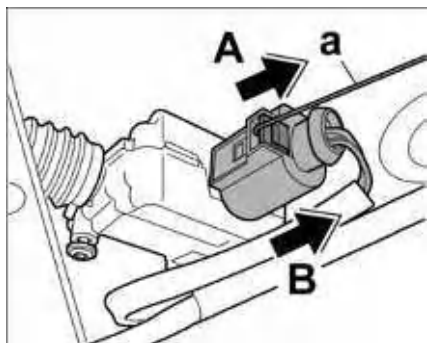
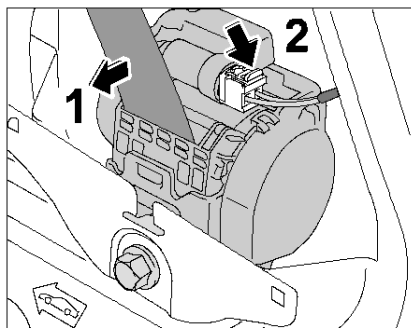


Procedure for releasing connectors that are difficult to move



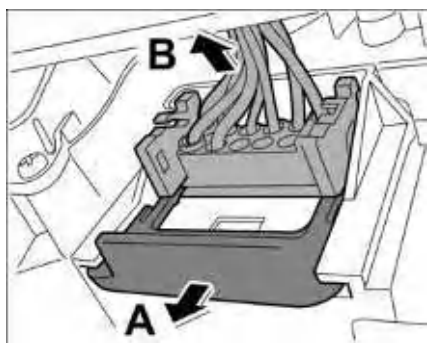
Pulling connector off lid-release motor from rear

1. Pull connector off lid-release motor.
- 1.1. Release connector on motor for lid-release with suitable auxiliary materials (e.g.. angled piece of wire with diameter of approx. 1mm) **-a- -arrow A-** and pull off **-arrow B-** .
Engage wire at the release. Pulling on the wire in direction of arrow releases the connector and can be pulled off.



Releasing connector for seat-belt tensioner

2. Pull off connector on seat belt tensioner.
- 2.1. Release connector **-2-** on seat-belt tensioner with a screw driver in **-direction of arrow-** .
- 2.2. Pull off connector on seat belt tensioner.



Pulling off connector on headlight

Gefahr des Verlusts der Text-Bild-Zuordnung beim Ausdruck.

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Therefore, always compare printouts with the screen display after printing them out. Correct the printouts if they are faulty so that the content of the screen display matches that on the printouts.



AVERTISSEMENT

Risque de perte de la correspondance texte-illustration lors de l'impression papier.

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- **Si l'erreur passe inaperçue, on court le risque d'exécuter certaines opérations de manière incorrecte pouvant conduire à des dommages corporels et matériels.**

Comparez impérativement pour cette raison les impressions papier avec l'affichage à l'écran. Corrigez-les en cas d'erreur de manière à reproduire correctement l'affichage à l'écran.



ATTENZIONE

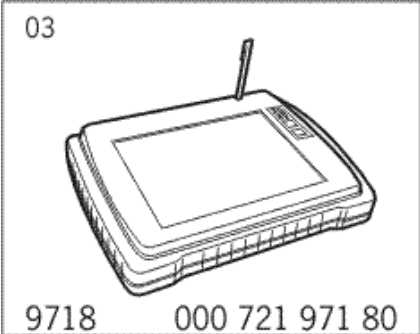
Pericolo di perdita dell'abbinamento testo-immagine nella stampa.

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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.**

03 35 00 On-board diagnosis (OBD) - as of MY 2005

- Reading out and erasing fault memory

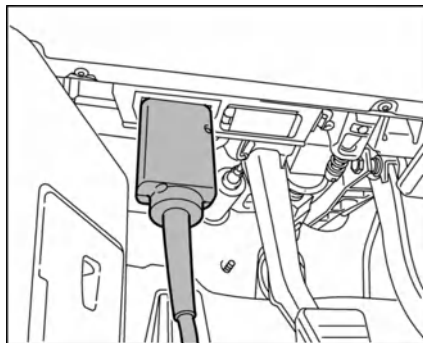
Tools

Designation	Type	Number	Explanation	
PIWIS tester	special tool	9718		 A handheld electronic device with a screen and a small antenna. The number '03' is in the top left corner of the image frame, and '9718 000 721 971 80' is in the bottom left corner.

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Reading out and erasing fault memory

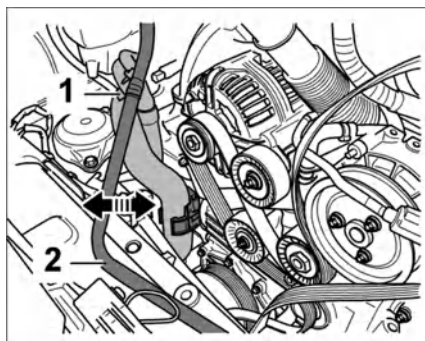
Reading out and erasing fault memory



Diagnostic socket

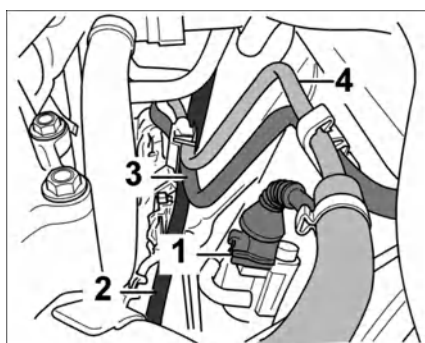
The **PIWIS tester 9718** is connected to the vehicle via a diagnostic socket. The diagnosis socket is located inside the vehicle in the vicinity of the driver's A-pillar below the instrument panel.

1. Start the **PIWIS tester 9718** and follow the instructions on the tester.
2. Select vehicle type, press >> and start the automatic control unit search.
3. If an asterisk appears in front of the relevant control unit, read out the fault memory and follow the instructions on the tester.



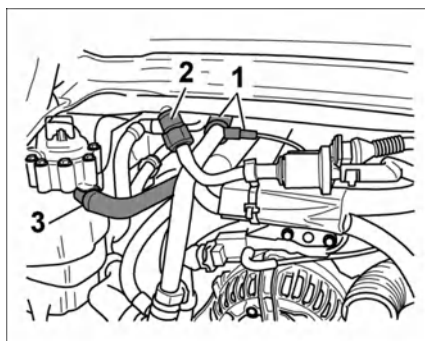
Removing hoses

1. Unclip the two coolant hoses **-1-** and aluminium pipe of the brake booster **-2-** from the holders on the transverse member and carefully lay to one side.



Removing plastic lines

2. Remove plastic lines from holder **-3 und 4-** and pull off cable plug from switch-over valve **-1-**.



Left engine compartment line connections

3. Open line connections in left of engine compartment.
 - 3.1. Loosen the vacuum lines for the brake booster **-1-**. For the tandem pump feed line, remove the plastic protection, push the holder forward and pull off the line. Immediately put plastic protection back in place.
 - 3.2. Disconnect tank vent line **-2-**. In order to do this, press the lugs of the rapid-action coupling and pull off the line (vent line remains fitted **-3-**).



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ADVERTENCIA

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44 05 19 Removing and installing wheel - as of MY 2005

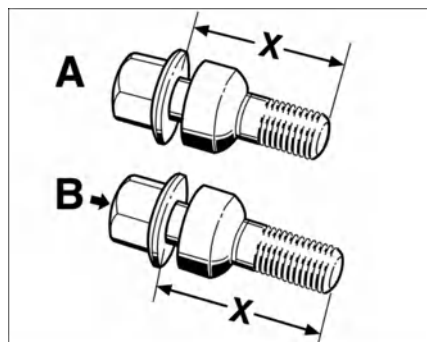
- [Information](#)
- [Removing wheel](#)
- [Installing wheel](#)

[top of page](#)

Information

Wheel mounting

The wheels of the 911 Carrera (997) are tightened using the same standard wheel bolts **-A-** (M14 x 1.5) as are used on the 911 Carrera (996). Length: Dimension **-X-** **Screw length: approximately 45 mm** .



Wheel bolt length

The longer wheel bolts **-B-** dimension **-X-** **Screw length: approximately 50 mm** will be used for the 911 GT3 (996) - up to model year 2003. Designation with GT or red colour **-arrow-** .

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Removing wheel

Removing wheel



Note

- *Use suitable commercially available tools (wrench size 19 mm)! Never use an impact bolter to tighten the wheel bolts.*

Diagnostic system: reading out fault memory and activating systems

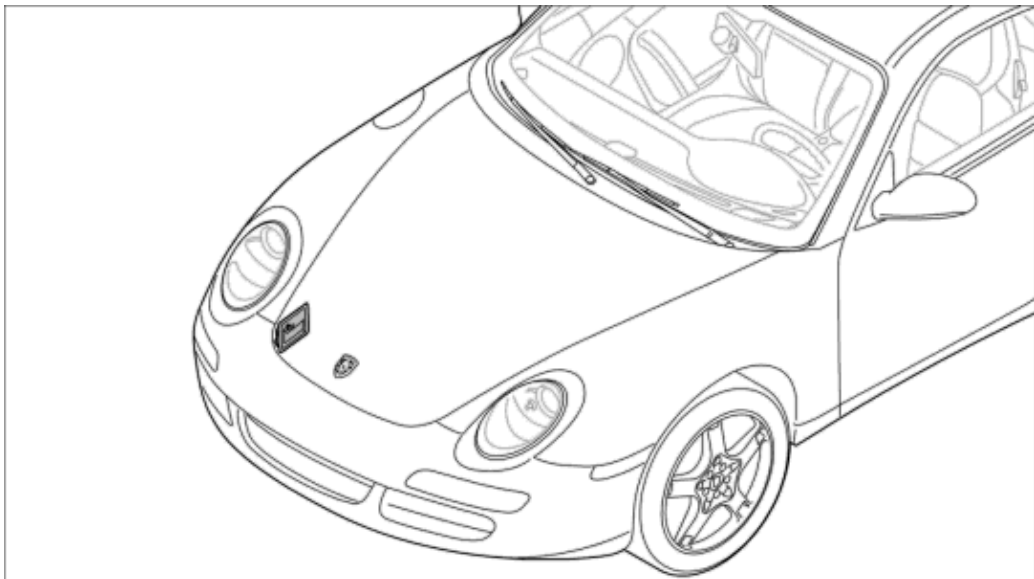
Disconnect electric plug connection **-1-** for microswitch and remove release handle **-2-** .

[top of page](#)

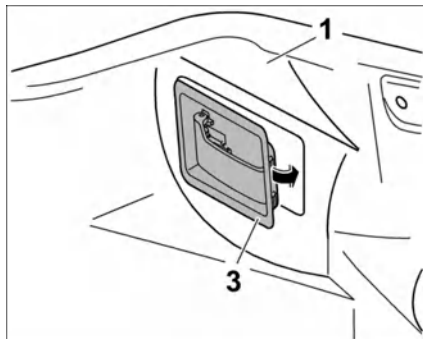
Installing front emergency release

Installing front emergency release

Installation Location:



Installation position of front emergency release



Installing the finger plate

1. Clip finger plate **-3-** into luggage compartment lining **-1-** .

61 02 19 Removing and installing hardtop - as of MY 2005

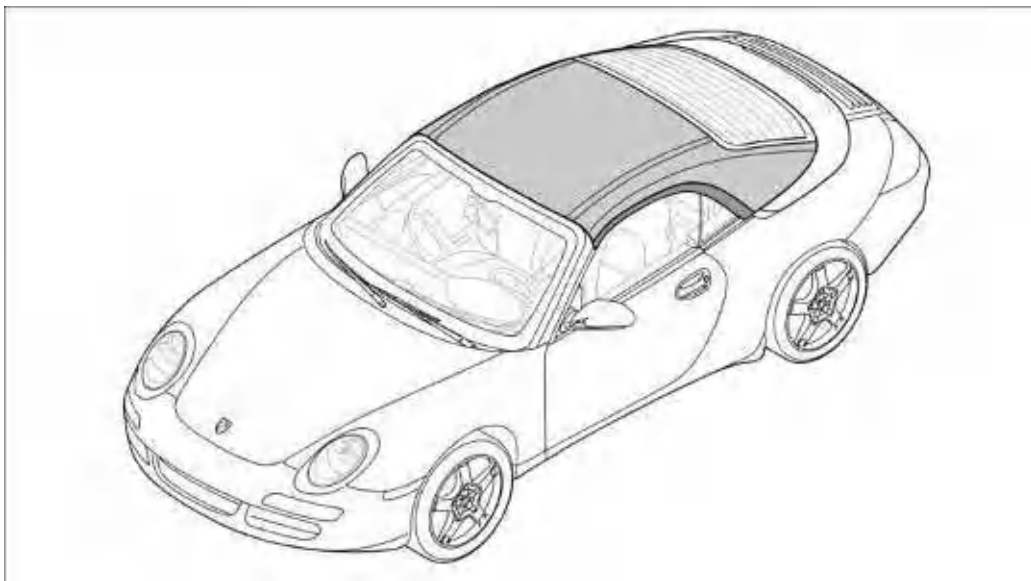
- Removing hardtop
- Installing hardtop

[top of page](#)

Removing hardtop

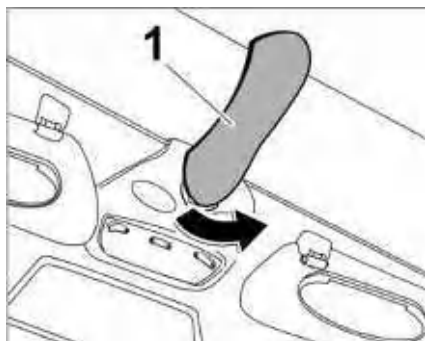
Removing hardtop

Installation Location:

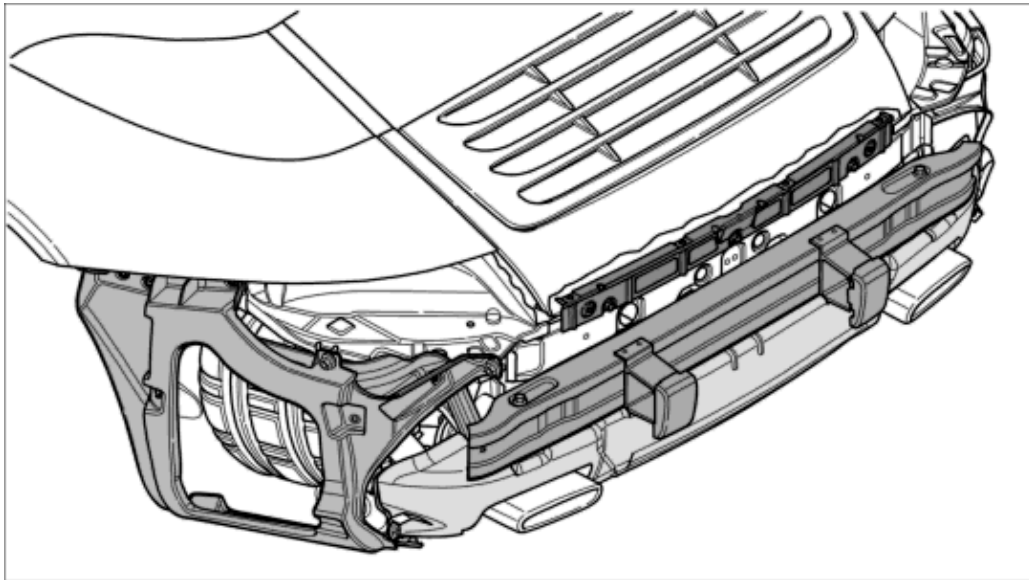


Main illustration, removing and installing hardtop

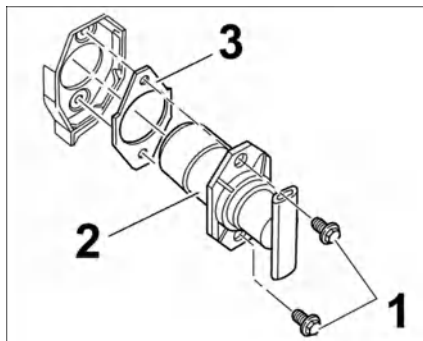
1. Open all four side windows.



Pulling off cover for locking lever



Overview, rear impact absorber



Installing impact absorber

1. Position the impact absorber (Canada version) **-2-** with seal **-3-** .
2. Screw in M8 x 30 fastening screws **-1-** and tighten at tightening torque with **Fasten final tightening : 23 (17) Nm (ftlb.)** .

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Subsequent work

Subsequent work

1. Install rear bumper. *23 Removing and installing rear bumper - installing*
2. Install rear apron. *23 Removing and installing rear apron - installing*

997110, 997120, 997310, 997320, 997410, 997430, 997610, 997620

66 82 19 Removing and reinstalling mirror adjuster motor - as of MY 2005

- Preliminary work
- Removing mirror adjuster motor
- Installing mirror adjuster motor
- Subsequent work

[top of page](#)

Preliminary work

Preliminary work

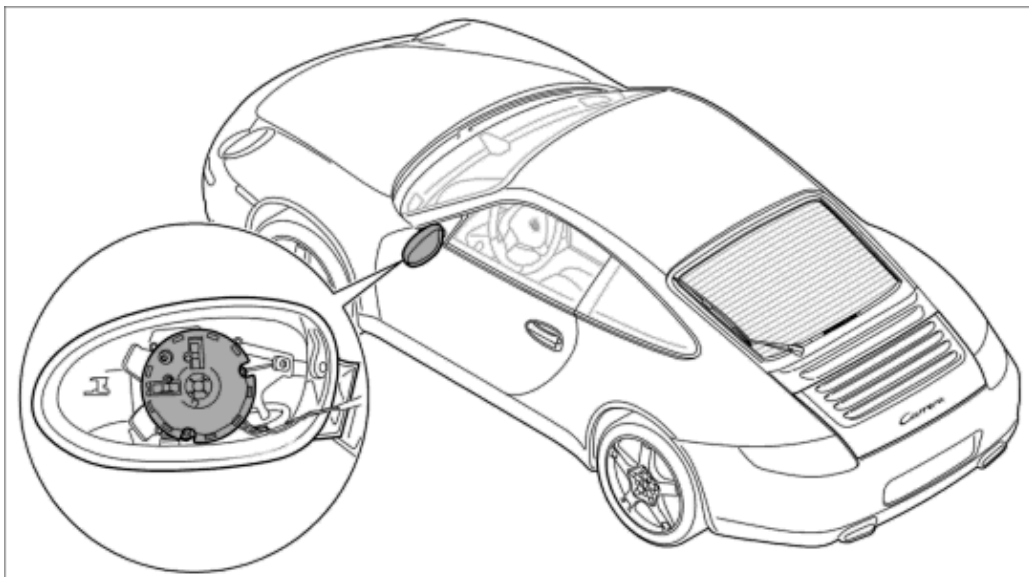
Remove mirror glass. 667819 21 Removing and reinstalling mirror glass - chapter on "Removing"

[top of page](#)

Removing mirror adjuster motor

Removing mirror adjusting motor

Installation Location:

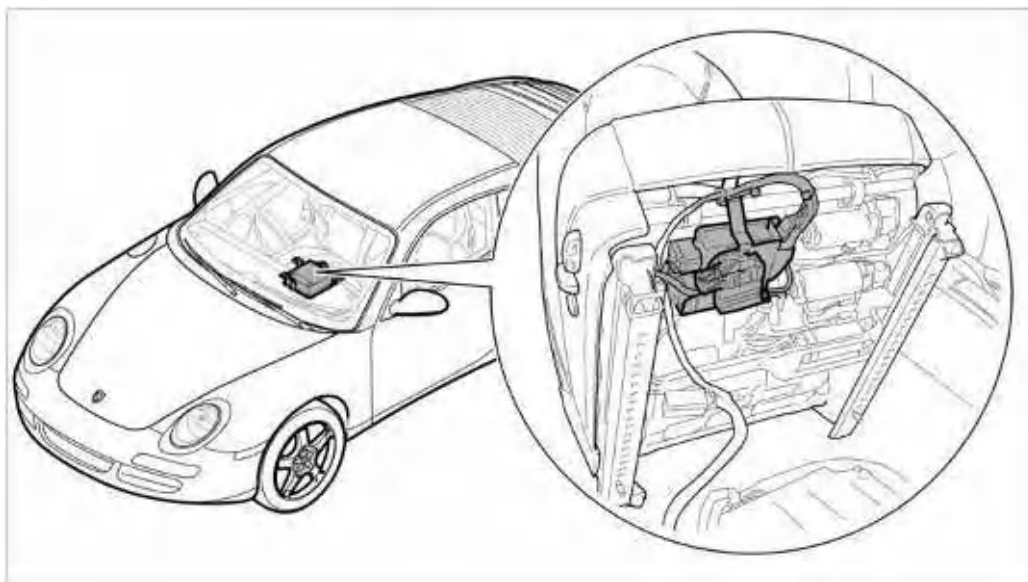


Overview of mirror adjusting motor

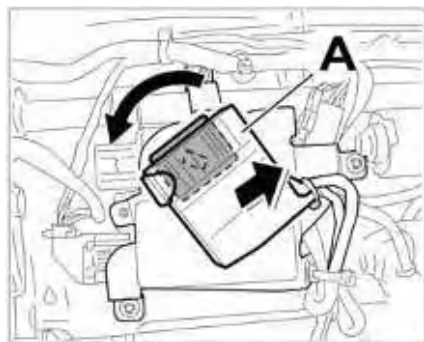
Removing AWS control unit

Removing AWS control unit

Installation Location:

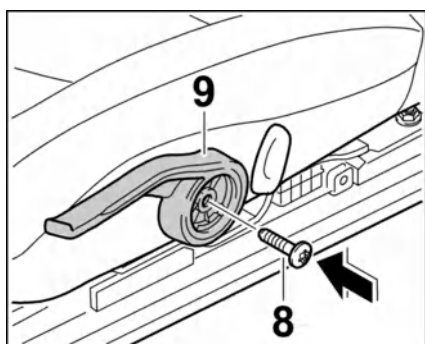


Installation position



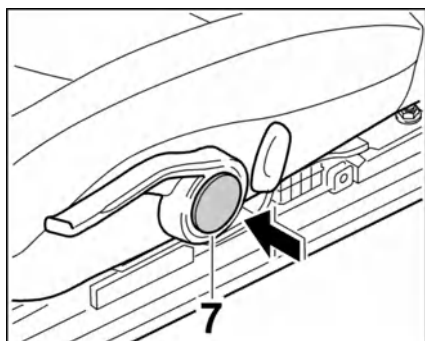
Loosening seat central connector

1. Turn seat central connector **A** at AWS holder to the left and remove from the holder.



Screwing down lever

3. Position lever 9 on seat, screw down fastening screw 8. **Tightening torque: 4.5 ftlb.**



Pressing in trim panel

4. Press in trim panel.

Subsequent work

1. Install front seat. 720119 Removing and installing front seat - chapter on "Installing" [997110 997120 997310 997320 997410 997430 997610 997620] 720119 Removing and installing front seat - chapter on "Installing" [997111 997121 997311 997321 997411 997431 997611 997621]

997110, 997111, 997120, 997121, 997310, 997311, 997320, 997321, 997410, 997411, 997430, 997431, 997610, 997611, 997620, 997621

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



WARNUNG

Gefahr des Verlusts der Text-Bild-Zuordnung beim Ausdruck.

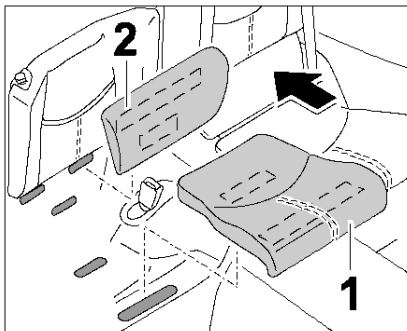
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2. Pull off lumbar part **-2-** to the front.

[top of page](#)

Installing rear seat cushion

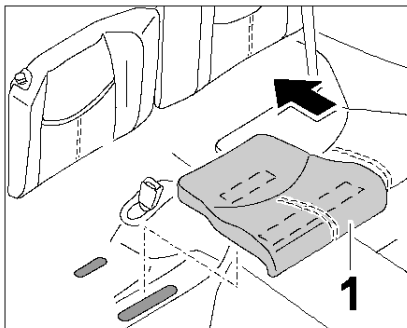
Installing back seat cushion



Installing back seat cushion

1. Press the lumbar part **-2-** on to the Velcro fastenings.
2. Press back seat cushion **-1-** on to the Velcro fastenings.

Installing back seat cushion



Installing back seat cushion

1. Press back seat cushion **-1-** on to the Velcro fastenings.

Removing back seat cushion

Diagnostic system: reading out fault memory and activating systems

Therefore, always compare printouts with the screen display after printing them out. Correct the printouts if they are faulty so that the content of the screen display matches that on the printouts.



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Diagnostic system: reading out fault memory and activating systems

18. Install trim panels for luggage compartment. 700519 23 Removing and installing trim panel for front luggage compartment - section on "Installing"
19. Install loudspeaker amplifier. 914419 Removing and installing loudspeaker amplifier - section on "Installing" [997110 997111 997120 997121 997310 997311 997320 997321] 914419 Removing and installing loudspeaker amplifier - section on "Installing" [997410 997411 997430 997431 997610 997611 997620 997621]
20. Install navigation unit with retaining frame. 911219 Removing and installing navigation unit - section on "Installing" [997410 997411 997430 997431 997610 997611 997620 997621] 911219 Removing and installing navigation unit - section on "Installing" [997110 997111 997120 997121 997310 997311 997320 997321]
21. Install CD changer. 916019 Removing and installing CD changer - section on "Installing" [997110 997111 997120 997121 997310 997311 997320 997321] 916019 Removing and installing CD changer - section on "Installing" [997410 997411 997430 997431 997610 997611 997620 997621]
22. Install plenum panel cover. 852219 Removing and installing cover - section on "Installing"
23. Install battery. 270619 Removing and installing battery - section on "Installing"

997110, 997111, 997120, 997121, 997310, 997311, 997320, 997321, 997410, 997411, 997430, 997431, 997610, 997611, 997620, 997621

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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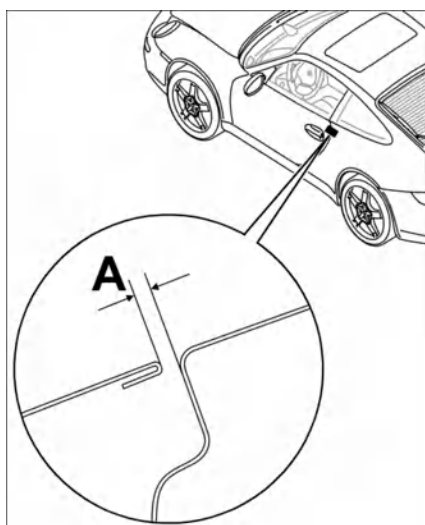


WARNUNG

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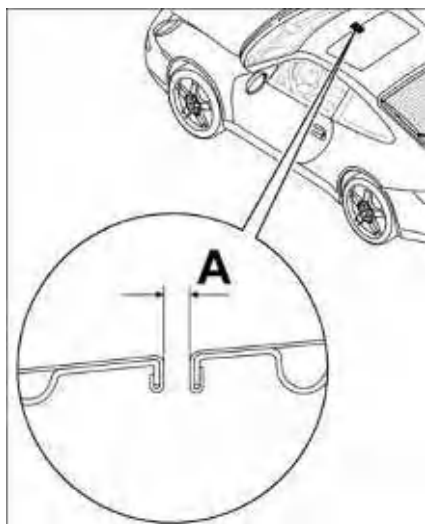
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Diagnostic system: reading out fault memory and activating systems



Door to outer side panel

Location	Explanation	Type	Basic value	Tolerance 1	Tolerance 2
Door to outer side panel	Doors only raised	Gap dimension A	4 mm	+/-0.8 mm	



Sliding-roof panel at front to outer roof panel

Location	Explanation	Type	Basic value	Tolerance 1	Tolerance 2
Sliding roof panel at front to outer roof panel	Only lowered at front	Gap dimension A	5 mm		