

# FRONT SIDE OPENING ELEMENT: REMOVAL - REFITTING



Note, one or more warnings are present in this procedure



Location and specifications (tightening torques, parts always to be replaced, etc.)(see **Opening mechanism assembly of front side opening element: Exploded view**) .

- This operation can be carried out in two ways:
  - removal without hinges: used when replacing the door.
  - removal with hinges: allows the initial adjustments to be kept.



Note:

The front side door can be removed without removing the front wing.

## REMOVAL

### 1. REMOVAL PREPARATION OPERATION

#### **WARNING**

DANGER: Risk of serious injury due to short-circuiting or untimely triggering of an electrical system (pyrotechnic components, windscreen wiper motor, fan assembly etc.) following possible re-supply of the 12-volt supply circuit by the voltage converter.



Please follow the instructions regarding lockout of the 12 V supply circuit.

If the procedure fails, do not continue with your task and ask an employee who is qualified and authorised to work on a high-voltage onboard network to perform fault finding (see **Vehicle: Precautions for the repair**) .

- Disconnect the 12V supply circuit(see **12 V supply circuit : Lockout - Removal of lockout**) .

### 1- REMOVAL WITH HINGES

- Position the vehicle on a two-post lift(see **Vehicle: Towing and lifting**) .

- Remove:

- the front wheel(see **Front hub carrier assembly: Exploded view**) ,
- the front wheel arch liner(see **Exterior body front trim assembly: Exploded view**) .

## 2- SAME PROCEDURE FOR BOTH TYPES

- Extract the protector of the front side door wiring on the A-pillar.
- Disconnect the connector of the front side door wiring.

## 2. REMOVAL OPERATION

### 1- REMOVAL WITHOUT HINGES

- Remove (see **Opening mechanism assembly of front side opening element: Exploded view**) :
  - the front side door nuts,
  - the front side door (this operation requires two people).

### 2- REMOVAL WITH HINGES

- Remove (see **Opening mechanism assembly of front side opening element: Exploded view**) :
  - the front side door bolts,
  - the front side door nuts,
  - the front side door (this operation requires two people).

## REFITTING

### 1. REFITTING OPERATION

#### 1- REFITTING WITHOUT HINGES

- Proceed in the reverse order to removal.
- Adjust the front side door clearances and flush fittings([see 47A, Side opening elements, Front side opening element: Adjustment](#)) .
- Carry out a function test on all functions.



Note:

Apply a bead of sealing mastic(see **Vehicle: Parts and consumables for the repair**) to the door hinges(see **Anti-corrosion protection product before assembly: Use**) .

- ▣ Proceed in the reverse order to removal.
- ▣ Adjust the front side door clearances and flush fittings([see 47A, Side opening elements, Front side opening element: Adjustment](#)) .
- ▣ Carry out a function test on all functions.

## 2. FINAL OPERATION

- ▣ Connect the 12V supply circuit(see **12 V supply circuit : Lockout - Removal of lockout**) .



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