

ROOF: SEALING REPAIR



Note:

Before repairing the sealing, check the sealing of the zone concerned ([see 60A, General information, Vehicle: Sealing check](#)) .

1. PREPARATION OPERATION FOR REPAIRING THE SEALING

1- CHECK THE POSITION AND ADJUST IF NECESSARY:

- roof bar sealing plates,
- the tyre pressure for vehicles equipped with sunroof,
- the sunroof mobile panel seal [Sunroof seal: Removal - Refitting](#) (65A, Opening element sealing),
- the sunroof mobile panel [Sunroof mobile panel: Removal - Refitting](#) (52A, Non-side opening element mechanisms),
- the base of the radio aerial,
- the roof / side roof rail mastic filling.



Note:

If the seals are dirty, clean them in soapy water ([see 60A, General information, Vehicle sealing: General information](#)) .

2- WAS ANY ACTION PERFORMED?

- NO: move on to the next step.
- YES: check the sealing of the zone ([see 60A, General information, Roof: Sealing check](#)) .

☐ Was water present in the passenger compartment of the vehicle?

- YES: move on to the next step.
- NO: fault resolved.

2. SEALING REPAIR OPERATION

1- REPAIRING THE SEALING OF THE ROOF BARS

☐ Is water present in the passenger compartment after checking the sealing of the roof bars?

- NO: move on to the next step.
- YES:
 - a) if the roof bar mountings are loosened, tighten the roof bar mountings [Roof bar: Removal - Refitting](#) (56A, Exterior equipment),
 - b) if the roof bar sealing plates are deformed or cracked, replace the roof bar plates [Roof bar: Removal - Refitting](#) (56A, Exterior equipment),
 - c) if the panelwork is deformed in the roof bar contact area, flatten the contact area then check the plates; replace the plates if necessary [Roof bar: Removal - Refitting](#) (56A, Exterior equipment).

■ Check the sealing of the roof bars ([see 60A, General information, Roof: Sealing check](#)) .

2- REPAIRING THE SEALING OF THE SUNROOF MOBILE PANEL

- Is water present in the passenger compartment after checking the sealing of the sunroof mobile panel?
- NO: move on to the next step.
 - YES:
 - a) if the sunroof mobile panel is incorrectly positioned or poorly adjusted, adjust the clearances and flush fitting of the sunroof mobile panel [Sunroof mobile panel: Removal - Refitting](#) (52A, Non-side opening element mechanisms),
 - b) if the sunroof mobile panel seal is deformed, cracked or cut, replace the sunroof mobile panel seal [Sunroof seal: Removal - Refitting](#) (65A, Opening element sealing).

■ Check the sealing of the sunroof mobile panel ([see 60A, General information, Roof: Sealing check](#)) .

3- REPAIRING THE SEALING OF THE SUNROOF FIXED WINDOW OR FIXED GLASS ROOF WINDOW

- Is water present in the passenger compartment after checking the sealing of the sunroof fixed window or fixed glass roof window?
- NO: move on to the next step.
 - YES:
 - a) if the mastic of the sunroof fixed window or fixed glass roof window is faulty, remove the sunroof fixed window or the fixed glass roof window [Sunroof fixed window: Removal - Refitting](#) (54A, Windows), [Fixed glass roof front window: Removal - Refitting](#) (54A, Windows), [Fixed glass roof: Removal - Refitting](#) (54A, Windows), [Fixed glass roof rear window: Removal - Refitting](#) (54A, Windows),
 - re-apply the window bonding range [Window bonding: Description](#) (Technical Note 0560A, 54A, Windows) or [Bonding sunroof operating mechanisms: Description](#) (Technical Note 0560A, 54A, Windows).

■ Check the sealing of the sunroof fixed window or fixed glass roof window ([see 60A, General information, Roof: Sealing check](#)) .

4- REPAIRING THE SEALING OF THE SUNROOF FRAME OR FIXED GLASS ROOF FRAME

- Is water present in the passenger compartment after checking the sealing of the sunroof fixed window or fixed glass roof window?
- NO: move on to the next step.
 - YES:
 - a) if the mastic of the sunroof frame or fixed glass roof frame is faulty, remove the sunroof or fixed glass roof

[Sunroof: Removal - Refitting](#) (52A, Non-side opening element mechanisms), [Fixed glass roof: Removal - Refitting](#) (52A, Non-side opening element mechanisms),
■ reapply the bonding range to the sunroof or fixed glass roof [Window bonding: Description](#) (Technical Note 0560A, 54A, Windows) or [Bonding sunroof operating mechanisms: Description](#) (Technical Note 0560A, 54A, Windows).

■ Check the sealing of the sunroof or fixed glass roof ([see 60A, General information, Roof: Sealing check](#)) .

5- REPAIRING THE SEALING OF THE RADIO AERIAL

- Is water present in the passenger compartment after checking the sealing of the radio aerial?
- NO: move on to the next step.
 - YES:
 - a) if the radio aerial is loosened, tighten the radio aerial mounting [Radio aerial: Removal - Refitting](#) (86A, Radio),
 - b) if the radio aerial is deformed, cracked or cut, replace the radio aerial [Radio aerial: Removal - Refitting](#) (86A, Radio),
 - c) if the panelwork is deformed in the contact area of the radio aerial, flatten the contact zone then check the aerial, replace the radio aerial if necessary [Radio aerial: Removal - Refitting](#) (86A, Radio),
 - d) if the radio aerial does not present any faults, apply filler mastic between the aerial and the panelwork, then refit the radio aerial [Radio aerial: Removal - Refitting](#) (86A, Radio).
- Check the sealing of the radio aerial ([see 60A, General information, Roof: Sealing check](#)) .

6- REPAIRING THE MASTIC SEALING OF THE ROOF / SIDE ROOF RAIL

- Is water present in the passenger compartment after checking the mastic sealing of the roof / side roof rail?
- NO: Fault resolved.
 - YES:
 - a) if the roof / side roof rail mastic is faulty or incorrectly positioned, protect the area around the working area using masking tape, apply extruded mastic to the panelwork connections [Anti-corrosion protection products after assembly: Use](#) (04F, Bodywork products and mountings) and ([see 60A, General information, Bodywork sealing products: Description](#)) ,
 - apply the paint range [Steel bodywork component: Preparation and paint range](#) (94A, Paint application range for panels).
- Check the mastic sealing of the roof / side roof rail ([see 60A, General information, Roof: Sealing check](#)) .



Repair-40x07x02-01x95-1-1-1.xml



XSL version : 3.02 du 22/07/11