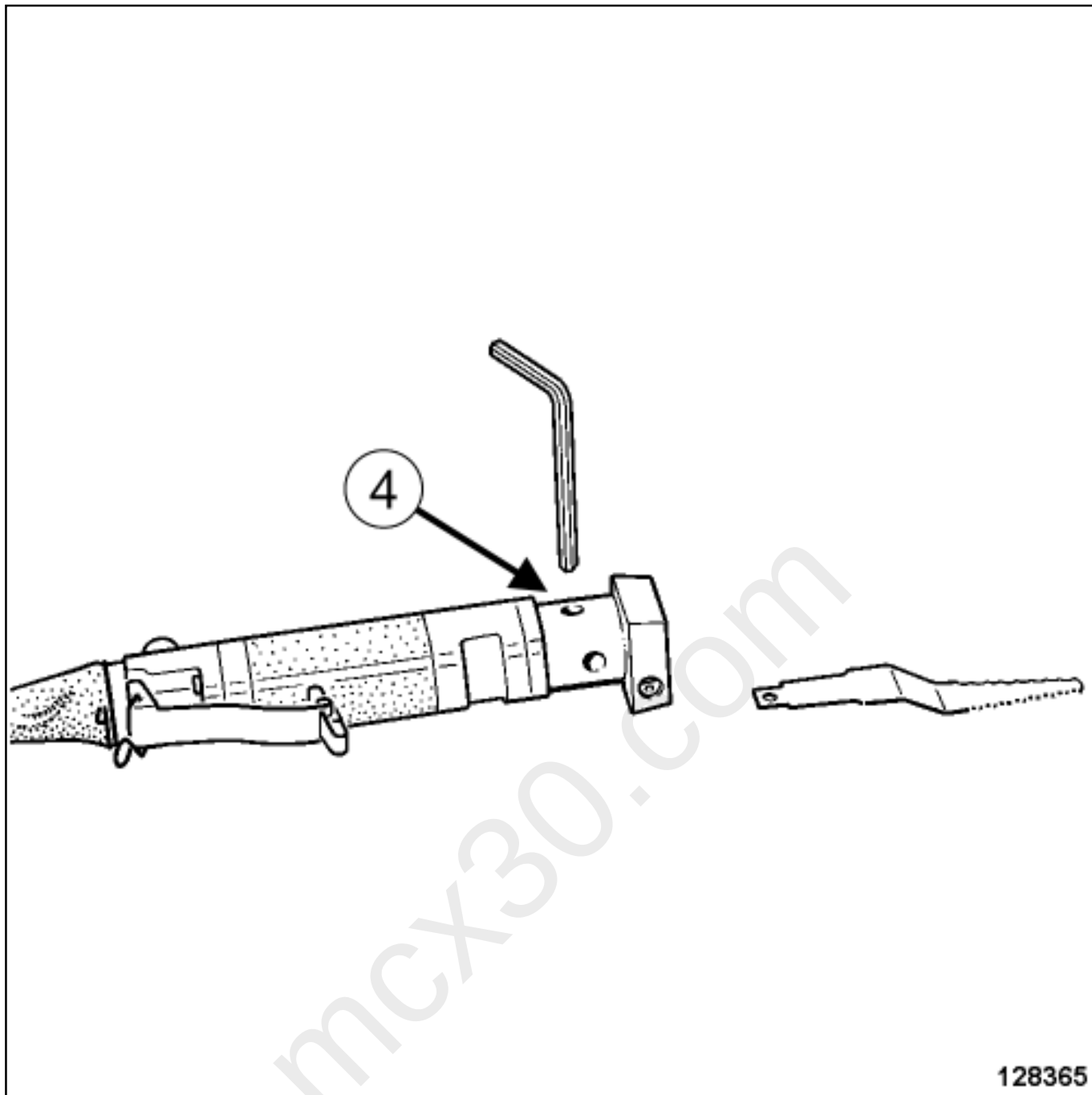


The short blades⁽²⁾ WK24SC and WK24ZSC enable the windscreen to be cut out at the roof and its pillars.

The blade⁽³⁾ WK24ZR is only for cutting windows with moulded seals.

3. FITTING BLADES

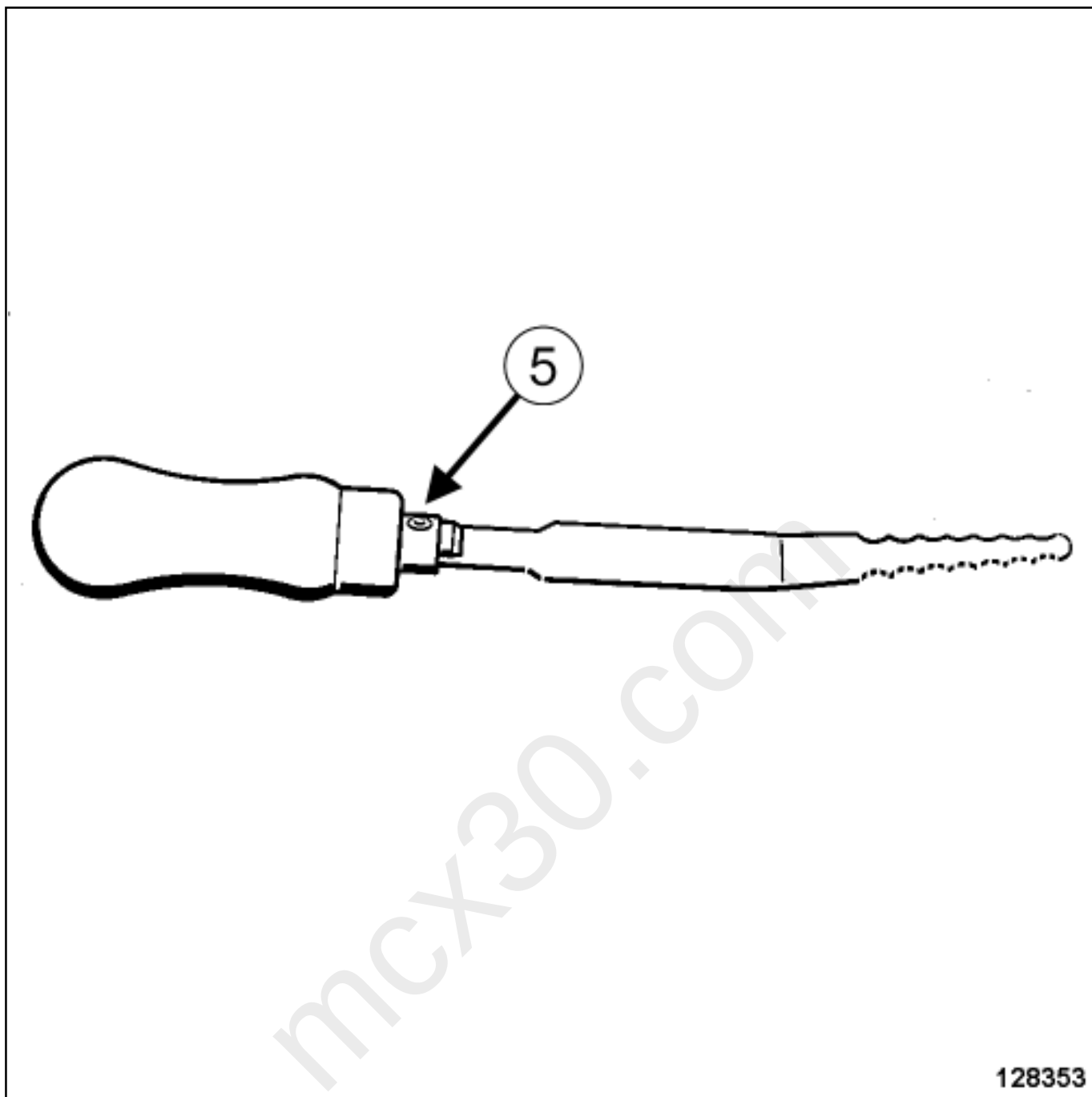
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Loosen the bolt(4) .

Insert the blade as far as it will go into the slit in the tool.

Tighten the bolt(4) .



The kit includes a manual blade holder for manual cutting to complete the removal of the window.

Loosen the bolt(5) .

Insert the blade as far as it will go into the slit in the manual blade holder.

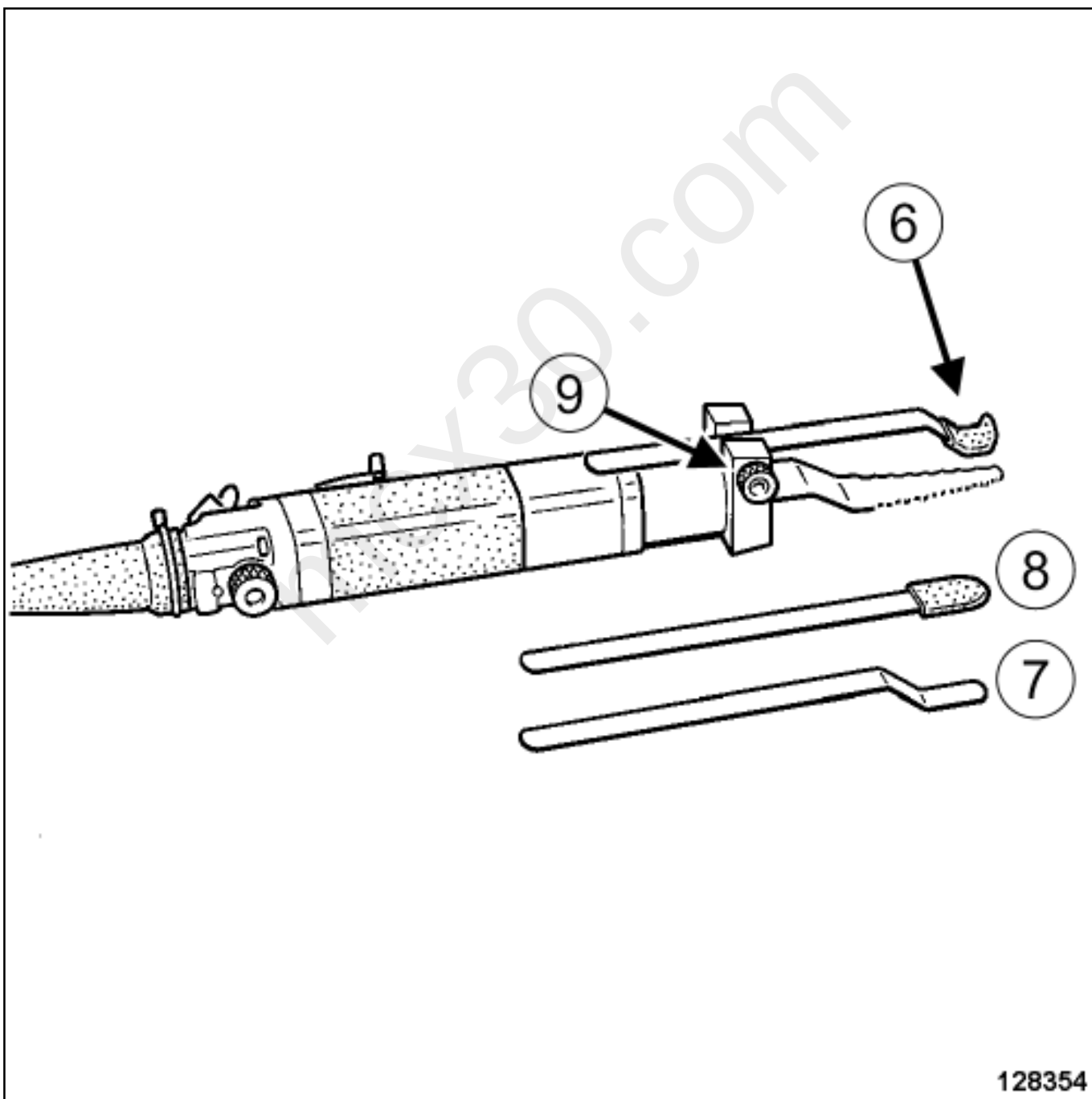


Note:

Only the long(1) and short(2) blades can be inserted into the manual blade holder

Tighten the bolt(5) .

5. FITTING CUTTING GUIDES



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To avoid any damage to the paint in the surrounding area when cutting with the toothed blade, a depth guide should be used to ensure that the blade protrudes as much as possible.

This guide can be supported either on the surrounding trim for type(6) guides, or on the cement bead itself for type(7) guides.

The type(8) guide only acts as a shim when removing windows with moulded seals (see cutting windows with moulded seals).

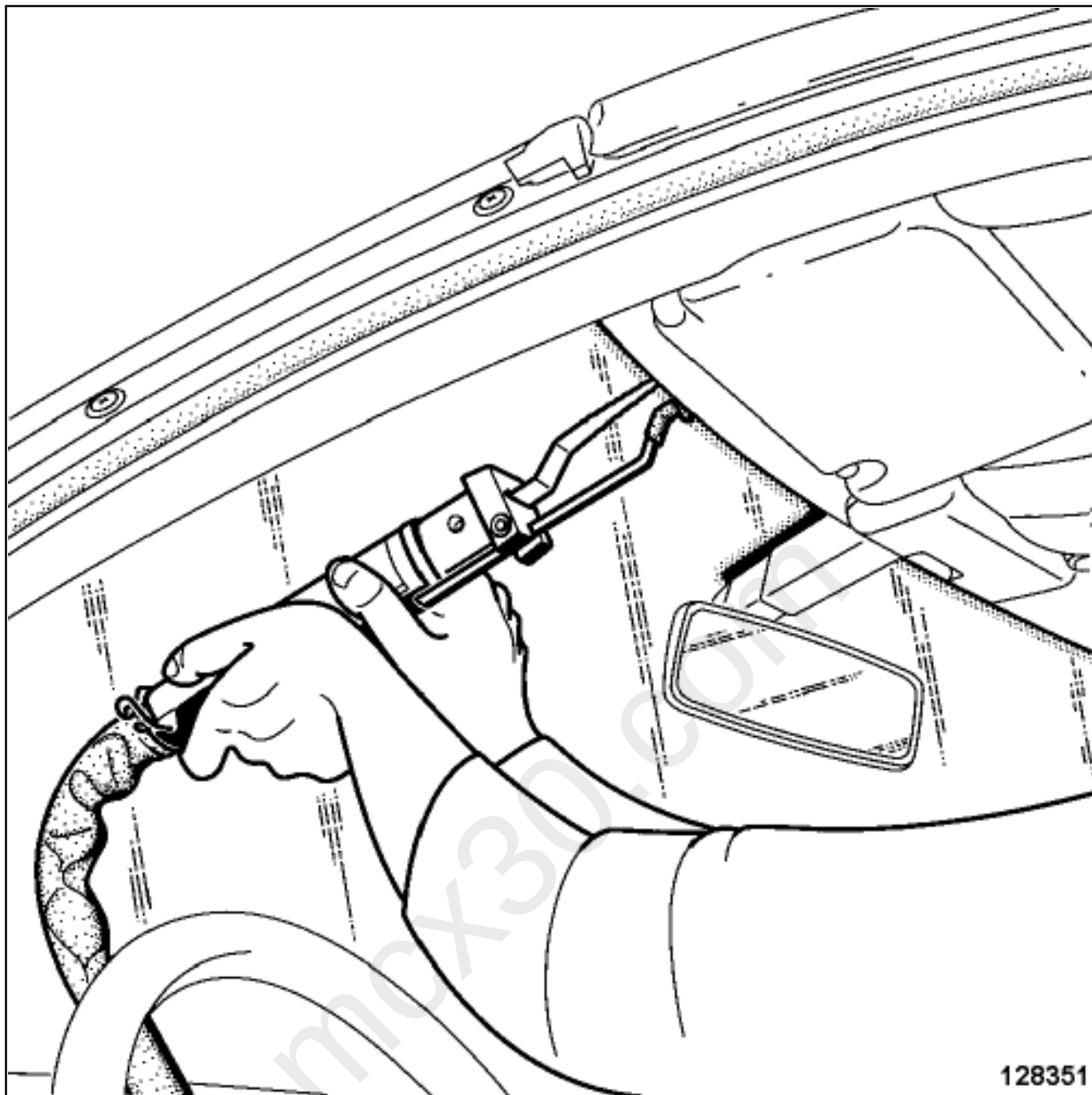
These guides are quickly fitted and adjusted on the tool head with the help of a manual tightening wheel (9) .

6. ADJUSTING CUTTING GUIDES



Fit the guide most suited to the working area and slide it in without tightening the manual tightening wheel (9) .

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Position the tool at right angles to the cement bead and carefully push the blade in until it has gone all the way through the cement bead.

Note:



To perform the adjustment, it is recommended that you stand outside the vehicle in order to see the moment when the blade emerges through the cement bead.

The stroke of the blade must be adjusted so that during its alternating movement it cuts the cement

bead without risk of damaging the paintwork.



Stop the tool and without moving it, put the depth guide in contact with the trim.

Note:



Take into account the fact that in the "tool stopped" position the blade is located approximately 6 mm back from the end of its stroke.



Tighten the manual tightening wheel(9) .



Detach the tool from the cement bead.

Note:

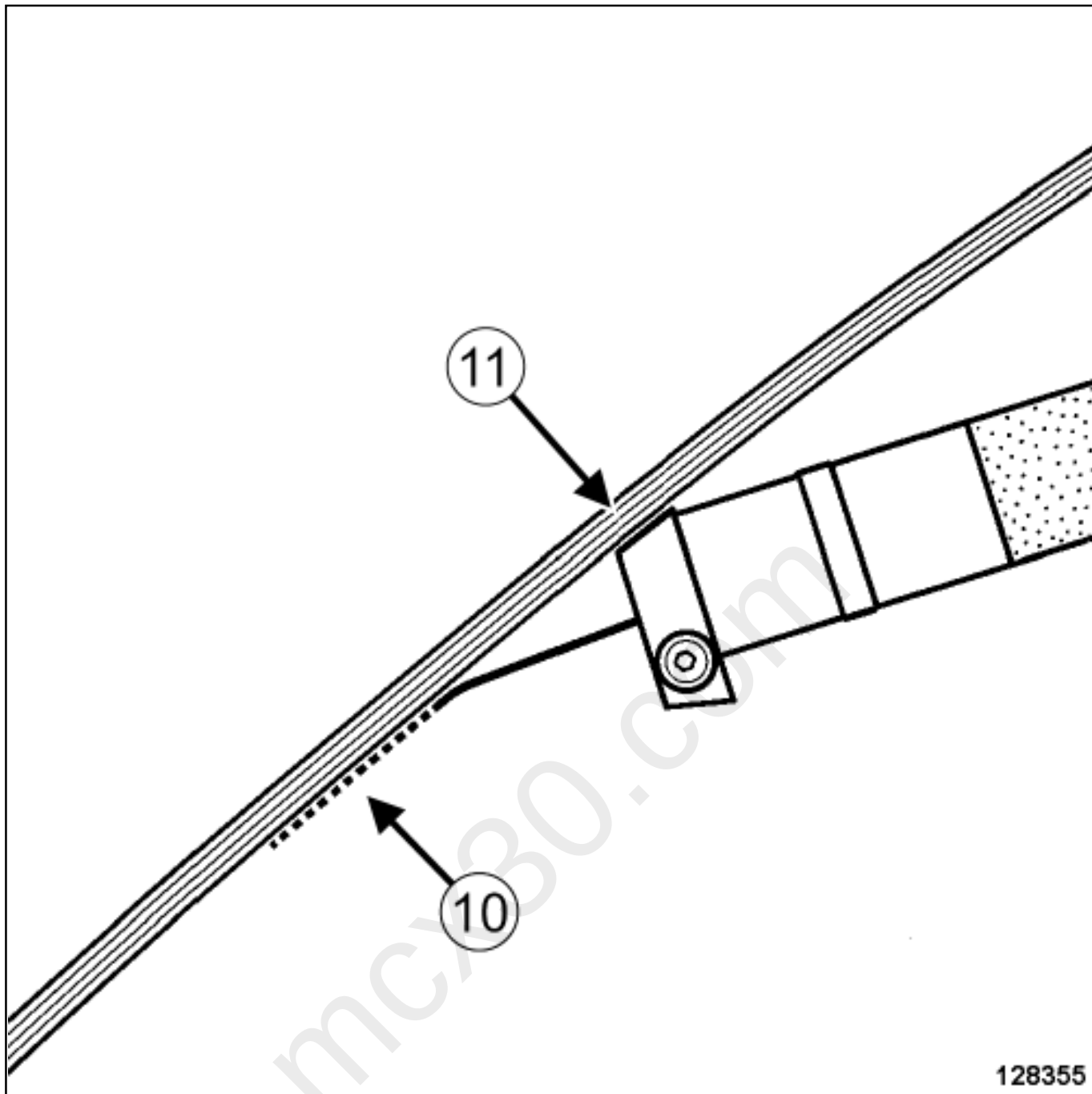


Do not use the depth guide when cutting the window corners.

You are advised to watch the blade from the outside and limit its depth by eye.

On certain vehicles, the bottom of the windscreen frame does not require the use of a depth guide.

7. PRECAUTIONS WHEN CUTTING

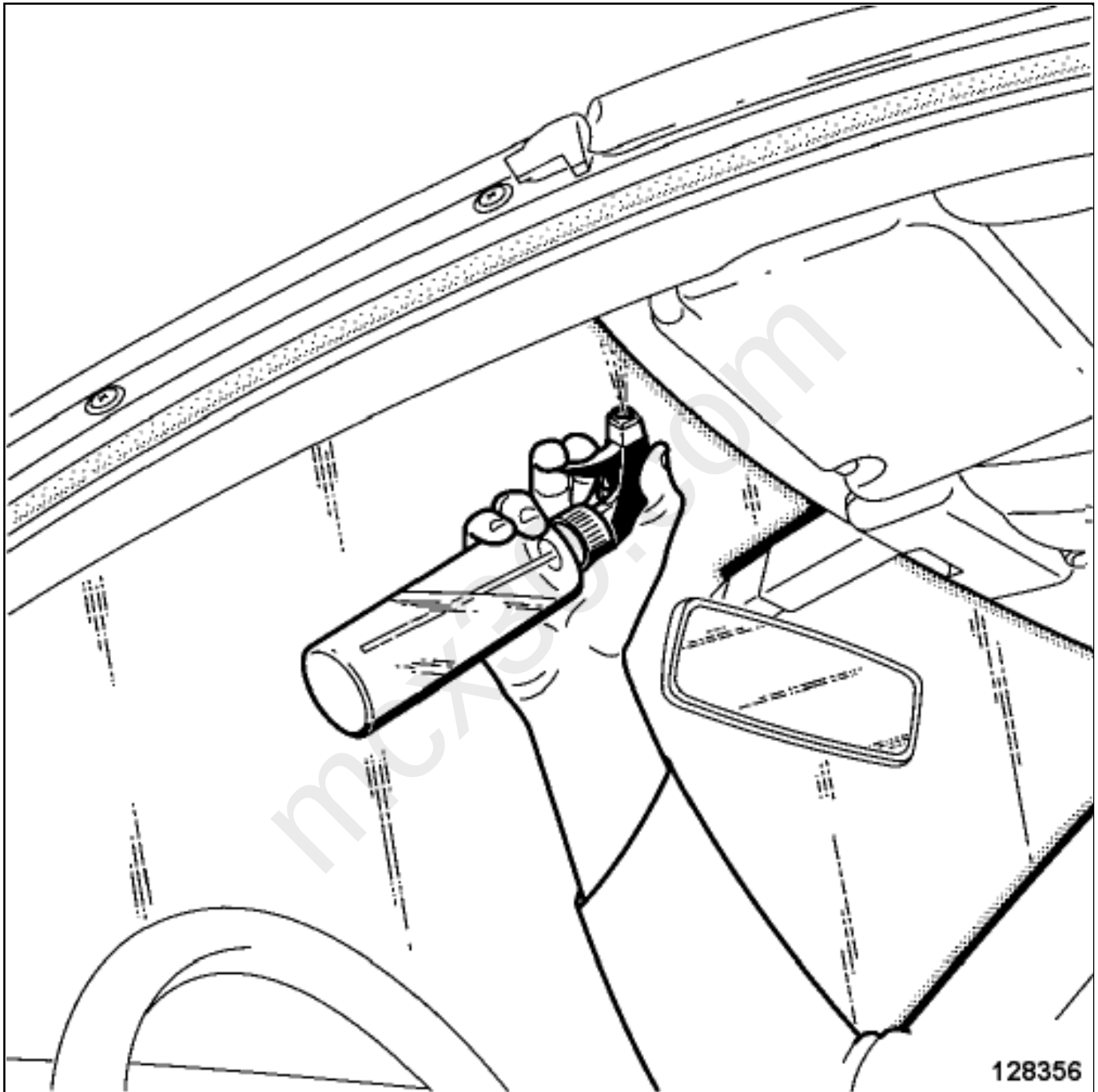


To ensure that the cement bead is cut under the best conditions, follow the instructions below:

-
- always to keep part(10) of the blade flat and parallel with the glass,
- the stop(11) always must be in permanent contact with the glass,
- it is imperative to hold the tool body with two hands when cutting the cement bead,
- use a depth guide if necessary,

start the tool outside the cement bead before beginning cutting,

cut the cement bead by drawing the tool towards yourself. This allows better control of the movement of the tool during cutting.



Note:



Before any action with the tool, spray water on the cement bead using the atomiser provided in the cutting kit.

The water allows the blade to slide and cut the cement bead more easily.

8. POSITION OF THE OPERATOR

Note:

When cutting at the window pillars and upper section of the windows do not use a long blade as this carries a risk of overhanging.

Spray water on the cement bead, before cutting it and spray regularly during the cutting operation to avoid all release of fumes due to the blade heating up.

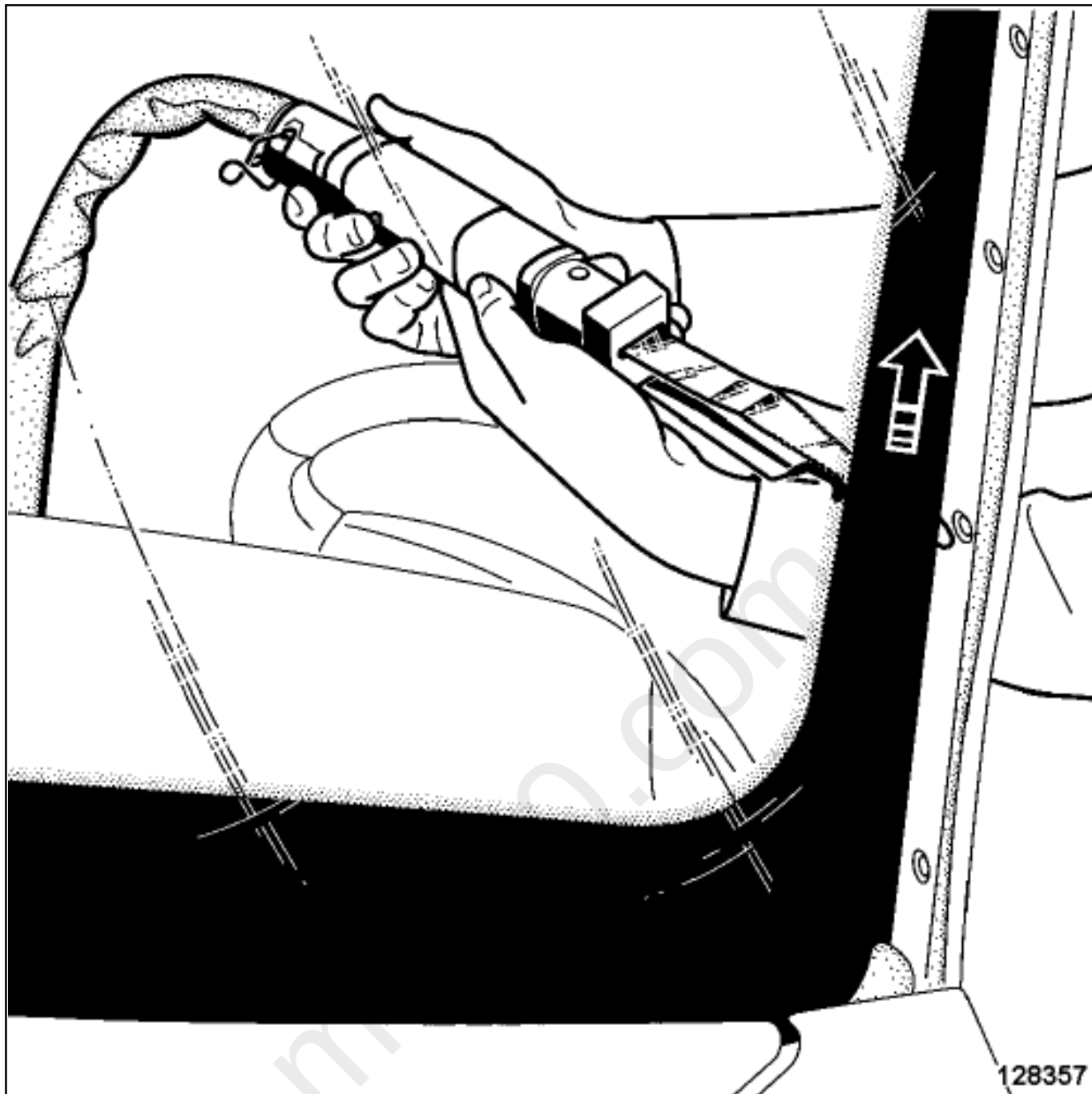


Ensure that the depth guide is always in contact with its reference surface during cutting of the cement bead.

If the blade has difficulty in cutting very thick cement bead, make progressive cuts into the area until the blade passes through it.

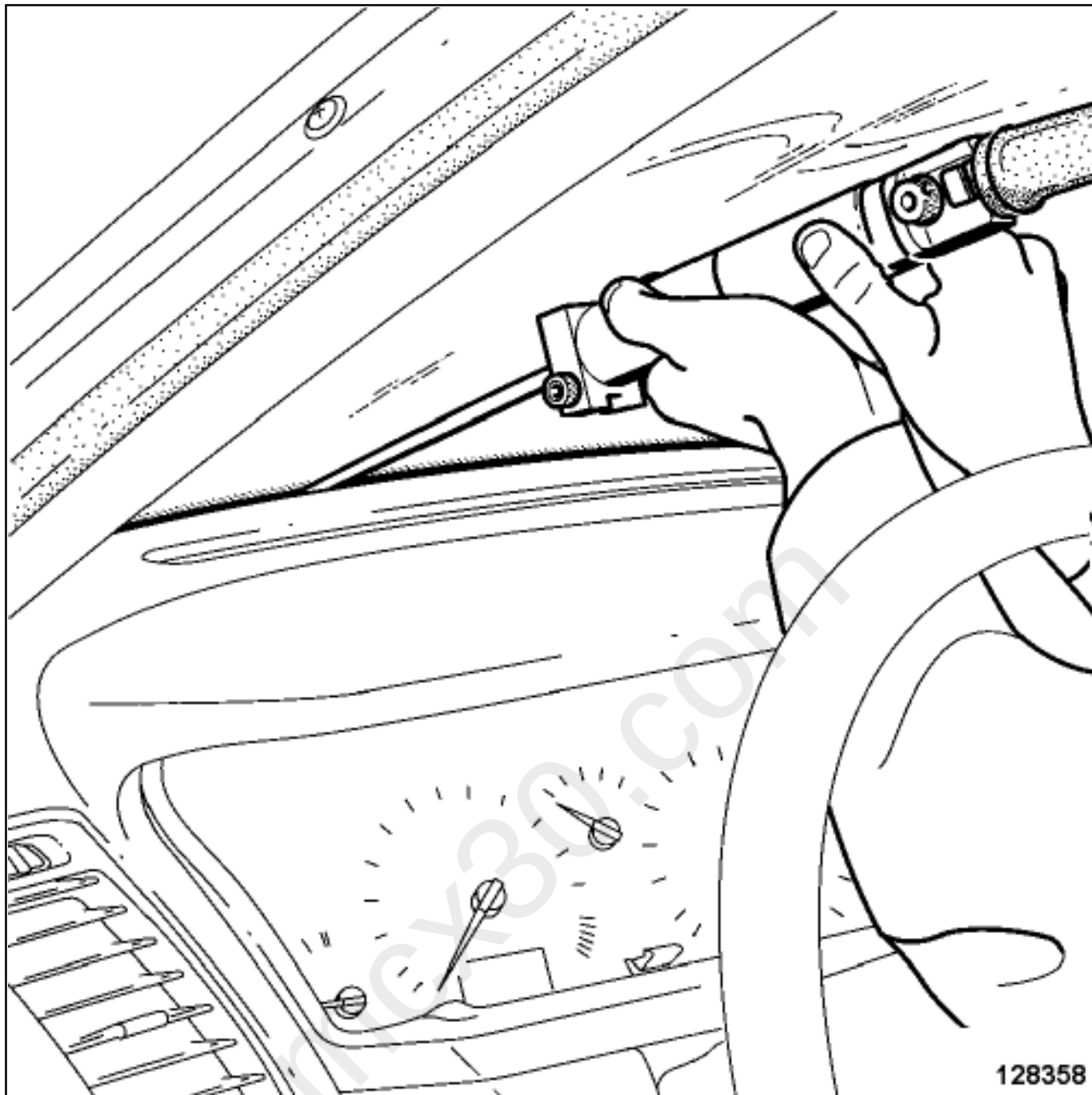
To avoid all risk of accident during the cutting operation, do not place yourself directly in line with the blade.

1- CUTTING SIDE SECTIONS



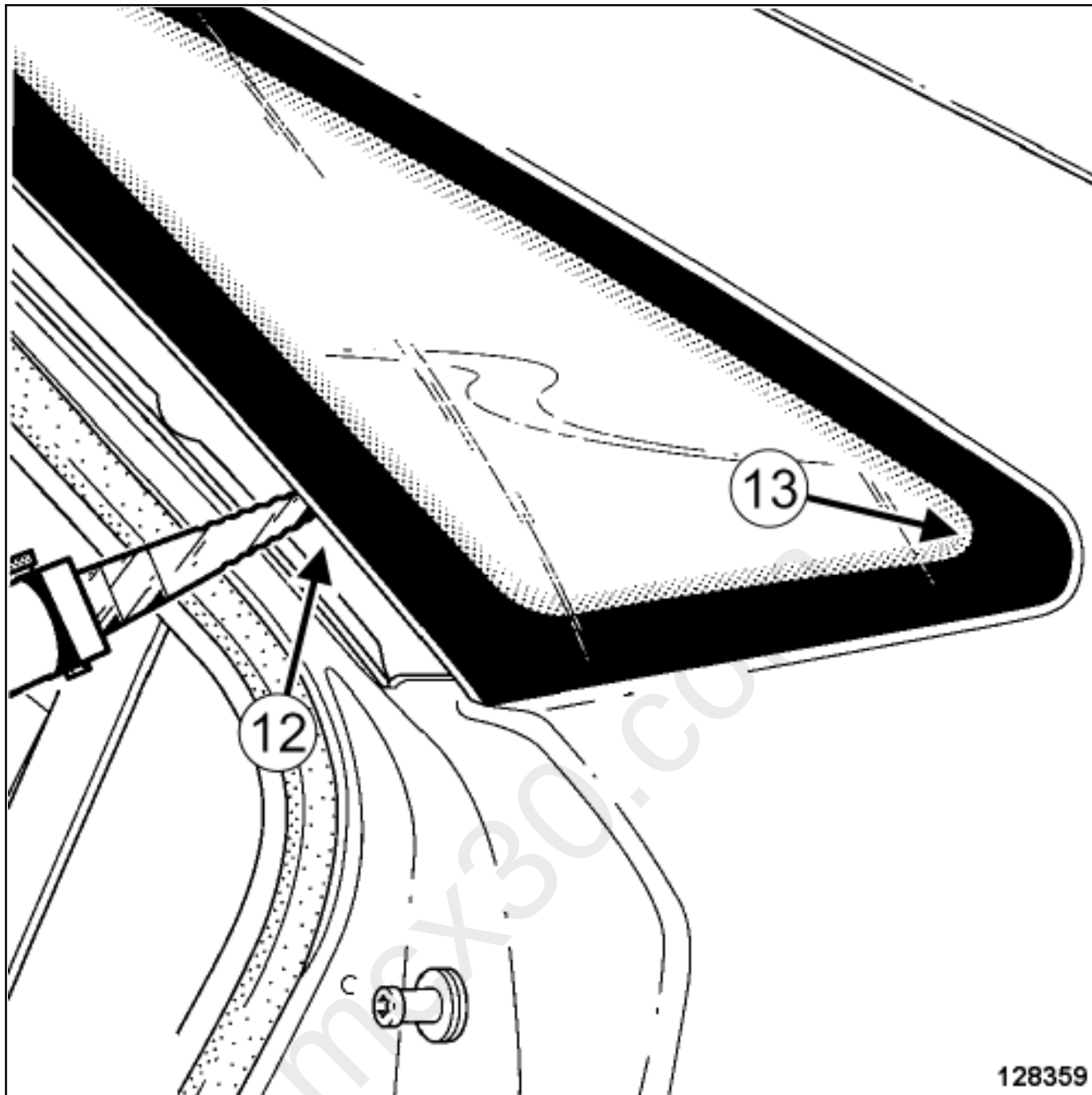
Stand outside the vehicle, start at the bottom of the windows and cut the beading by drawing the tool as far as the top corner.

2- CUTTING UPPER AND LOWER SECTIONS OF WINDOWS



Go inside the vehicle and work by bringing back the tool towards yourself.

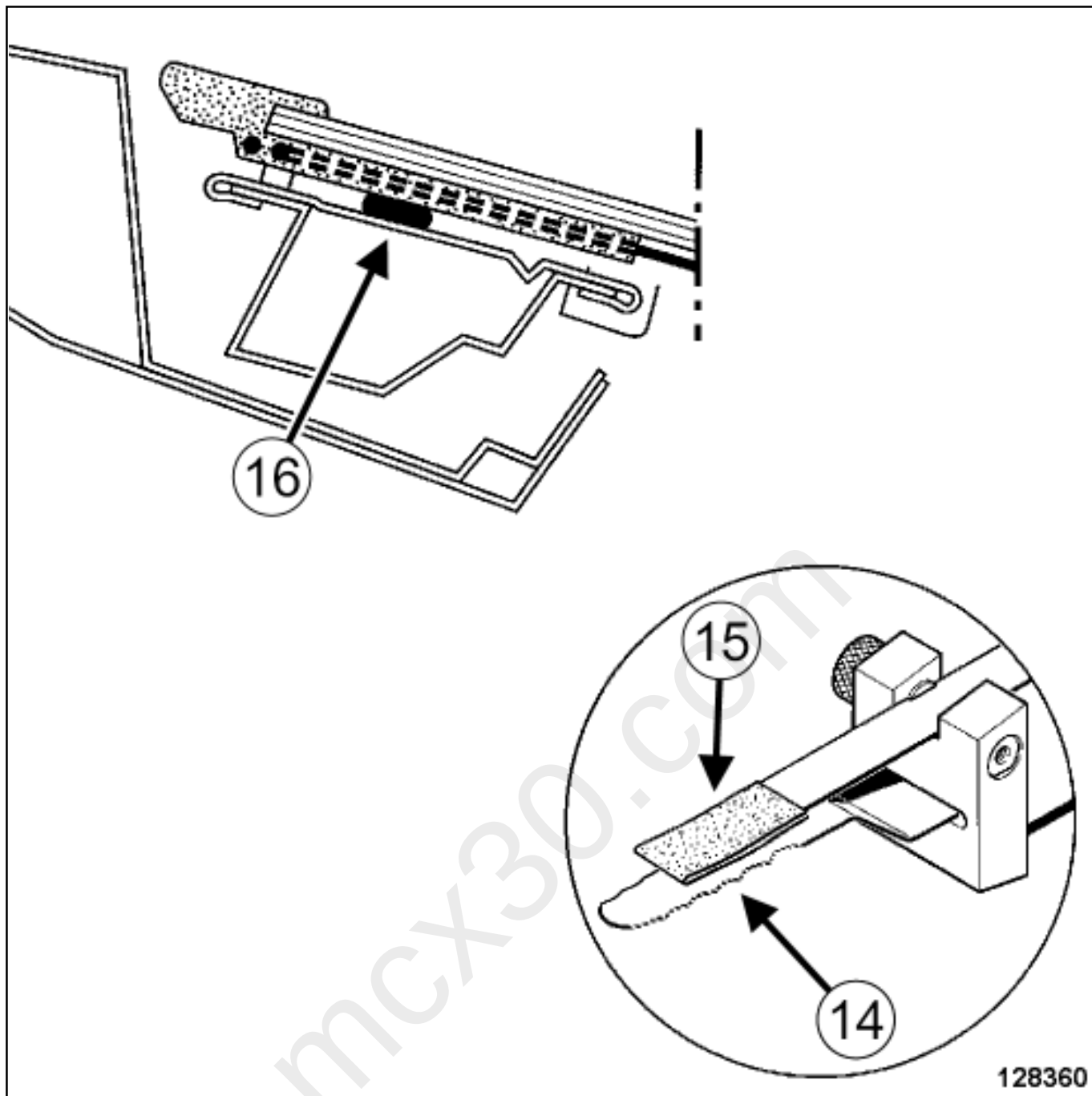
3- CUTTING THE REAR QUARTER PANEL WINDOW



Cut the most accessible part(12) from outside.

Using the long bladeWK1SC, cut the remainder of the cement bead as far as the corner(13) by inserting the blade at(12) .

4- CUTTING WINDOWS WITH MOULDED SEALS



Use a specific blade WK 24ZR that does not damage the moulding of the windows.

The cutting teeth of the blade (14) are oriented to the rabbet side and the other side is slightly convex so as to limit the damage to the moulding.

The straight guide (15) fitted on the tool must be kept in contact with the glass in order to bring the blade as close as possible to the rabbet when cutting the cement bead (16).



Note:

You must always cover the end of the guide(15) with a layer of Velcro (supplied in the cutting kit) in order not to damage the screen printing of the windows.

9. USE AS A JIGSAW

