



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.

97 90 19 Removing and installing relay carrier, plenum chamber E-box - as of MY 2003

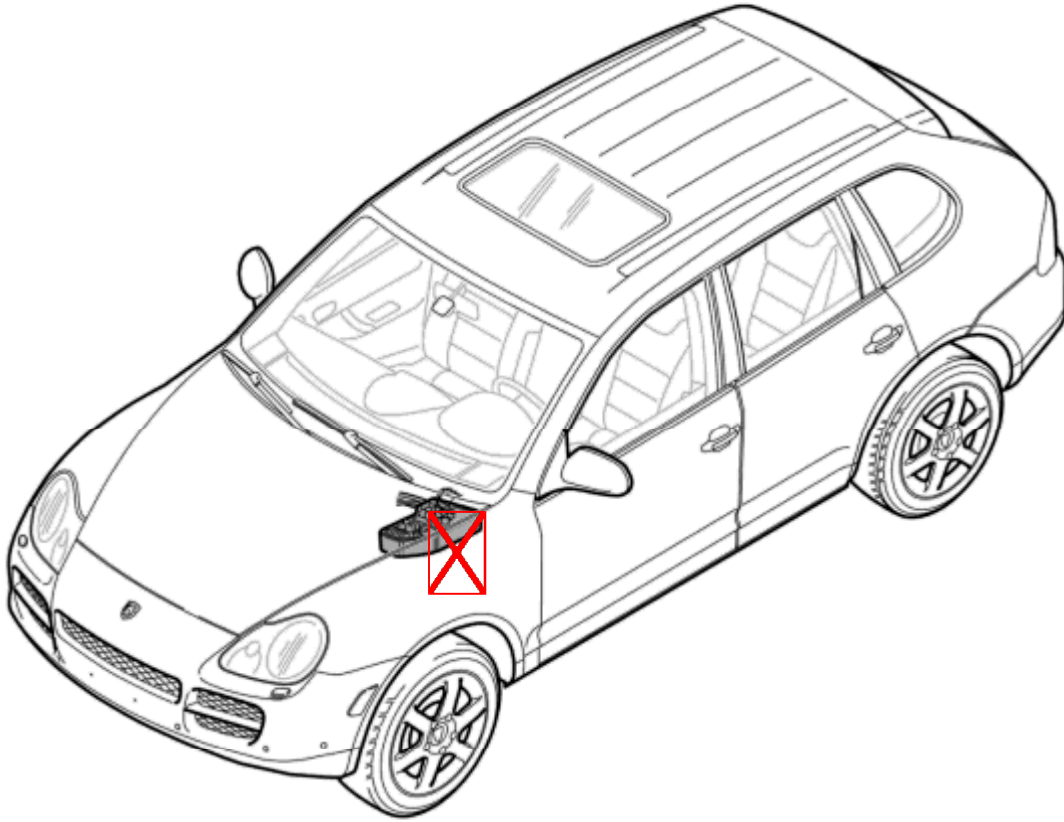
- Preliminary work
- Removing relay carrier in plenum chamber E-box
- Installing relay carrier in plenum chamber E-box
- Subsequent work
- Identification of sockets

Preliminary work

1. Remove ignition key. Disconnect battery. Route or isolate ground strap so that all contact with a ground carrier (e.g. body, seat frame) is avoided. → 90 *Work instructions after disconnecting the battery*
2. Place bonnet in service position.
3. Remove wiper arms. → 922519 Removing and installing wiper arm - "Removing" section
4. Remove cowl panel cover. → 664419 Removing and installing cowl panel cover - chapter on "removing"
5. Remove left and rear trim panels in engine compartment. → 700219 Removing and installing front cover (engine compartment) - "Removing" section
6. Remove radiator tank at front left.

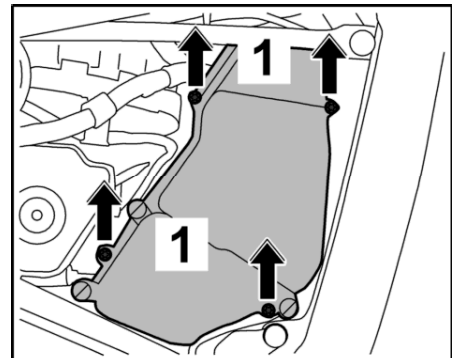
Removing relay carrier in plenum chamber E-box

Installation Location:



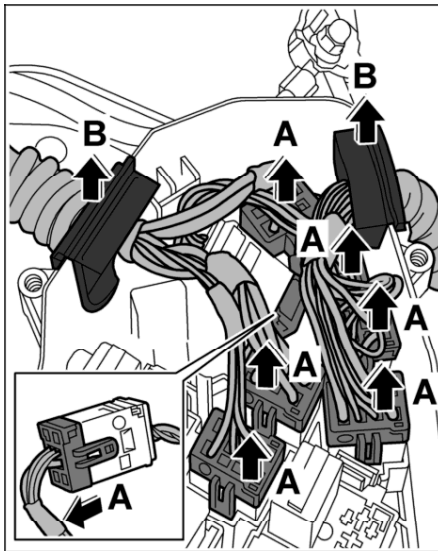
Overview of relay carrier, plenum panel E-box

1. Undo fastening screws **-1- -arrows-** and remove lid.

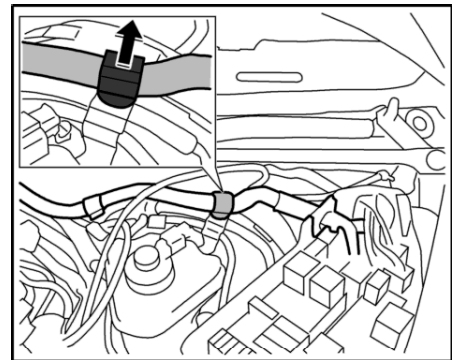


Removing lid

2. Unclip harness **-arrow-** .

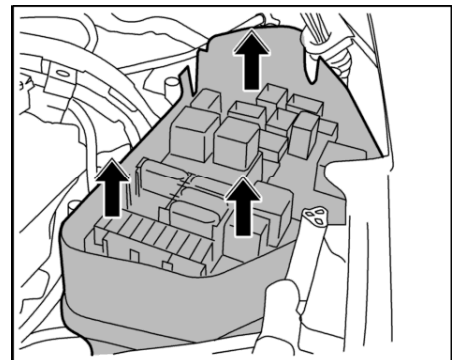


Disconnecting plugs and removing wire harnesses from bracket



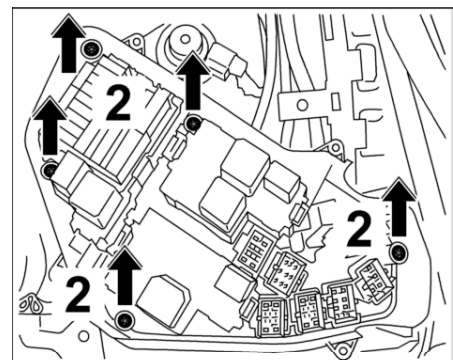
Unclipping harness

3. Disconnect plugs **-arrows A-** and remove both wire harnesses from bracket **-arrows B-** .
4. Lift relay carrier out and upwards **-arrows-** .



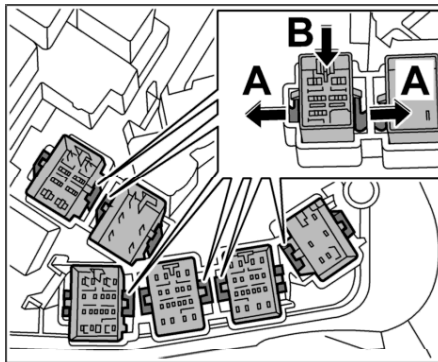
Pull relay carrier up and out.

5. Unscrew fastening screws **-arrows 2-** .

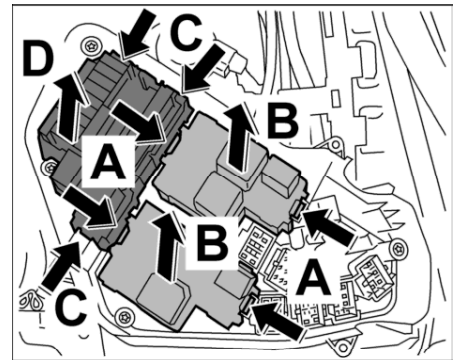


Unscrewing fastening screws

6. Release both relay carriers **-arrows A-** and pull them up and out **-arrows B-** .
7. Release the fuse carrier **-arrows C-** and pull it up and out **-arrow D-** .
8. Release sockets **-arrows A-** and press downwards and out **-arrow B-** .
9. Remove top half of casing.



Release sockets and press downwards and out.



Release both relay carriers and pull them up and out.

- Place harnesses to the side, pull bottom half of casing upwards out of bracket and remove.

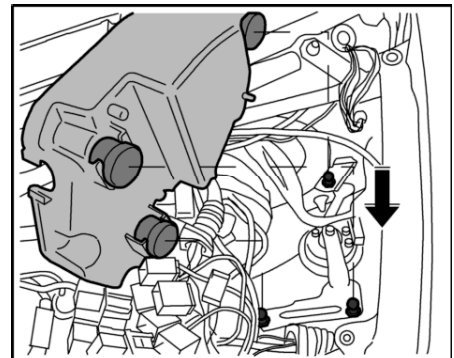
Installing relay carrier in plenum chamber E-box



Note

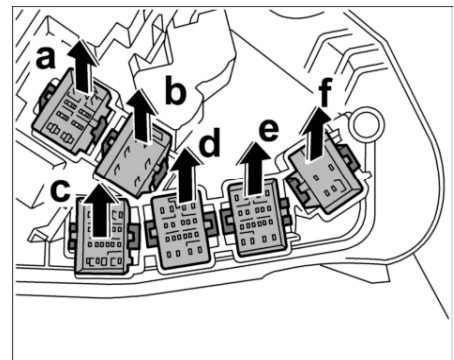
- Before installing the bottom half of casing, ensure that the rubber mounts are inserted fully in the brackets.

- Press bottom half of casing into retaining pins **-arrow-** until rubber mounts are felt to engage.



Installing bottom half of casing

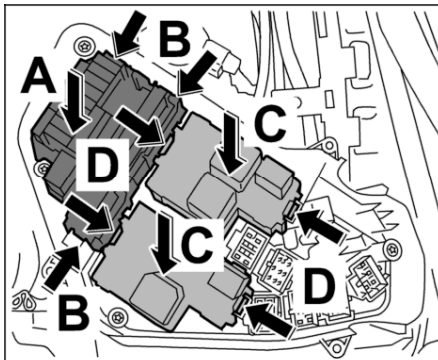
- Press sockets into top half of casing from below **-arrows a - f-** until locking tabs are felt to engage. When doing so, note the marking on the sockets → 979019 Removing and installing relay carrier in plenum chamber E-box - "Information" section.



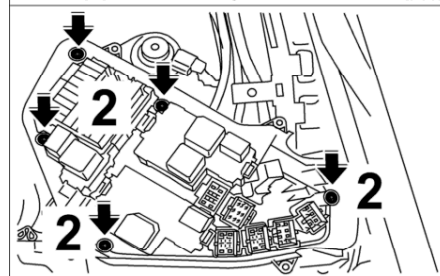
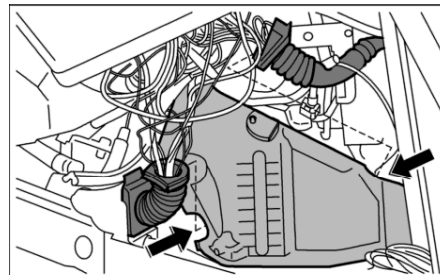
Pressing sockets into top half of casing from below

- Slide fuse carrier and relay carrier through top half of casing.
- Insert the two rubber sleeves in bottom half of casing **-arrows-**.
- Place the top half on the bottom half of the casing. Make sure no leads are pinched between the two halves of the casing.
- Screw together the two halves of the casing with the fastening screws **-arrows 2-**.

7. Press fuse carrier into top half of casing **-arrow A-** until locking tabs **-arrows B-** are felt to engage.
8. Press both relay carriers into top half of casing **-arrows C-** until locking tabs **-arrows D-** are felt to engage.

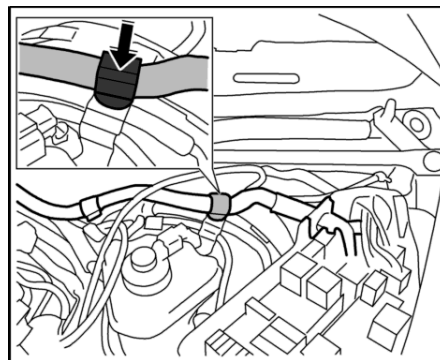


Pressing in fuse carrier and relay carrier



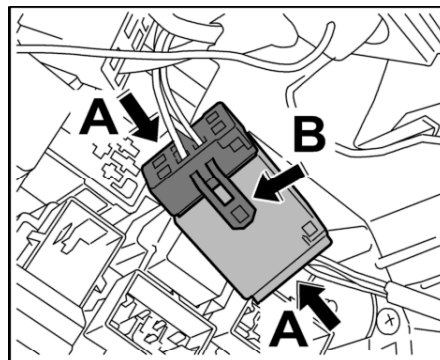
Installing and screwing down casing halves

9. Clip harness into place **-arrow-**.



Clipping harness into place

10. Connect the red plug connection **-arrow A-** until the locking tabs **-B-** are felt to engage.

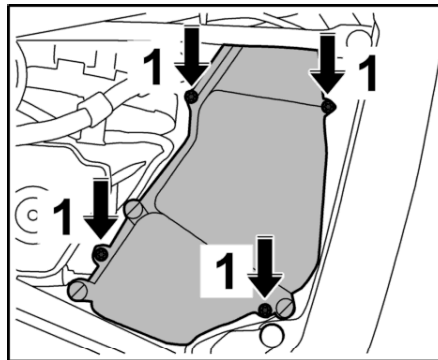


Connecting the red plug connection

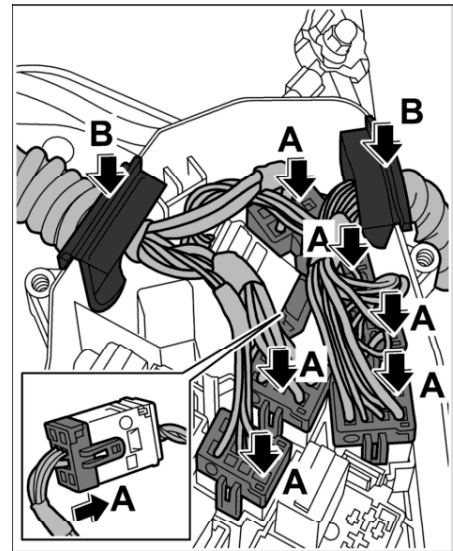
11. Position red plug connection under the right harness **-arrows A-**.
12. Position both harnesses with rubber sleeves in the casing **-arrows B-**.
13. Insert plug **-arrows C-** until the locking tabs are felt to engage.
14. Screw down lid with the fastening screws **-arrows 1-**.

Subsequent work

1. Remove radiator tank at front left.
2. Install left and rear covers in engine compartment.
→ 700219 Removing and installing front cover (engine compartment) - "Installing" section
3. Install cowl panel cover.
→ 664419 Removing and installing cowl panel cover - chapter on "installing"
4. Remove wiper arms. → 922519 Removing and installing wiper arm - "Installing" section
5. Connect the battery and carry out work instructions after disconnecting the battery. → 90 *Work instructions after disconnecting the battery*



Screwing down lid



Positioning harnesses and inserting plug

Identification of sockets

Socket	Colour
a	Black
b	white
c	pink
d	light blue
e	green
f	light brown

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