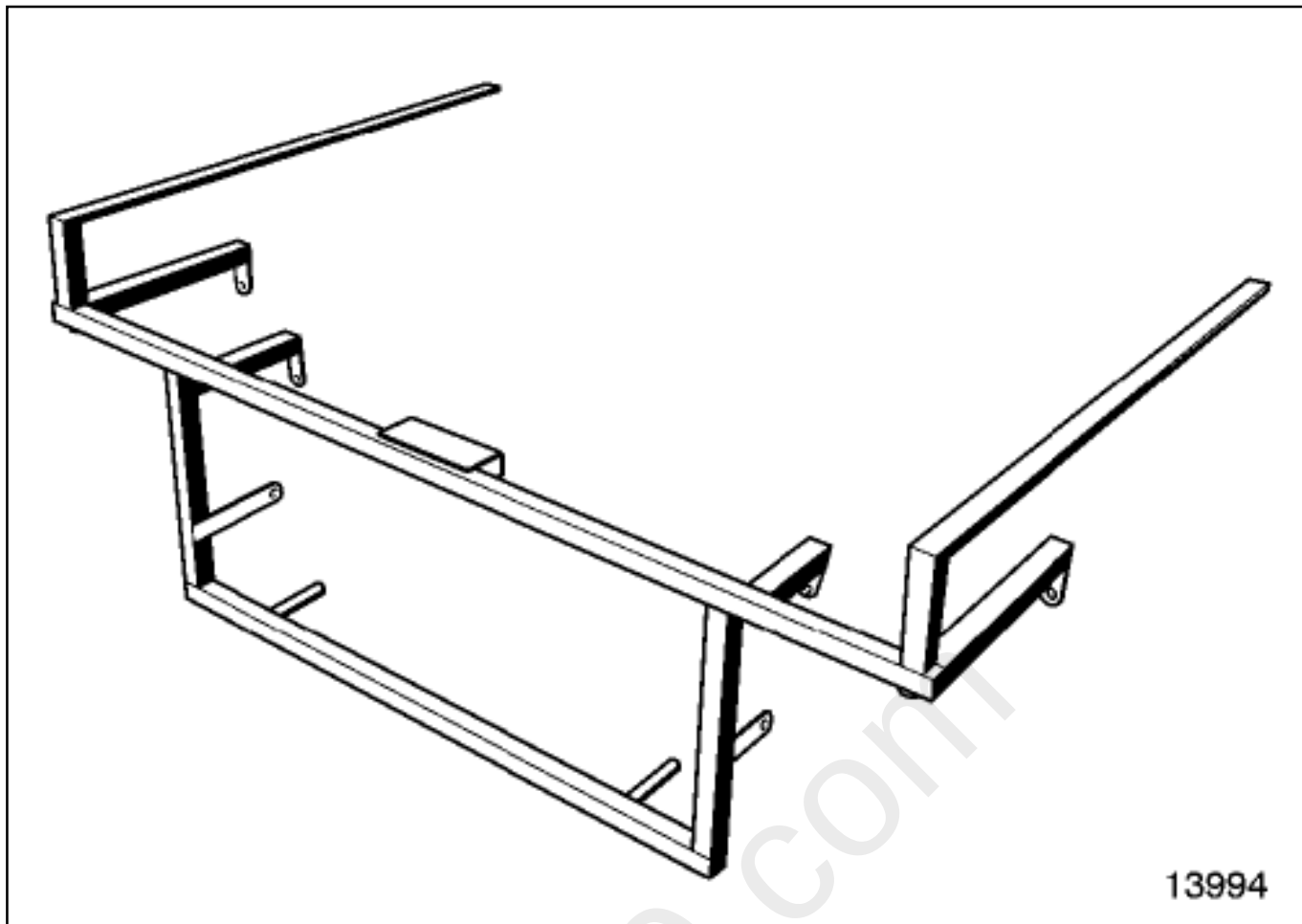




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■ Special tool to be used for adjusting and supporting the front end panel components.

■ Advantages:

- saves time after fitting (no need to dry fit the other components),
- possibility of making connection directly with the jig in place.

■

Disadvantages:

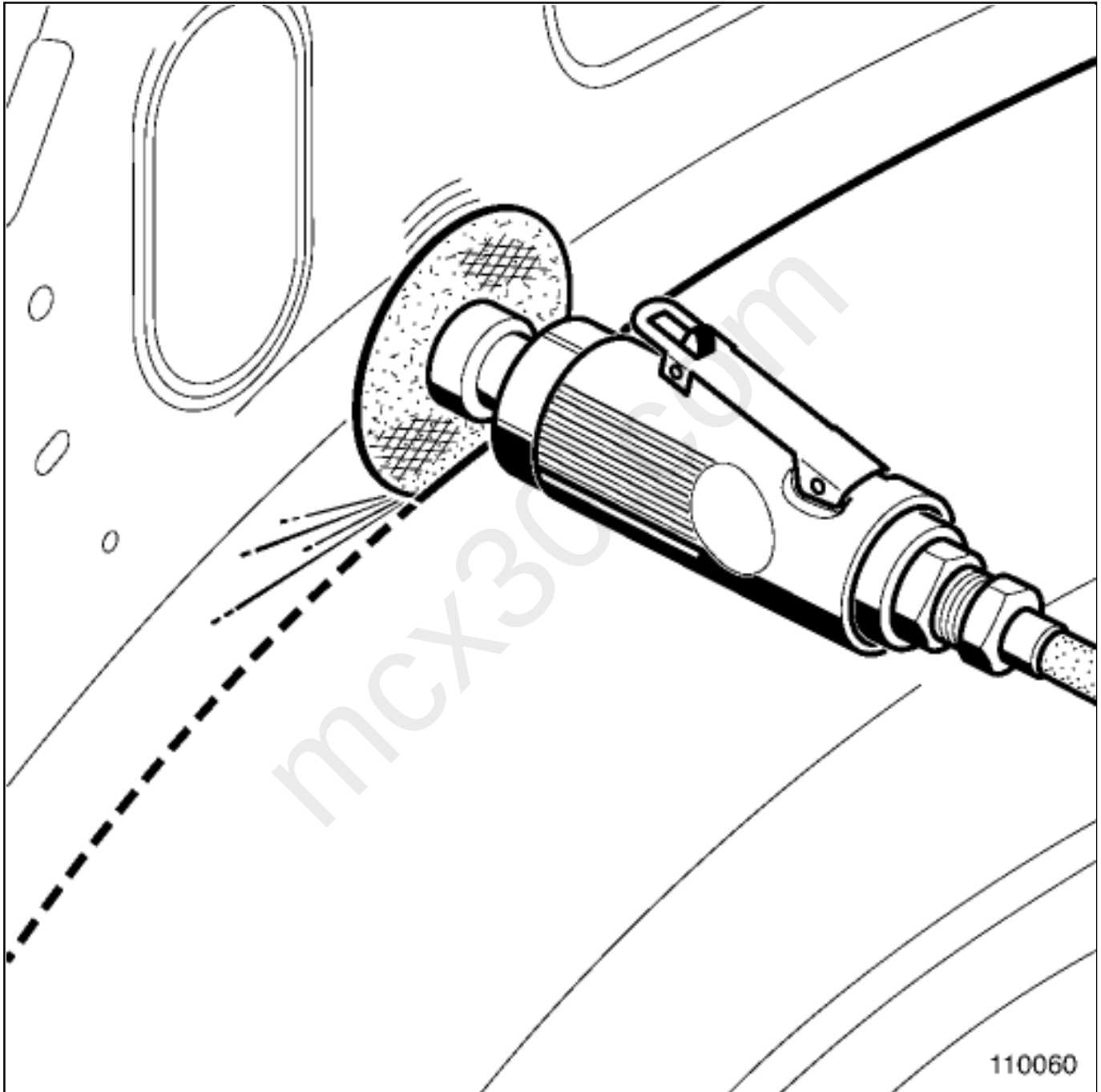
-
- cumbersome,
- time taken for fitting,
-
- each model specific to one vehicle.



TOOLS FOR CUTTING A STRUCTURAL COMPONENT

1. STRAIGHT LINE CUTTING

Use of a cutter wheel on an angle grinder (10,000 rpm) fitted with speed control.



Advantages:

- Direct cutting anywhere on the sheet without drilling.
- Ideal for cuts over partial replacements.

■ Disadvantages:

- Does not allow curved cutting.
- Causes a large quantity of sparks that can damage nearby components (windows, plastic components, cloth, etc.).



Operator protection:

- obligatory eye protection,
- obligatory ears protection,
- obligatory respiratory protection,
- obligatory hand protection.

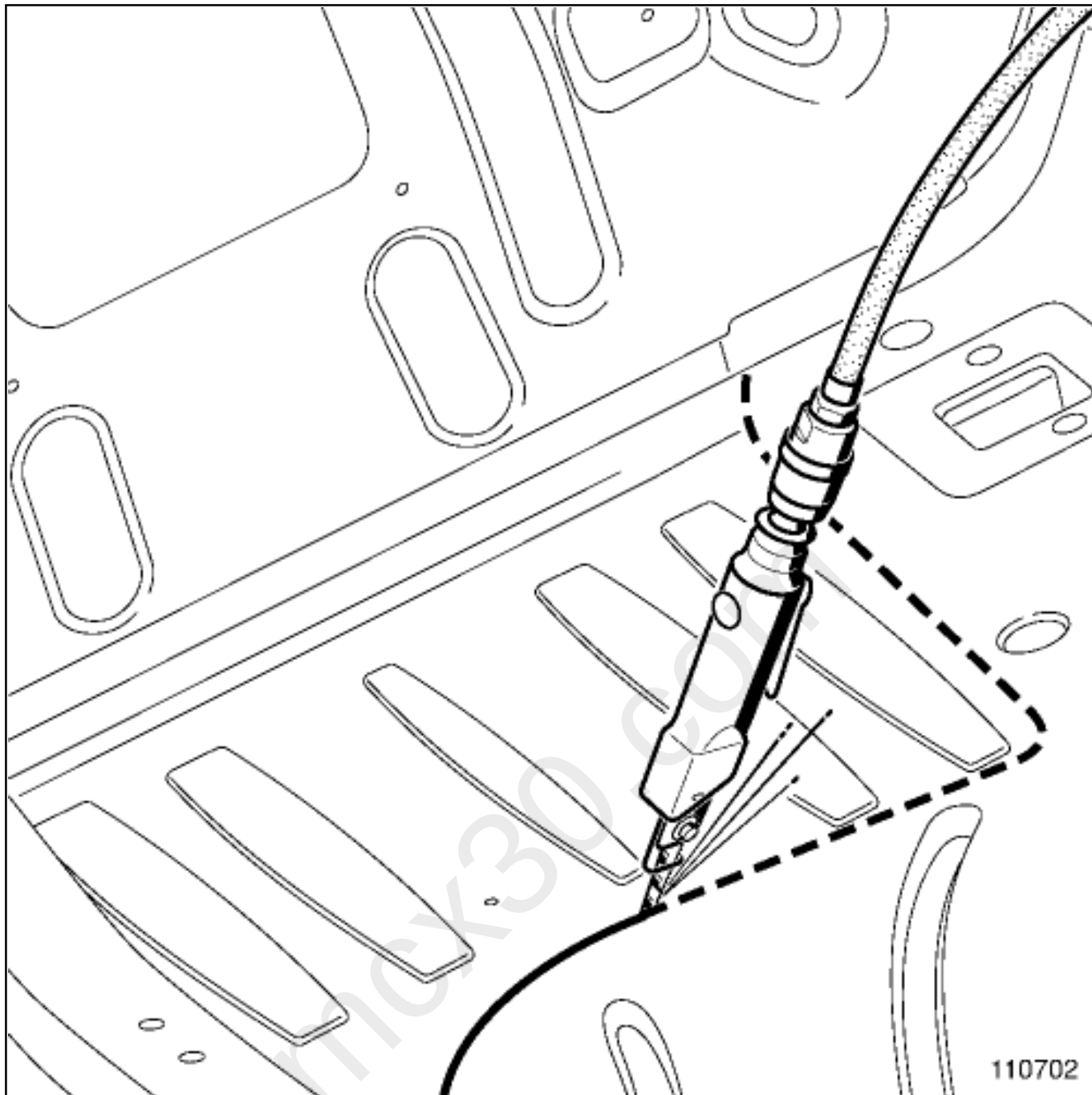


Protection in the work area:

- protection of interior fittings,
- protection of internal and external window faces.

2. CURVED CUTTING

Use of a jigsaw with a small blade (5,000 cycles per minute).



Advantage:

- Can be used for curved cuts with a minimum radius of 25 mm.

Disadvantages:

- Fine metal filings that get into fabric and the window weather strips.

Straight cutting very difficult.

Operator protection:

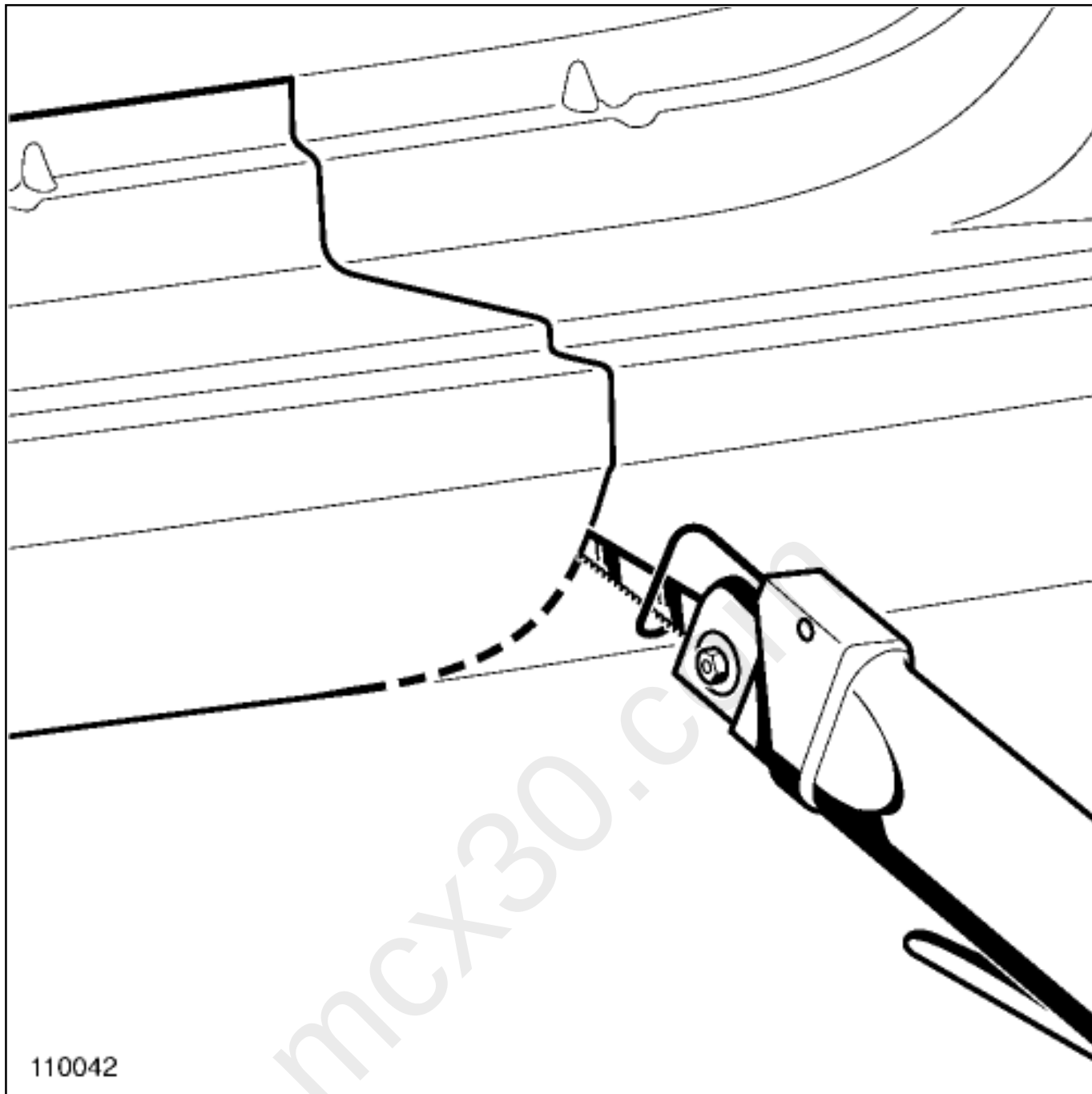
-
- obligatory eye protection,
- obligatory ears protection,
- obligatory respiratory protection,
- obligatory hand protection.

Protection in the work area:

-
- protection of interior fittings.

3. STRUCTURE MEMBER CUTTING

Use of a jigsaw with a small blade (5,000 cycles per minute).



■ Advantage:

Allows cutting in complex shapes.

■ Disadvantages:

■ Fine metal filings that get into fabric and the window weather strips.

Straight cutting very difficult.

Operator protection:

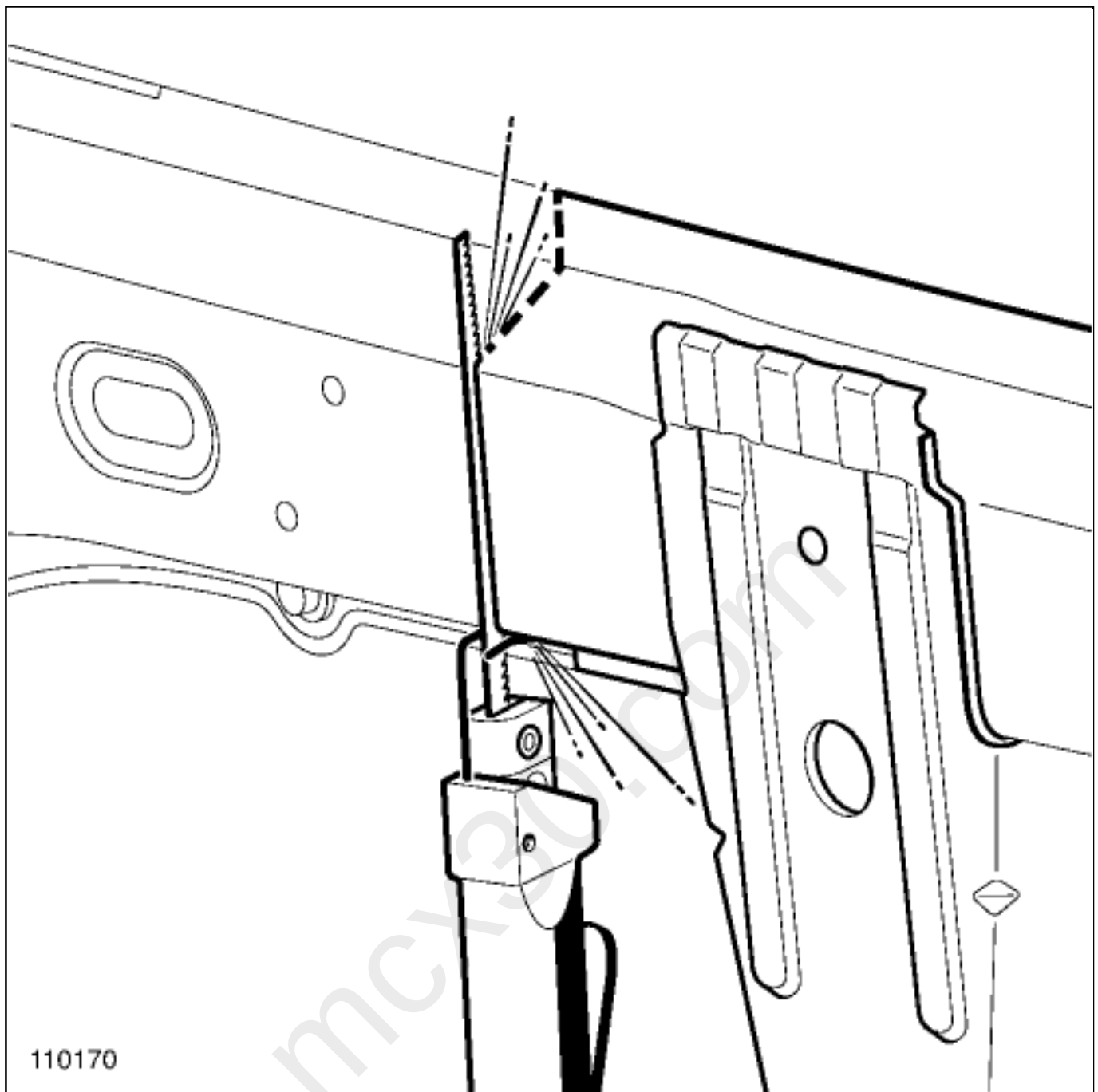
-
- obligatory eye protection,
- obligatory ears protection,
- obligatory respiratory protection,
- obligatory hand protection.

Protection in the work area:

-
- protection of interior fittings.

4. STRAIGHT CUTTING OF A STRUCTURE MEMBER

Use of a jigsaw with a large blade (5,000 cycles per minute).



Advantage:

- Straight cutting of a big section.

Disadvantages:

- Fine metal filings that get into fabric and the window weather strips.

Precise curved cutting minimum radius 100 mm.

Operator protection:

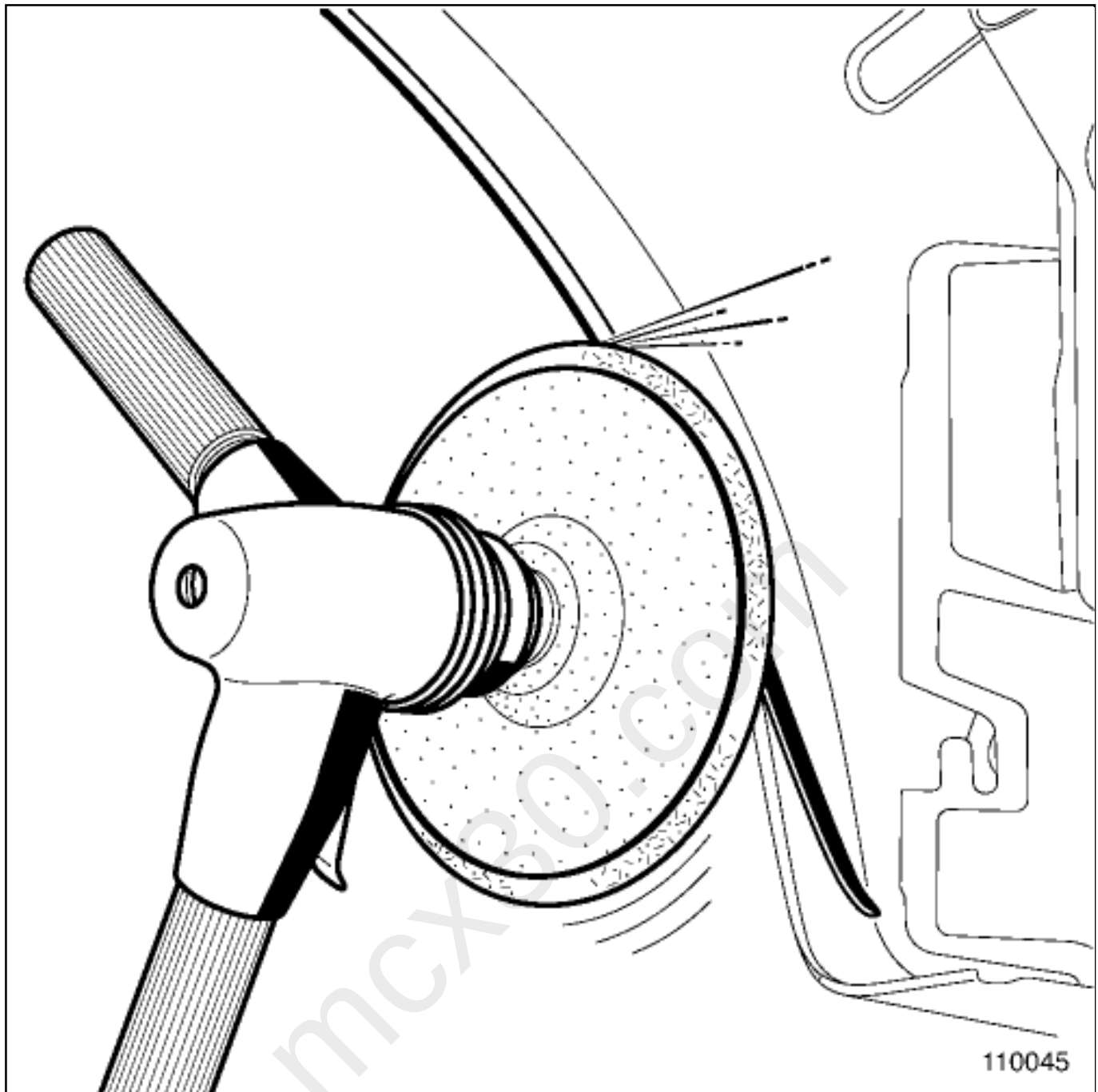
-
- obligatory eye protection,
- obligatory ears protection,
- obligatory respiratory protection,
- obligatory hand protection.

Protection in the work area:

-
- protection of interior fittings.

5. CUTTING A PROTRUDING SQUARE

Use of a deburring disk on a stone cutter (2,000 rpm).



Advantage:

■ Cutting a protruding square out of a thin piece.

Disadvantages:

■ Causes a large quantity of sparks that can damage nearby components (windows, plastic components, cloth, etc.).