

# 20 66 19 Removing and installing fuel pump - as of MY 2005

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- [Removing fuel pump](#)
- [Installing fuel pump](#)
- [Subsequent work](#)

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## Preliminary work

### Preliminary work - Carrera 2

1. Place protective covers on the vehicle.
2. Disconnect and remove battery [270619 Removing and installing battery - section on "Removing"](#).

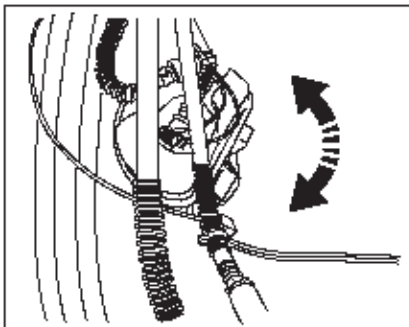
*Carrier plate for battery*

3. Remove carrier plate for battery. Unscrew four M8 hexagon collar nuts **-1-** and remove lid. Check seal for damage and replace it if necessary.
4. Remove fuel level sensor [201519 21 Removing and installing fuel level sensor - section on "Removing"](#).
5. Empty the fuel tank [2010EN Emptying and filling the fuel tank - section on "Emptying"](#).

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## Removing fuel pump

### Removing fuel pump - Carrera 2



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

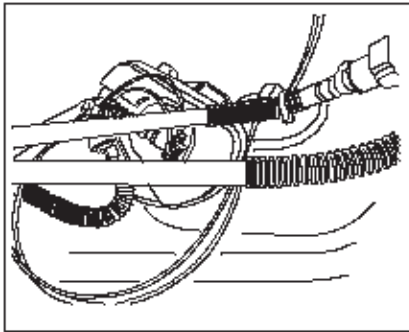
### *C2 fuel pump*

1. Turn fuel pump anti-clockwise (bayonet lock) and guide it carefully out of the opening of the tank (pay attention to installation position).

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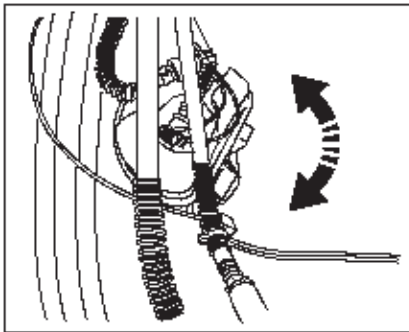
## Installing fuel pump

### Installing fuel pump - Carrera 2



### *Fitting fuel pump*

1. Fit fuel pump at fuel tank mounting point.



### *C2 fuel pump*

2. Turn fuel pump clockwise as far as it will go.

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## Subsequent work

## Subsequent work - Carrera 2

1. Install fuel level sensor *201519 23 Removing and installing fuel level sensor - section on "Installing"*.
2. Install carrier plate for battery. Tighten four hexagon nuts. **Tightening torque: 23 (17 ftlb.) Nm** .
3. Install battery. *270619 Removing and installing battery - section on "Installing"*.
4. Fill the fuel that you removed back into the tank *2010EN Emptying and filling the fuel tank - section on "Filling"*.
5. Carry out a function test and check the system for leaks.
6. Remove protective covers.

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997110, 997111, 997120, 997121, 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.**

- **Aus technischen Gründen kann derzeit nicht ausgeschlossen werden, dass trotz einwandfreier Darstellung auf dem Bildschirm beim Ausdruck der Zusammenhang von Text und zugehörigem Bild verloren geht.**
- **Wird der Fehler nicht bemerkt, besteht die Gefahr, daß Arbeiten nicht korrekt durchgeführt werden und es dadurch zu Personen- und Sachschäden kommt.**

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.



WARNING

**Danger of losing text-figure correspondence when printing out.**

- **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.**

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.**

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

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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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Per questo motivo, dopo la stampa è assolutamente necessario confrontare le stampe con la rappresentazione sullo schermo. In caso di errore si prega di correggere le stampe, così da garantire la riproduzione esatta della rappresentazione sullo schermo.



**ADVERTENCIA**

**Al imprimir se corre el riesgo de perder la correcta asignación de las figuras al texto.**

- **Por motivos técnicos, por el momento no se puede descartar que, aun siendo correcta la imagen que aparezca en la pantalla, al imprimir se pierda la correlación entre el texto y la figura correspondiente.**
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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.

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## Preliminary work

### Preliminary work - Carrera 4

1. Place protective covers on the vehicle.
2. Disconnect the battery [2706IN Work instructions after disconnecting the battery](#).
3. Remove luggage compartment cover [700519 21 Removing and installing trim panel for front luggage compartment - section on "Removing"](#).

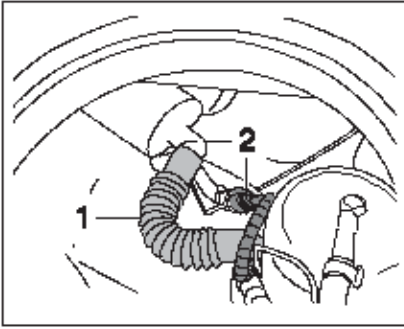
*Cover for tank flange*

4. Remove cover for tank flange. Unscrew four M6 cap nuts ~~-2-~~, remove the four washers and lift off the lid. Check seal for signs of damage.
5. Remove fuel level sensor [201519 21 Removing and installing fuel level sensor - section on "Removing"](#).
6. Empty the fuel tank until the fuel level is below the pump [2010EN Emptying and filling the fuel tank - section on "Emptying"](#).

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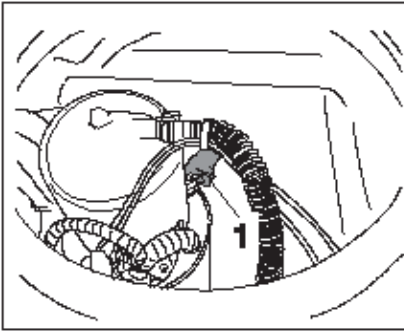
## Removing fuel pump

### Removing fuel pump - Carrera 4



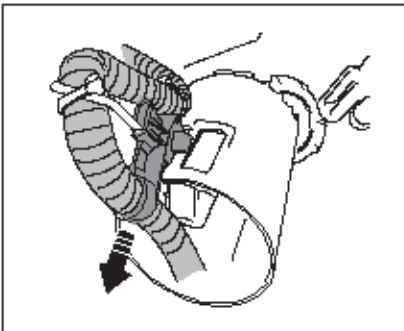
*Connections for left fuel pump*

1. Pull off flexible breather hose for the filler neck **-1-** and plug connection for left fuel line **-2-** .



*Connection for right fuel line*

2. Release plug connection for fuel line at the right pump **-1-** and pull off line.
3. Turn fuel pump anti-clockwise (bayonet lock, pay attention to installation position!) and tilt slightly towards the front apron.



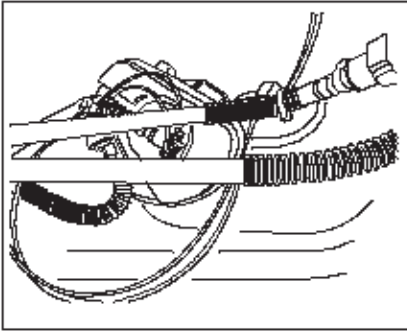
*Connection for sucking jet pumps*

4. Pull retaining claws of left and right sucking jet pump at the fuel pump **-in direction of arrow-** .

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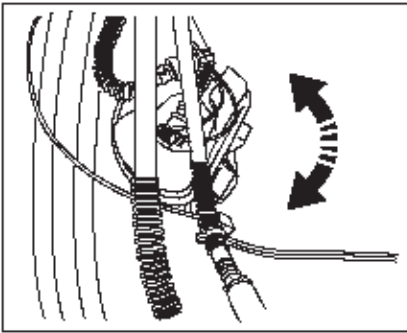
## Installing fuel pump

## Installing fuel pump - Carrera 2



*Fitting fuel pump*

1. Fit fuel pump at fuel tank mounting point.

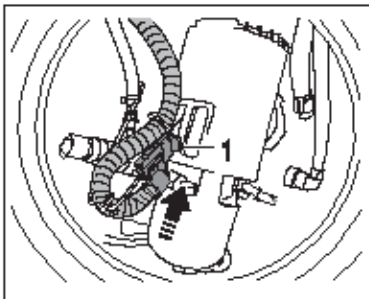


*C2 fuel pump*

2. Turn fuel pump clockwise as far as it will go.

## Installing fuel pump - Carrera 4

1. Insert fuel pump in fuel tank and place it on the floor of the tank for connecting the sucking jet pumps.  
The connecting grooves must be facing you.



*Connecting sucking jet pumps to pump*

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

2. Secure sucking jet pumps in the pump using the retaining claws.
3. Fit fuel pump at mounting point and turn it clockwise as far as it will go.
4. Attach line and hose connections to the pump's peripheral equipment.

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## Subsequent work

### Subsequent work - Carrera 4

1. Install fuel level sensor *201519 23 Removing and installing fuel level sensor - section on "Installing"*.
2. Install cover for tank flange. Position and tighten four cap nuts and washers. **Tightening torque: 10 (7.5 ftlb.) Nm**.
3. Install luggage compartment cover. *700519 23 Removing and installing trim panel for front luggage compartment - section on "Installing"*.
4. Connect ground lead at the battery [2706IN Work instructions after disconnecting the battery](#).
5. Fill the fuel that you removed back into the tank [2010EN Emptying and filling the fuel tank - section on "Filling"](#).
6. Carry out a function test and check the system for leaks.
7. Remove protective covers.

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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

### **materiales.**

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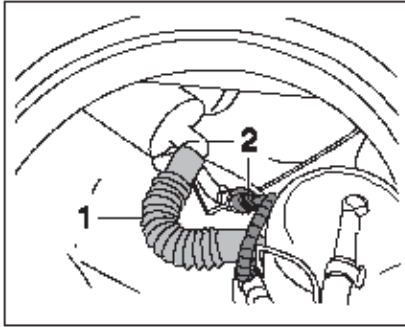
*Cover for tank flange*

4. Remove cover for tank flange. Unscrew four M6 cap nuts ~~-2-~~, remove the four washers and lift off the lid. Check seal for signs of damage.
5. Remove fuel level sensor [201519 21 Removing and installing fuel level sensor - section on "Removing"](#).
6. Empty the fuel tank until the fuel level is below the pump [2010EN Emptying and filling the fuel tank - section on "Emptying"](#).

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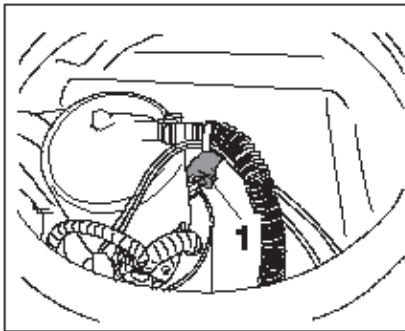
## Removing fuel pump

### Removing fuel pump - Carrera 4



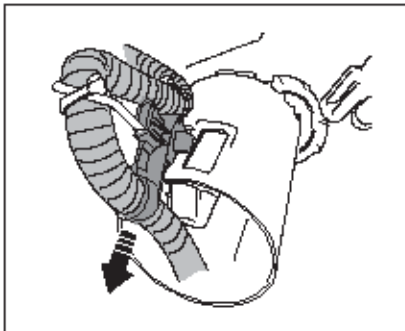
*Connections for left fuel pump*

1. Pull off flexible breather hose for the filler neck **-1-** and plug connection for left fuel line **-2-** .



*Connection for right fuel line*

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3. Turn fuel pump anti-clockwise (bayonet lock, pay attention to installation position!) and tilt slightly towards the front apron.



*Connection for sucking jet pumps*

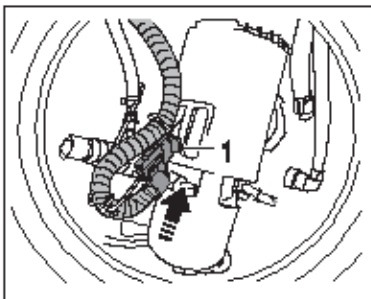
4. Pull retaining claws of left and right sucking jet pump at the fuel pump **-in direction of arrow-** .

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## Installing fuel pump

## Installing fuel pump - Carrera 4

1. Insert fuel pump in fuel tank and place it on the floor of the tank for connecting the sucking jet pumps. The connecting grooves must be facing you.



*Connecting sucking jet pumps to pump*

2. Secure sucking jet pumps in the pump using the retaining claws.
3. Fit fuel pump at mounting point and turn it clockwise as far as it will go.
4. Attach line and hose connections to the pump's peripheral equipment.

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## Subsequent work

### Subsequent work - Carrera 4

1. Install fuel level sensor *201519 23 Removing and installing fuel level sensor - section on "Installing"*.
2. Install cover for tank flange. Position and tighten four cap nuts and washers. **Tightening torque: 10 (7.5 ftlb.) Nm**.
3. Install luggage compartment cover. *700519 23 Removing and installing trim panel for front luggage compartment - section on "Installing"*.
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997410, 997411, 997430, 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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Diagnostic system: reading out fault memory and activating systems

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