

# 70 84 19 Removing and installing roof lining - as of MY 2005

- Preliminary work
- Removing roof lining
- Installing roof lining
- Subsequent work

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## Preliminary work

### Preliminary work

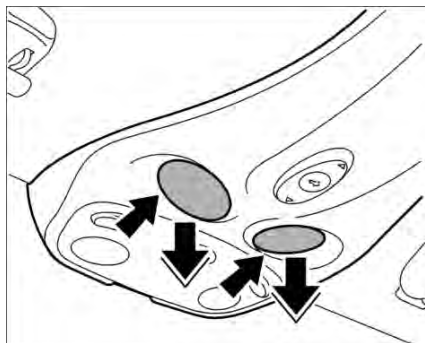
1. Remove A-pillar trim panel. [705749 21 Subsequent work on A-pillar trim panel - chapter on "Removing"](#)
2. Remove C-pillar trim. [706819 Removing and installing C-pillar trim - chapter on "removing"](#)
3. Remove and install sliding roof panel. [604019 Removing and installing sliding-roof panel - chapter on "Removing"](#)

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## Removing roof lining

### Removing cover for motor for sliding roof

1. Switch off ignition and remove ignition key.

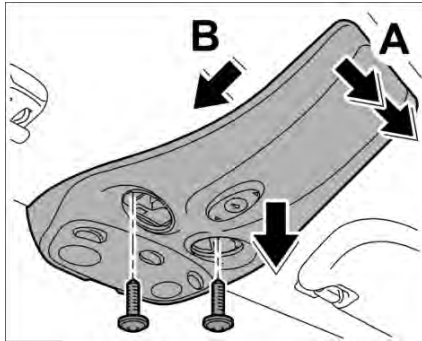


*Unclipping cover for fastening screws*

- 2.

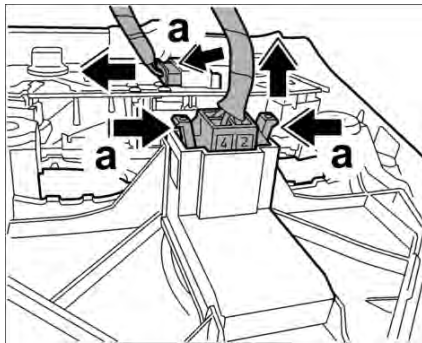
## Diagnostic system: reading out fault memory and activating systems

Using a small screwdriver, carefully unclip and remove the cover for the fastening screws at the openings **-arrows-** provided.



*Unclipping cover for motor for sliding roof*

3. Unscrew the two fastening screws.
4. Unclip cover for motor for sliding roof at the rear to the left and right **-arrows A-** and push it out to the front towards the windscreen **-arrow B-** .

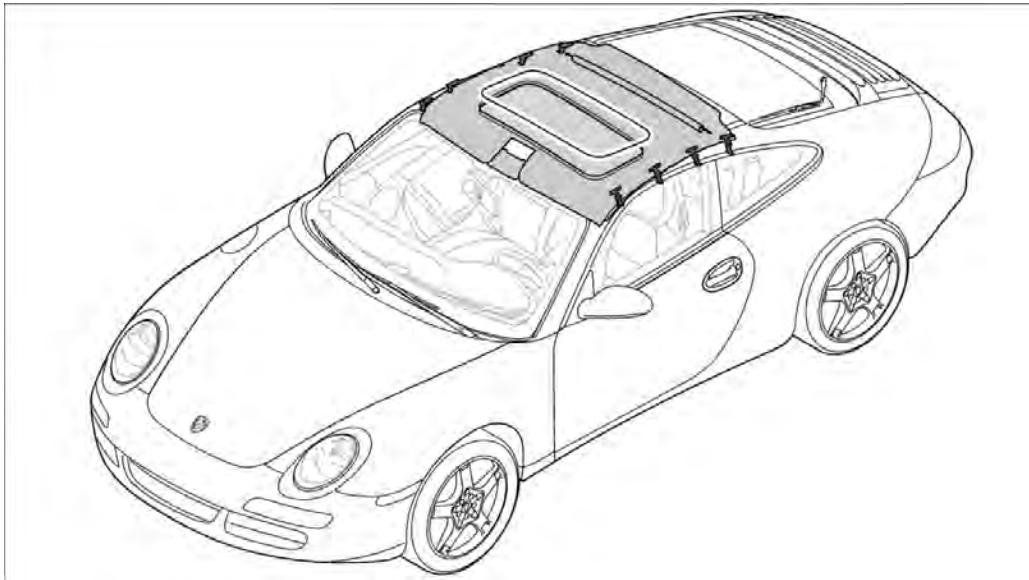


*Removing connectors at sliding roof switch and interior light*

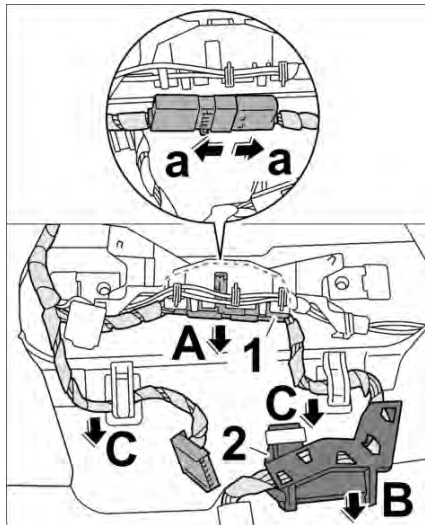
5. Release connectors at sliding roof switch and at the interior light **-arrows a-** and remove them. Remove cover for motor for sliding roof.

## Disconnecting electric plug connection

### Installation Location:



Installation position for headliner

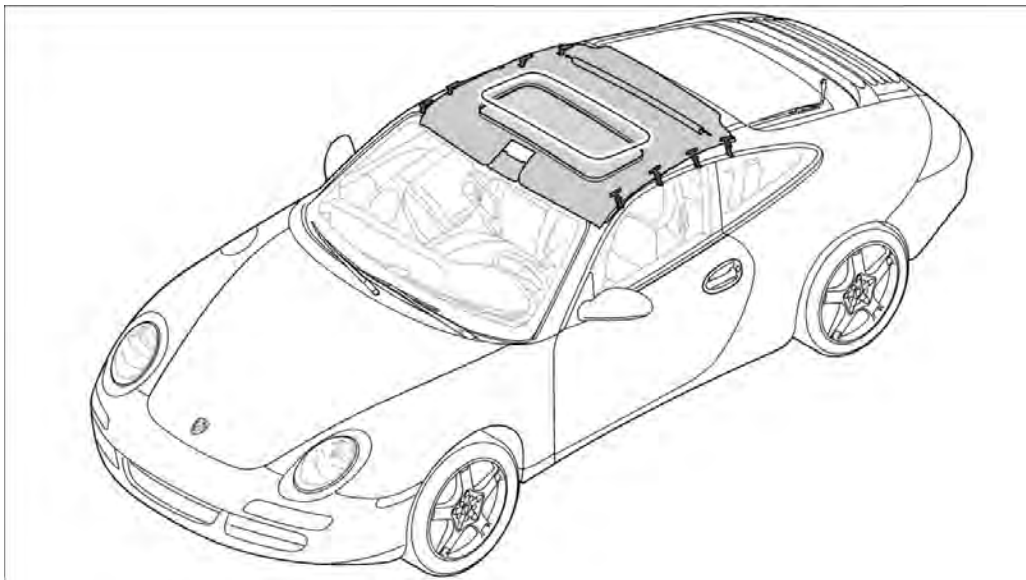


Disconnecting plug connection

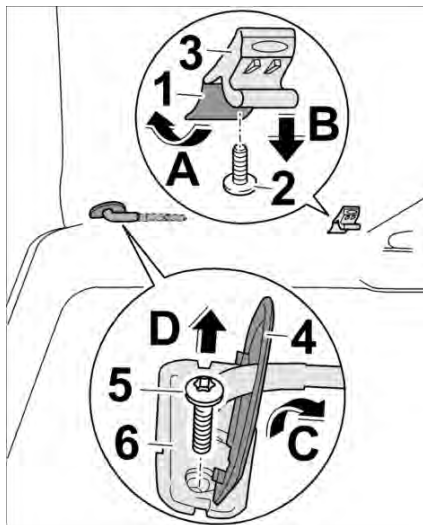
1. Unclip plug connection for interior mirror **-1-** from the support **-arrow A-** and disconnect connector **-arrows a-**.
2. Unclip support for wire harness **-2-** **-arrow B-** and disengage electric lines **-arrows C-**.

## Removing mounting saddle and pivot bearing for sun visor

### Installation Location:



*Installation position for headliner*

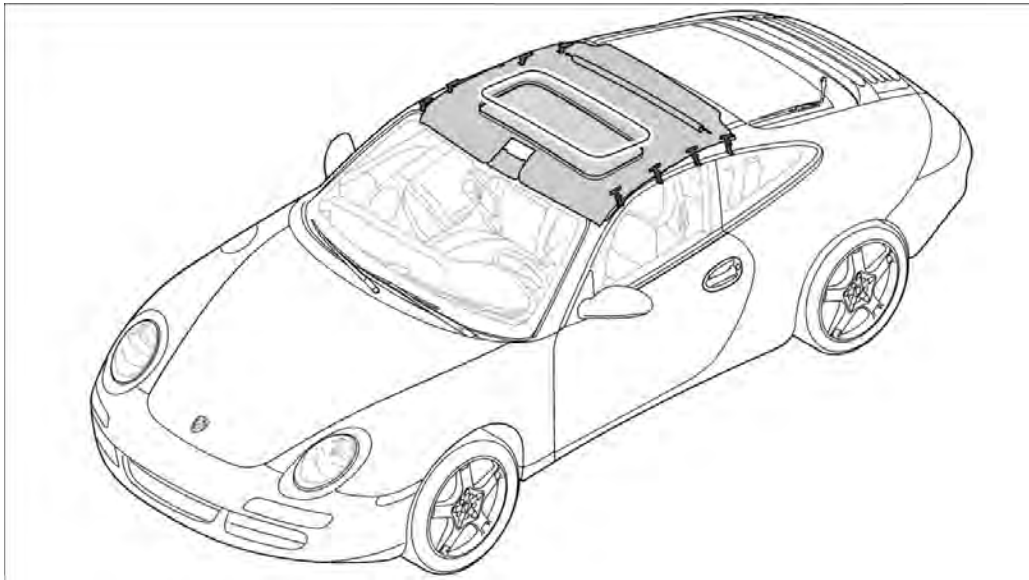


*Removing mounting saddle and pivot bearing*

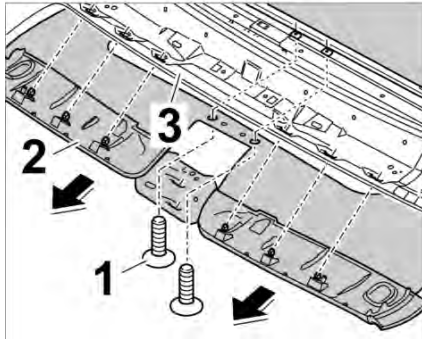
1. Unclip cap on the mounting saddle **-1-** with a screwdriver and open **-arrow A-** .
2. Unscrew fastening screw **-2-** and remove mounting saddle **-3-** **-arrow B-** .
3. Carefully insert a screwdriver between headliner and pivot bearing and release cover **-4-** **-arrow C-** .
4. Unscrew fastening screw **-5-** and remove pivot bearing **-6-** **-arrow D-** .

## Removing headliner

### Installation Location:

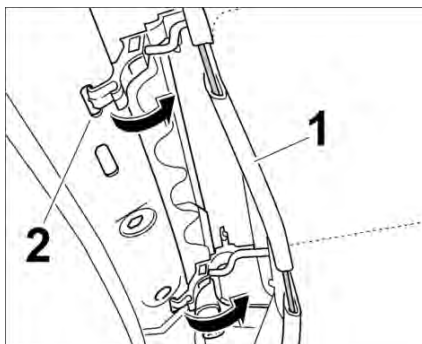


*Installation position for headliner*



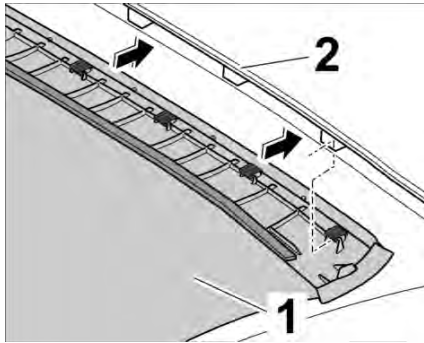
*Undoing headliner at the front*

1. Unscrew fastening screws **-1-** at the front in the headliner **-2-** and unclip the headliner from the cowl panel frame **-3-** in a downward direction at the left and right.



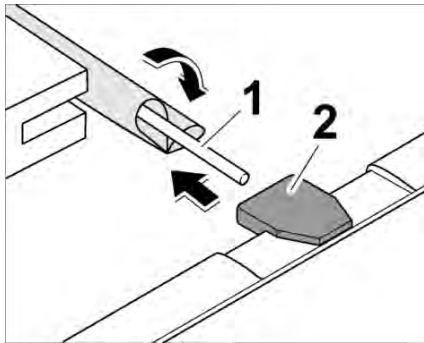
*Disengaging headliner at the sides*

2. Unclip the metal strut of the roof liner **-1-** from the plastic clips **-2-** at the right and left.



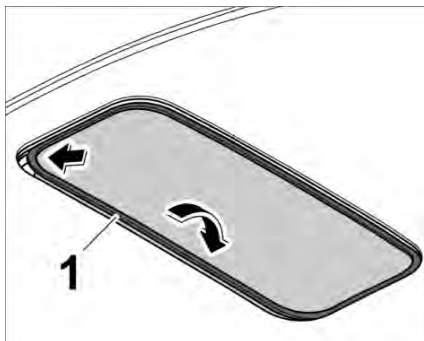
*Disengaging headliner at the rear*

3. Pull the rear headliner **-1-** towards the rear out of the roof frame **-2-** evenly on the left and right and disengage.



*Disengaging the metal strut*

4. Pull the metal brace contained in the fabric pocket **-1-** down in the centre so that it bends. Pull the metal strut **-1-** out of the bracket **-2-** on the left and right.



*Disengaging frame*

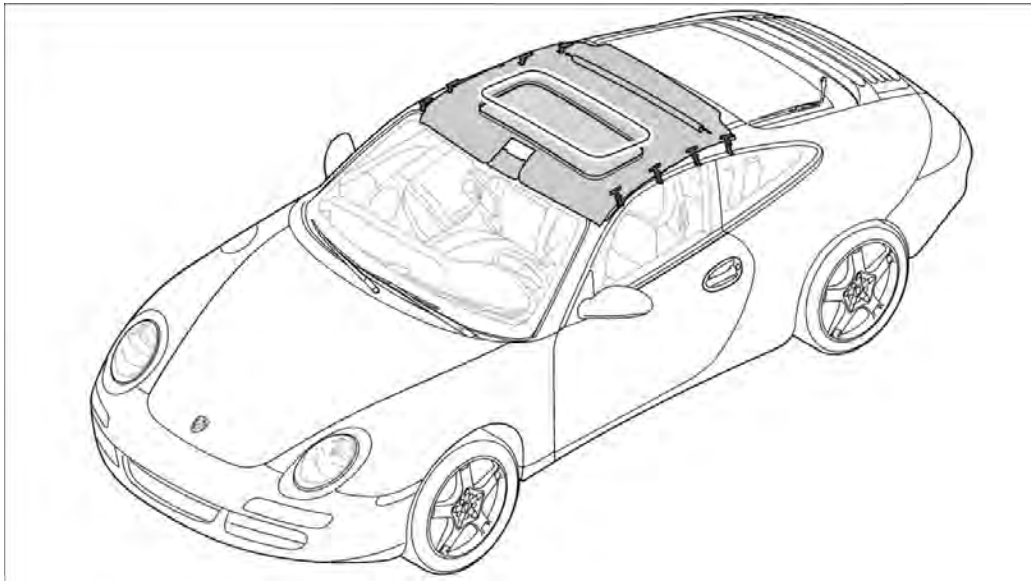
5. Pull the frame of the sliding roof cut-out backwards and downwards in the centre at the front, so that the frame overlap at the corners is reduced and it is possible to pull it out in a downward direction. Then pull out the roof frame **-1-** diagonally via the sliding roof cut-out inwards into the passenger compartment.

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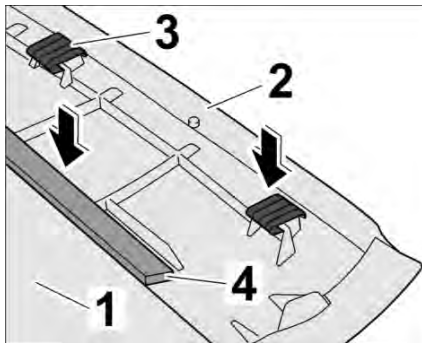
## Installing roof lining

## Fitting headliner

### Installation Location:

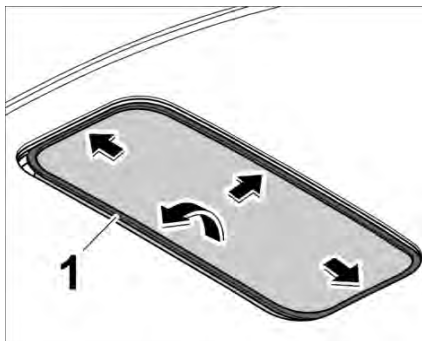


*Installation position for headliner*



*Checking roof lining*

1. Before installing the headliner **-1-**, carry out a visual inspection of the rear plastic lining **-2-** to check that the Styrofoam cover **-4-** and the self-adhesive fabric parts **-3-** on the locking peg are completely seated.

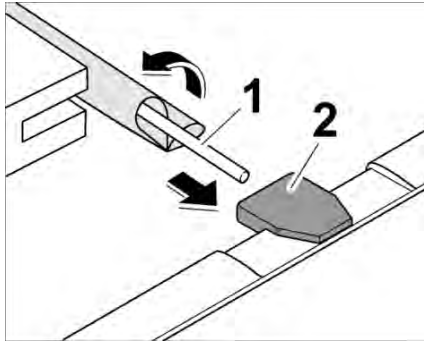


*Fitting frame*

2. Insert the roof frame **-1-** diagonally from the inside via the sliding roof cut-out of the passenger compartment. At the same time, pull the frame backwards in the centre at the front of the sliding

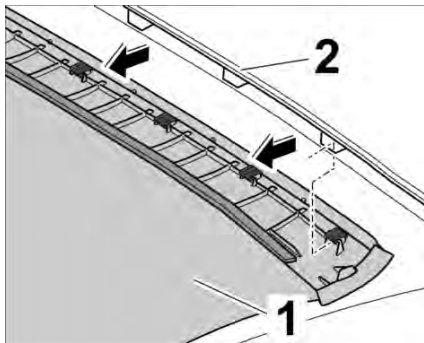
## Diagnostic system: reading out fault memory and activating systems

roof cut-out, so that the frame overlap at the corners is reduced and it is possible to insert the frame into the sliding roof cut-out.



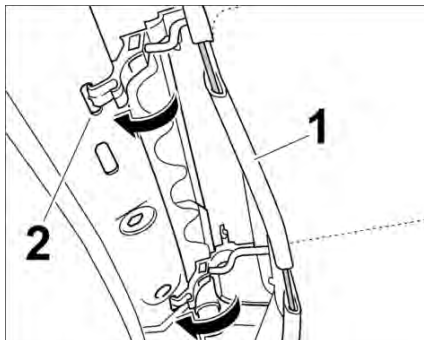
*Engaging metal strut*

3. Pull the metal brace contained in the fabric pocket **-1-** down in the centre so that it bends. Engage the metal strut in the bracket **-2-** on the left and right.



*Engaging headliner at the rear*

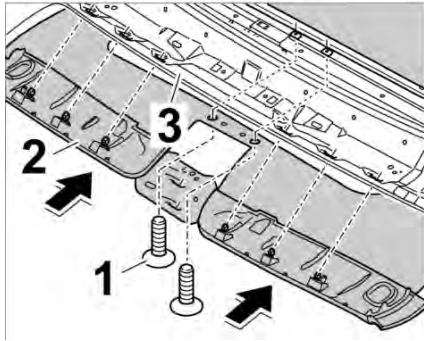
4. Engage the headliner towards the rear into the roof frame evenly on the left and right.



*Engaging headliner at the sides*

5. Engage the metal strut of the roof liner **-1-** in the plastic clips **-2-** at the left and right.



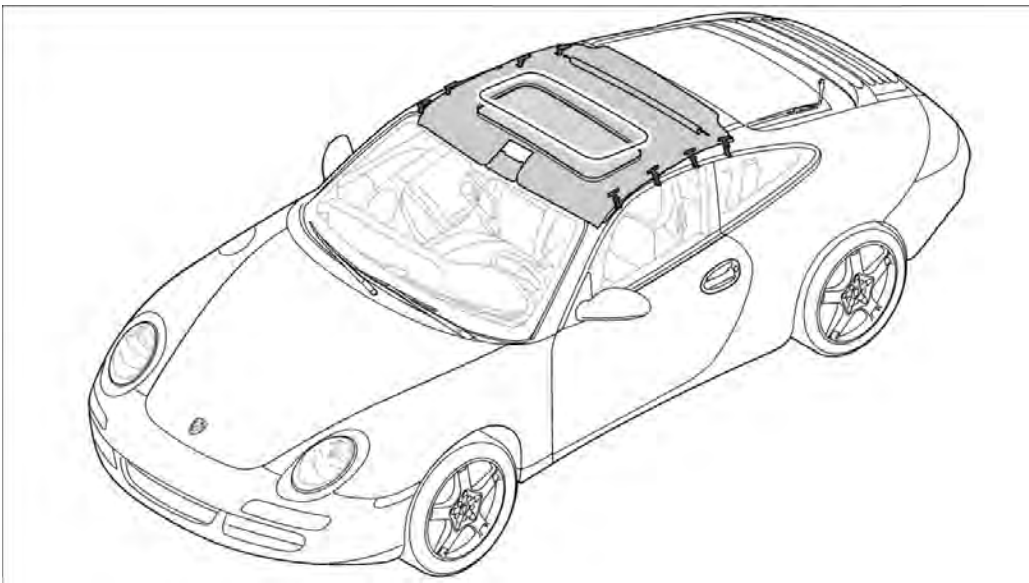


*Clipping in headliner at the front*

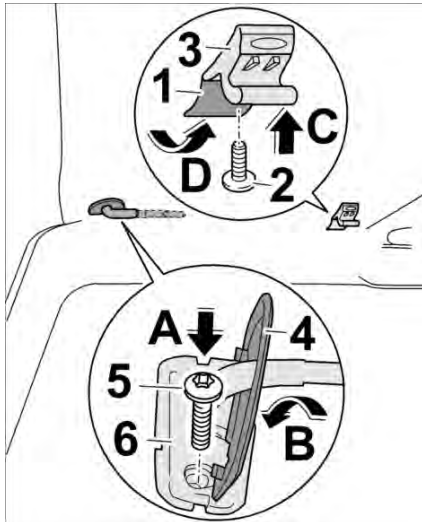
6. Position the headliner **-2-** at the left and right on the cowl panel frame **-3-** and clip in. Tighten fastening screws **-1-**.

## Installing mounting saddle and pivot bearing for sun visor

### Installation Location:



*Installation position for headliner*

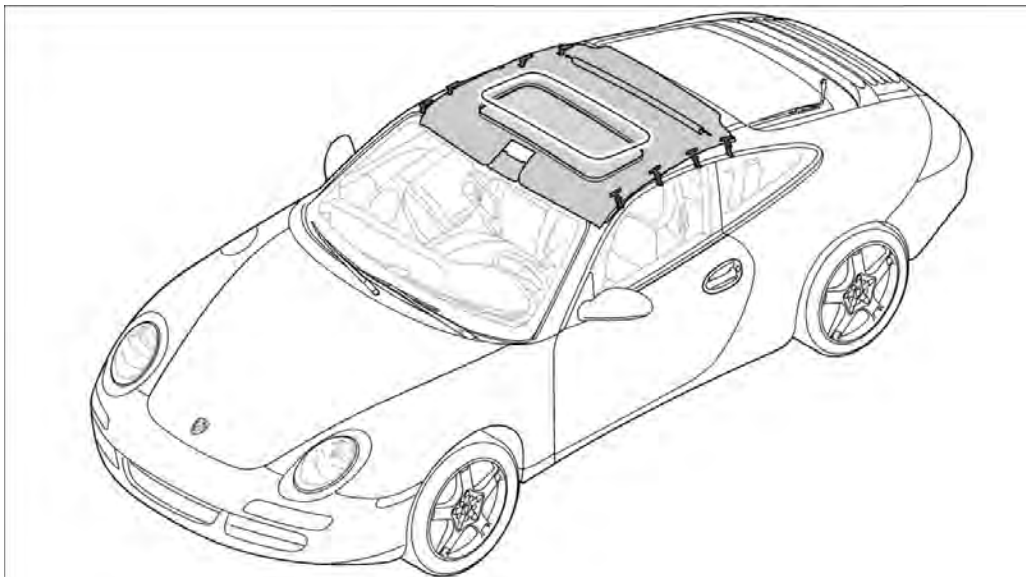


*Installing mounting saddle and pivot bearing*

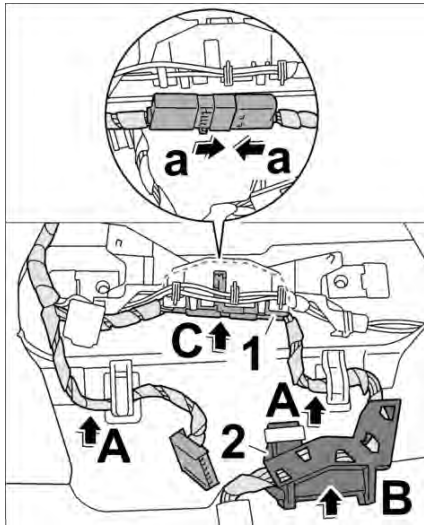
1. Press in pivot bearing **-6-** until it clicks into place **-arrow A-** and tighten with fastening screw **-5-**.  
Tightening screw **Tightening torque: 5 (3.5 ftlb.) Nm +0.5 (0.5 ftlb.) Nm**
2. Press in cover for pivot bearing **-4-** **-arrow B-**.
3. Position mounting saddle **-3-** at the top on the roof liner **-arrow C-** and secure using the fastening screw **-2-**. Tightening torque **Tightening torque: 2.5 (2 ftlb.) Nm +0.5 (0.5 ftlb.) Nm**
4. Press in cap **-1-** on mounting saddle **-arrow D-**.

## Locking electric plug connection

### Installation Location:



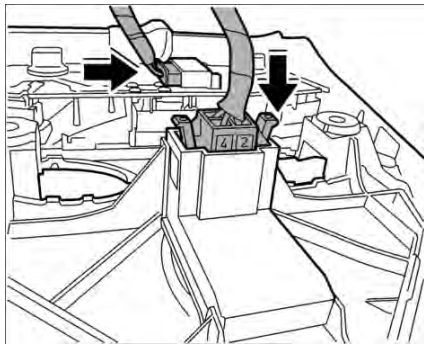
*Installation position for headliner*



*Locking plug connections*

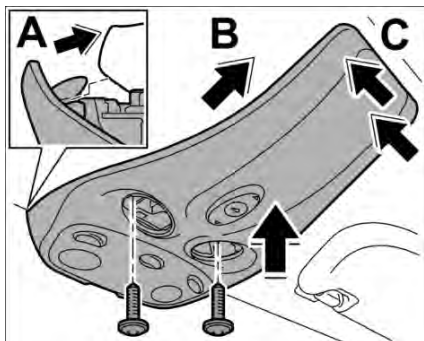
1. Engage electric lines **-arrows A-** and clip in support for wire harness **-2- -arrow B-** .
2. Connect electric plug connection for interior mirror **-1- -arrows a-** and clip into the support **-arrow C-** .

## Installing cover for sunroof motor



*Plugging in connectors on interior light and sunroof switch*

1. Position cover for sunroof motor. Plug in the connectors on the interior light and the sunroof switch until they are felt to engage.

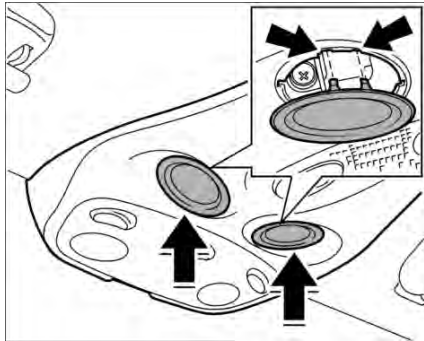


*Clipping in cover of sunroof motor*

- 2.

## Diagnostic system: reading out fault memory and activating systems

Using the clips, engage cover for sunroof motor on roof frame **-arrow A-** , push back towards sunroof **-arrow B-** and clip in at the rear to the left and right **-arrows C-** .



*Clipping in cover for fastening screws*

3. Insert cover of fastening screws into the mounts on the sunroof motor cover **-arrows-** and clip it in.
4. Switch on ignition and check that sunroof switch and interior light are working.

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## Subsequent work

### Subsequent work

1. Install sliding-roof panel. [604019 Removing and installing sliding-roof panel - chapter on "Installing"](#)
2. Install A-pillar trim. [705719 Removing and installing A-pillar trim - "Installing" section](#)
3. Install C-pillar trim. [706819 Removing and installing C-pillar trim - chapter on "installing"](#)

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997110, 997111, 997120, 997121, 997410, 997411, 997430, 997431

as of MY 2005

Country C00, C02, C05, C07, C08, C09, C10, C11, C12, C13, C14, C15, C16, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C32, C33, C34, C35, C36, C37, C38, C39, C45, C46, C98, C99



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## Diagnostic system: reading out fault memory and activating systems

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- **For technical reasons, it can currently not be ruled out that the correspondence between text and associated figure can be lost when it is printed out, even though the display on the screen is correct.**
- **If the fault is not noticed, there is the danger that work will not be performed correctly which can cause injury and damage.**

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- **Se tale difetto non viene rilevato vi è il pericolo che i lavori non siano eseguiti correttamente; ciò può avere come conseguenza lesioni e danneggiamenti.**

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Diagnostic system: reading out fault memory and activating systems

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- **Si este error pasara desapercibido, existe el riesgo de que los trabajos no se ejecuten de forma correcta y, por tanto, se produzcan daños personales y materiales.**

Por ello le rogamos que tras el proceso de impresión compare siempre las copias impresas con la imagen de la pantalla. En caso de error, corrija las copias impresas de forma que se correspondan con el contenido de la imagen de la pantalla.