

34 35 27 Removing and refitting transmission - as of MY 2005

- [Preliminary work](#)
- [Removing transmission](#)
- [Refitting transmission](#)
- [Subsequent work](#)

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Preliminary work

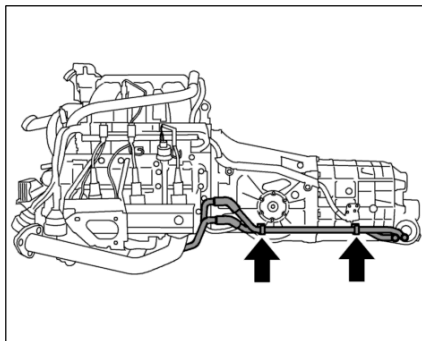
Preliminary work

1. Remove engine-transmission unit. [100119 Removing and installing engine - "Removing" section](#)

[top of page](#)

Removing transmission

Removing transmission



Coolant lines

1. Unclip coolant lines from the holders.

Subsequent work

Subsequent work for Tiptronic control module (also referred to generally as control unit below)

If a new control unit has been installed, it must be programmed/coded. [373019 Removing and installing transmission control module - chapter on "programming"](#); [373019 Removing and installing transmission control module - chapter on "coding"](#)

Insert scuff plate. [680519 Removing and installing inner door sill trim - chapter on "installing"](#)

Install rear side trim panel on the right. [707519 Removing and installing rear side trim panel - chapter on "installing"](#) [997310 997311 997320 997321 997610 997611 997620 997621] [707519 Removing and installing rear side trim panel - chapter on "installing"](#) [997110 997111 997120 997121 997410 997411 997430 997431]

Install front seat. [720123 23 Removing and installing front seat - chapter on "installing"](#)

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Programming Tiptronic control module

Reading out from and writing in to the Tiptronic control unit (also referred to generally as control unit below)



WARNING

Sudden voltage interruption of the power supply to the control module.

- **Destruction of the control module.**

During programming, it is essential to guarantee the power supply for the Porsche System tester. It is essential to connect a battery charger with a current rating of at least 40 A to the vehicle battery.

Prior to disconnecting the control module, switch off the ignition and remove the ignition key.



Note

The **PIWIS tester 9718** instructions take precedence and in the event of a discrepancy these are the instructions that must be followed. Deviations may occur with later software versions.

The procedure described here has been structured in general terms; different text or additions may appear in the **PIWIS tester 9718**.

1. Connect the Porsche System Tester to the vehicle and start the System Tester. Switch on ignition. >>
Continue.

Diagnostic system: reading out fault memory and activating systems

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Vergleichen Sie deshalb nach dem Druckvorgang unbedingt die Ausdrücke mit der Bildschirmdarstellung. Korrigieren Sie die Ausdrücke im Fehlerfall so, daß der Inhalt der Bildschirmdarstellung zutreffend wiedergegeben wird.



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ATTENZIONE

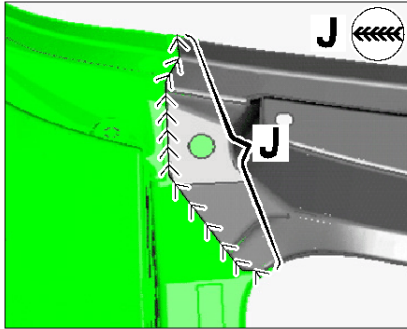
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ADVERTENCIA



Welding joints using inert gas

11. Welding joint using inert gas

11.1. Apply a full weld to joint **J** of lower side member using inert gas.

997310, 997311, 997320, 997321

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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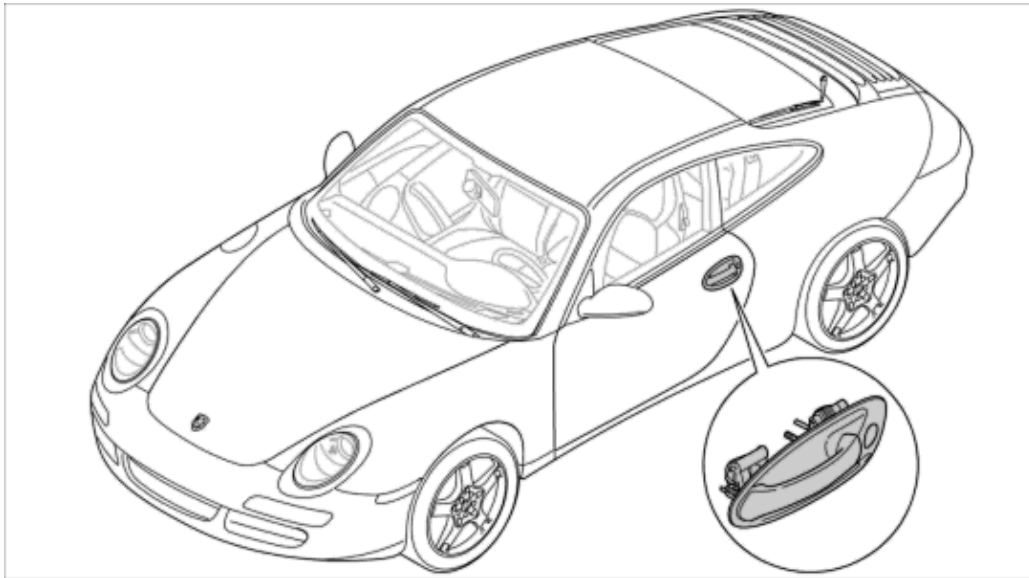
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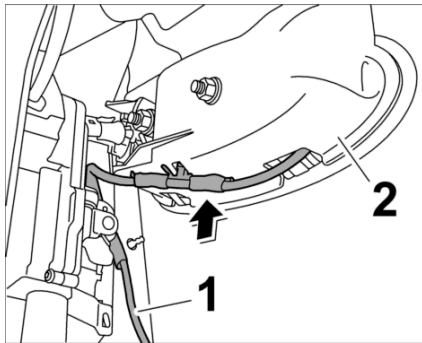
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AVERTISSEMENT



Overview, removing and installing door handle



Clipping in wire

1. On the bottom part of door handle -2- clip in the electrical wire -1- .

top of page

Subsequent work

Subsequent work

1. Install door unit carrier. *5730 23 Removing and installing door unit carrier - installing*

Function test following assembly work

Installation Location:



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Diagnostic system: reading out fault memory and activating systems

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ADVERTENCIA

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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.

Diagnostic system: reading out fault memory and activating systems

C23, C24, C25, C26, C27, C28, C32, C33, C34, C35, C36, C37, C38, C39, C45, C46, C98, C99



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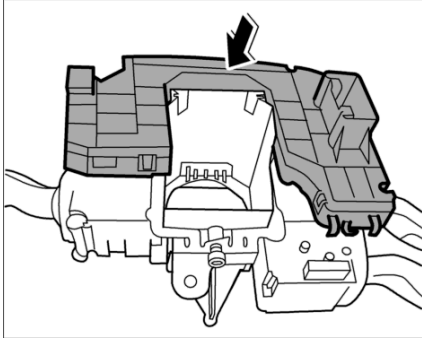
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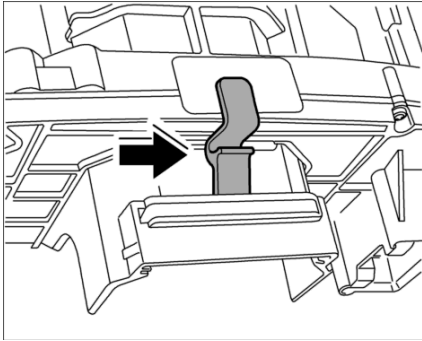
To position the airbag contact unit in the central position, press the locking element and turn the rotor carefully to the left as far as it will go.

Then turn the rotor carefully to the right, approx. 3.5 to 3.75 revolutions, until the band printed on one side is visible in the window.



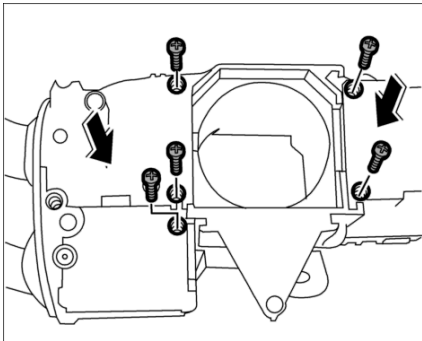
Mounting control unit for steering wheel electronics

1. Install control unit for steering wheel electronics.
 - 1.1. Position control unit for steering wheel electronics on the steering-column switch.



Pushing on line holder

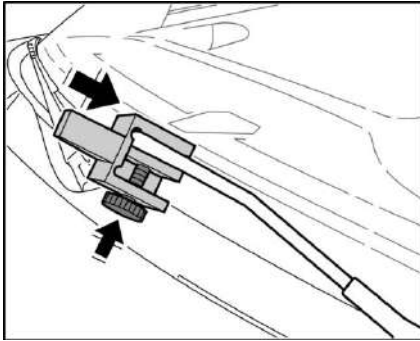
2. Push on line holder.
 - 2.1. Push line holder onto steering-column switch.



Screwing in the fastening screws

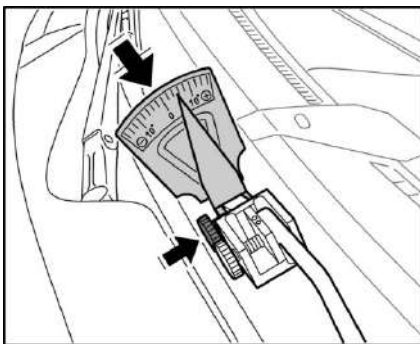
3. Unscrew fastening screws for steering wheel electronics control unit

Diagnostic system: reading out fault memory and activating systems



Screw adapter onto wiper arm

1. Fit adapter **-B-** for the sports car flush on the wiper and tighten with the knurled screw.

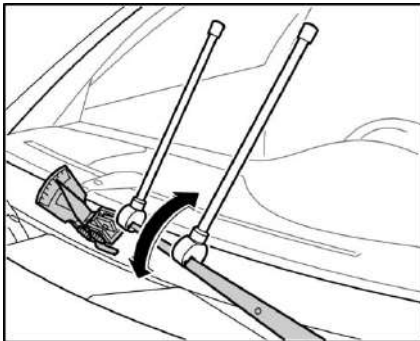


Screwing angle measuring device to adapter

2. Mount the angle measuring device **-A-** on the adapter and tighten with the knurled screw.
3. Read off wiper arm attack angle using the angle measuring device and compare with the nominal values.

Wiper position	Nominal angle	Tolerance
Parking position on driver's side	+ 5°	+/- 2°
Parking position on passenger's side	+ 3°	+/- 2°

4. If the nominal values are not achieved, the wiper arm must be adjusted using the two adjusting tools.



Adjusting wiper arm angle to nominal value

5. Mount both adjusting tools on the wiper arm and adjust the angle to the nominal value by turning the front adjusting tool.

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ADVERTENCIA

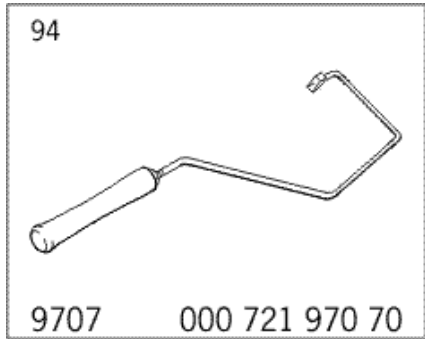
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94 70 19 Removing and installing auxiliary brake light - as of MY 2005

- Removing auxiliary stop light in rear spoiler
- Removing auxiliary stop light in convertible top compartment lid
- Installing auxiliary stop light in rear spoiler
- Installing auxiliary stop light in convertible top compartment lid

Tools

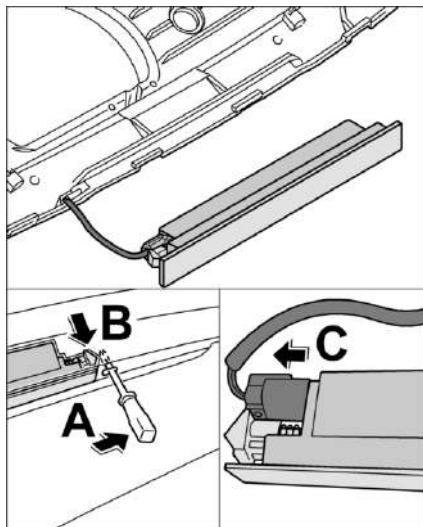
Designation	Type	Number	Explanation	
disassembly aid	special tool	9707		

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Removing auxiliary stop light in rear spoiler

Removing auxiliary brake light in rear spoiler

1. Remove the spoiler.

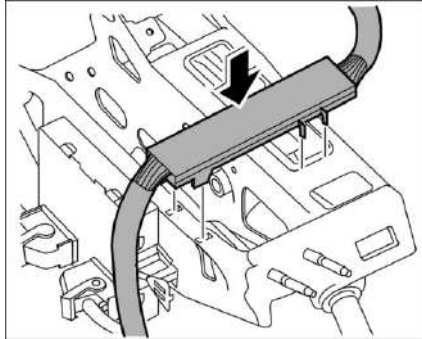


Removing auxiliary brake light

Diagnostic system: reading out fault memory and activating systems

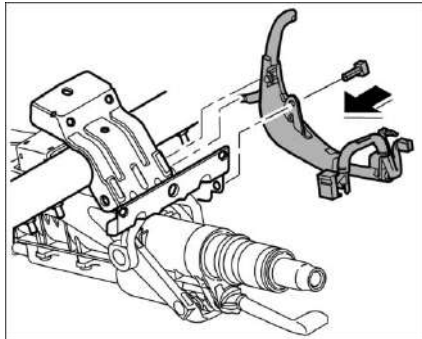
Fastening holder for relay carrier

4. Fasten holder for relay carrier.
- 4.1. Position holder for relay carrier and tighten with the two fastening screws to the dashboard bracket. **Tightening torque: 3.5 (2.5 ftlb.) Nm**



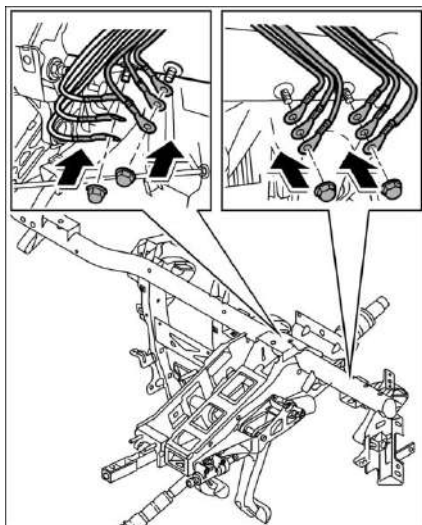
Clipping in cable guide

5. Clip in cable guide on dashboard bracket.



Clipping in length compensation

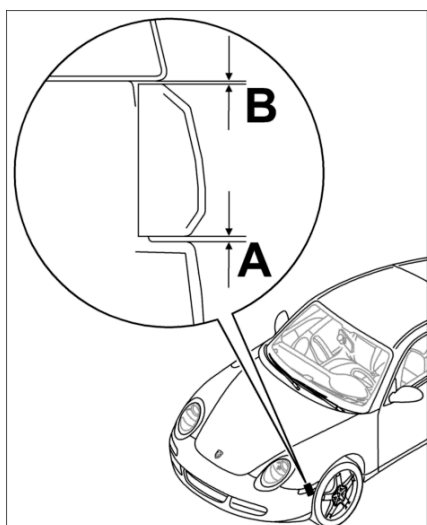
6. Clip in length compensation at the steering column.
- 6.1. Position length compensation at the steering column and fasten with the expansion rivet.



Fastening ground points on dashboard bracket

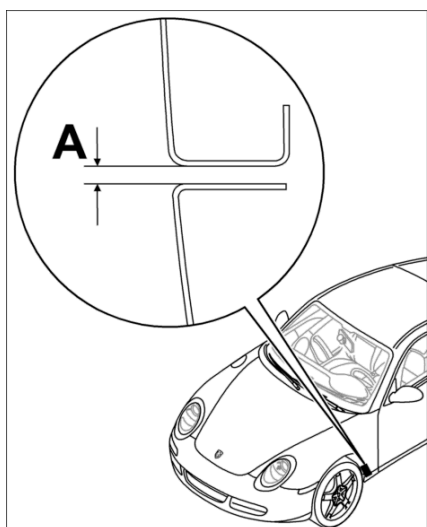
7. Fasten ground points on dashboard bracket.
- 7.1. Fit ground straps and tighten with fastening nuts. **Tightening torque: 9 (6.5 ftlb.) Nm**

Diagnostic system: reading out fault memory and activating systems



Front apron to side direction indicator

Location	Explanation	Type	Basic value	Tolerance 1	Tolerance 2
Front apron to side direction indicator		Gap dimension A	1.5 mm		
Wing to side direction indicator		Gap dimension B	0.5 mm	+0.5 mm	



Wing to outer side panel

Location	Explanation	Type	Basic value	Tolerance 1	Tolerance 2
Wing to outer side panel	Even transition from front to rear	Gap dimension A	4.5 mm	+/-1 mm	

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