

**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.

- **Pour des raisons techniques, il ne peut pas être exclu à l'heure actuelle que, même en cas d'affichage correct à l'écran, la correspondance entre le texte et l'illustration puisse être erronée sur l'impression papier.**
- **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.

- **Per motivi tecnici non è escluso che, nonostante la rappresentazione sullo schermo risulti perfetta, durante la stampa venga persa la corrispondenza fra testo e relativa immagine.**
- **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.**

→ 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.**
- **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.

96 66 19 Removing and installing Kessy/immobiliser control unit - as of MY 2003

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Important information



Note

- *If the Kessy control unit is replaced, it must be programmed using the Porsche System Tester. This will ensure that the control unit is taught for the relevant vehicle, country version and equipment.*
- *If possible, before the control unit is removed and replaced, a read-out of the vehicle data should be obtained from the Porsche System Tester.*
- *Symbol for the Tab key = *
- *Follow the instructions for the Porsche System Tester.*

Versions



Note

- *The following versions are listed in the Kessy/immobiliser Coding menu:*

Version
Kessy with Tiptronic
Kessy with manual transmission
Immobiliser with Tiptronic
Immobiliser with manual transmission



Note

- *If not coded, select the vehicle-dependent, required version and code with F8 .*

Obtaining read-out and saving vehicle data from control unit



Note

- In order to guarantee the function of the control unit after teaching, the coding value in the old control unit must be read out or determined again. This value must be written into the new control unit after teaching.*
1. Connect the Porsche System Tester to the vehicle and start the System Tester. Switch on ignition. Press to continue.
 2. Select vehicle type using the cursor keys.
 3. Using the key, move from the vehicle type to the list of control units.
 4. Select Kessy/immobiliser control unit with the cursor keys and press the key.
 5. Select Control unit replacement with the cursor keys and press the key.
 6. Select Read out values (vehicle data) with the cursor keys and press the key.
 7. The note "Coding read complete" will appear on the screen of the Porsche System Tester.
 8. After replacement of the Kessy/immobiliser control unit, the data that was read out is installed in the "Teach Kessy/immobiliser" menu (see point 6).

Preliminary work

Preliminary work

1. Remove cover under instrument panel on left. → 702219 Removing and installing trim under instrument panel - chapter on "Removing"

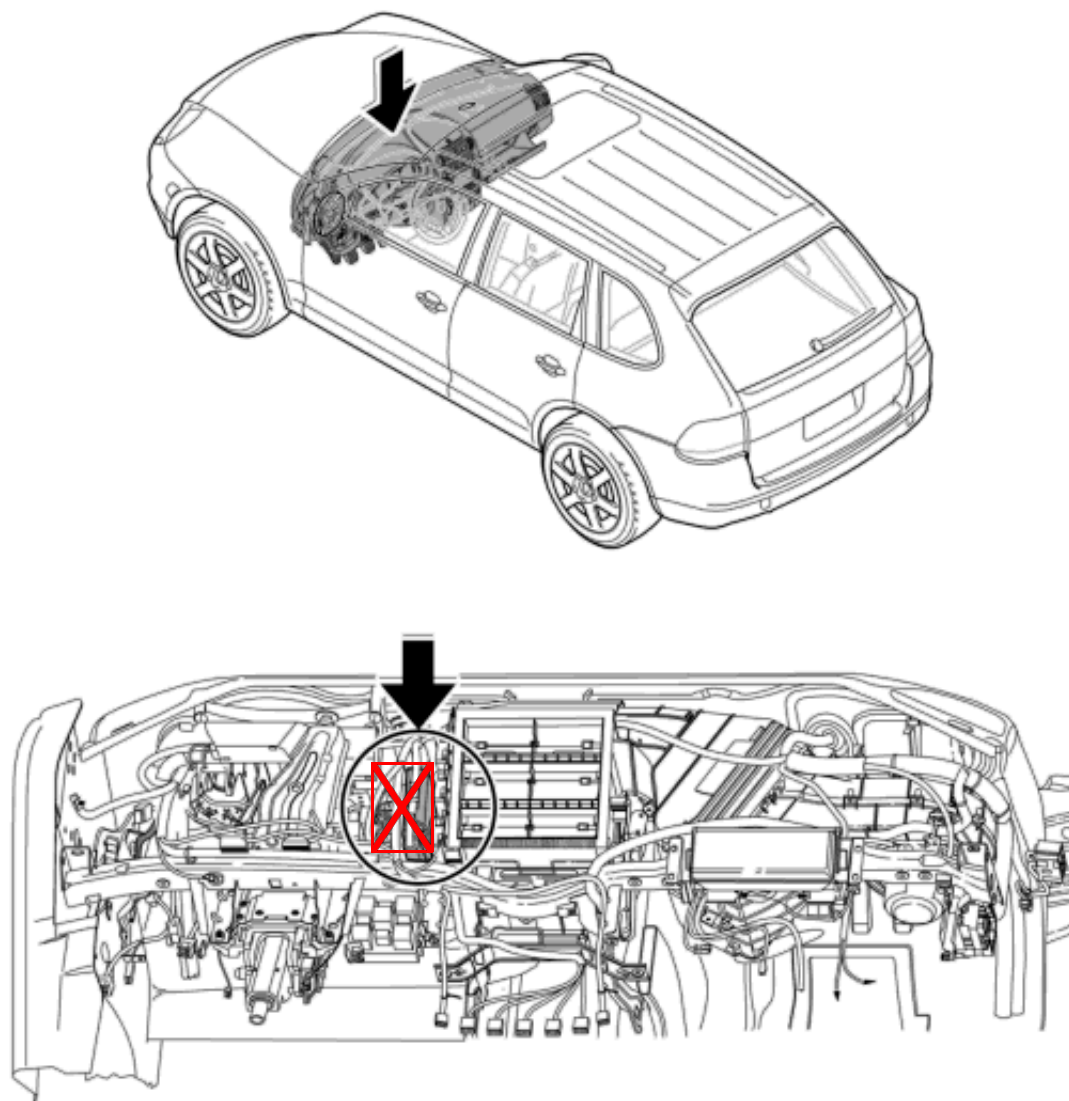
Removing Kessy/immobiliser control unit



Note

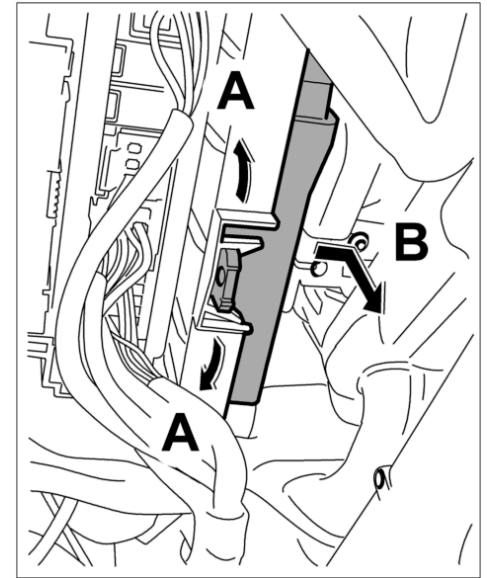
- *The control unit is located beside the hot air unit.*

Installation Location:



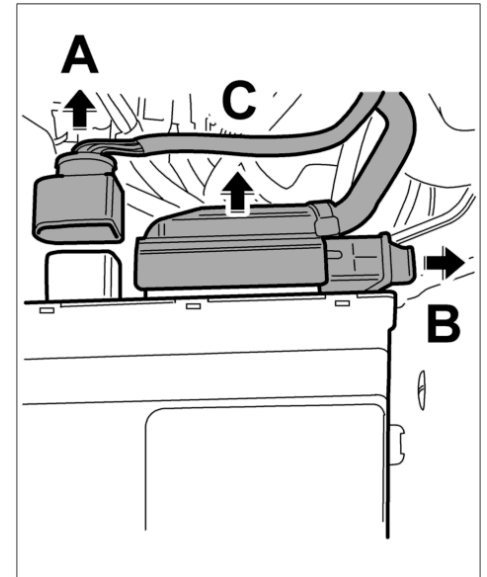
Overview of Kessy/immobiliser control unit

1. Push the two locking tabs apart **-arrows A-** . Pull the control unit to the right and downwards **-arrow B-** .



Removing control unit

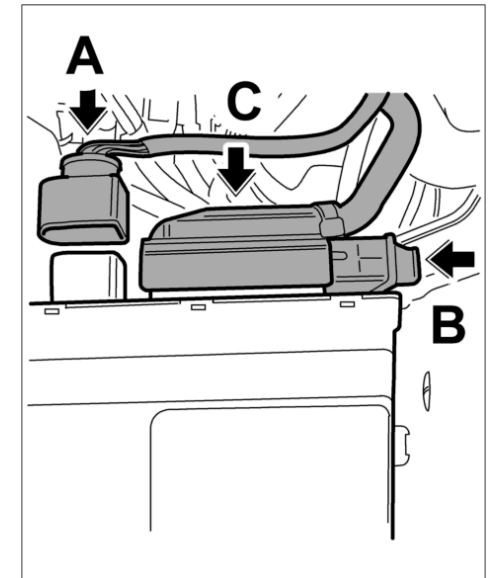
2. Press and pull off plug **-arrow A-** . Open lock **-arrow B-** on plug **-arrow C-** and remove plug.
3. Remove control module.



Removing plug

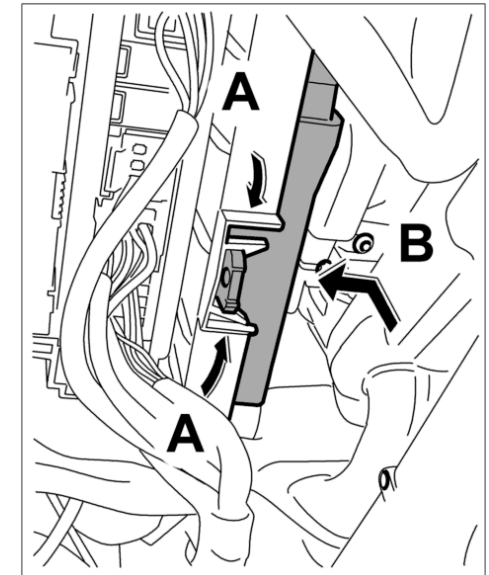
Installing Kessy/immobiliser control unit

1. Push on plug **-arrow C-** and lock it **-arrow B-** .
2. Connect plug **-arrow A-** until it clicks into place.



Inserting plug

3. Insert control unit into the upper mounting point **-arrow B-** and engage in holder **-arrows A-** .



Installing control unit

Subsequent work

Subsequent work

1. Install cover under left instrument panel. → 702219 Removing and installing trim under instrument panel - chapter on "Installing"

Programming new Kessy/immobiliser control unit



Note

- All original keys are required for teaching.
 - If a new Kessy control unit is to be installed in a vehicle, the immobiliser code specified in IPAS must be entered.
 - You can get the codes from IPAS or from your importer by specifying the vehicle identification number.
 - During programming, it is essential to guarantee the power supply for the Porsche System Tester. A battery charger with a current rating of at least 40 A must be connected to the vehicle battery.
 - Symbol for the Tab key = .
 - The Porsche System Tester instructions take precedence and in the event of a discrepancy these are the instructions that must be followed. A discrepancy may arise with later software versions (16.0 or higher).
 - The procedure described here has been structured in general terms; different text or additions may appear in the Porsche System Tester.
 - In order to guarantee the function of the control unit after teaching, the coding value in the old control unit must be read out or determined again. This value must be written into the new control unit after teaching. → 966619 Removing and installing Kessy/immobiliser control unit - chapter on "reading out"
1. Ignition off.
 2. Replace control unit. → 966619 Removing and installing Kessy/immobiliser control unit - chapter on "Removing"
 3. Ignition remains off, connect the Porsche System Tester (PST) to the vehicle and start the System Tester.
 4. Select Special functions using the cursor keys.
 5. Select Kessy Cayenne using the cursor keys.

**Note**

- *The brake pedal must be operated during the control unit search. The reason for this is that the CAN remains active. If the brake pedal is not pressed, the Kessy control unit will not be recognised.*
6. The message "System learned" appears in the instrument cluster.
 7. Switch to the Special functions menu and go to Kessy Cayenne.
 8. Select Teach Kessy/immobiliser in the Control unit replacement menu and press **>>** to continue.

**Note**

- *Follow the instructions on the Tester.*
9. Insert key, then press **>>** →
 10. Enter new immobiliser code with **>>** and confirm by pressing **F7**.
 11. The version is displayed. If the data could not be read out when replacing the control unit - see → 966619 Removing and installing Kessy/immobiliser control unit - chapter on "Removing" - then select the version and code with **F8** - see → 966619 Removing and installing Kessy/immobiliser control unit - chapter on "Information".
 12. Teach Kessy, then press **>>**.
 13. Teach keys, then press **>>**. The number of keys to be taught must be specified.

**Note**

- *All keys that exist for this vehicle must be specified here.*
14. Follow the instructions on the Tester.
 15. Read out the fault memory for all faulty control units, then erase fault memory.

**Note**

- *Before the engine can be started, a wait time of 5 minutes must be observed only once.*

16. Start engine with all keys, one after the other.

Replacing Kessy/immobiliser control unit



Note

- *If the Kessy control unit from a different vehicle is being used, proceed as follows. As a check, the immobiliser code of the vehicle in which the control unit is being installed (NEW) and of the vehicle from which the control unit has been removed (OLD) are required.*
- *You can get the necessary codes from IPAS or from your importer by specifying the vehicle identification number.*
- *During DME programming, it is essential to guarantee the power supply for the Porsche System Tester. A battery charger with a current rating of at least 40 A must be connected to the vehicle battery.*
- *Symbol for the Tab key = .*
- *The Porsche System Tester instructions take precedence and in the event of a discrepancy these are the instructions that must be followed. A discrepancy may arise with later software versions (16.0 or higher).*
- *The procedure described here has been structured in general terms; different text or additions may appear in the Porsche System Tester.*

1. Ignition off.
2. Replace control unit. → 966619 Removing and installing Kessy/immobiliser control unit - chapter on "Removing"
3. Ignition remains off, connect the Porsche System Tester (PST) to the vehicle and start the System Tester.
4. Select Special functions using the cursor keys.
5. Select Kessy Cayenne using the cursor keys.



Note

- *The brake pedal must be operated during the control unit search. The reason for this is that the CAN remains active. If the brake pedal is not pressed, the Kessy control unit will not be recognised.*
6. The message "System learned" appears in the instrument cluster.
 7. Switch to the Special functions menu and go to Kessy Cayenne.

8. Select Teach Kessy/immobiliser in the Control unit replacement menu and press  to continue.

**Note**

- *Follow the instructions on the Tester.*

9. Insert key, then press .

10. Enter old immobiliser code using  and confirm by pressing .

11. Enter new immobiliser code with  and confirm by pressing .

12. The version is displayed. If the data could not be read out when replacing the control unit - see → 966619 Removing and installing Kessy/immobiliser control unit - chapter on "reading out" - then select the version and code with  - see → 966619 Removing and installing Kessy/immobiliser control unit - chapter on "Information".

13. Teach Kessy, then press .

14. Teach keys, then press . The number of keys to be taught must be specified.

**Note**

- *All keys that exist for this vehicle must be specified here.*

15. Follow the instructions on the Tester.

16. Read out the fault memory for all faulty control units, then erase fault memory.

**Note**

- *Before the engine can be started, a wait time of 5 minutes must be observed only once.*

17. Start engine with all learned keys, one after the other.

9PAAD1, 9PAAD7, 9PAAE1, 9PAAE7, 9PAAF1, 9PAAJ1

as of MY 2003

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

