

# RENAULT

## 6 Sealing and soundproofing

65A OPENING ELEMENT SEALING

66A WINDOW SEALING

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**EDITION ANGLAISE**

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"The repair procedures given by the manufacturer in this document are based on the technical specifications current when it was prepared.

The procedures may be modified as a result of changes introduced by the manufacturer in the production of the various component units and accessories from which the vehicles are constructed".

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# TWINGO - Section 6

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# OPENING ELEMENT SEALING

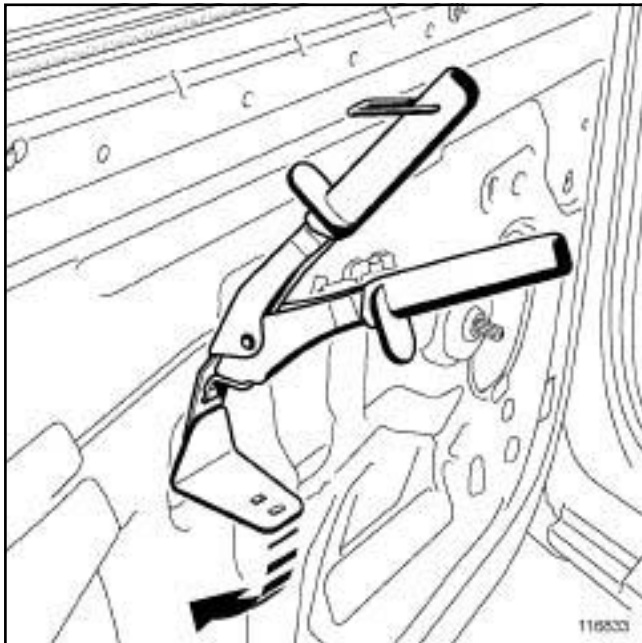
## Door sealing film: Removal - Refitting

# 65A

### REMOVAL

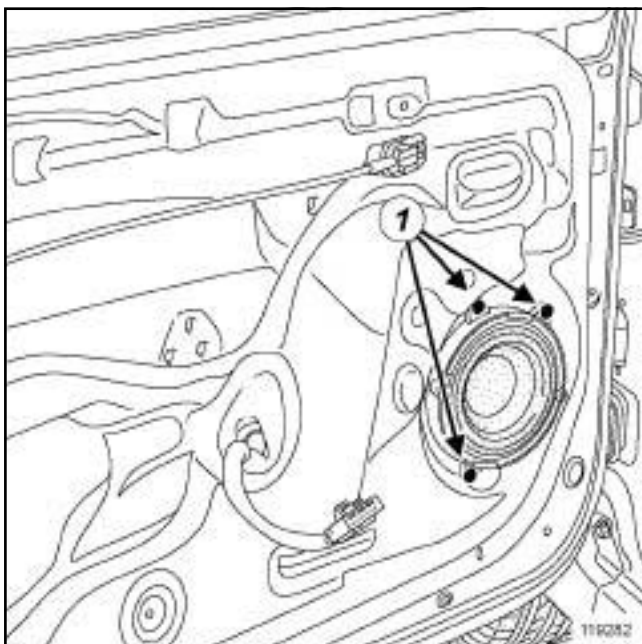
#### I - REMOVAL PREPARATION OPERATION

- ❑ Remove the front side door trim (see **Front side door trim: Removal - Refitting**) (MR 412, 72A, Side opening element trim).



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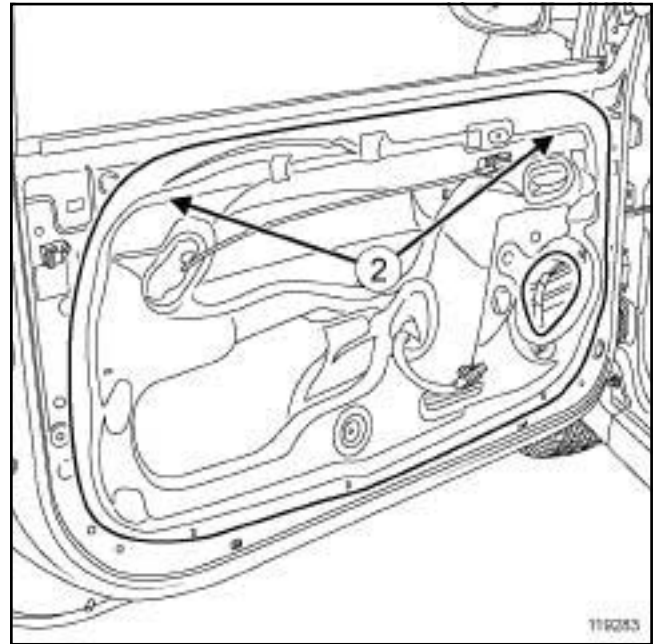
- ❑ Unclip the mounting using a pair of unclipping pliers.



119282

- ❑ Remove (depending on equipment level):
  - the bolts (1) from the speaker mounting,
  - the speaker mounting.
- ❑ Disconnect the speaker connector.

#### II - OPERATION FOR REMOVAL OF PART CONCERNED



119283

- ❑ Start removing the sealing film at the upper section (2).
- ❑ Carefully remove the mastic bead from the door box section around the edges of the sealing film.

#### Note:

If the mastic bead offers too much resistance, use a hot air gun set to approximately 100°C held approximately 20 cm away from the sealing film to ease its removal.

# OPENING ELEMENT SEALING

## Door sealing film: Removal - Refitting

# 65A

### REFITTING

#### I - REFITTING PREPARATIONS OPERATION

- Always replace the sealing film.

##### Note:

Remove the adhesive residue from the door box section by applying wide masking tape to the bonding area. Pull gently on the masking tape to remove any adhesive residue.

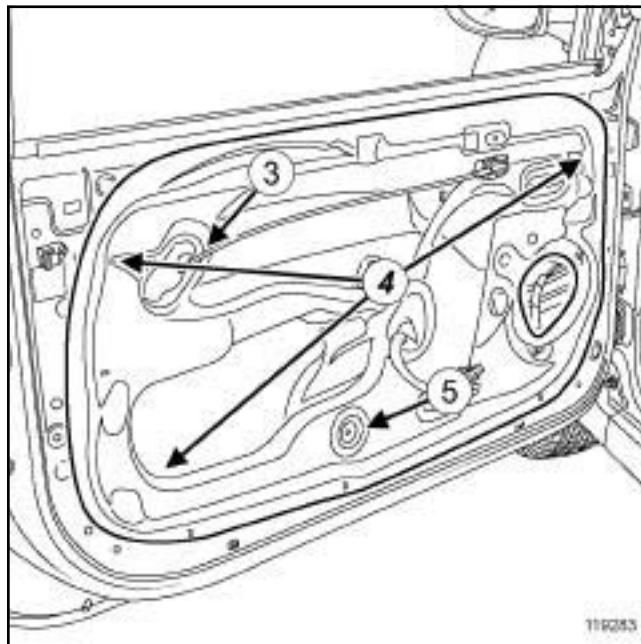
Clean the door frame door box section using a lint-free cloth dipped in heptane.

##### WARNING

The door must be clean (free of dust, grease, anti-adhesive products), with no trace of impurities and no condensation. The area of the inner door panel where the film is applied must be painted completely.

Adhesive surfaces should be at a minimum temperature of **15°** in order for the film to adhere properly to the door.

#### II - REFITTING OPERATION FOR PART CONCERNED



119283

- Remove the paper protecting the sealing film mastic bead.

##### Note:

Do not touch the mastic bead.

- Insert:
  - the interior opening release cable (3) ,
  - the wiring harnesses (depending on equipment level).
- Offer up the sealing film without forcing it, bringing it into contact with the areas shown (4) .
- Position the film correctly around the outside edge without applying any pressure.
- Press firmly on the sealing film around the edges, around the cables, around the speaker area and at (5) .

#### III - FINAL OPERATION.

- Connect the speaker connector (depending on the equipment level).
- Refit (depending on equipment level):
  - the speaker mounting,
  - the bolts (1) to the speaker mounting.
- Check the water seal before refitting the door trim (see **Technical Note 653A, Bodywork fault finding: Water sealing test**).

# OPENING ELEMENT SEALING

## Door sealing film: Removal - Refitting

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**65A**

- Refit the front side door trim (see **Front side door trim: Removal - Refitting**) (MR 412, 72A, Side opening element trim).

### REMOVAL

#### OPERATION FOR REMOVAL OF PART CONCERNED

- Detach the side doors double seal.

### REFITTING

#### I - REFITTING PREPARATIONS OPERATION

- Always replace the side doors double seal.
- Remove the adhesive residue from the door frame.
- Clean the door frame using a lint-free cloth dipped in heptane.

#### WARNING

The door frame must be clean (free of dust, grease, anti-adhesive products), with no trace of impurities and no condensation. The door frame must be painted completely where the double seal is to be attached.

Adhesive surfaces should be at a minimum temperature of **15°** in order for the double seal to adhere properly to the door frame.

#### II - REFITTING OPERATION FOR PART CONCERNED



121714

- Partially remove the lower section of the paper protecting the double seal cement bead (1) .

#### Note:

Do not touch the cement bead.

- Offer up the lower section of the double seal (1) to the door frame.
- Remove the paper protecting the double seal cement bead.
- Position the double seal correctly in the door frame.
- Firmly apply the double seal over its entire surface area.

#### III - FINAL OPERATION.

- Check the water seal before refitting the door trim (see **Technical Note 653A, Bodywork fault finding: Water sealing test**).

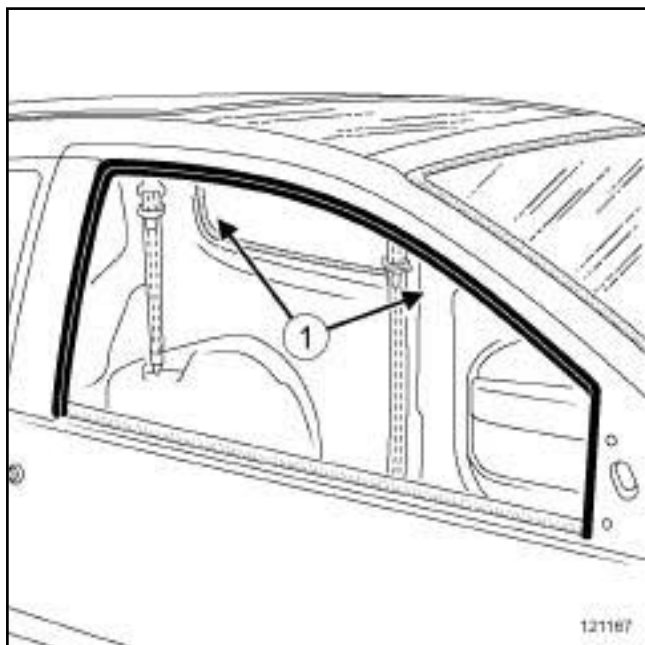
### REMOVAL

#### I - REMOVAL PREPARATION OPERATION

Remove:

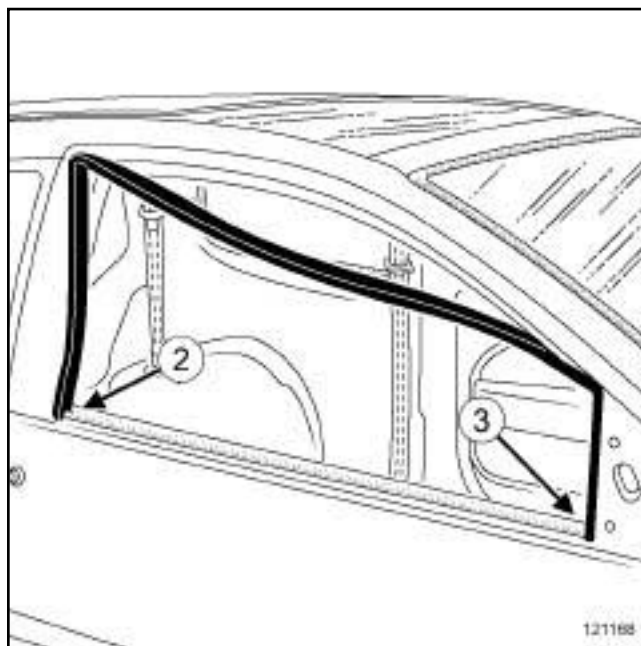
- the door mirror (see **Door mirror: Removal - Refitting**) (MR 412, 56A, Exterior equipment),
- the front side door exterior weatherstrip (see **66A, Window sealing, Front side door exterior weatherstrip: Removal - Refitting**, page **66A-2**).
- the front side door trim (see **Front side door trim: Removal - Refitting**) (MR 412, 72A, Side opening element trim).
- the front side door window (see **Front side door window: Removal - Refitting**) (MR 412, 54A, Windows).

#### II - OPERATION FOR REMOVAL OF PART CONCERNED



121167

- Partially remove the upper section (1) of the front side door run channel.



121168

121168

- Remove the front door window run channel at (2) and (3).

### REFITTING

#### I - REFITTING OPERATION FOR PART CONCERNED

- Refit the front door window run channel.

#### II - FINAL OPERATION.

Refit:

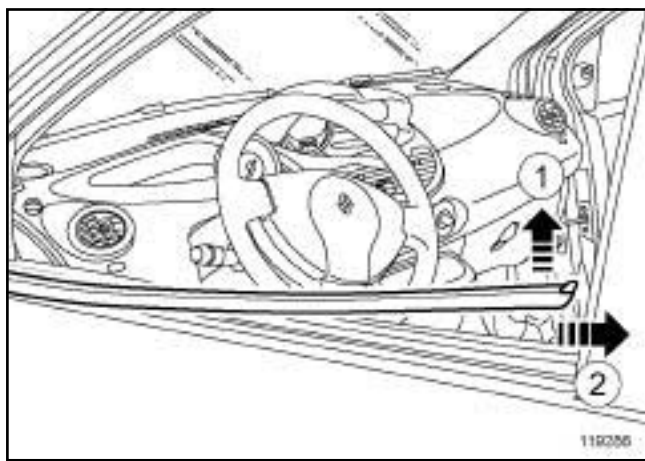
- the front side door window (see **Front side door window: Removal - Refitting**) (MR 412, 54A, Windows),
- the front side door trim (see **Front side door trim: Removal - Refitting**) (MR 412, 72A, Side opening element trim).
- the front side door exterior weatherstrip (see **66A, Window sealing, Front side door exterior weatherstrip: Removal - Refitting**, page **66A-2**).
- the door mirror (see **Door mirror: Removal - Refitting**) (MR 412, 56A, Exterior equipment).

### REMOVAL

#### I - REMOVAL PREPARATION OPERATION

- Lower the front side door window.

#### II - OPERATION FOR REMOVAL OF PART CONCERNED



119286

- Gently push the exterior weatherstrip towards the top of the door (1) .
- Remove the exterior weatherstrip towards the rear of the door (2) .

### REFITTING

#### I - REFITTING OPERATION FOR PART CONCERNED

- Insert the exterior weatherstrip under the door mirror.
- Refit the exterior weatherstrip in position.

#### II - FINAL OPERATION.

- Raise the front side door window.
- Check that the exterior weatherstrip is in the correct position.