



Workshop Manual

Golf 2004 ➤

Golf 2009 ➤

General body repairs, interior

Edition 05.2010





List of Workshop Manual Repair Groups

Repair Group

- 68 - Interior equipment
- 69 - Passenger protection
- 70 - Trim, insulation
- 72 - Seat frames
- 74 - Seat - padding, covers



Technical information should always be available to the foremen and mechanics, because their careful and constant adherence to the instructions is essential to ensure vehicle road-worthiness and safety. In addition, the normal basic safety precautions for working on motor vehicles must, as a matter of course, be observed.

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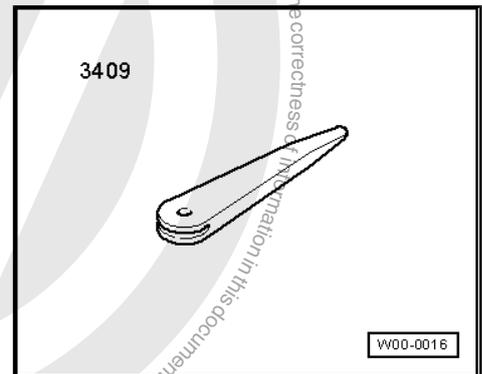
68 – Interior equipment

1 Interior mirror

1.1 Tools

1.1.1 Required special tools, workshop equipment, test and measuring devices and auxiliary items

- ◆ Removal wedge -3409-



1.2 Automatic anti-dazzle interior mirror

The automatic anti-dazzle interior mirror darkens continuously when the driver is blinded from behind.

It consists of a mirror element and electronics with two photo sensors.

The photo sensors of the electronics detect the light incidence from the front and the rear.

If the light incidence is greater from the rear than from the front, the electronics apply voltage to the conductive coating.

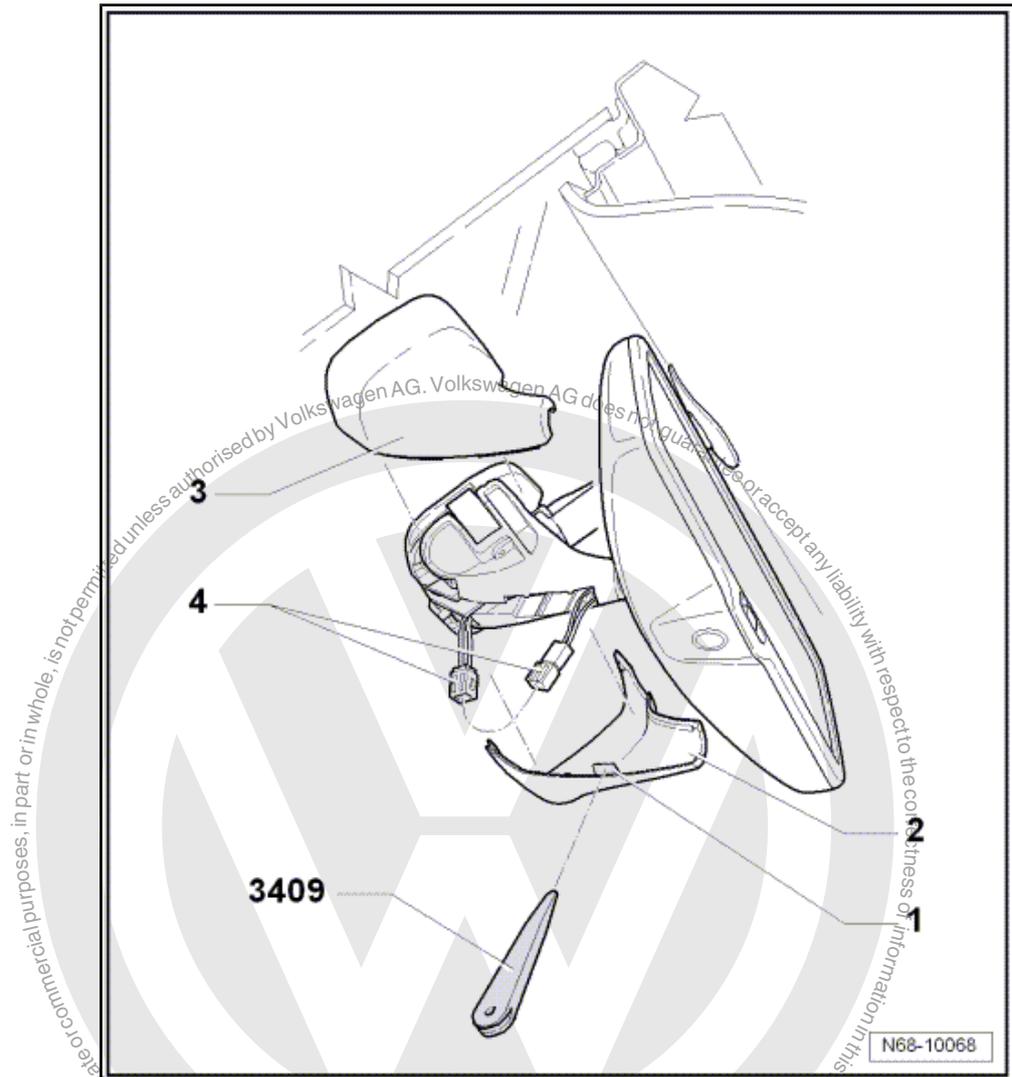
The applied voltage changes the colour of the electrolyte. The greater the voltage, the darker the electrolyte. Therefore, the incident light is reflected to a lesser degree.

Selecting reverse gear switches off the anti-dazzle function. Consequently, one can, for example, reverse out of a dark garage with the aid of the interior mirror.

1.3 Removing and installing interior mirror with rain sensor

1.3.1 Removing

- If vehicle is equipped with a rain sensor, switch off ignition.
- Using removal wedge -3409-, release fastener -1- of right cover cap -2-.
- Release left -3- and right cover caps -2- from mirror base.
- Separate connector -4-.
- Slide interior mirror along windscreen and then downwards out of mounting.



1.3.2 Installing

- Install in reverse order of removal.

1.4 Bonding on retaining plate for interior mirror with rain sensor

The following repair procedure avoids the old procedure, renewing the windscreen.

At the same time, it is also possible to reuse the old mirror base which has fallen off.

1.4.1 Preparing windscreen

- All adhesive and primer residue must be removed from the ceramic pre-coating.
- Clean adhesive surface with cleaning solution D 009 401 04.
- Adhere to flash-off period of at least 10 minutes.
- Apply glass/paint primer D 009 200 02.
- Flash-off period up to bonding: minimum of 10 minutes to maximum of 1 hour.



1.4.2 Preparing detached or new mirror base

- Mechanically remove adhesive remains (applies only for a mirror base which has become detached).
- Prepare adhesive surface by sanding down with wet fine emery paper (800-1200 grade) until water does not run off surface to be bonded.
- Then clean with cleaning solution D 009 401 04.

1.4.3 Bonding mirror base

- Apply 2K polyurethane adhesive D 180 KD2 A1 directly to prepared and cleaned mirror base bonding surface.
- Adhesive bead diameter: Approx. 2.5...3 mm.
- Press mirror base into position on prepared windscreen immediately after applying adhesive to base.
- Align mirror base in position on ceramic pre-coat surface and secure with adhesive tape.

1.4.4 Cleaning and removing excessive adhesive

- Carefully remove adhesive tape 30 - 60 minutes after attaching mirror base.
- Carefully remove the excessive but still soft adhesive with aid of a spatula.
- Then remove the excessive adhesive completely using a cloth or primer applicator soaked in cleaning solution.

1.4.5 Installing rain sensor and mirror

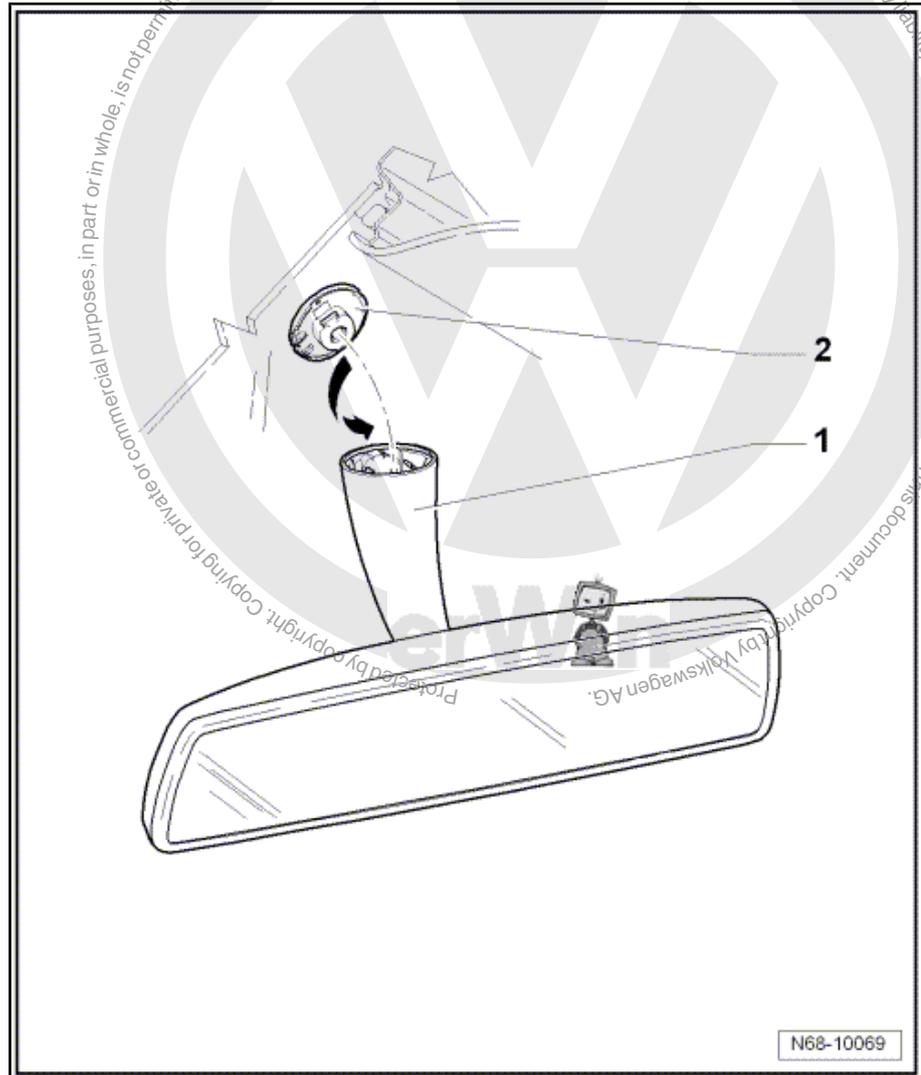
- Mirror can be fitted 2.5 hours after attaching mirror base.



1.5 Removing and installing interior mirror

1.5.1 Removing

- Turn interior mirror -1- anti-clockwise through 90° -arrow- and release it from adhesive plate -2-.



1.5.2 Installing

- Install in reverse order of removal.

1.6 Bonding on retaining plate for interior mirror without rain sensor

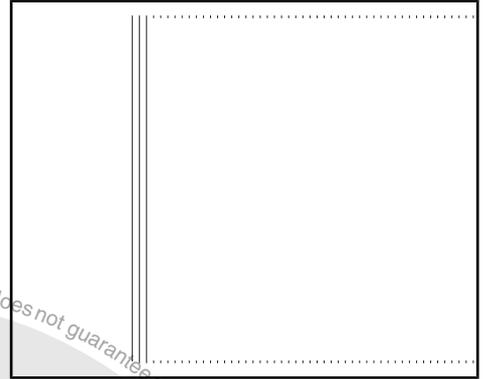
1.6.1 Materials

- ◆ Glass-metal adhesive kit "D 000 703 A1"



1.6.2 Tools

- 1 - Glass scraper (commercially available)
 - 2 - Blade (commercially available)
- Remove retaining plate from mirror base.
 - Remove PUR adhesive from mirror base using a wire brush.
 - Grind off the three spacer protrusions on bonding surface. To do this, use sandpaper (360/400 grain) laid on flat surface.
 - Keep sanded surface clean and free of grease.
 - Scrape down PUR adhesive material and primer down to ceramic layer on windscreen using glass scraper.
 - Clean bonding area with adhesive remover D 002 000 10 or cleaning solution D 009 401 04.



Caution

Do not damage ceramic coating. Scratches will remain permanently visible.

- Cut nylon mesh fabric exactly to size of mirror base.



Note

Wear hand protection (rubber gloves).

- Apply adhesive evenly and smoothly to base of mirror.
- Fit nylon mesh fabric onto base of mirror.
- Apply further adhesive to nylon mesh fabric by dabbing with tube.

After adhesive has been applied to nylon mesh fabric, base of mirror must be pressed onto windscreen within 30 seconds.

- Press base of mirror firmly (do not use force) against windscreen for 15 seconds.
- Remove excess adhesive with a cloth.



Note

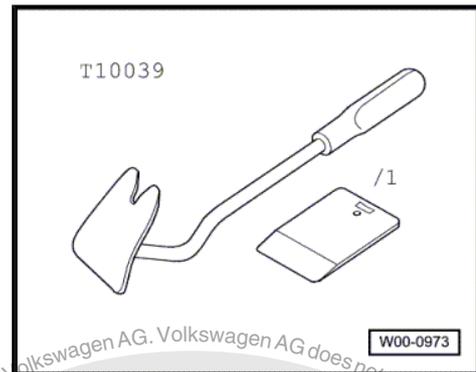
Interior mirror can be installed after 15 minutes.



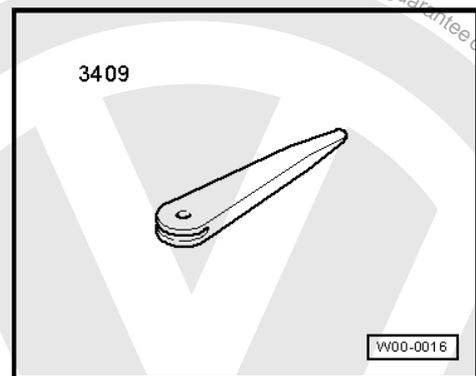
2 Compartments, covers and trims

2.1 Tools

2.1.1 Required special tools, workshop equipment, test and measuring devices and auxiliary items



- ◆ Release lever -T10039 -
- ◆ Removal wedge -3409-



2.2 Removing and installing basic version centre console (Golf 2004 >)

2.2.1 Removing

- Switch off ignition.

Vehicles with automatic gearbox

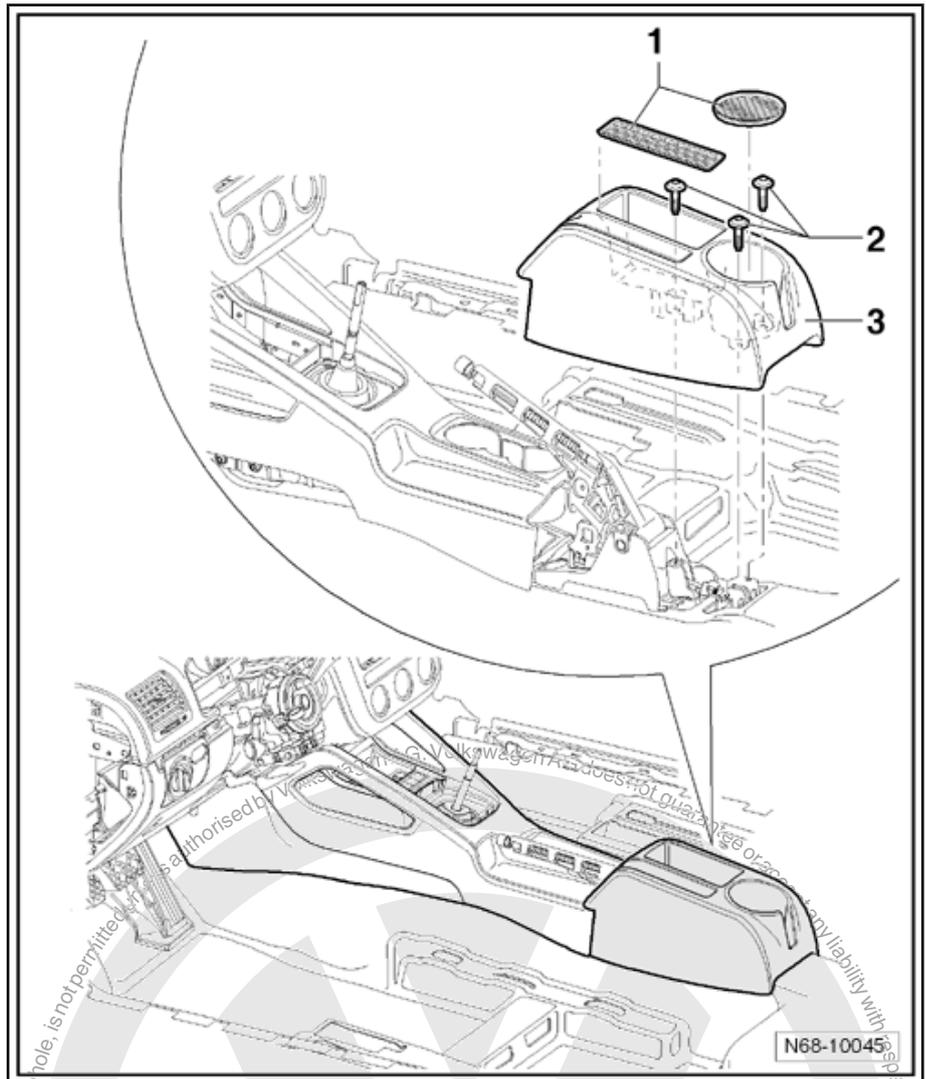
- Release selector lever boot from cover ⇒ Rep. Gr. 37

Vehicles with manual or direct shift gearbox

- Release selector lever boot from cover ⇒ Rep. Gr. 34 .

All vehicles

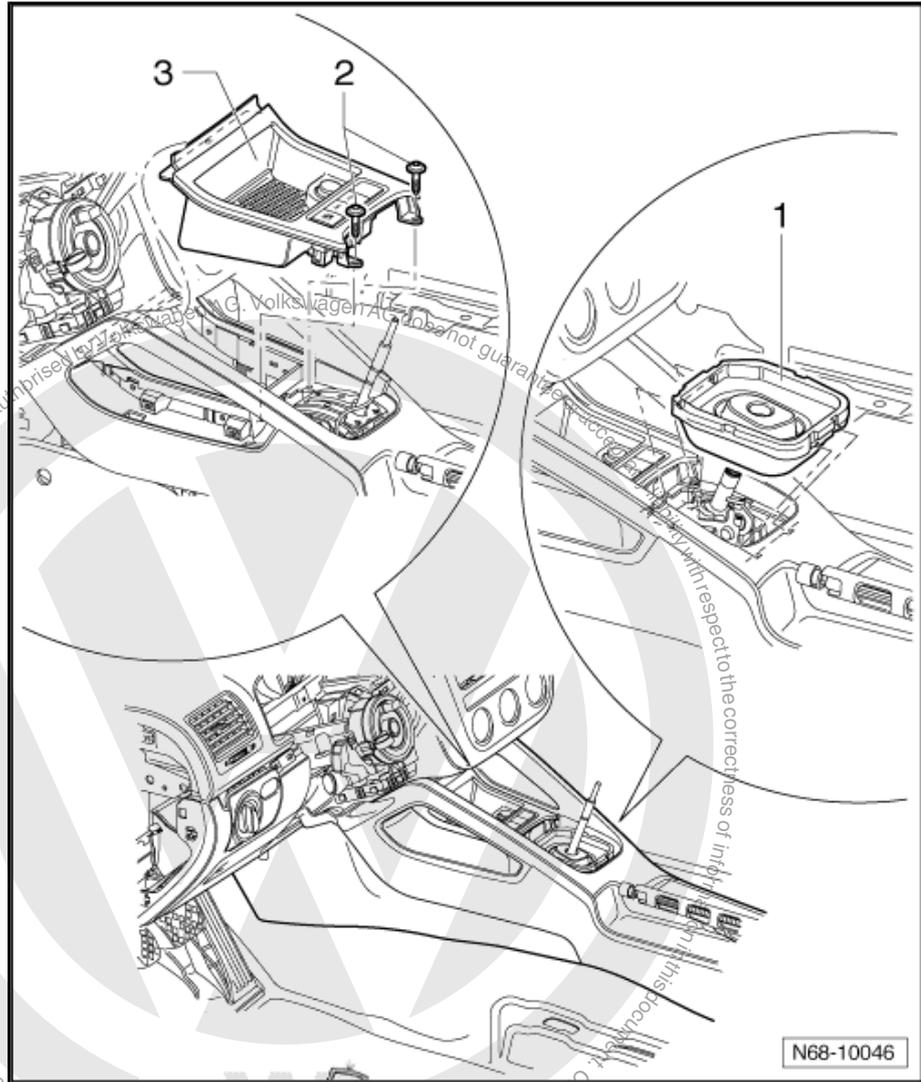
- Remove handbrake lever trim ⇒ Rep. Gr. 46 .
- Remove the two trim lining mats -1- from the extension -3-.
- Remove the three bolts -2- (1.5 Nm).
- Release extension from mountings.
- Pull extension forwards through opening for handbrake lever.



- Release selector insulation -1- from centre console.
- Remove the two bolts -2- (1.5 Nm).
- Release storage compartments -3- from centre console and disconnect wiring harness (dependent on vehicle equipment).

i Note

An ashtray may be installed instead of a storage compartment -3-, but the removal is identical.



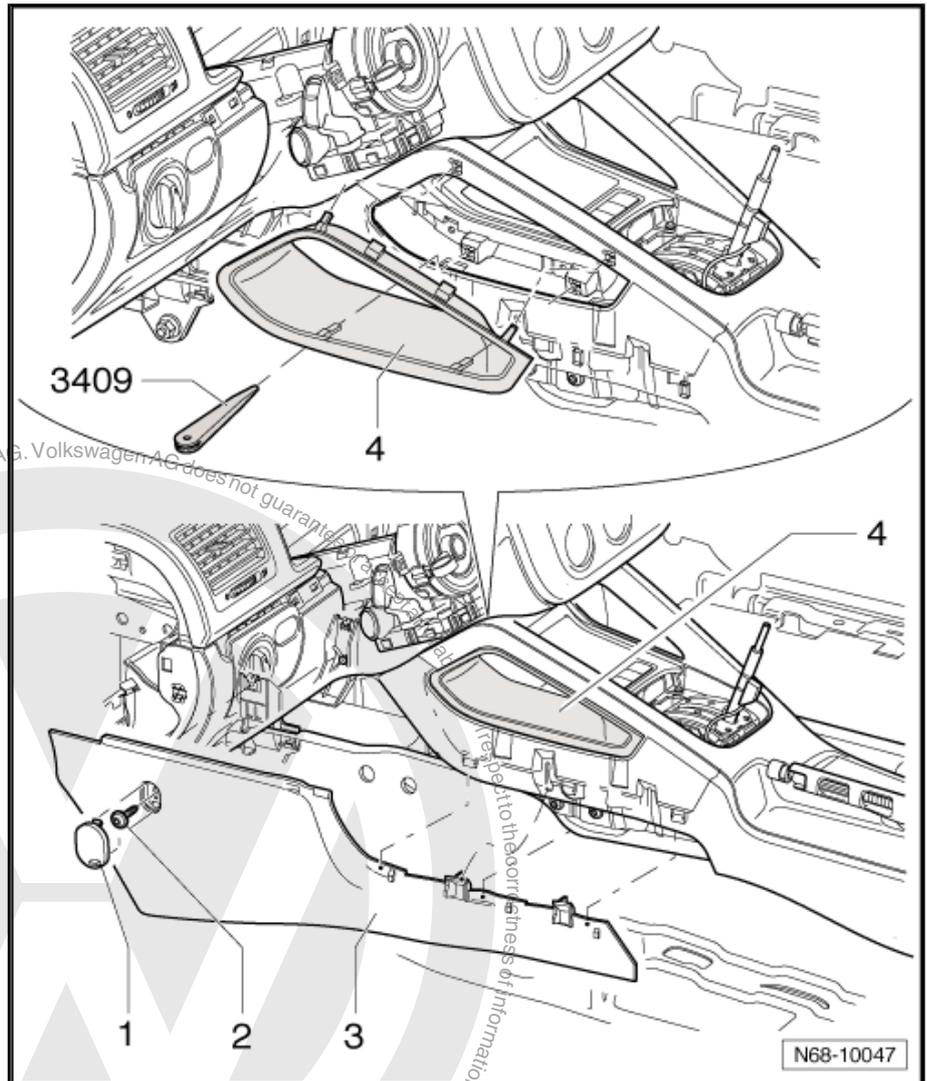
- Using a small screwdriver, unclip cover -1- from trim.
- Remove bolt -2- (1.5 Nm).
- Pull left footwell trim -3- out of mountings.



Note

Removal of right footwell trim is identical.

- Unclip both side trims -4- from centre console by releasing fasteners with a removal wedge -3409- .

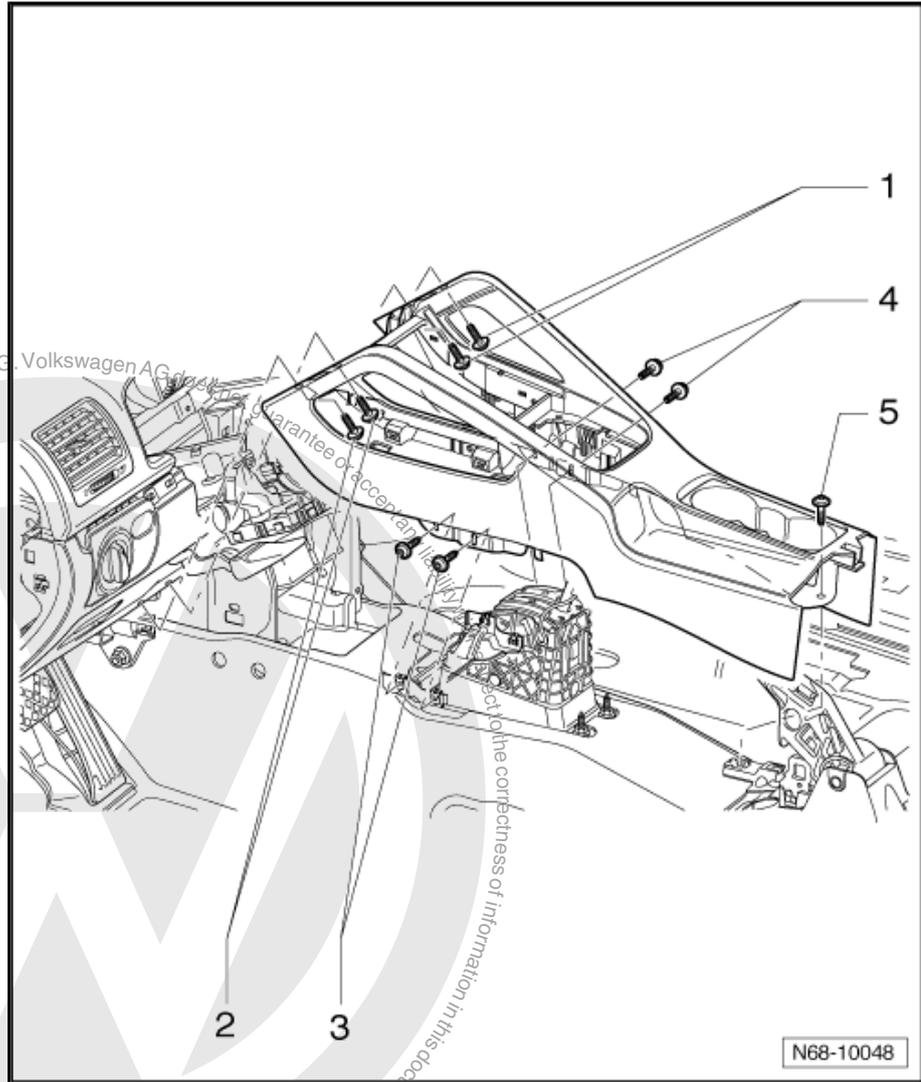


- Remove the two bolts respectively -1- and -2- (1.5 Nm).
- Remove the two bolts respectively -3- and -4- (1.5 Nm).
- Remove bolt -5- (1.5 Nm).

 **Note**

During installation, bolts must be installed in the sequence -1-, -2-, -3-, -4- and -5-.

- Remove centre console from vehicle.



2.2.2 Installing

- Install in reverse order of removal.

2.3 Removing and installing basic version centre console (Golf 2009 ▶)

2.3.1 Removing

- Switch off ignition.

Vehicles with automatic gearbox

- Loosen gear lever boot from cover ⇒ Rep. Gr. 37

Vehicles with manual or direct shift gearbox

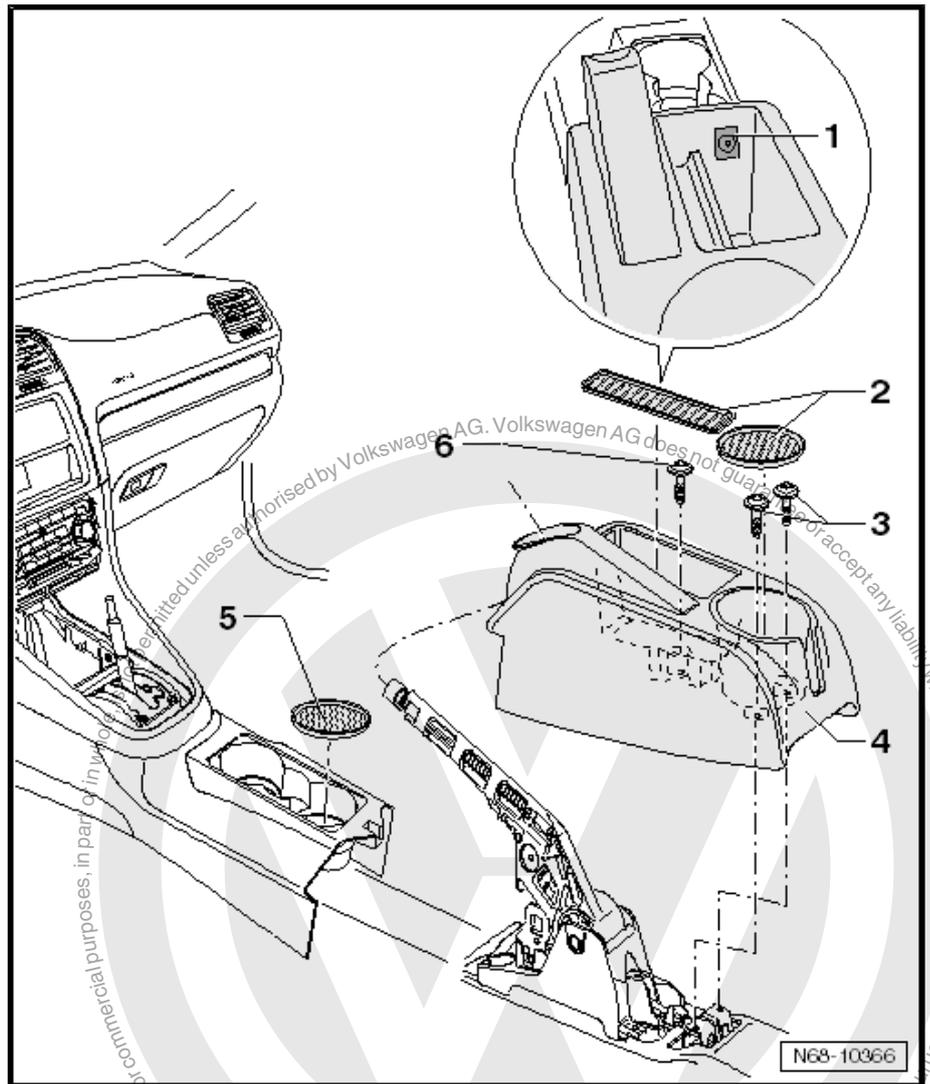
- Loosen gear lever boot from cover ⇒ Rep. Gr. 34

All vehicles

- Remove handbrake lever trim ⇒ Rep. Gr. 46 .
- Remove centre dash panel trim (Golf 2009 ▶) ⇒ [page 59](#)
- Remove air conditioner/heater control panel trim (Golf 2009 ▶)
⇒ [page 59](#)



- Remove centre cover (Golf 2009 >) ⇒ [page 68](#)
- Remove the two trim lining mats -2- from the extension -4-.
- Remove lining mat -5- from centre console.
- If fitted, remove "AUX IN socket" -1- ⇒ Communication; Rep. Gr. 91 ; Removing and installing connection for external audio sources -R199- .
- Remove the three bolts -3- (1.5 Nm).
- Release extension from mountings.
- Pull extension forwards through opening for handbrake lever.

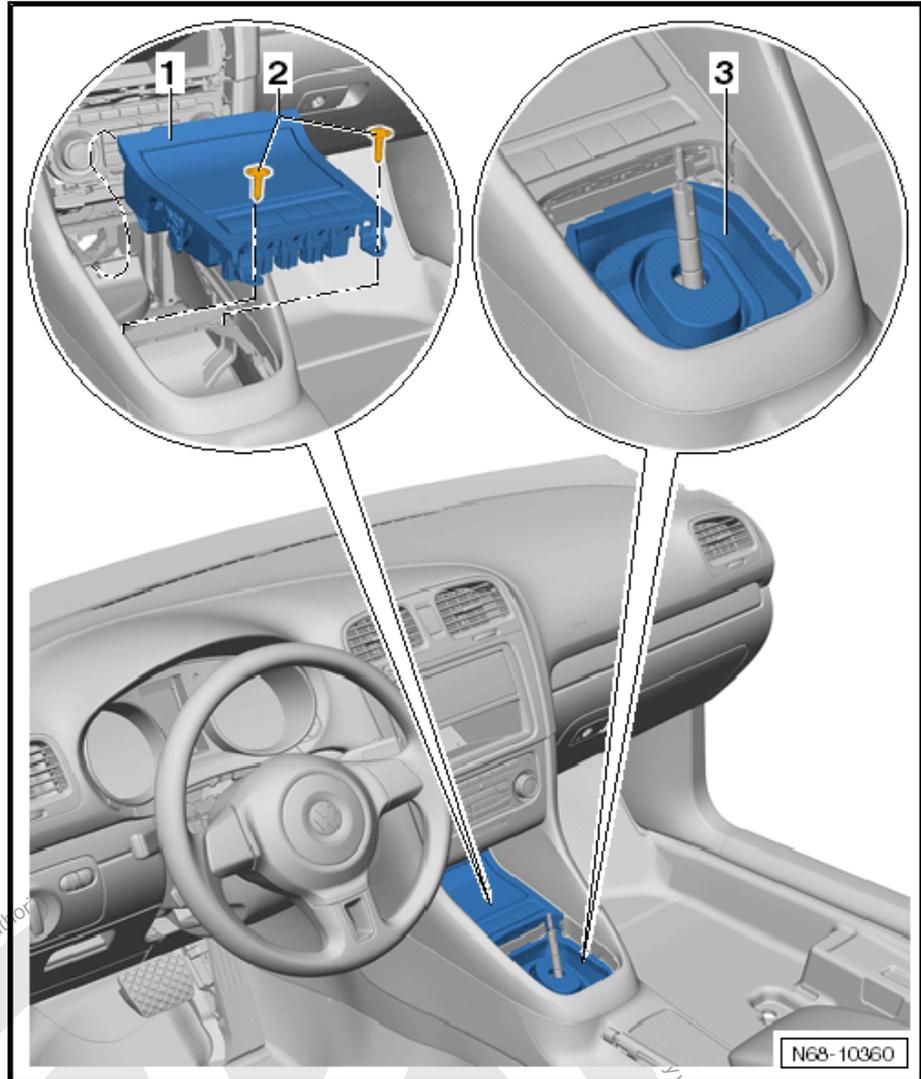


- Release gearstick insulation -3- from centre console (only vehicles with a gearstick).
- Remove the two bolts -2- (1.5 Nm).
- Release ashtray unit -1- from centre console and disconnect wiring harness (dependent on vehicle equipment).



Note

A storage compartment may be installed instead of an ashtray -1-, but the removal is identical.

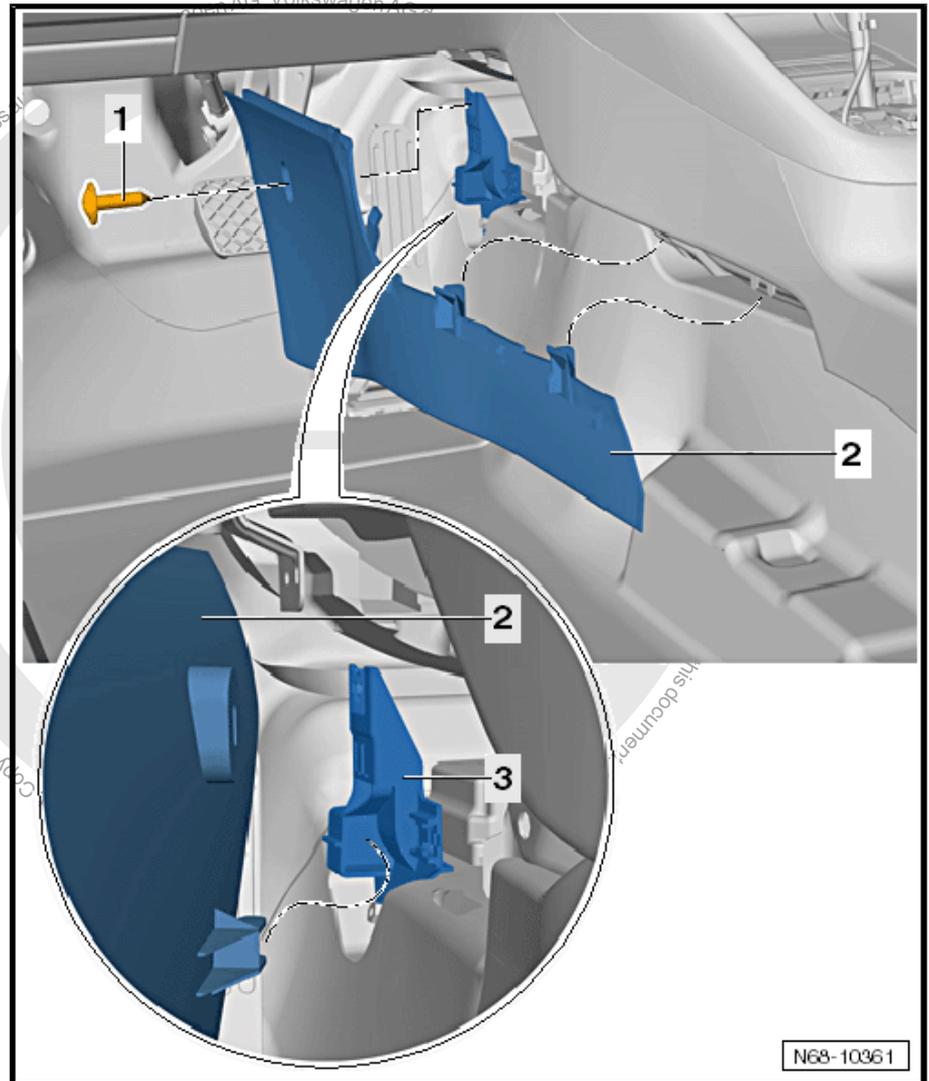


- Remove bolt -1- (1.5 Nm).
- Pull left footwell trim -2- out of mountings.



Note

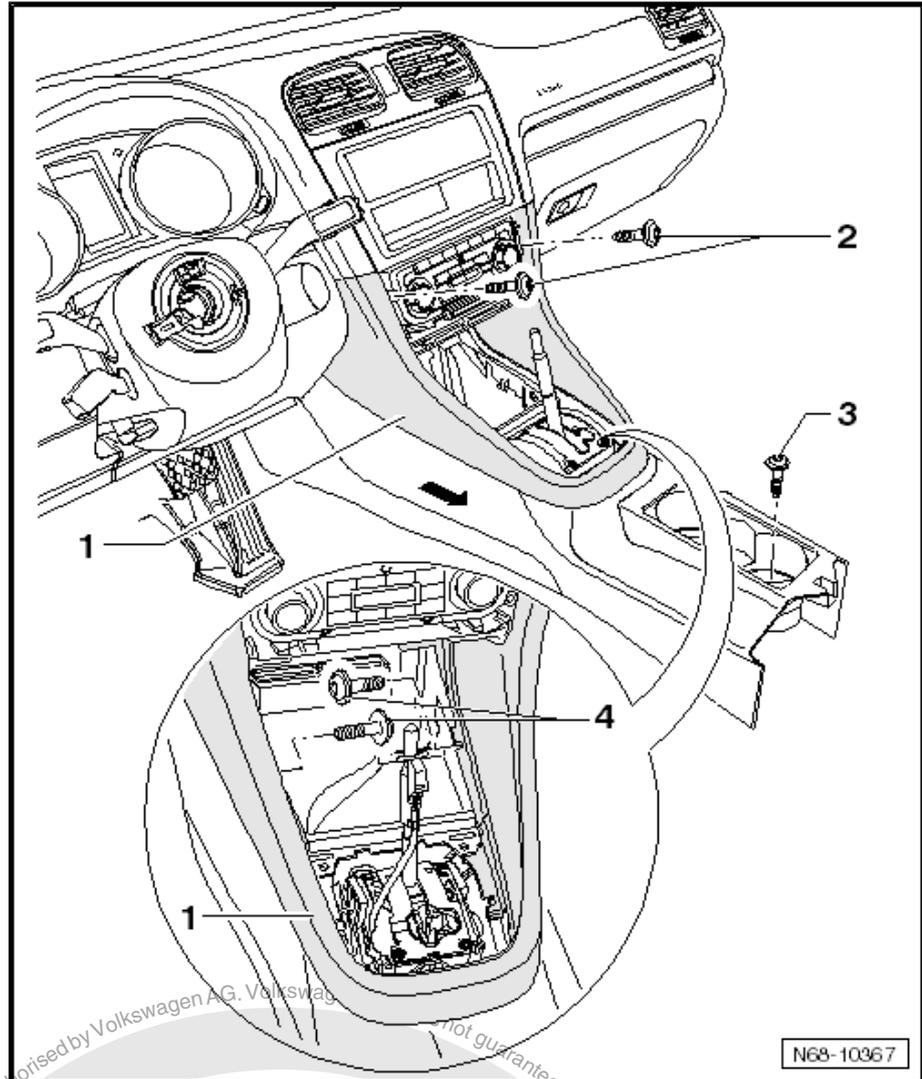
- ◆ *Removal of right footwell trim is identical.*
- ◆ *When installing, first insert footwell trim -2- into mounting -3-.*



- Remove the two bolts -4- (1.5 Nm).
- Remove bolt -3- (1.5 Nm).
- Remove the two bolts -2- (1.5 Nm).
- Pull centre console cover -1- out in direction of -arrow-.

i Note

When installing, bolts must be installed in sequence -2-, -3- and -4-.

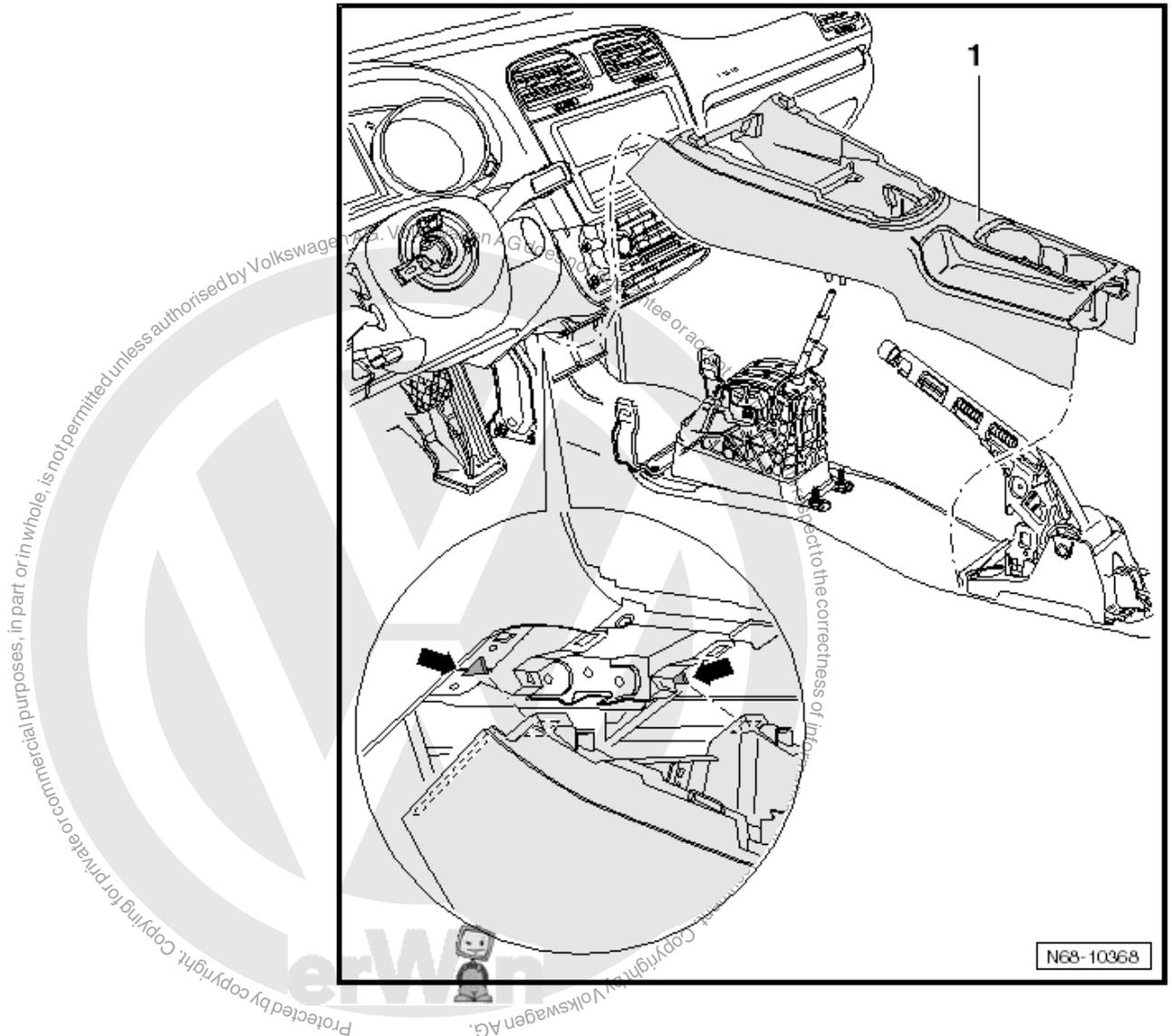


- Remove centre console -1- from vehicle.



Note

When installing, ensure centre console locks into mountings -arrows- of dash panel.



2.3.2 Installing

- Install in reverse order of removal.

2.4 Removing and installing Highline centre console (Golf 2004 ▶)

2.4.1 Removing

- Switch off ignition.

Vehicles with automatic gearbox

- Release selector lever boot from cover ⇒ Rep. Gr. 37 .

Vehicles with manual or direct shift gearbox

- Release selector lever boot from cover ⇒ Rep. Gr. 34 .

All vehicles

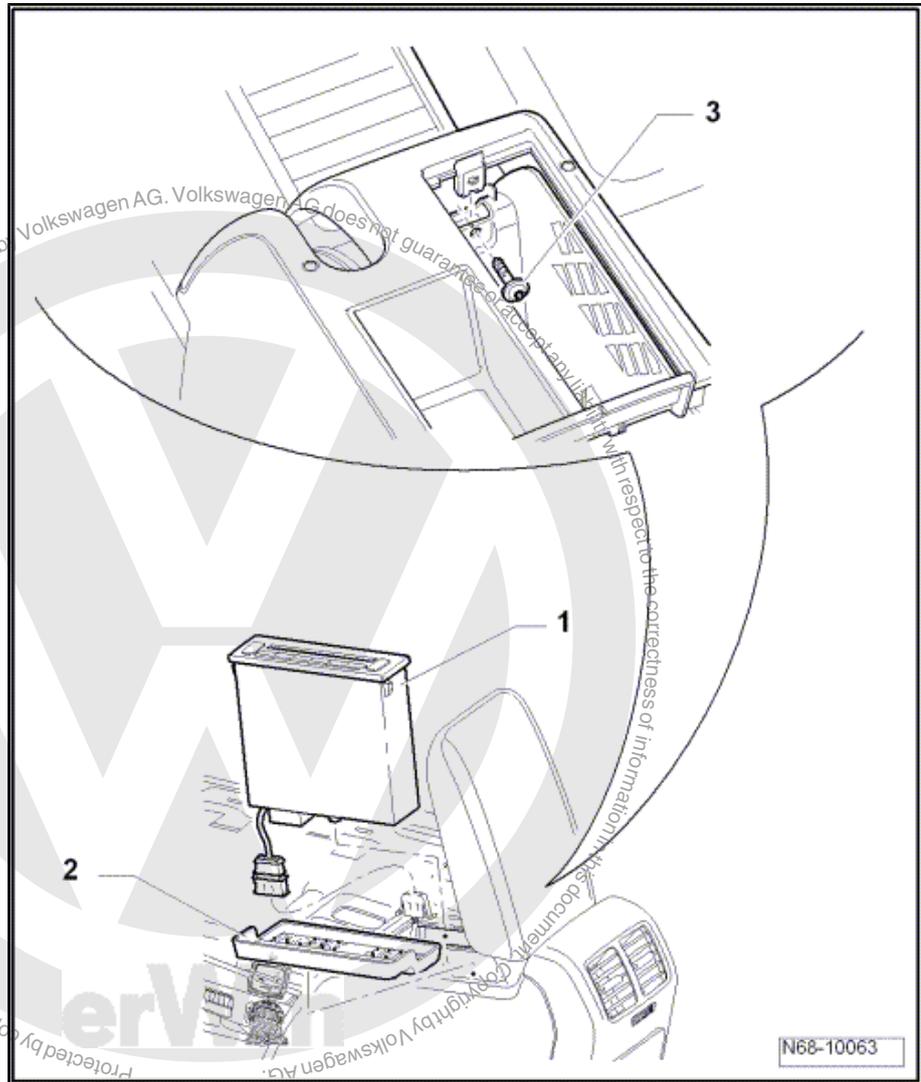
- Remove handbrake lever trim ⇒ Rep. Gr. 46 .

Vehicles with a CD changer

- Remove CD changer -1- ⇒ Rep. Gr. 91 .

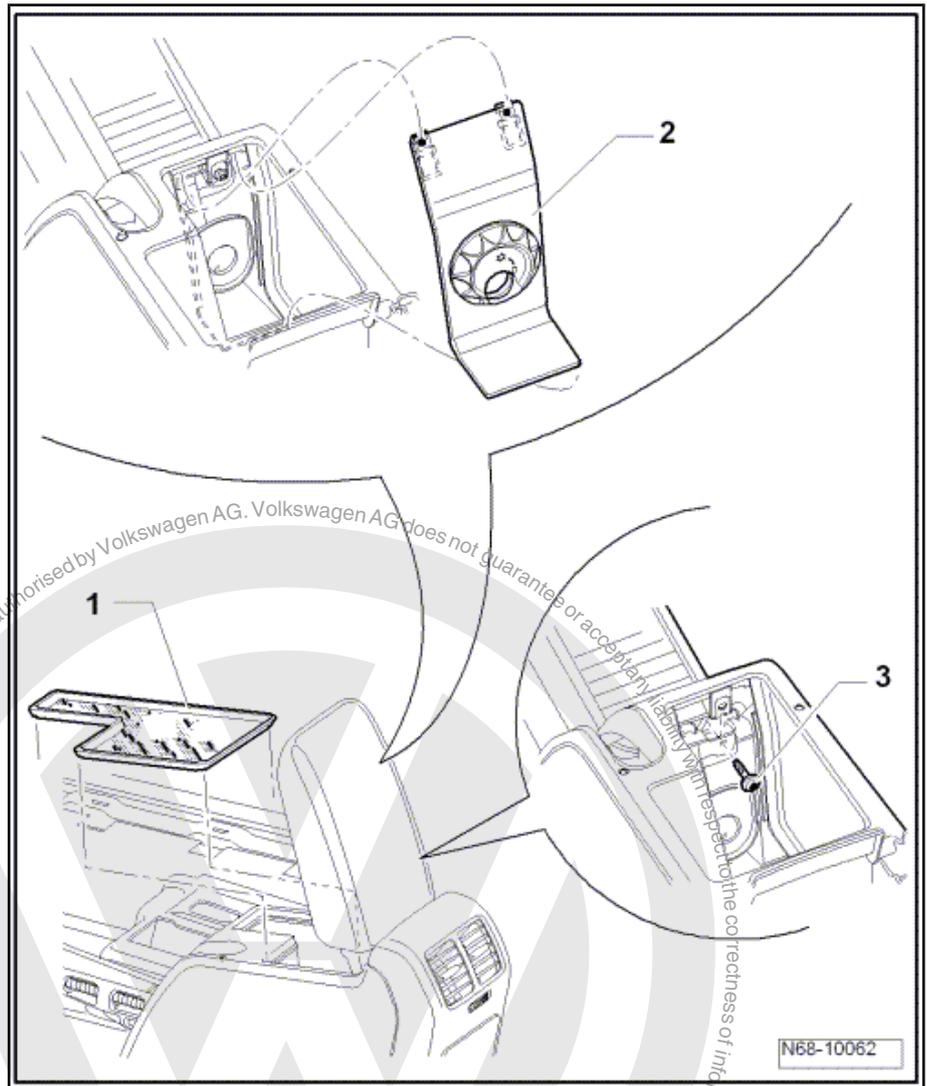


- Remove lining mat -2- from storage compartment.
- Remove bolt -3- (1.5 Nm).



Vehicles with a cooled storage compartment

- Remove lining mat -1- from storage compartment.
- Pull cover -2- out of mountings in storage compartment.
- Remove bolt -3- (1.5 Nm).

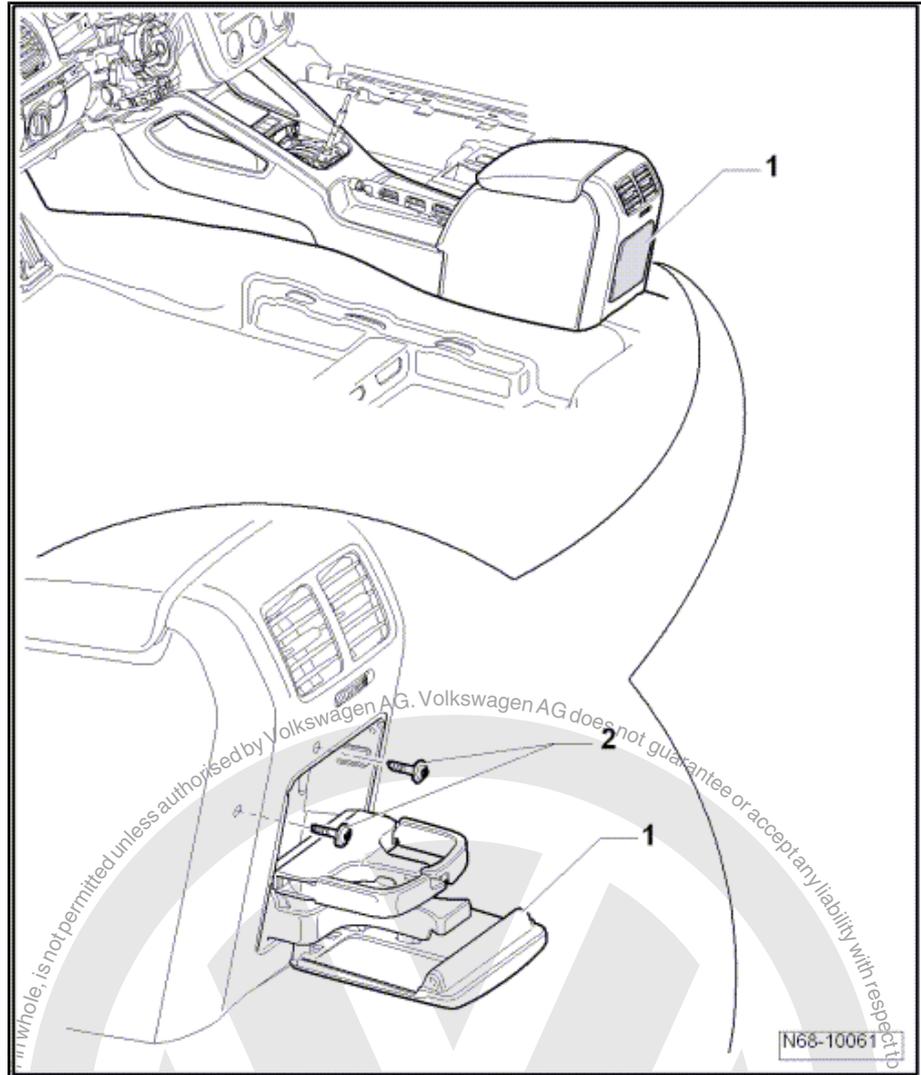


All vehicles

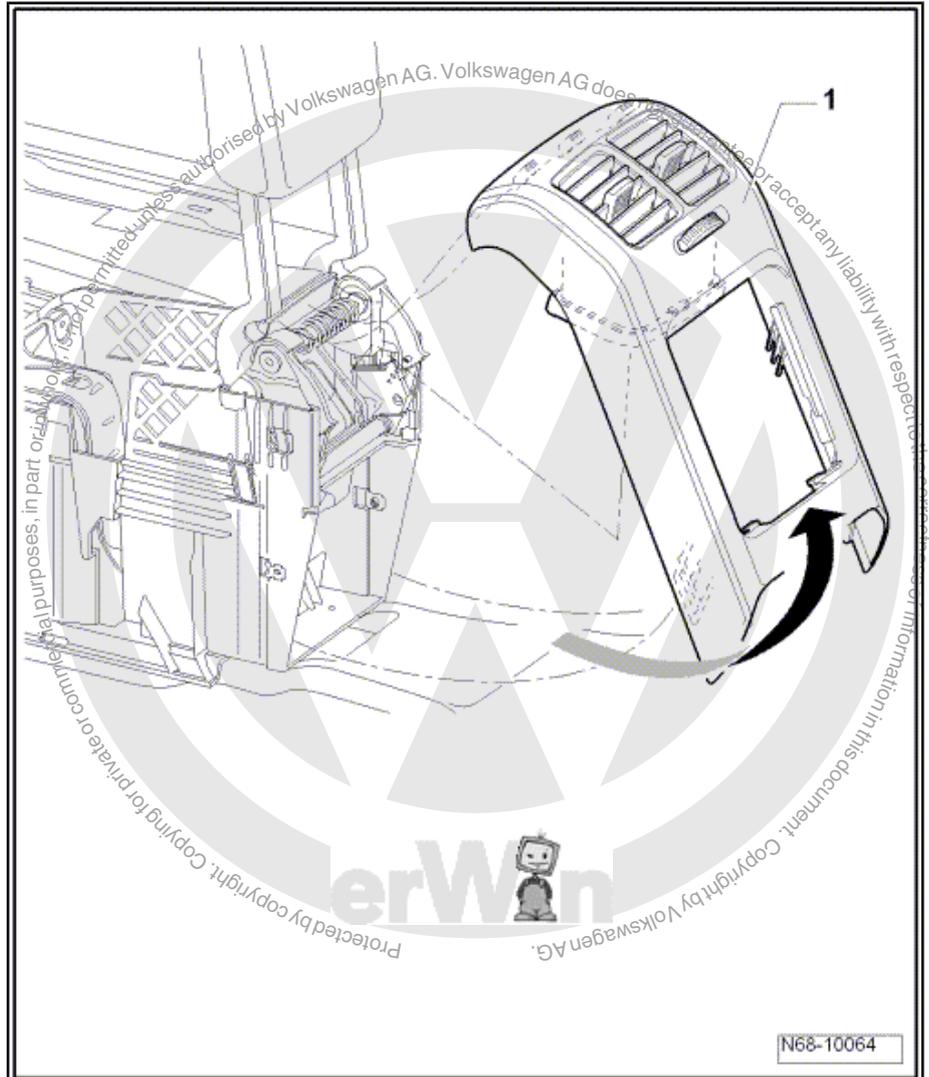
- Open cup holder -1- and remove the two bolts -2- (1.5 Nm).
- Pull cup holder out of centre console.

i Note

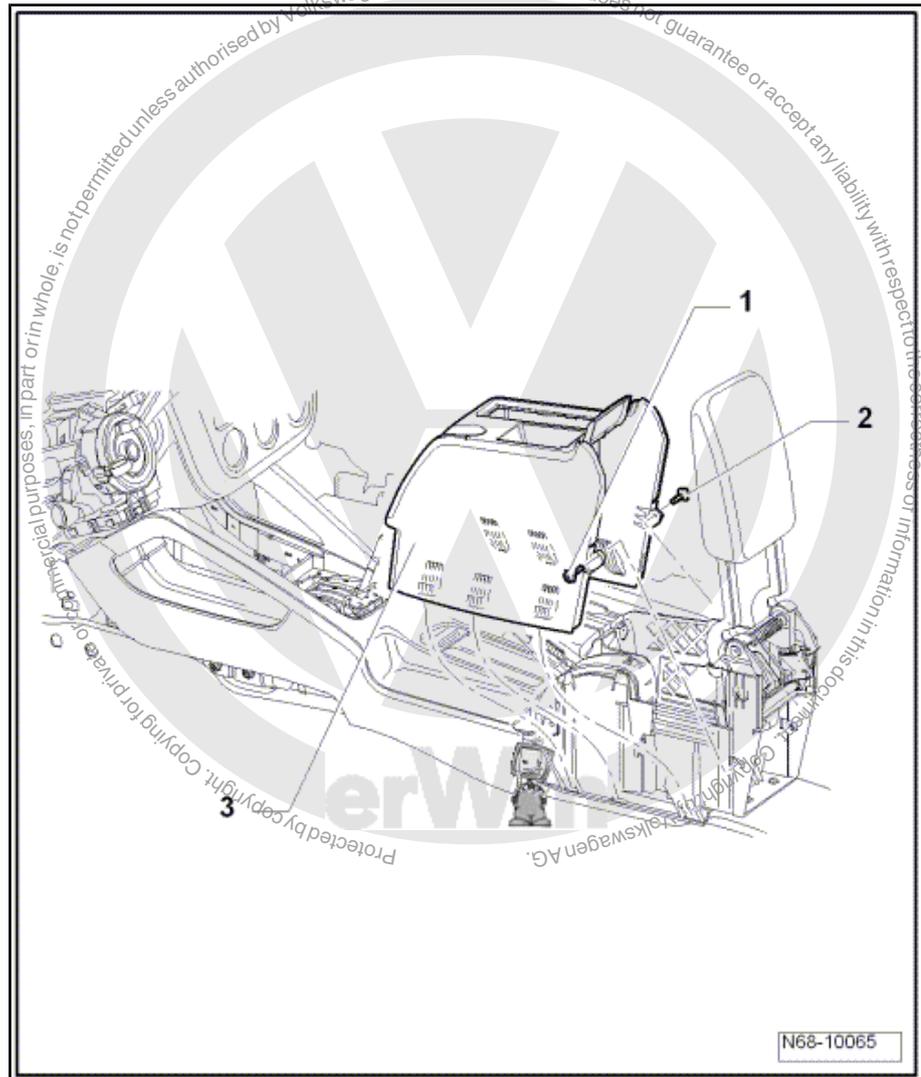
When installing, close cup holder and insert cup holder bottom first into centre console. Then open cup holder and install the two bolts -2-.



- Pull lower section of trim -1- out of mountings -arrow-.
- Take upper section of trim out of mountings in centre console.



- Remove bolts -1- and -2- (1.5 Nm).
- Release lower end of extension -3- from fastenings.

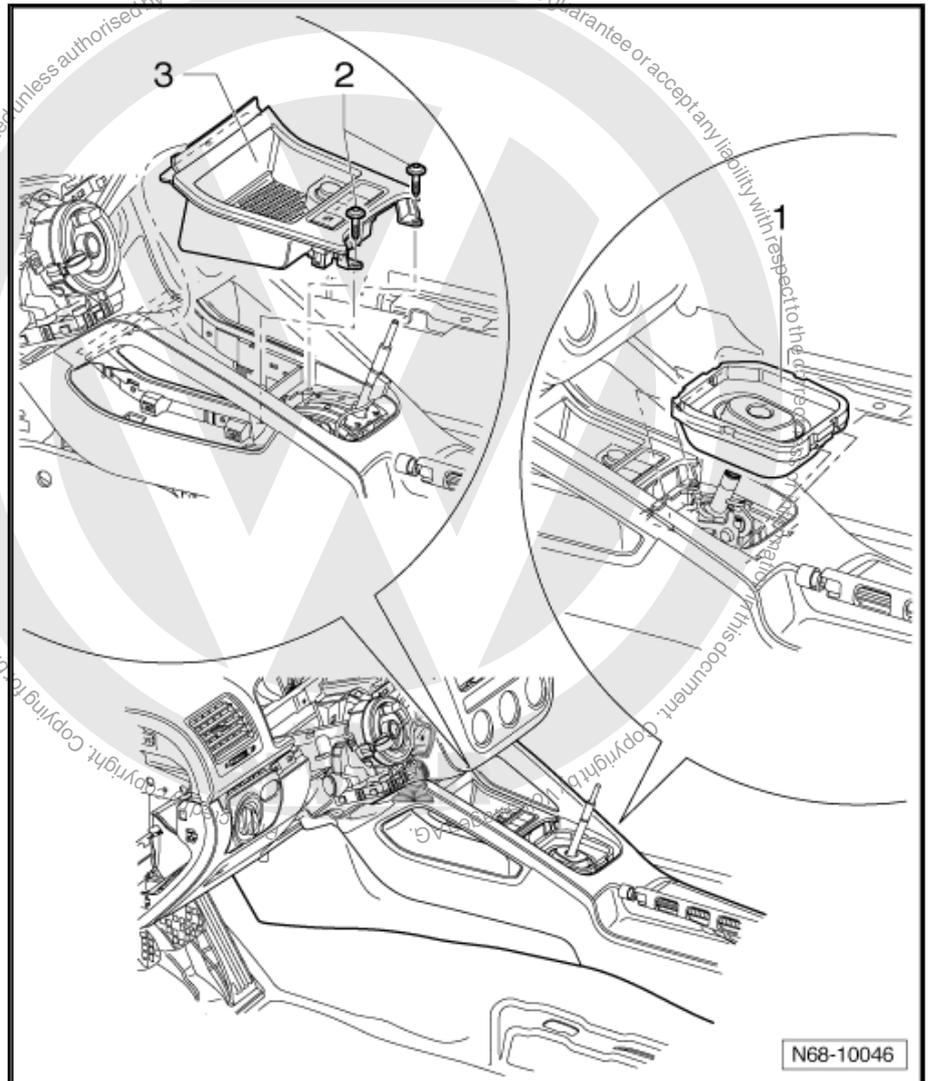


- Release selector insulation -1- from centre console.
- Remove the two bolts -2- (1.5 Nm).
- Release storage compartments -3- from centre console and disconnect wiring harness (dependent on vehicle equipment).



Note

An ashtray may be installed instead of a storage compartment -3-, but the removal is identical.

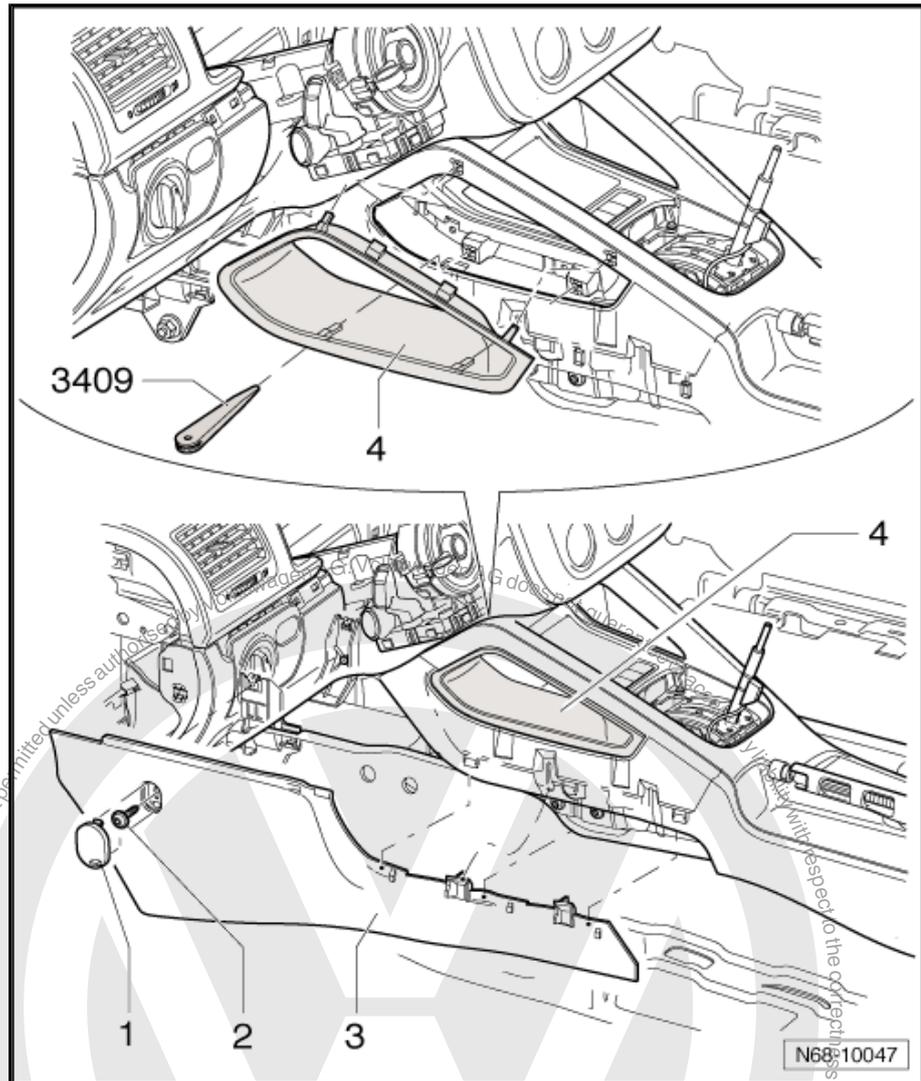


- Using a small screwdriver, unclip cover -1- from trim.
- Remove bolt -2- (1.5 Nm).
- Pull left footwell trim -3- out of mountings.

i Note

Removal of right footwell trim is identical.

- Unclip both side trims -4- from centre console by releasing fasteners with a removal wedge -3409- .



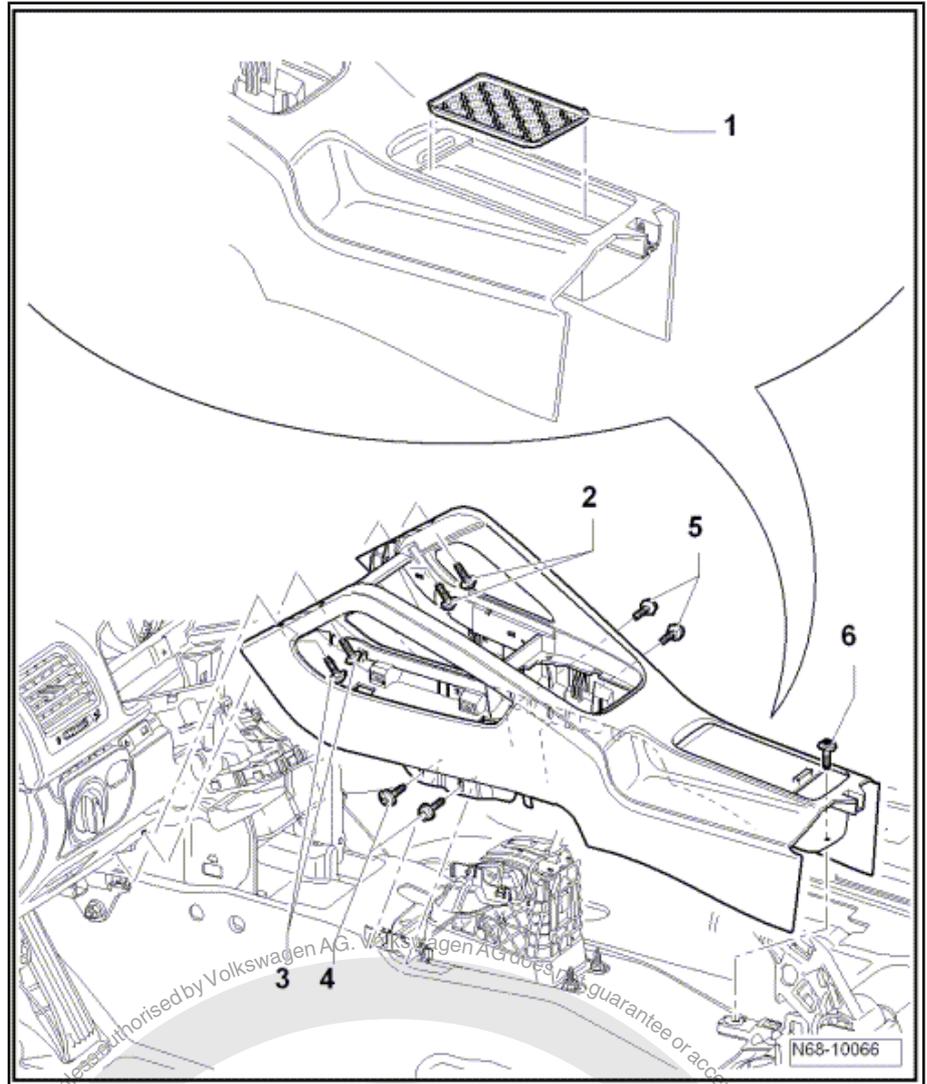
- Remove lining mat -1- from storage compartment.
- Remove the two bolts respectively -2- and -3- (1.5 Nm).
- Remove the two bolts respectively -4- and -5- (1.5 Nm).
- Remove bolt -6- (1.5 Nm).



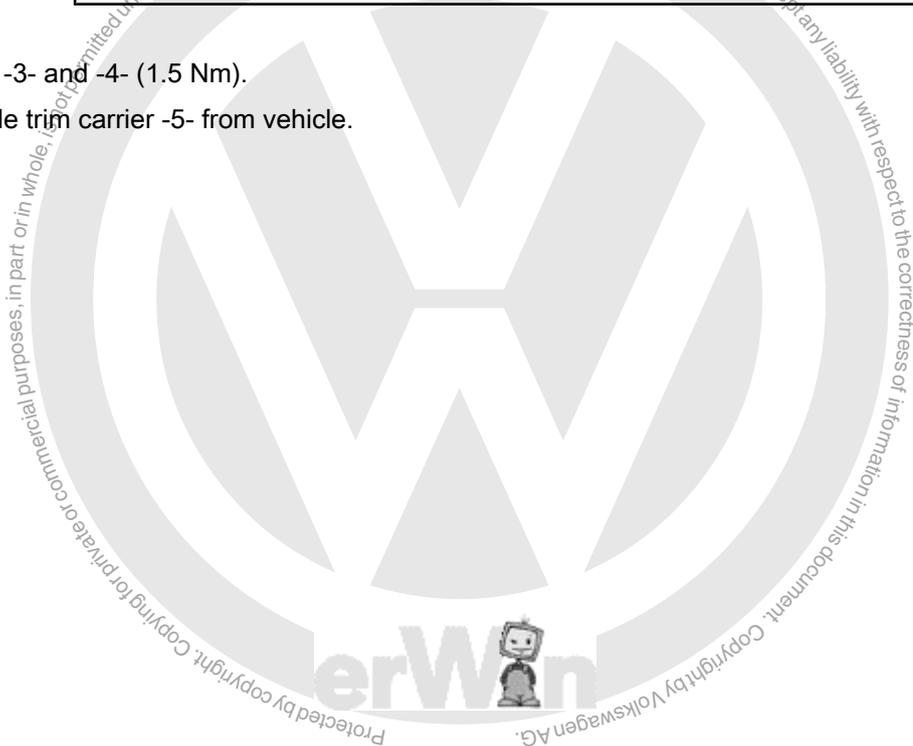
Note

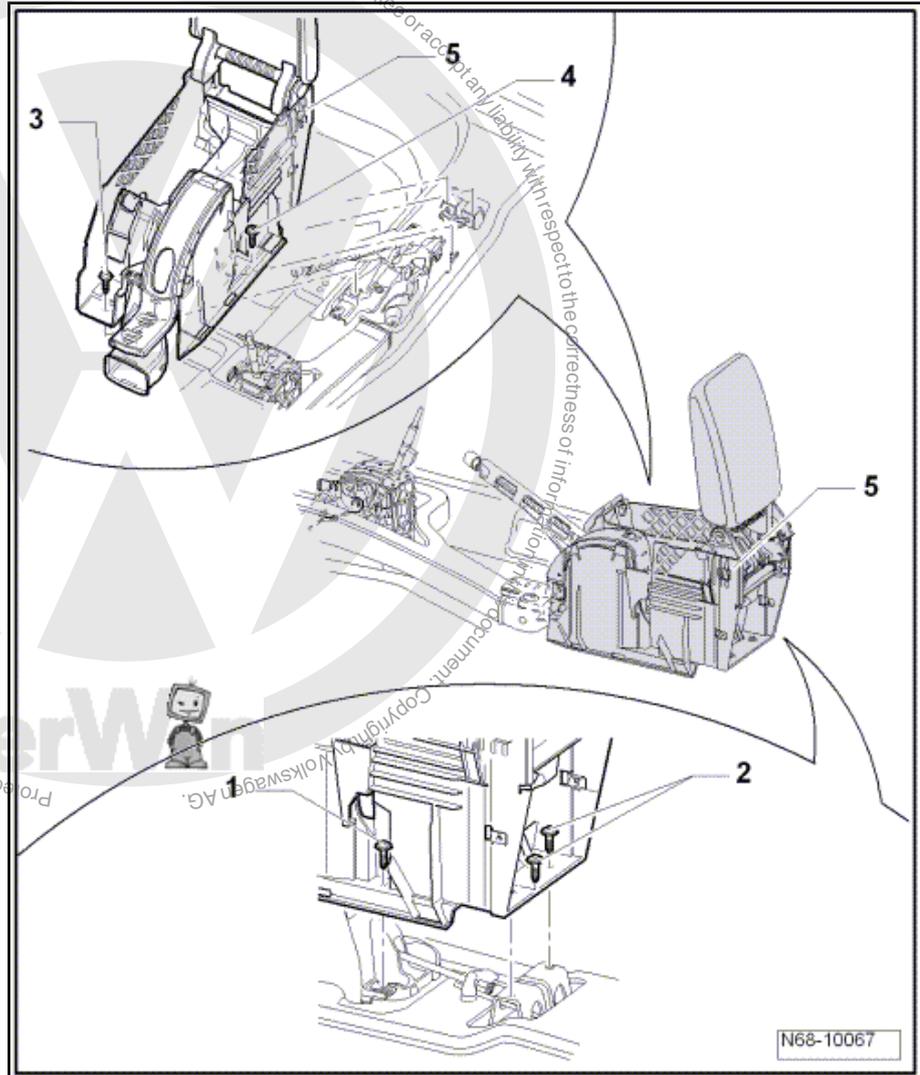
During installation, bolts must be installed in the sequence -2-, -3-, -4-, -5- and -6-.

- Remove centre console from vehicle.



- Remove bolts -1-, -2-, -3- and -4- (1.5 Nm).
- Remove centre console trim carrier -5- from vehicle.





2.4.2 Installing

- Install in reverse order of removal.

2.5 Removing and installing Highline centre console (Golf 2009 ▶)

2.5.1 Removing

- Switch off ignition.

Vehicles with automatic gearbox

- Loosen gear lever boot from cover ⇒ Rep. Gr. 37 .

Vehicles with manual or direct shift gearbox

- Loosen gear lever boot from cover ⇒ Rep. Gr. 34 .

All vehicles

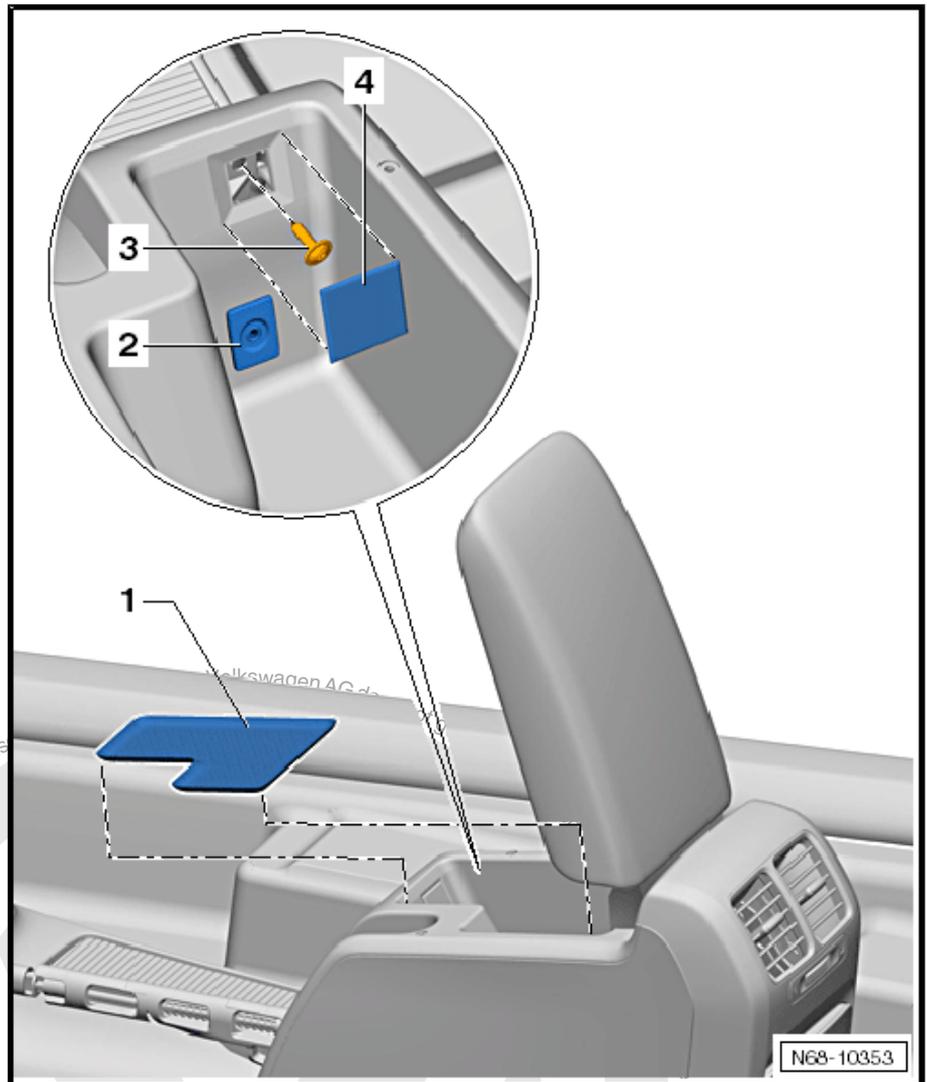
- Remove handbrake lever trim ⇒ Rep. Gr. 46 .
- Remove dash panel central trim (Golf 2009 ▶) ⇒ [page 59](#)
- Remove air conditioner/heater control panel trim (Golf 2009 ▶)
⇒ [page 59](#)



- Remove centre cover (Golf 2009 ▶) ⇒ [page 68](#)

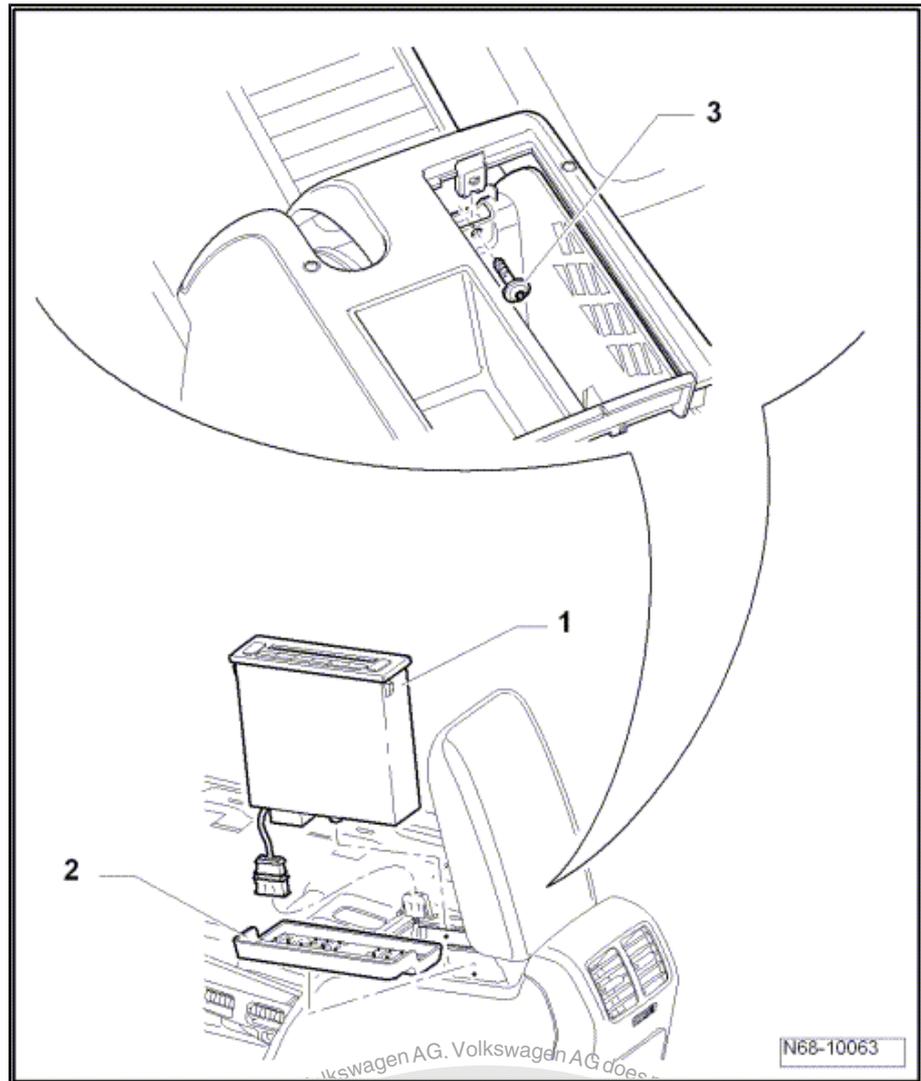
Vehicles without CD changer

- Remove lining mat -1- from storage compartment.
- If fitted, remove "AUX IN socket" -2- ⇒ Communication; Rep. Gr. 91 ; Removing and installing connection for external audio sources -R199- .
- Unclip cover -4- from fasteners in storage compartment.
- Remove bolt -3- (1.5 Nm).



Vehicles with a CD changer

- Remove CD changer -1- ⇒ Communication; Rep. Gr. 91 ; Removing and installing CD changer .
- Remove lining mat -2- from storage compartment.
- Remove bolt -3- (1.5 Nm).



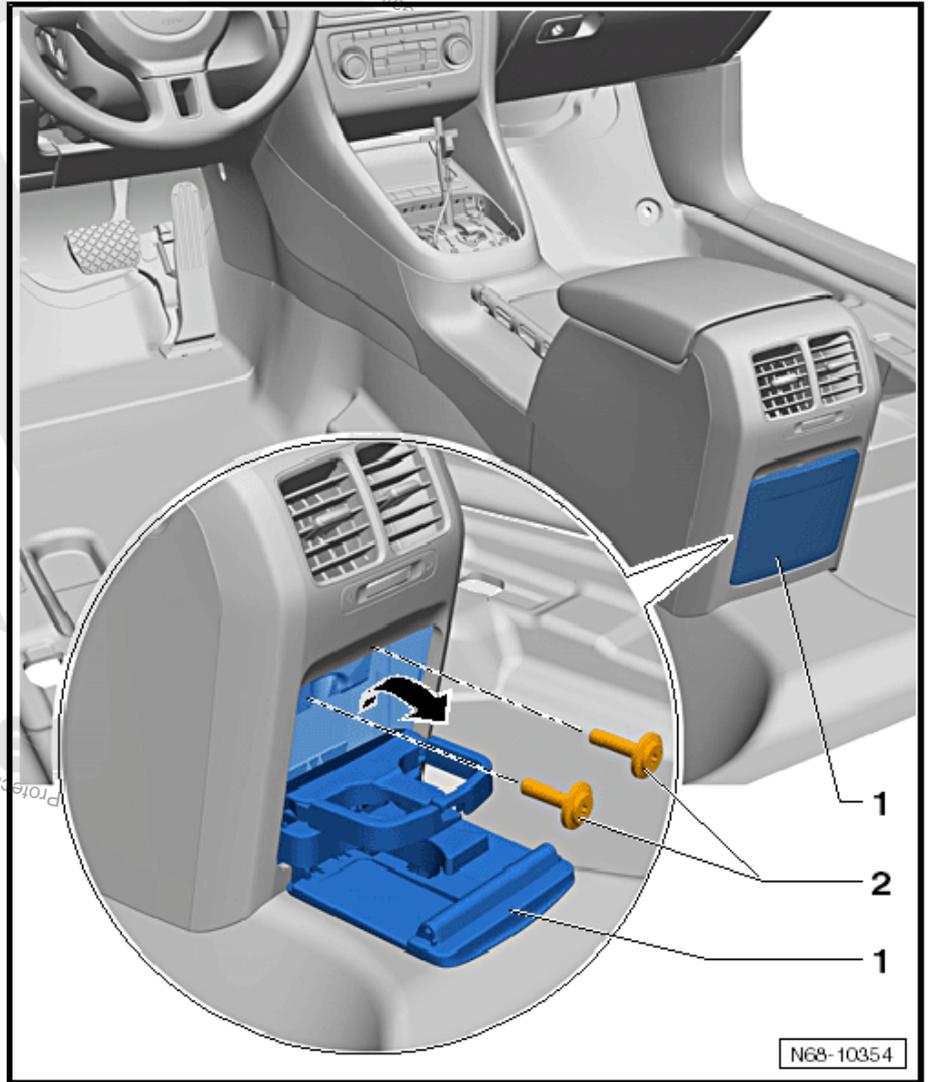
All vehicles

- Open cup holder -1- and remove the two bolts -2- (1.5 Nm).
- Pull cup holder out of centre console.

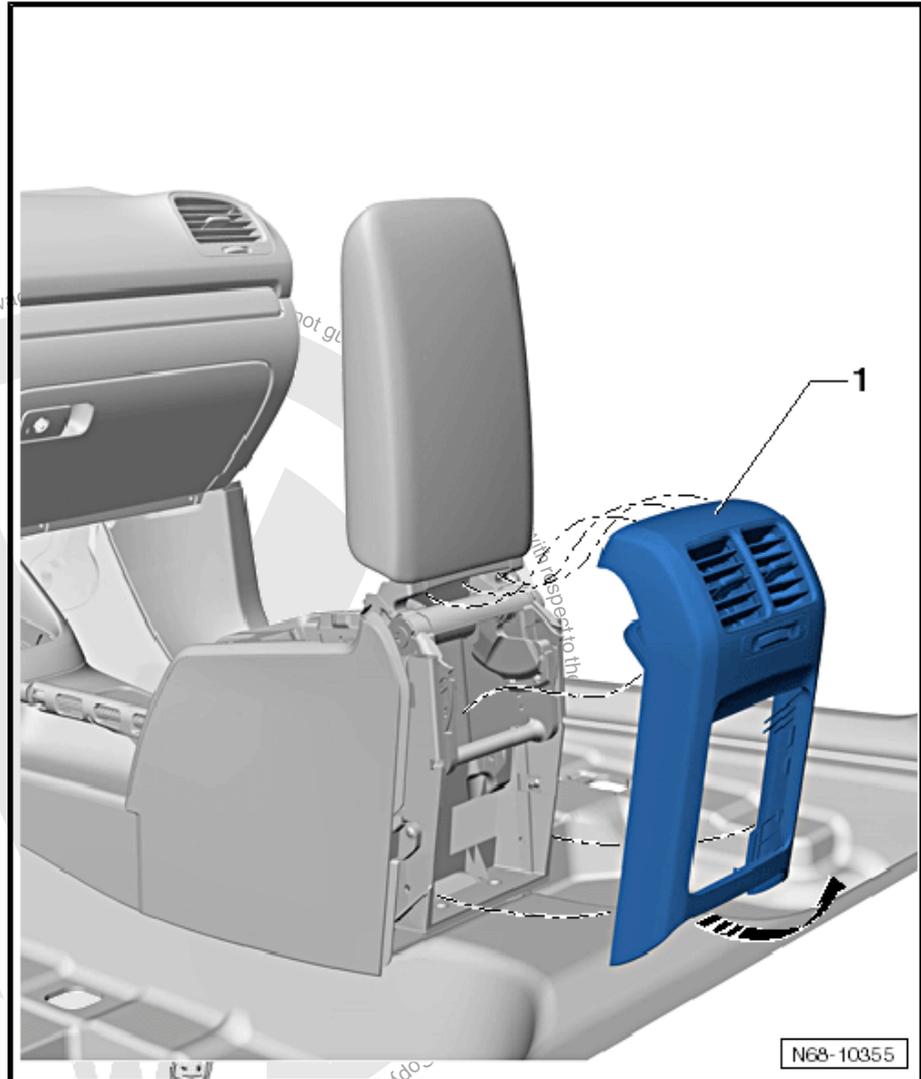


Note

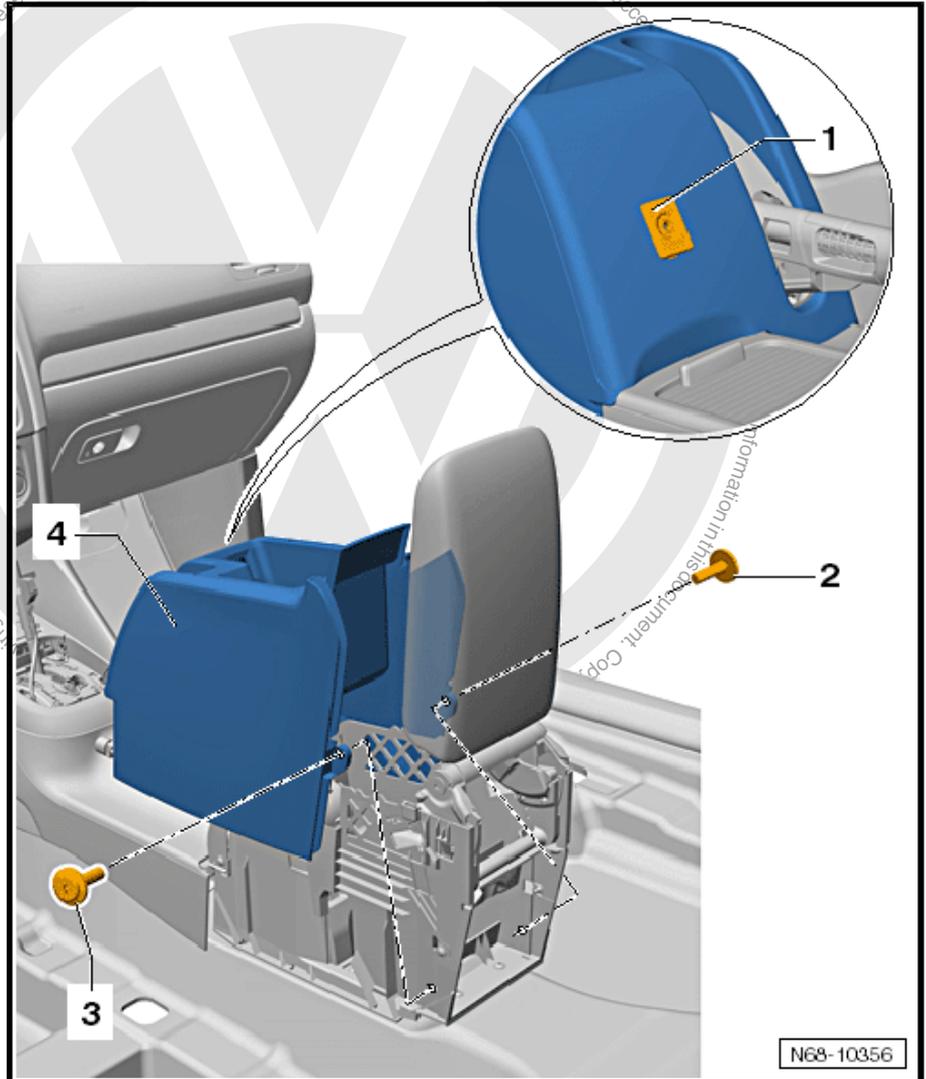
When installing, close cup holder and insert cup holder bottom first into centre console. Then open the cup holder and install the two bolts -2-.



- Pull lower section of trim -1- out of mountings -arrow-.
- Take upper section of trim out of mountings in centre console.



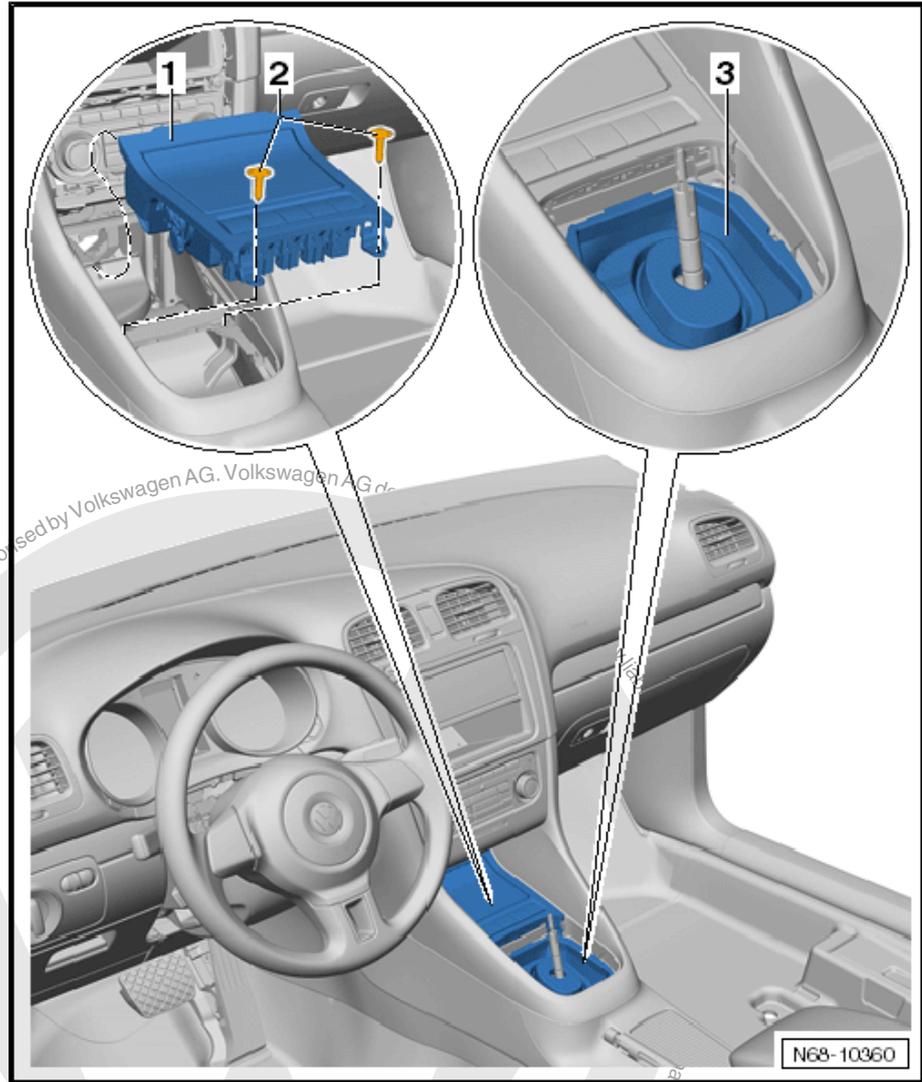
- If fitted, remove "AUX IN socket" -1- ⇒ Communication; Rep. Gr. 91 ; Removing and installing connection for external audio sources -R199- .
- Remove bolts -2- and -3- (1.5 Nm).
- Release lower end of extension -4- from fastenings.



- Release gearstick insulation -3- from centre console (only vehicles with a gearstick).
- Remove the two bolts -2- (1.5 Nm).
- Release ashtray unit -1- from centre console and disconnect wiring harness (dependent on vehicle equipment).

i Note

A storage compartment may be installed instead of an ashtray -1-, but the removal is identical.

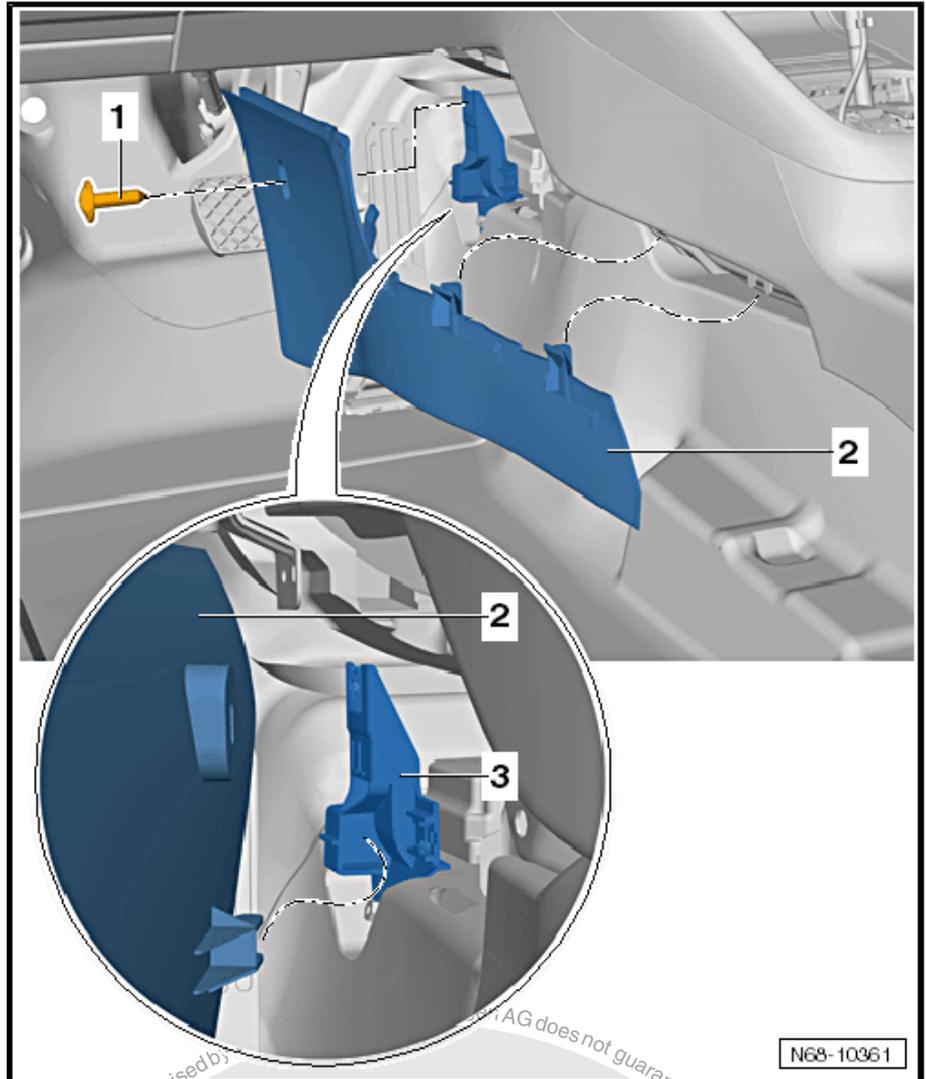


- Remove bolt -1- (1.5 Nm).
- Pull left footwell trim -2- out of mountings.



Note

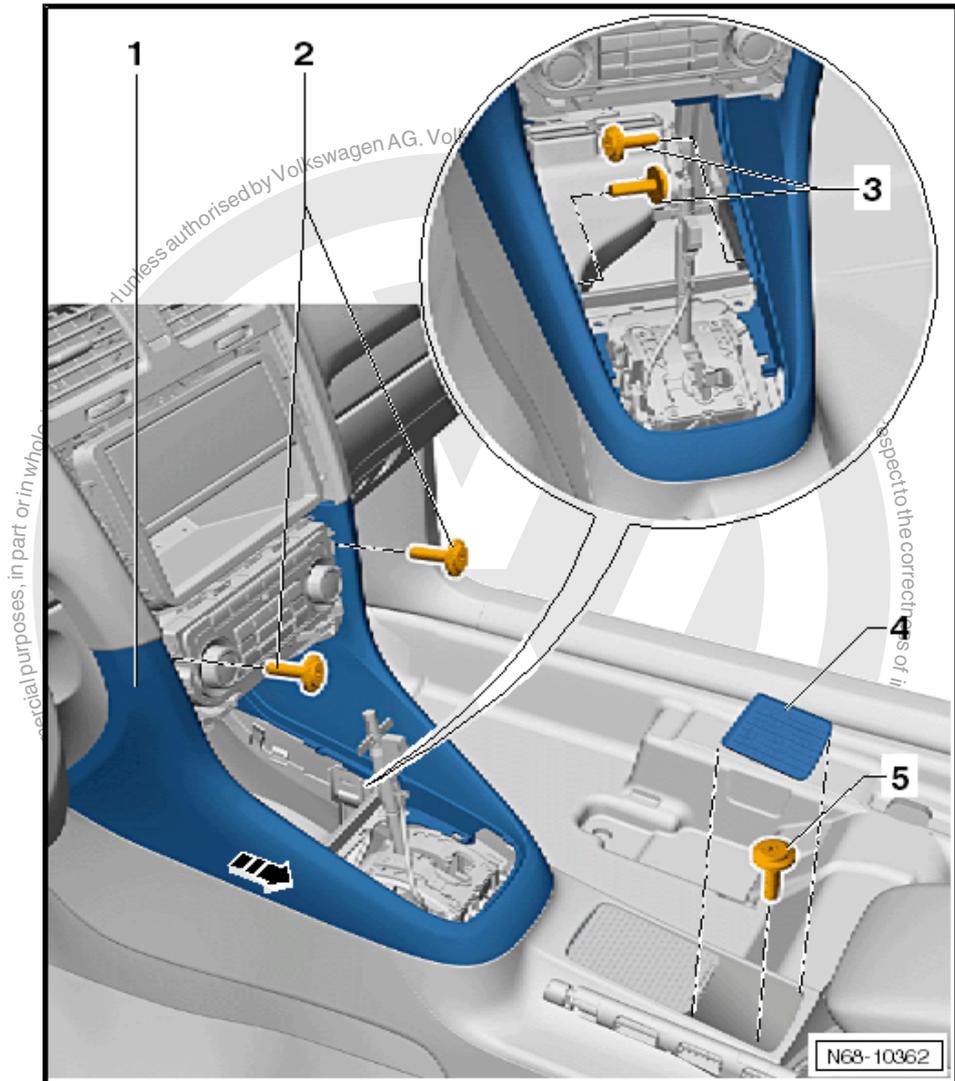
- ◆ *Removal of right footwell trim is identical.*
- ◆ *When installing, insert footwell trim -2- first into mounting -3-.*



- Remove lining mat -4- from storage compartment.
- Remove bolt -5- (1.5 Nm).
- Remove the two bolts -3- (1.5 Nm).
- Remove the two bolts -2- (1.5 Nm).
- Pull centre console cover -1- out in direction of -arrow-.

i Note

When installing, bolts must be installed in sequence -2-, -5- and -3-.

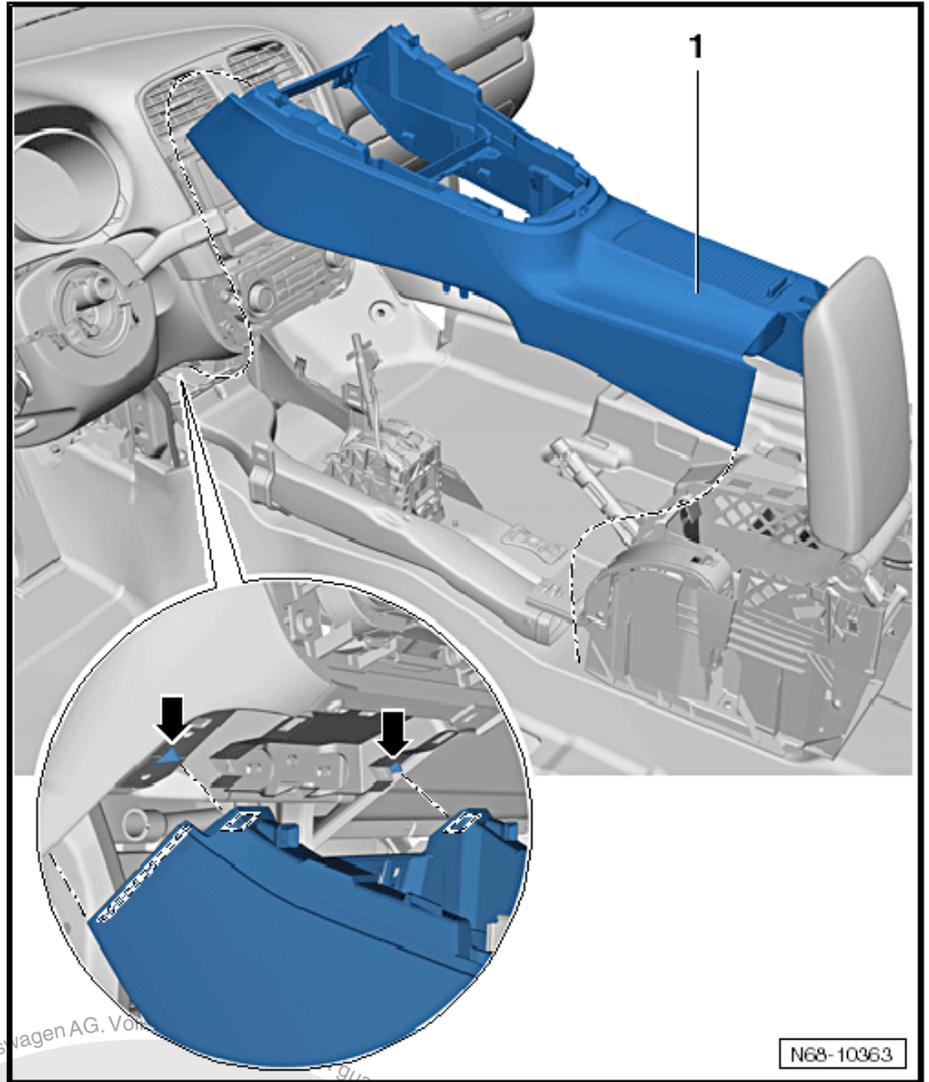


- Remove centre console -1- from vehicle.

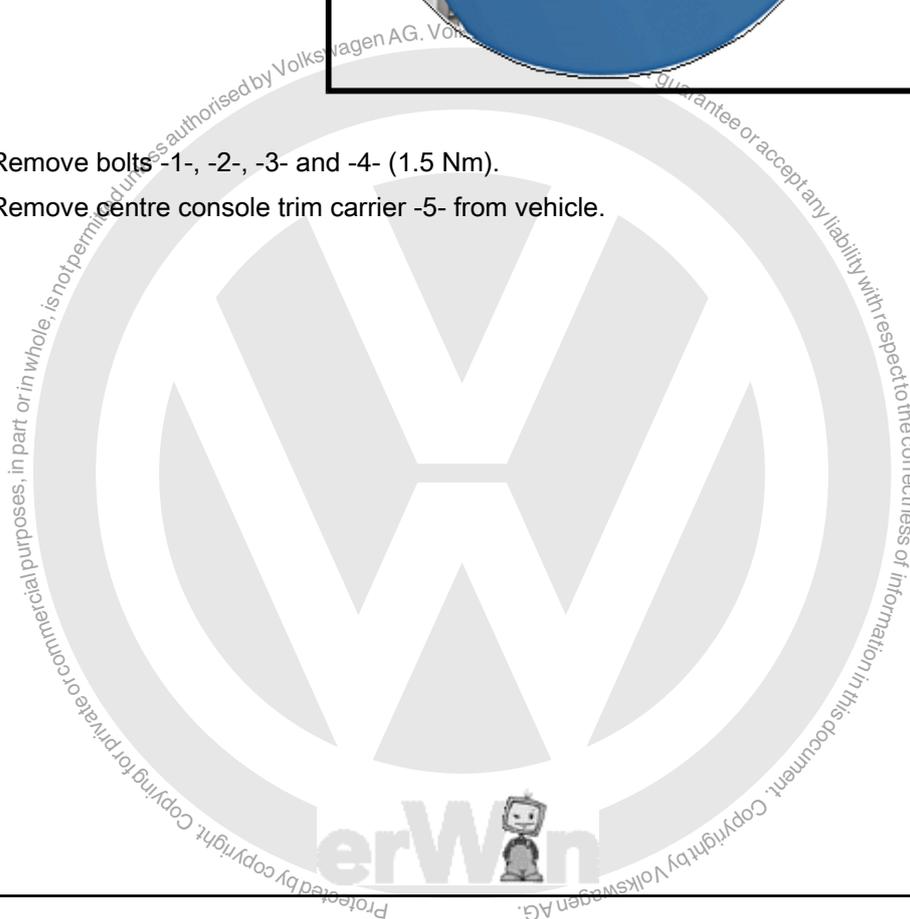


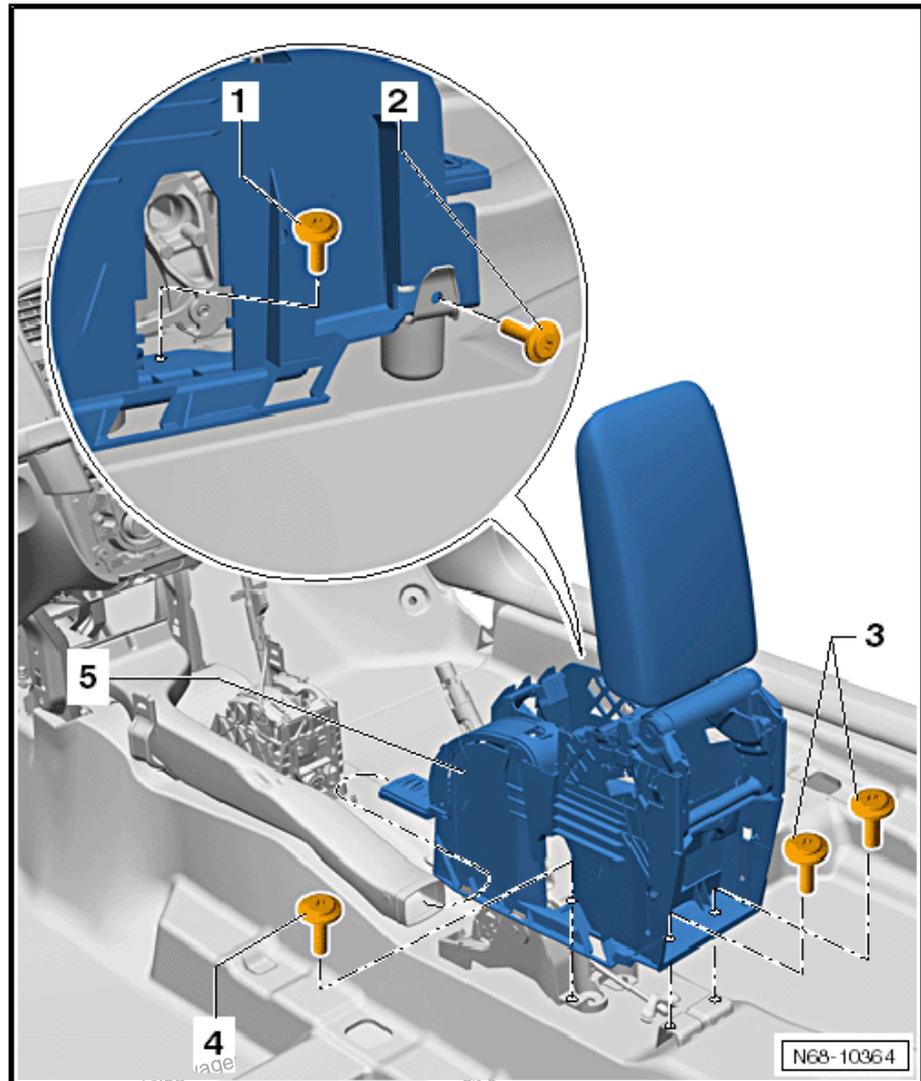
Note

When installing, ensure centre console -1- locks into mountings -arrows- of dash panel.



- Remove bolts -1-, -2-, -3- and -4- (1.5 Nm).
- Remove centre console trim carrier -5- from vehicle.

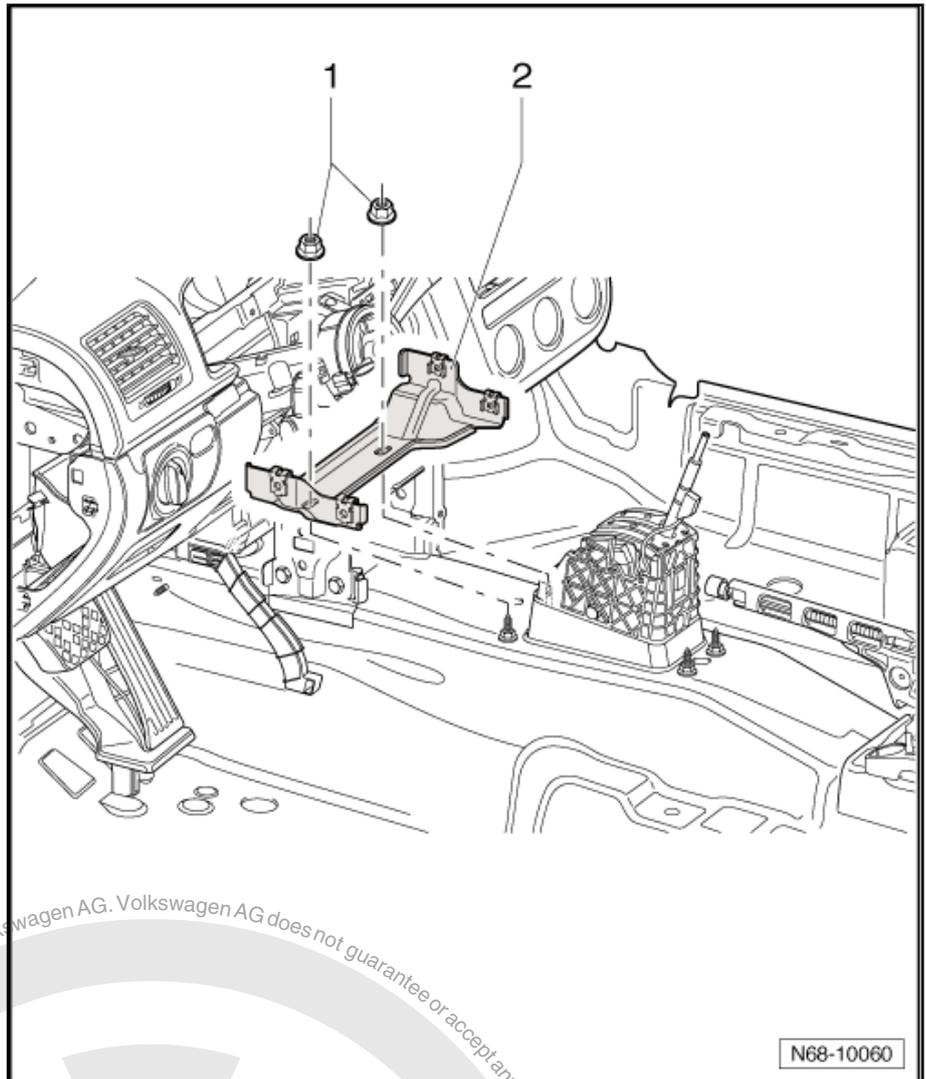




2.6 Removing and installing mounting bracket for centre console (Golf 2004 ▶)

2.6.1 Removing on vehicles with front centre armrest and 2 air vents in centre console

- Switch off ignition.
- Remove centre console ⇒ [page 15](#) .
- Remove both nuts -1- (8 Nm) and remove mounting bracket -2-.



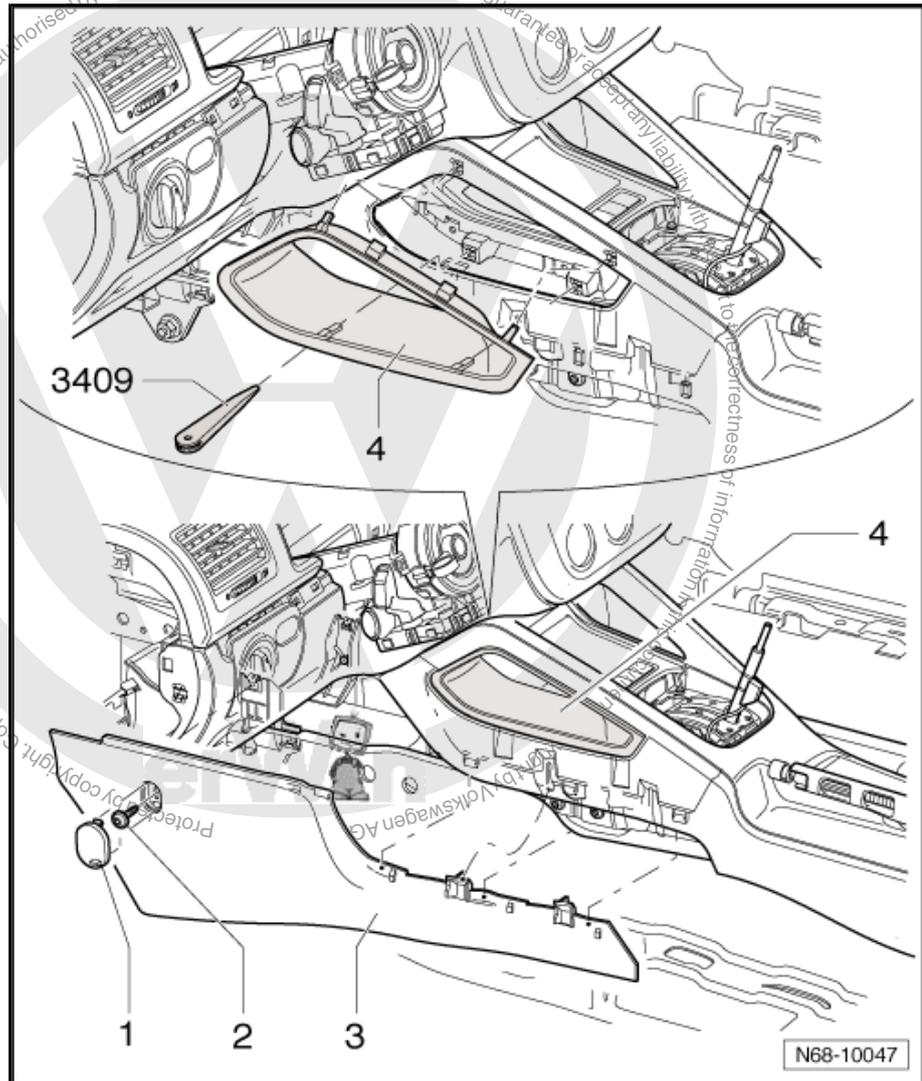
2.6.2 Removing on vehicles without front centre armrest and without air vents in centre console

Vehicles with automatic gearbox

- Release selector lever boot from cover ⇒ Rep. Gr. 37 .

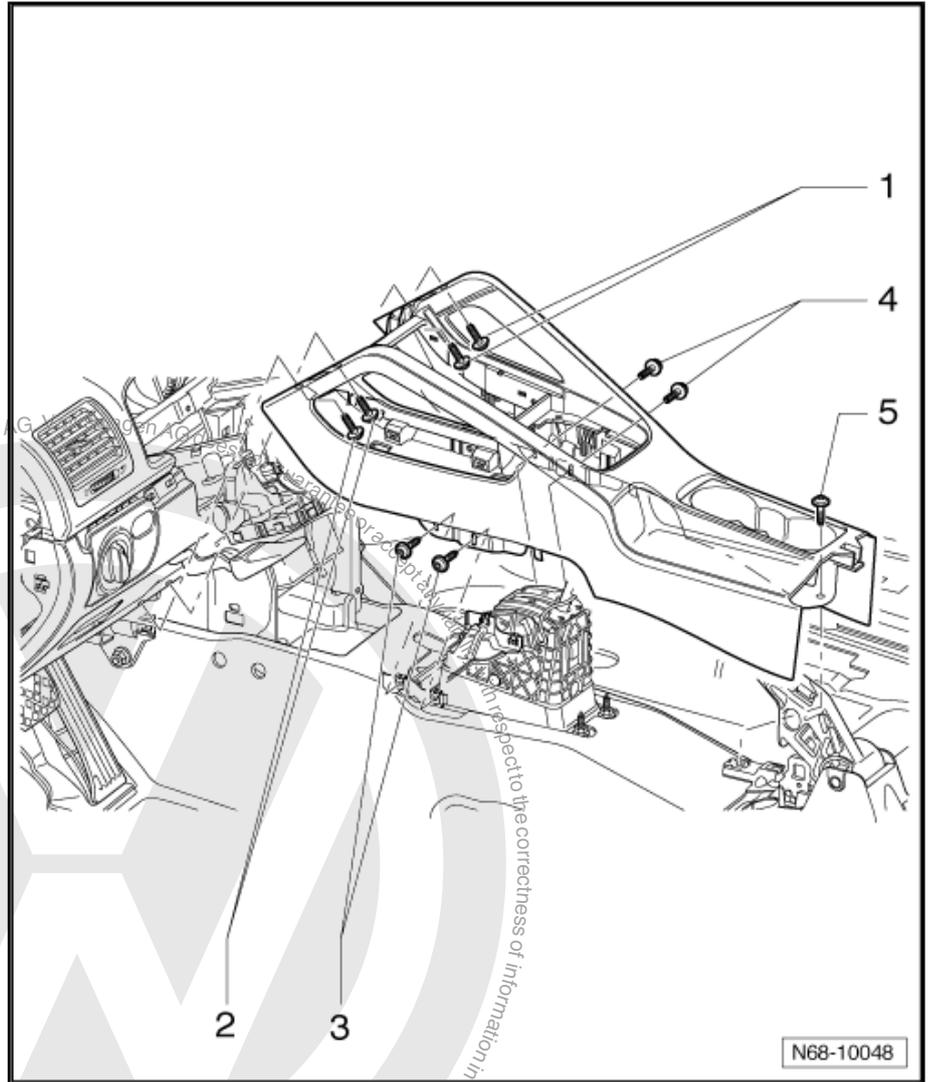
Vehicles with manual or dual clutch gearbox

- Release selector lever boot from cover ⇒ Rep. Gr. 34 .
- Removing storage compartment / ashtray unit (Golf 2004 ▶)
⇒ [page 47](#)
- Unclip cover -1- from trim using a small screwdriver.
- Remove bolt -2- (1.5 Nm).
- Pull left footwell trim -3- out of mountings.
- Detach right footwell trim, removal is identical.
- It is not necessary to remove trim -4- on both sides.

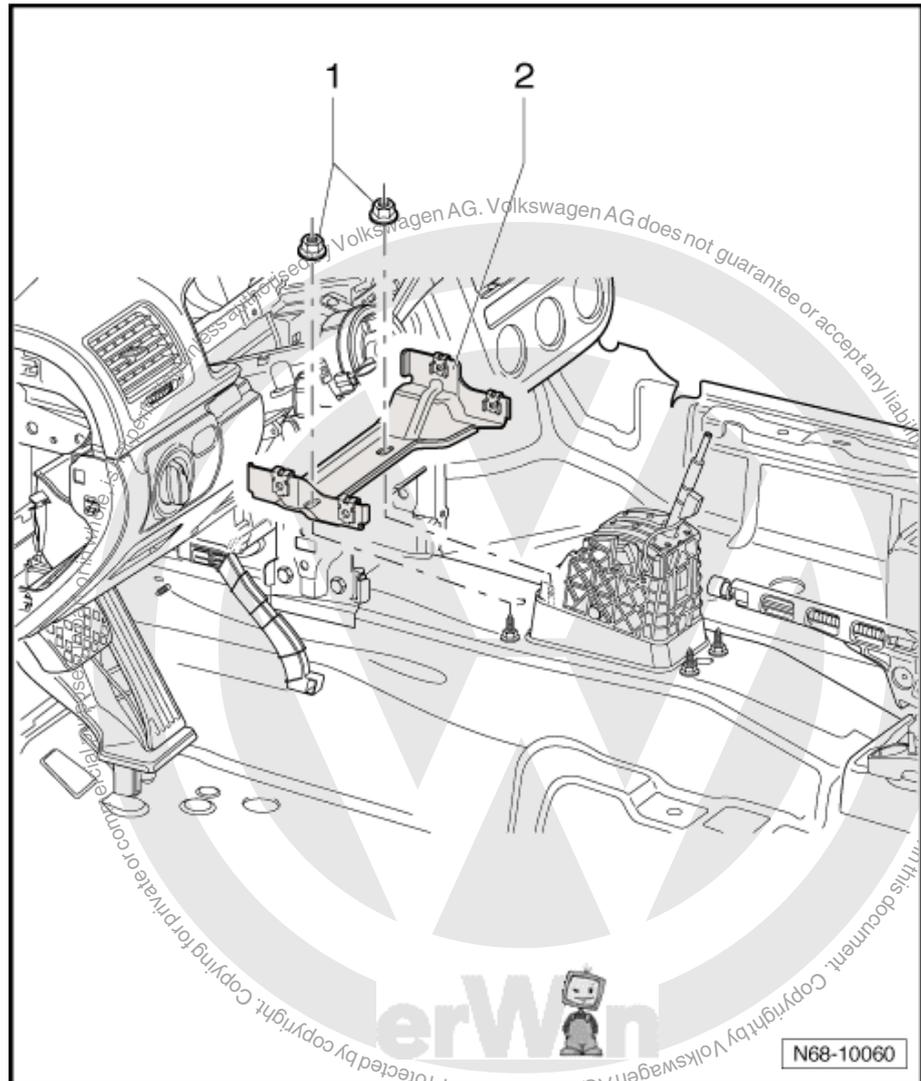


- Remove two bolts each -3- and -4- (1.5 Nm).

To remove securing bracket of centre console, it is not necessary to remove bolts -1-, -2- and -5-.



- Remove the two nuts -1- (8 Nm) and remove securing bracket -2-.



2.6.3 Installing

- In each case, install in reverse order of removal.

2.7 Removing and installing mounting bracket for centre console and mounting bracket for footwell trim (Golf 2009 ▶)

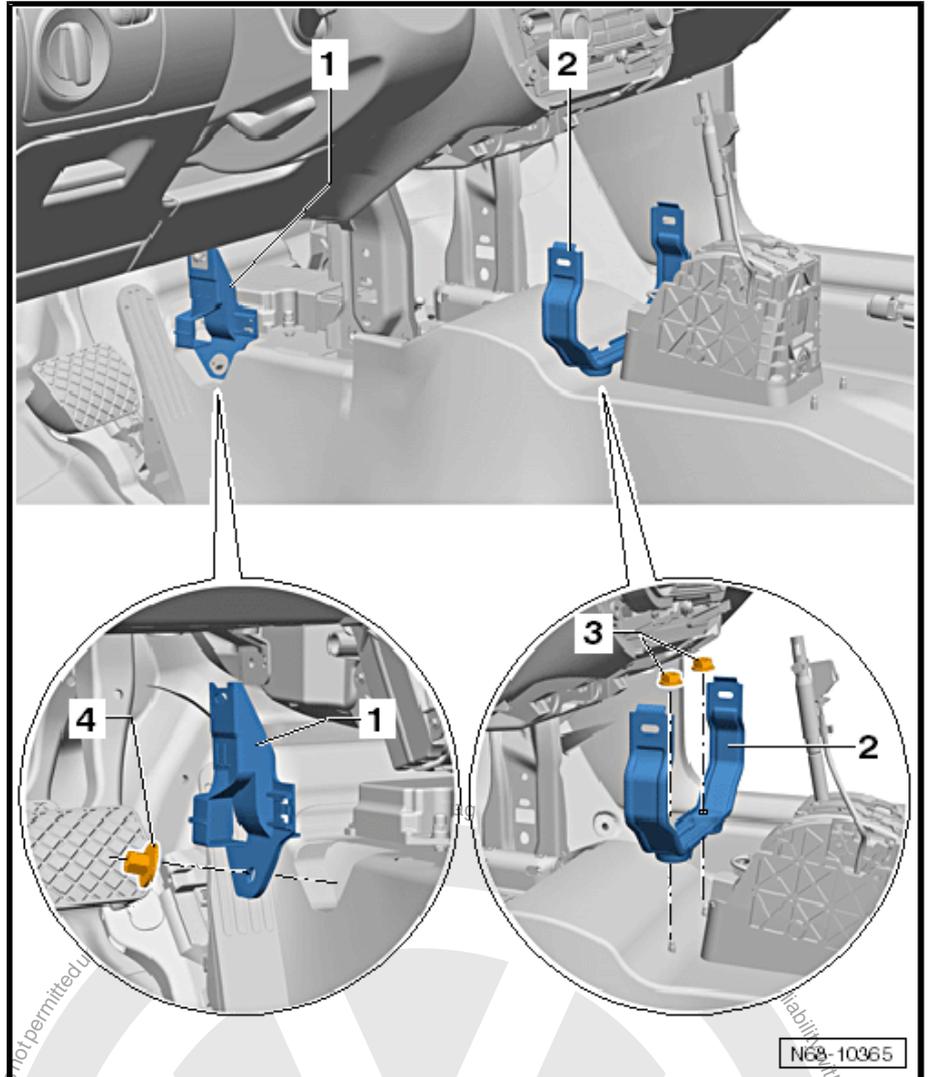
2.7.1 Removing on vehicles with front centre armrest and 2 air vents in centre console

- Switch off ignition.
- Remove centre console ⇒ [page 24](#) .
- Remove the two nuts -3- (8 Nm) and remove mounting bracket -2- for centre console.
- Remove nuts -4- (2.5 Nm) and remove mounting bracket -1- for footwell trim.



i Note

Removal of mounting bracket for right footwell trim is identical.



2.7.2 Removing on vehicles without front centre armrest and without air vents in centre console

- Switch off ignition.

Vehicles with automatic gearbox

- Loosen gearstick boot from cover ⇒ Rep. Gr. 37 .

Vehicles with manual or dual clutch gearbox

- Loosen gearstick boot from cover ⇒ Rep. Gr. 34 .
- Release gearstick insulation -3- from centre console (only vehicles with a gearstick).
- Remove the two bolts -2- (1.5 Nm).

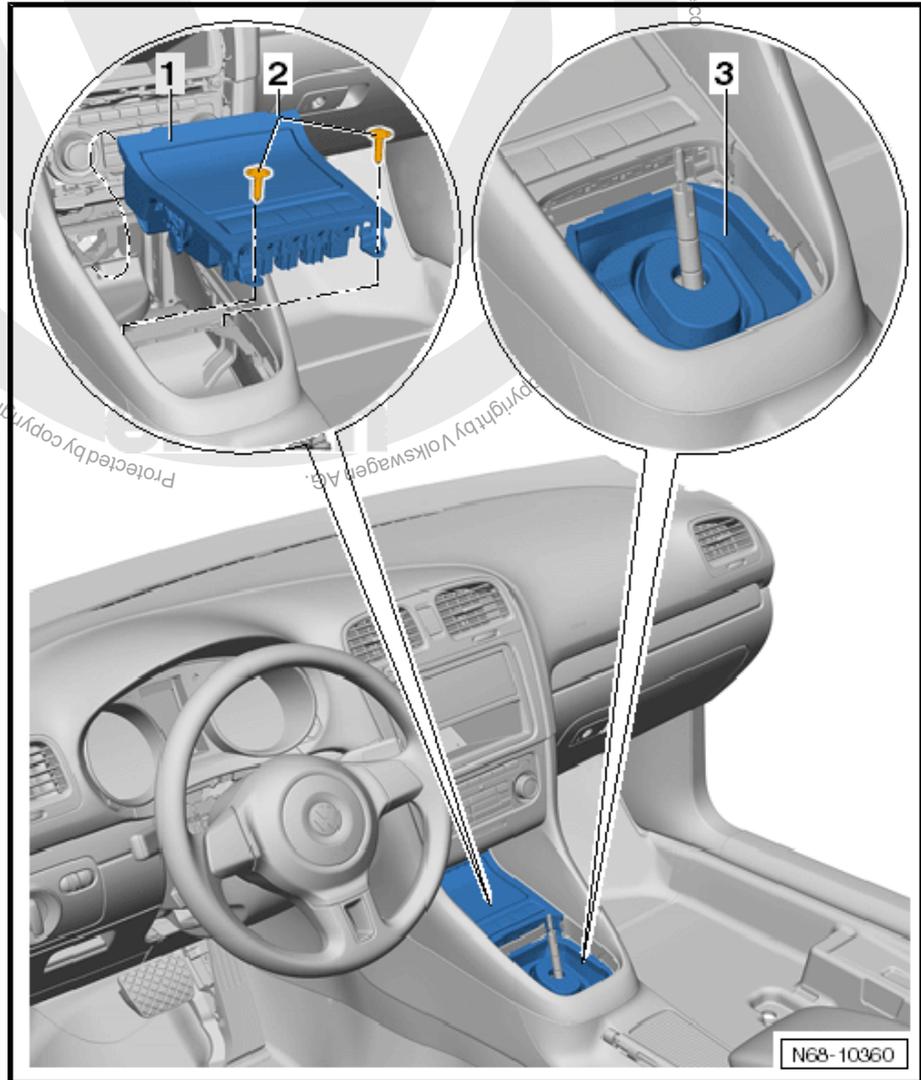


- Release ashtray unit -1- from centre console and disconnect wiring harness (dependent on vehicle equipment).



Note

A storage compartment may be installed instead of an ashtray -1-, but the removal is identical.

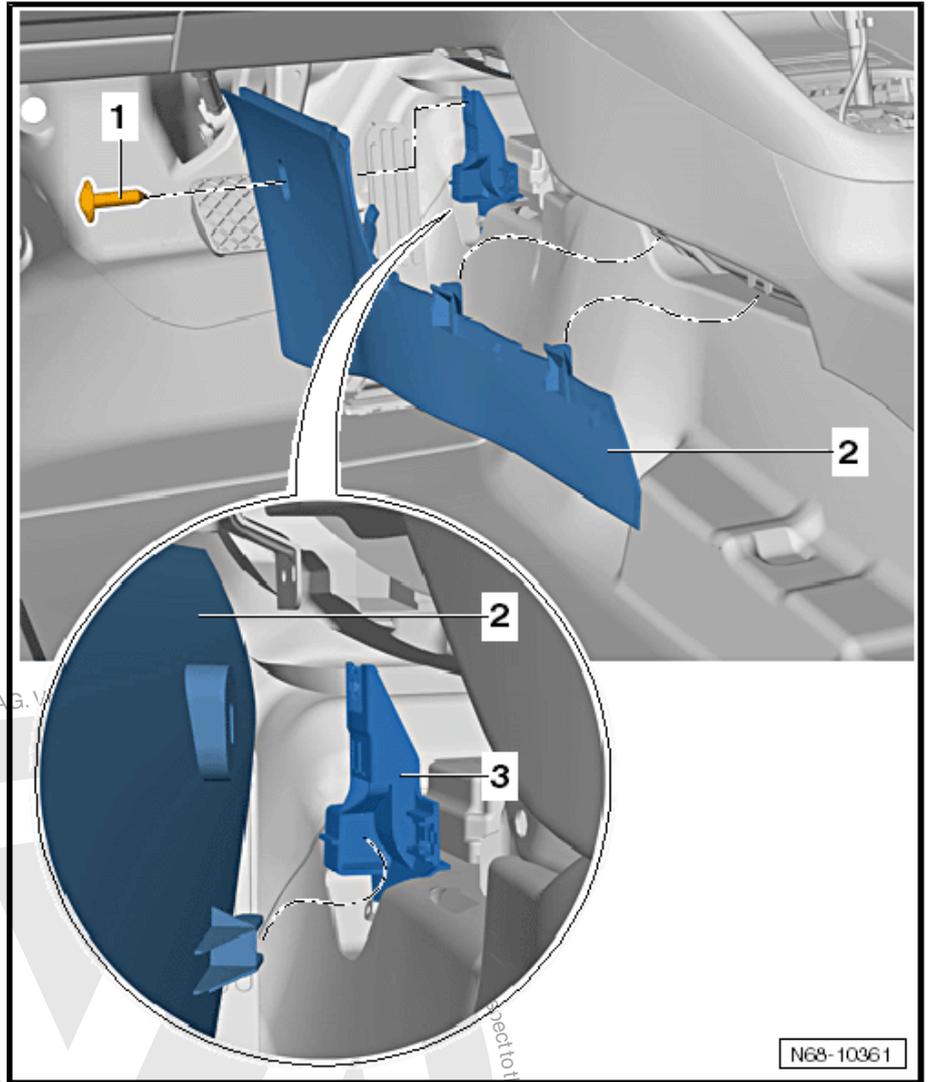


- Remove bolt -1- (1.5 Nm).
- Pull left footwell trim -2- out of mountings.



Note

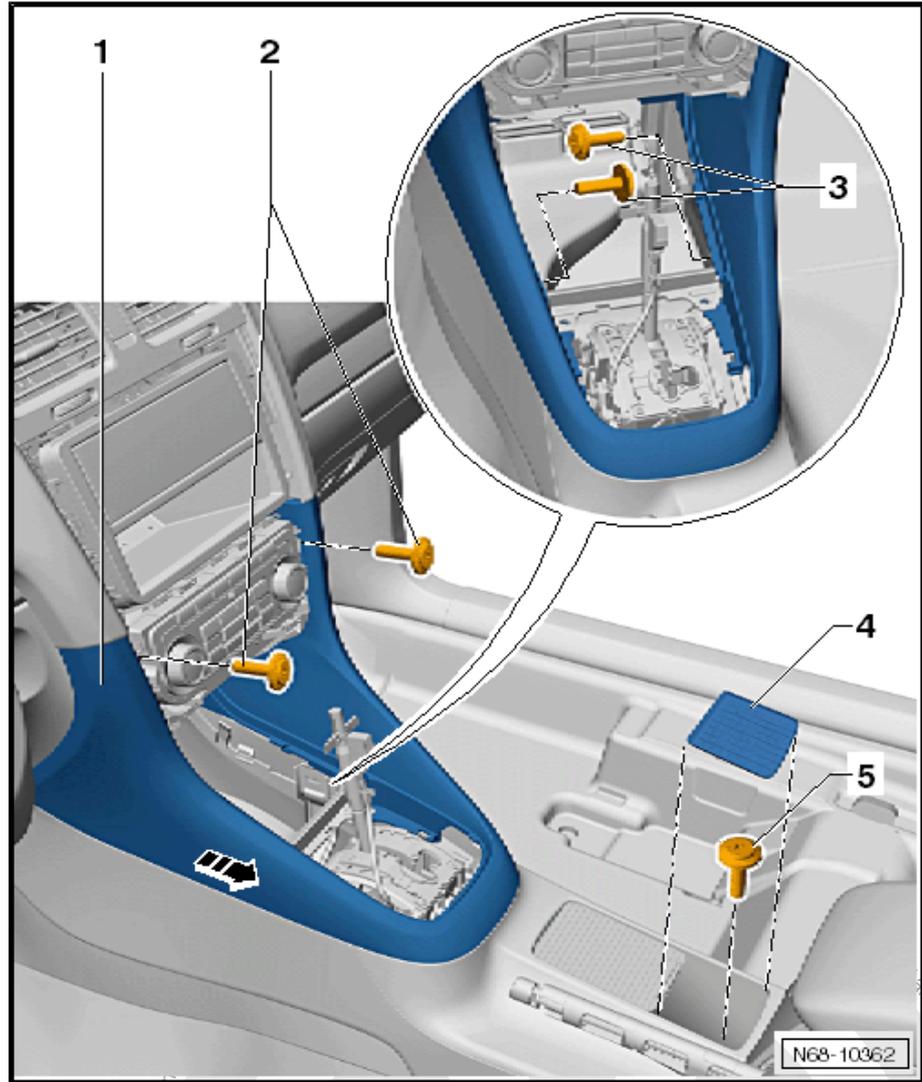
- ◆ *Removal of right footwell trim is identical.*
- ◆ *When installing, first insert footwell trim -2- into mounting -3-.*



— Remove the two bolts -3- (1.5 Nm).

To remove securing bracket, it is not necessary to remove bolts -2- and -5-.

It is also not necessary to remove lining mat -4-. The -arrow- in the illustration is of no importance.

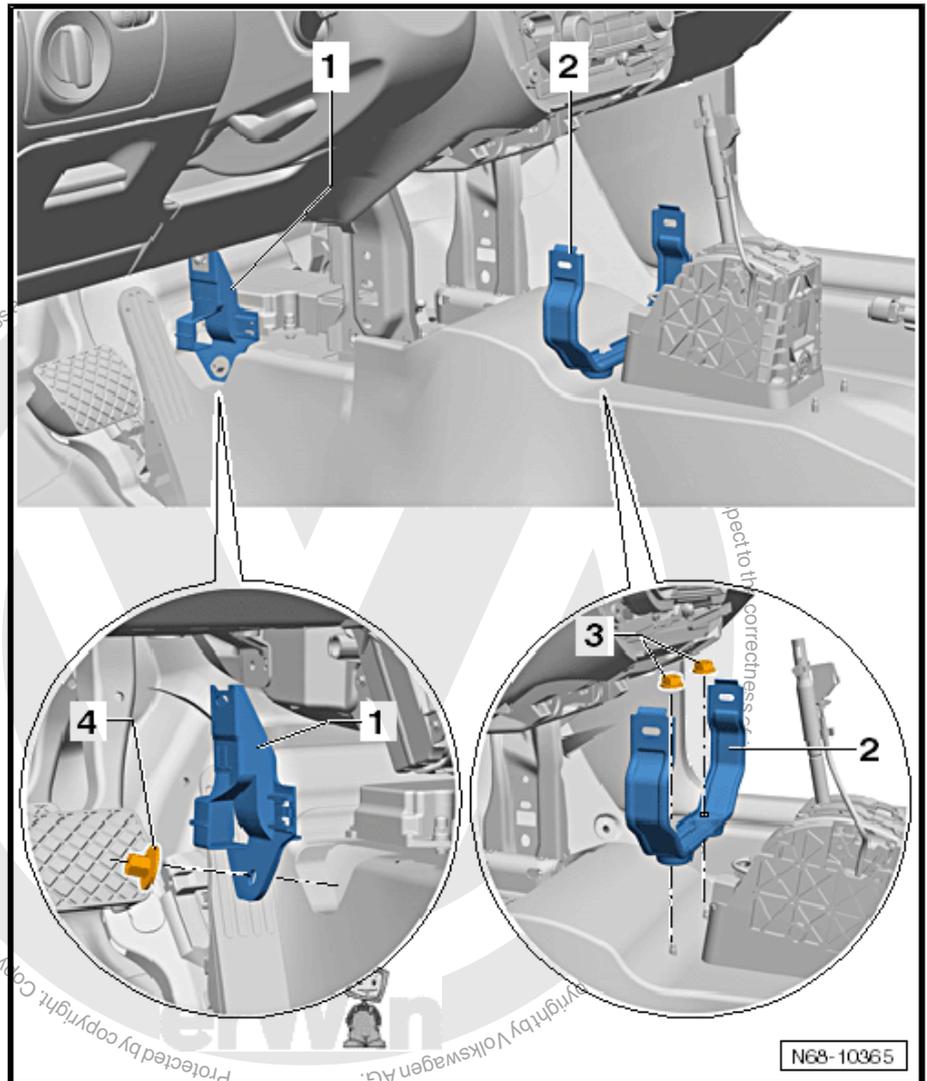


- Remove the two nuts -3- (8 Nm) and remove mounting bracket -2- for centre console.
- Remove nuts -4- (2.5 Nm) and remove mounting bracket -1- for footwell trim.



Note

Removal of mounting bracket for right footwell trim is identical.



2.7.3 Installing

- In each case, install in reverse order of removal.

2.8 Removing and installing cup holder in centre console, Highline

- Switch off ignition.

2.8.1 Removing

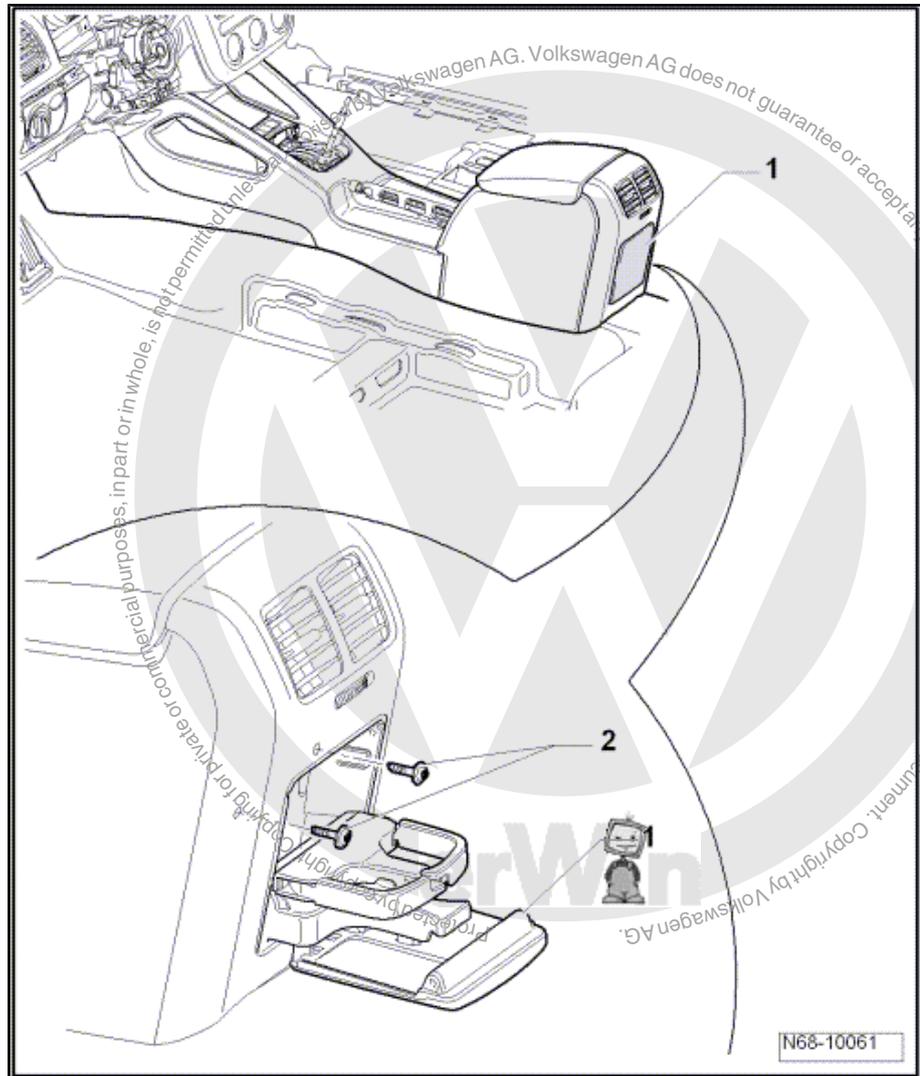
All vehicles

- Open cup holder -1- and remove the two bolts -2- (1.5 Nm).
- Pull cup holder out of centre console.



Note

When installing, close cup holder and insert cup holder bottom first into centre console. Then open cup holder and install the two bolts -2-.



2.8.2 Installing

- Install in reverse order of removal.

2.9 Repairing cup holder in centre console, Highline

A loose cup holder or one that is falling apart does not necessarily have to be replaced. It could possibly be repaired.

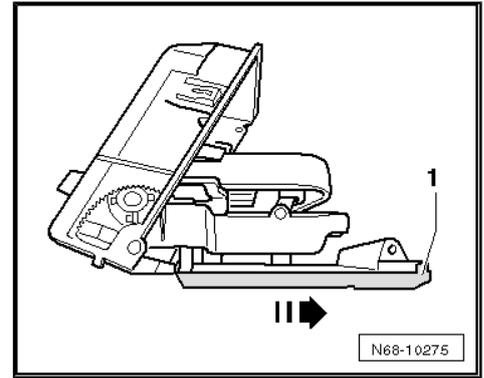
2.9.1 Checking for possible repair

Part renewal should only be carried out if repair is impossible, because e.g. components are severely deformed, broken, broken off or otherwise damaged and the flawless function of the cup holder is therefore no longer guaranteed.

- Remove cup holder in centre console, Highline ⇒ [page 43](#) .



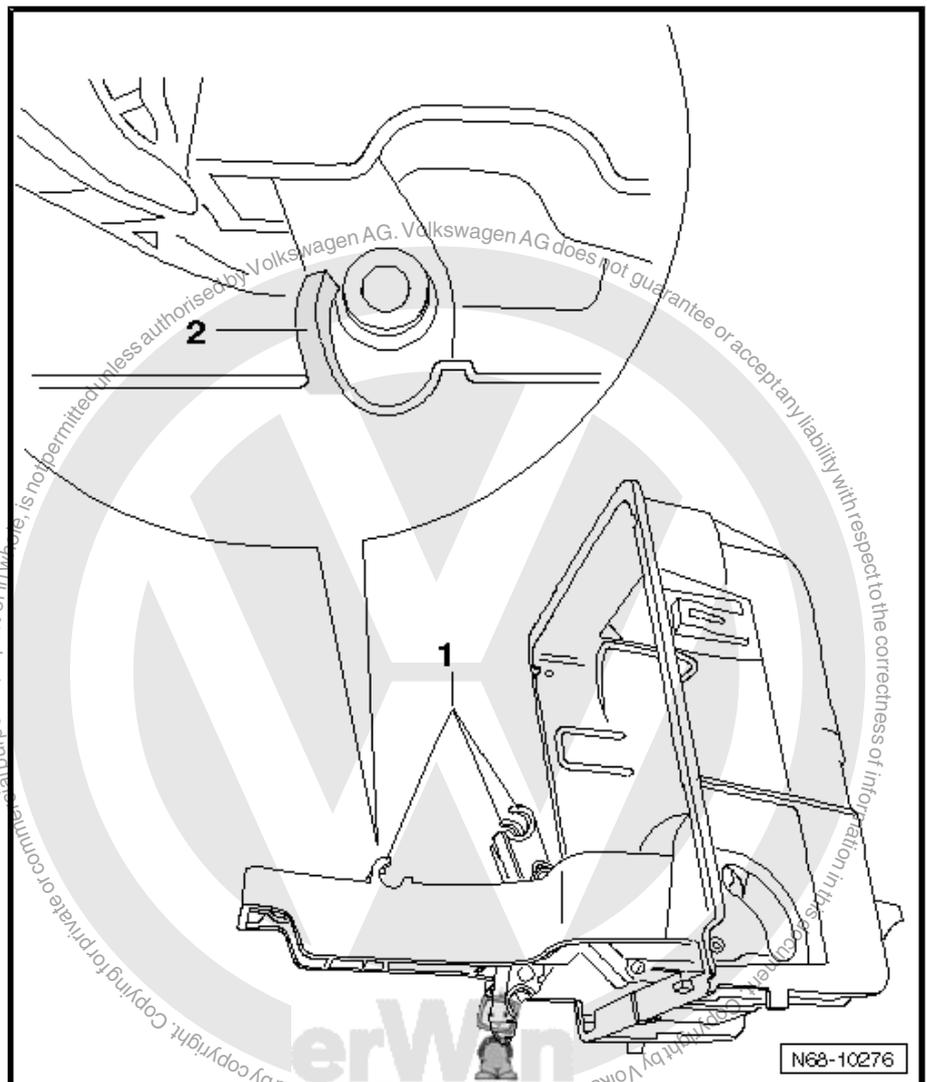
- Loosen cover -1- from cup holder -arrow-.



- Check all four attachments -1- of cup holder for damage.
- If an attachment -2- is severely deformed, the cup holder must be renewed.

i Note

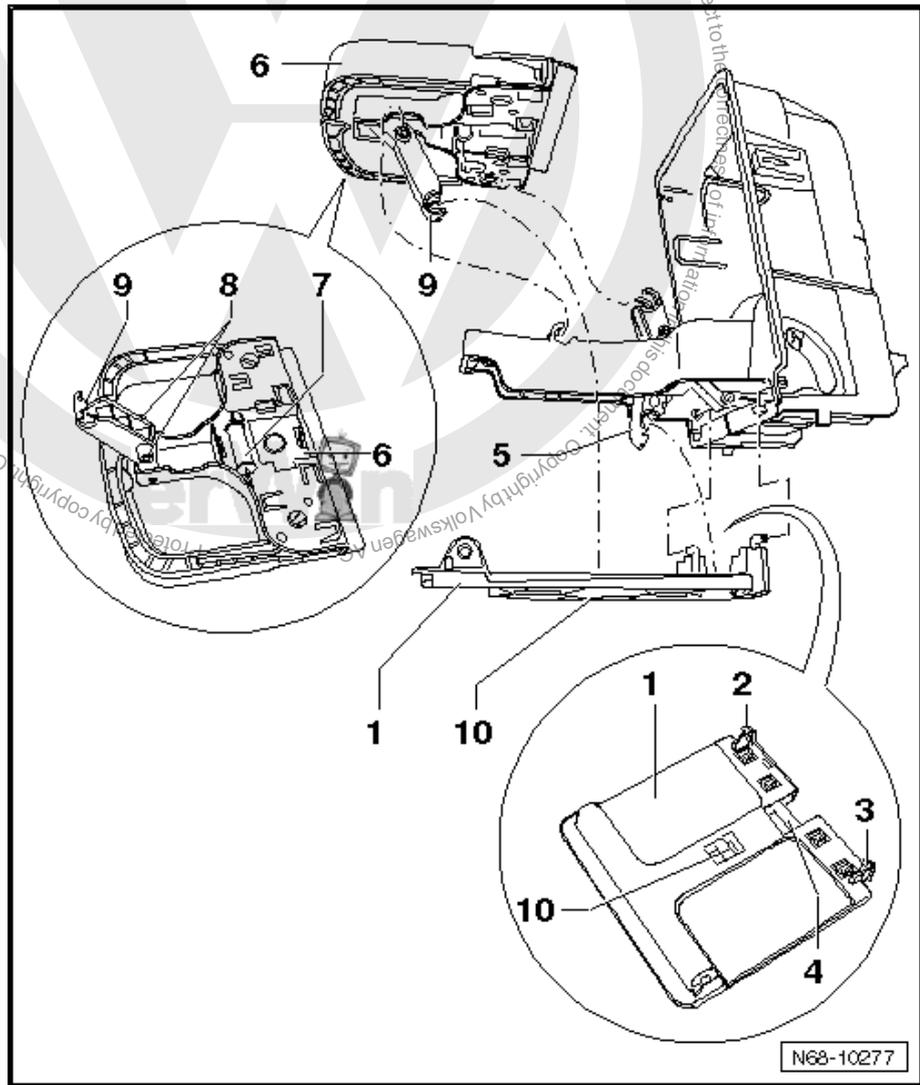
The cup holder must also be renewed if other components are damaged which normally ensure that the cup holder can function as designed.



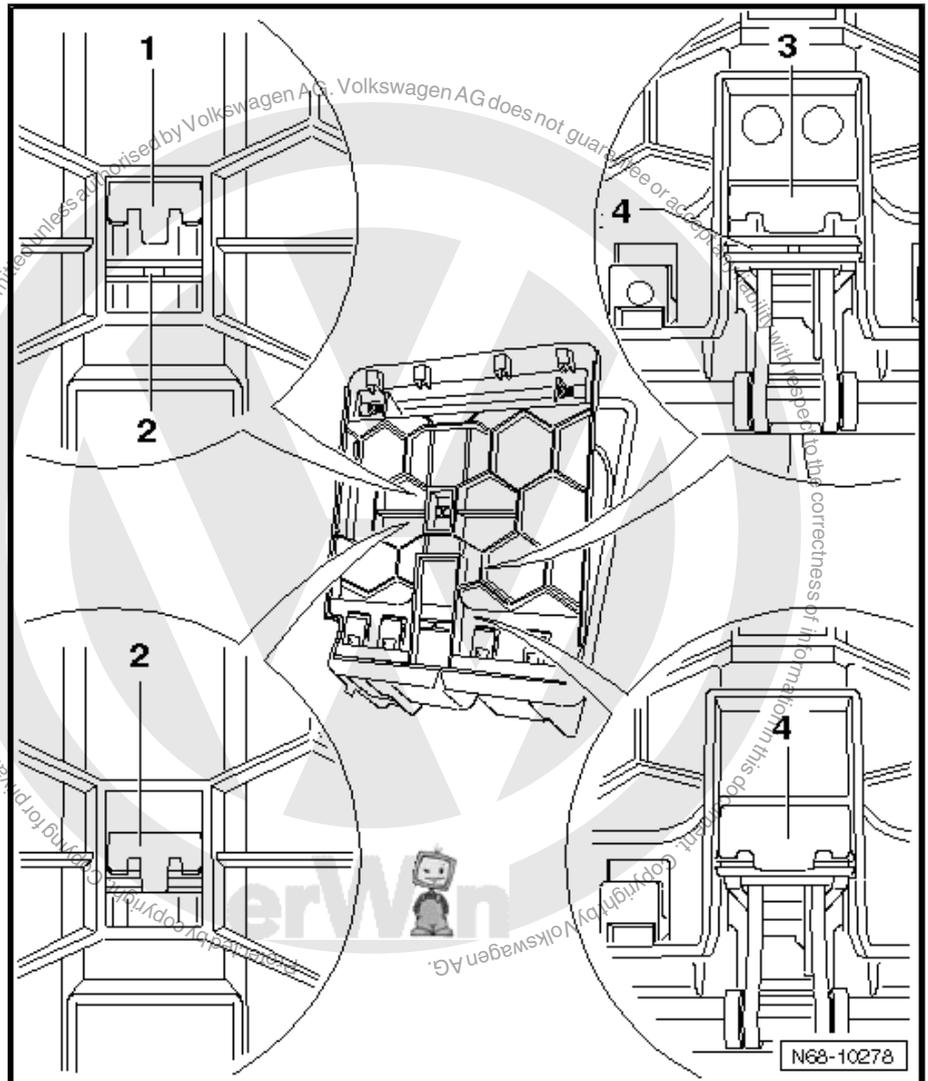


2.9.2 Repairing cup holder

- Place lower cover -1- over outer mounting pins -2- and -3- in cup holder.
- Position mounting pin -4- in front of mounting -5-.
- Place upper part -6- over pin -7- and mounting pins -8- in cup holder.
- The mounting -9- is placed in front of pin -10-.



- Close cup holder; mountings -1- and -3- engage with corresponding pins -2- and -4-.
- Open cup holder and insert cover.



2.9.3 Installing cup holder

- Installation is carried out in reverse order of removal.

2.10 Removing and installing storage compartment / ashtray unit (Golf 2004 ▶)

2.10.1 Removing

- Switch off ignition.

Vehicles with automatic gearbox

- Release selector lever boot from cover ⇒ Rep. Gr. 37 .

Vehicles with manual or direct shift gearbox

- Release selector lever boot from cover ⇒ Rep. Gr. 34 .

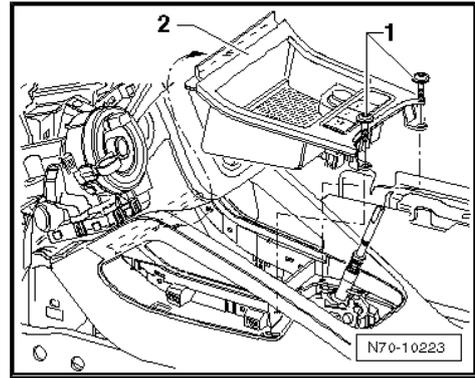


- Remove the two bolts -1- (1.5 Nm).
- Release storage compartments -2- from centre console and disconnect wiring harness (dependent on vehicle equipment).



Note

An ashtray may be installed instead of a storage compartment, but the removal is identical.



2.10.2 Installing

- Install in reverse order of removal.

2.11 Removing and installing storage compartment / ashtray unit (Golf 2009 ▶)

2.11.1 Removing

- Switch off ignition.

Vehicles with automatic gearbox

- Loosen gear lever boot from cover ⇒ Rep. Gr. 37

Vehicles with manual or direct shift gearbox

- Loosen gear lever boot from cover ⇒ Rep. Gr. 34

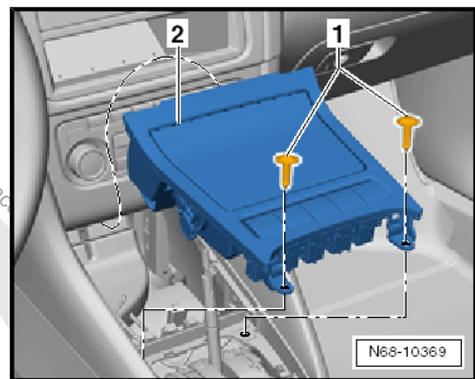
All vehicles

- Remove the two bolts -1- (1.5 Nm).
- Release ashtray unit -2- from centre console and disconnect wiring harness (dependent on vehicle equipment).



Note

A storage compartment may be installed instead of an ashtray, but removal is identical.



2.11.2 Installing

- Install in reverse order of removal.

2.12 Removing and installing dash panel centre vents (vehicles with no Climatronic) (Golf 2004 ▶)



Note

For greater clarity, the components in the following illustrations are shown removed.



2.12.1 Removing

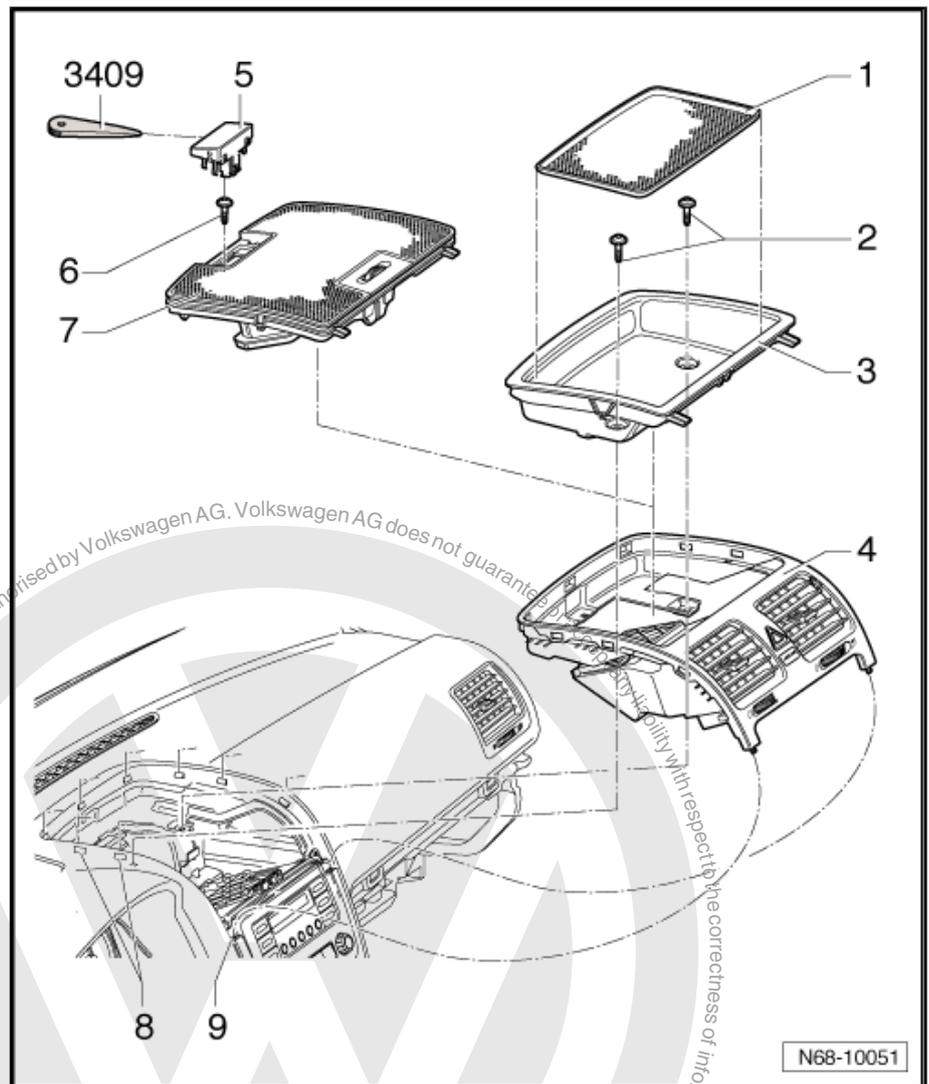
- Remove lining mat -1- from storage compartment.
- Remove the two bolts -2- (1.5 Nm).
- Remove storage compartment -3- from vent -4-.

Vehicles with Climatronic

The positions -5-, -6-, -7-, -8- and -9- are exclusively for vehicles with Climatronic.

Remove dash panel centre vents (vehicles with Climatronic)

⇒ [page 50](#) .



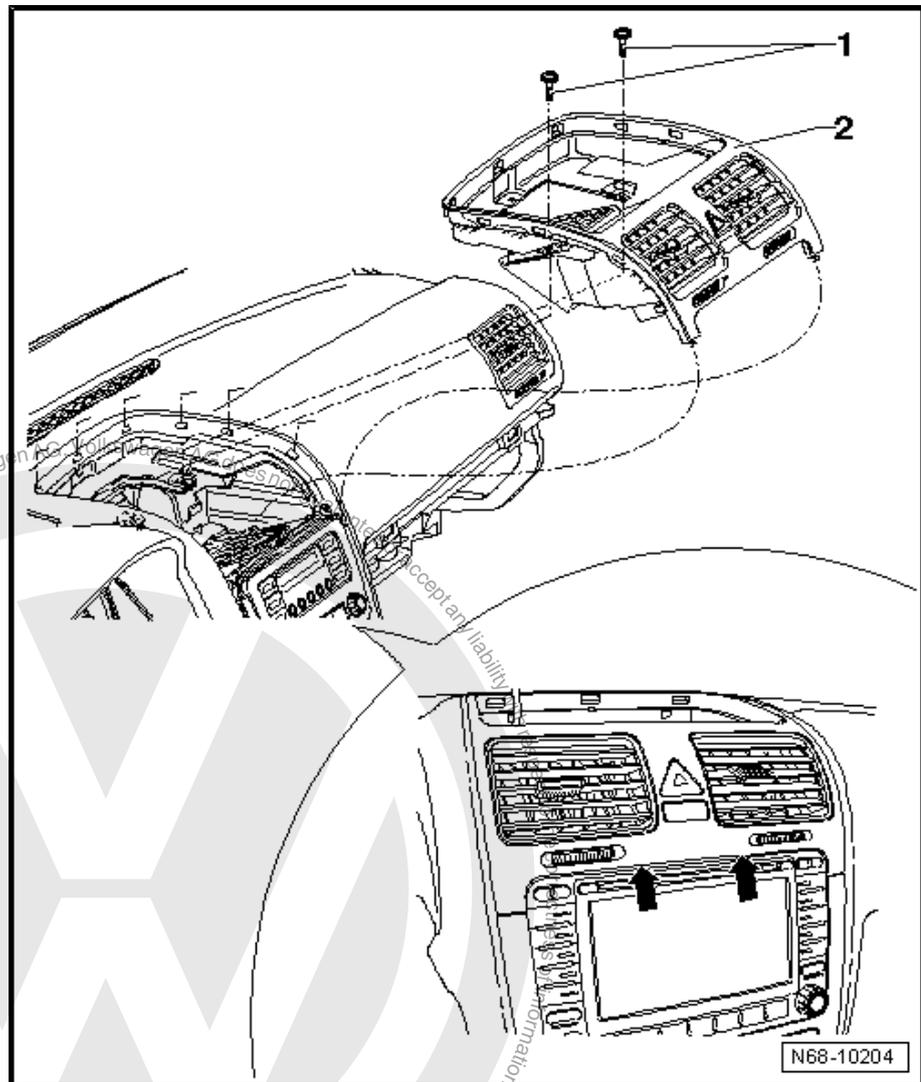
Note

Vehicles with no Climatronic, two templates -1- have already been removed at this point.

- Insert two wedges -3409- into lower joint of vent -arrows- and press vent upwards out of mounting in dash panel.



- Operate the respective locking devices and separate the wiring harnesses for hazard warning lights switch and front passenger airbag warning lamp.



2.12.2 Installing

- Install in reverse order of removal.

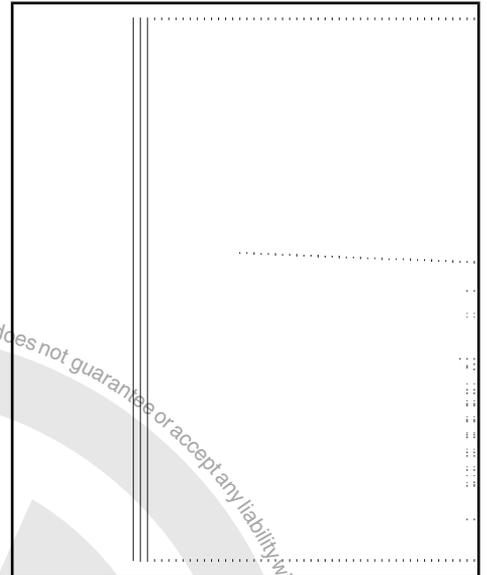
2.13 Removing and installing dash panel centre vents (vehicles with Climatronic) (Golf 2004 ▶)

2.13.1 Removing

- Switch off ignition.



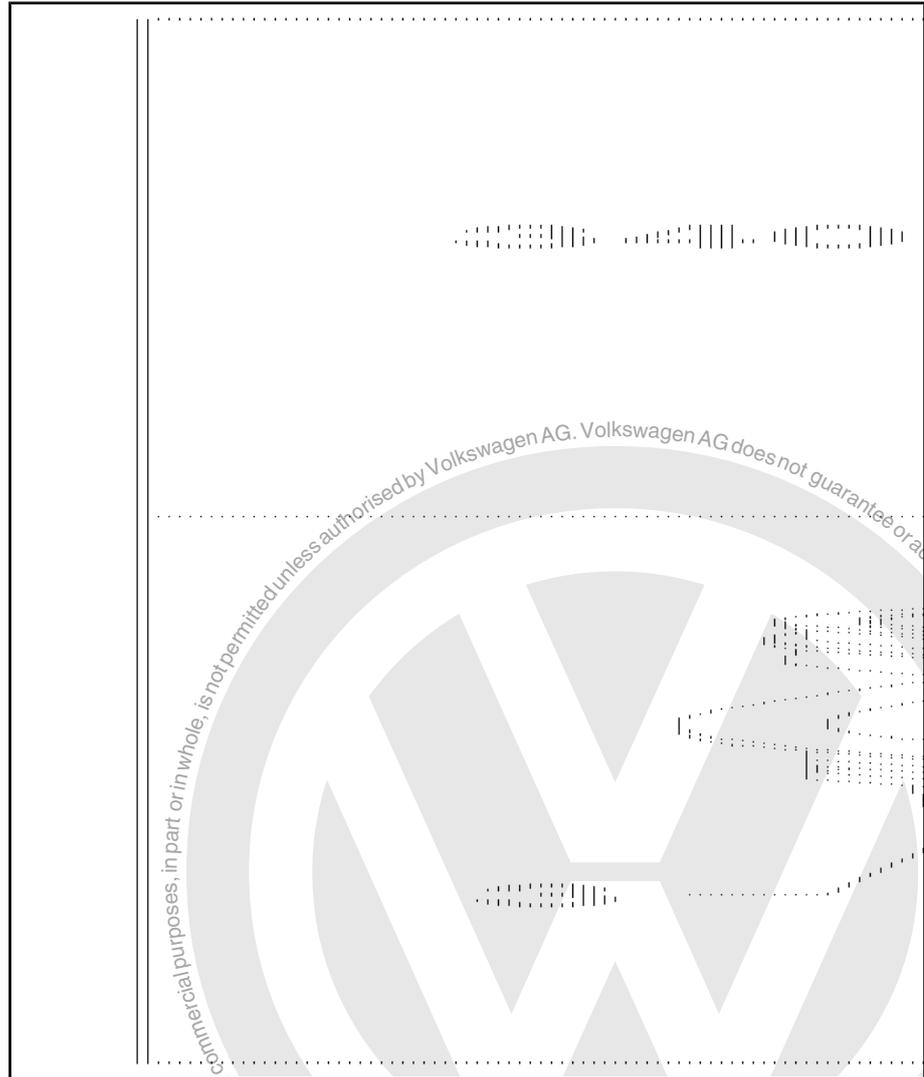
- Using wedge -3409- , lever sun light sensor -1- out of mounting in indirect ventilation system -2-.
- Disconnect wiring harness from photo sensor.
- Remove bolt -3- (1.5 Nm).



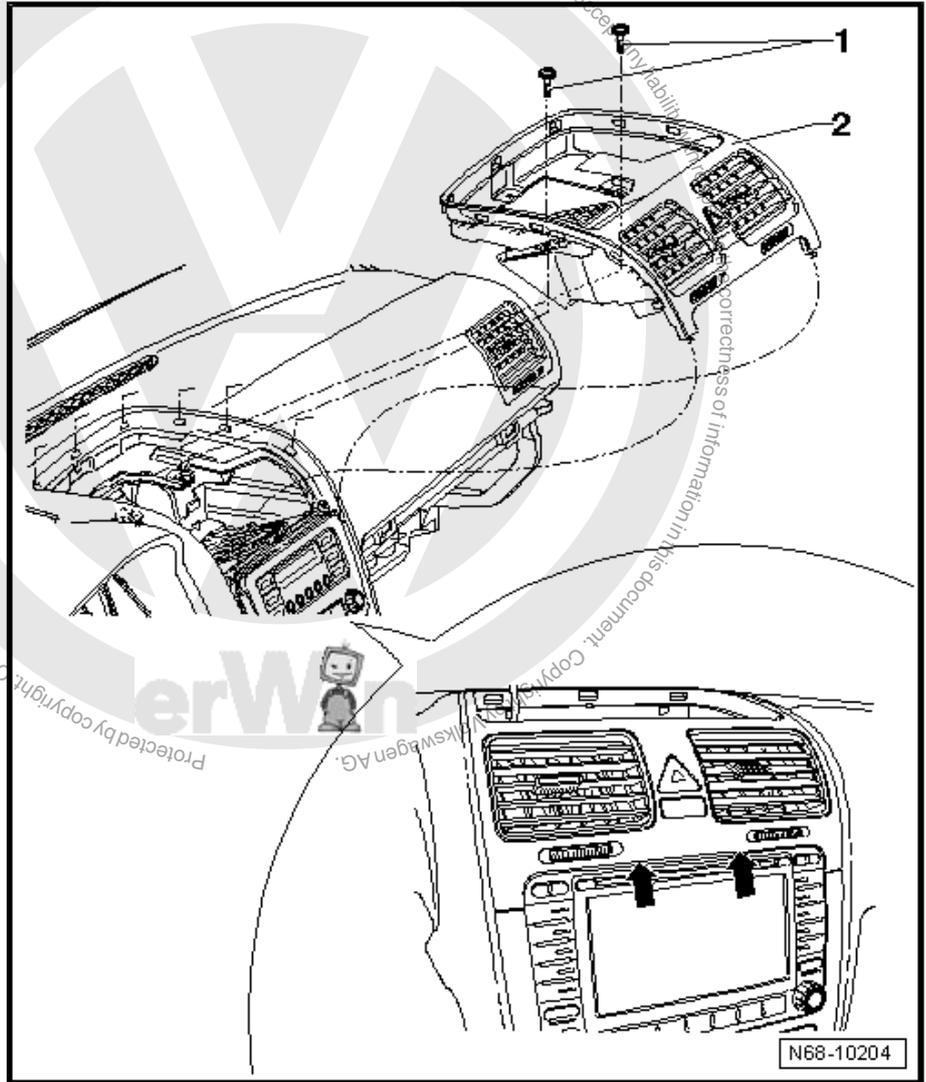
Note

For greater clarity, the components in the following illustrations are shown removed.

- Insert two wedges -3409- , as shown, into joint between indirect ventilation system -1- and vent -2-.
- Using wedge -3409- press metal clips -3- and -4- to rear and pull indirect ventilation upwards and out of mountings in vent -arrow-.



- Remove the two bolts -1- (1.5 Nm).
- Release vent -2- in forward area from mountings.
- Insert two wedges -3409- into lower joint of vent -arrows- and press vent upwards out of mounting in dash panel.
- Operate the respective locking devices and separate the wiring harnesses for hazard warning lights switch and front passenger airbag warning lamp.



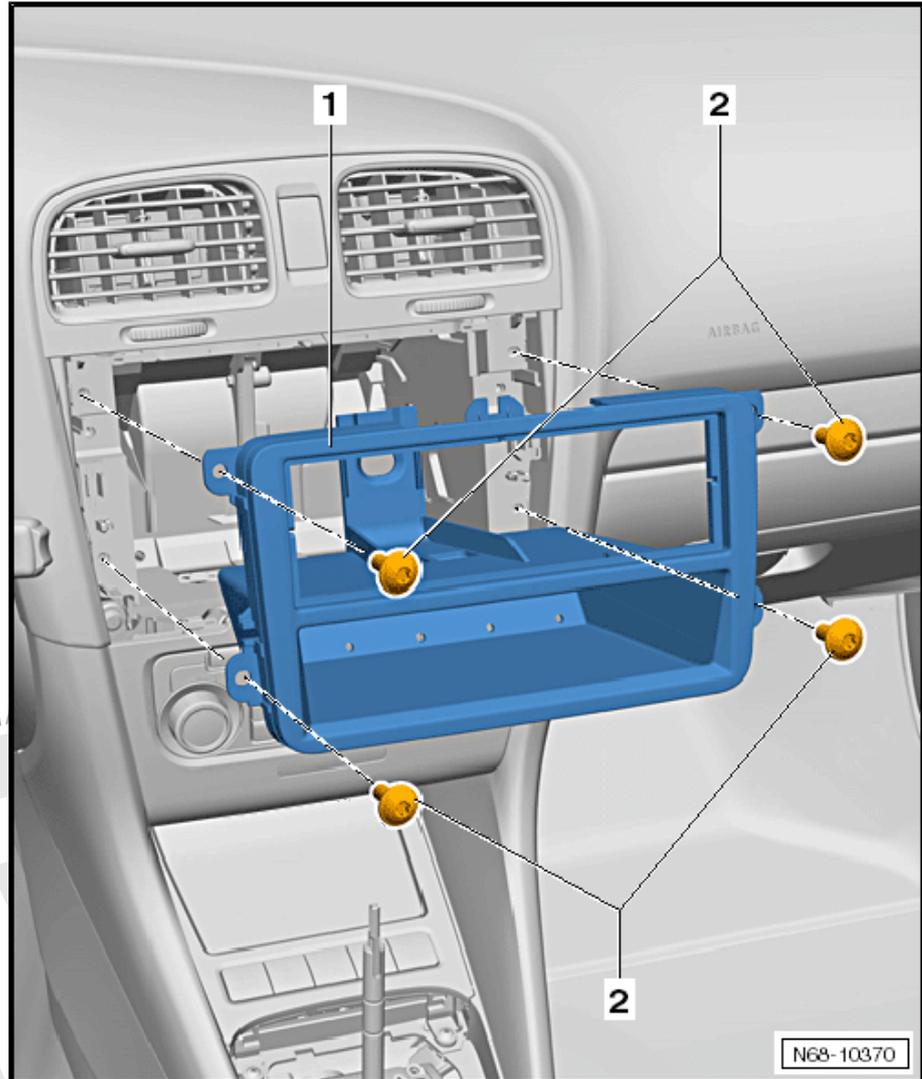
2.13.2 Installing

- Install in reverse order of removal.

2.14 Removing and installing centre compartment in dash panel (Golf 2009 ▶)

2.14.1 Removing

- Switch off ignition.
- Remove dash panel central trim (Golf 2009 ▶) ⇒ [page 59](#) .
- If fitted, remove radio ⇒ Communication; Rep. Gr. 91 ; Removing and installing radio and radio navigation system .
- Remove the four bolts -2- (1.5 Nm).
- Pull storage compartment -1- out of dash panel.



2.14.2 Installing

Install in reverse order of removal.

2.15 Removing and installing spectacles holder in moulded headliner

Removing



Note

- ◆ For reasons of clarity, spectacles holder is shown removed.
- ◆ To remove spectacles holder, 4 locking tabs must be unlocked simultaneously.

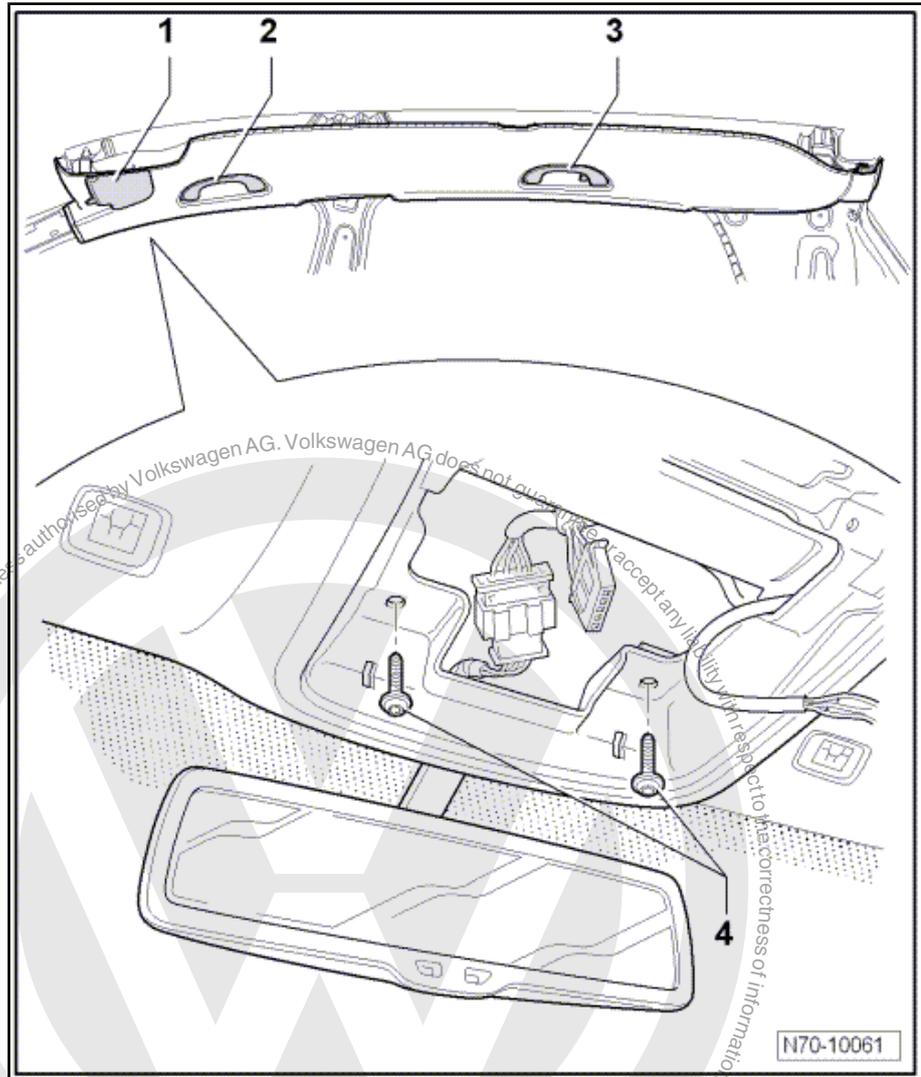
- Open spectacles holder.

Two slots -arrows- are located on top side of spectacles holder.

- In the left slot, unlock locking tabs -1- and -2-.
- In the right slot, unlock locking tabs -3- and -4-.
- Remove spectacles holder from console in moulded headliner.



- In installation area of spectacles holder, remove 2 more bolts (2 Nm) and remove frame from mountings.



Installing

- Install in reverse order of removal.

2.17 Removing and installing dash panel centre vent (Golf 2009 ▶)

2.17.1 Removing

- Switch off ignition.
- Remove dash panel central trim (Golf 2009 ▶) ⇒ [page 59](#)

Vehicles with storage compartment in centre of dash panel

- If fitted, remove radio ⇒ Communication; Rep. Gr. 91 ; Removing and installing radio and radio navigation system .
- Remove storage compartment in centre of dash panel (Golf 2009 ▶) ⇒ [page 53](#)

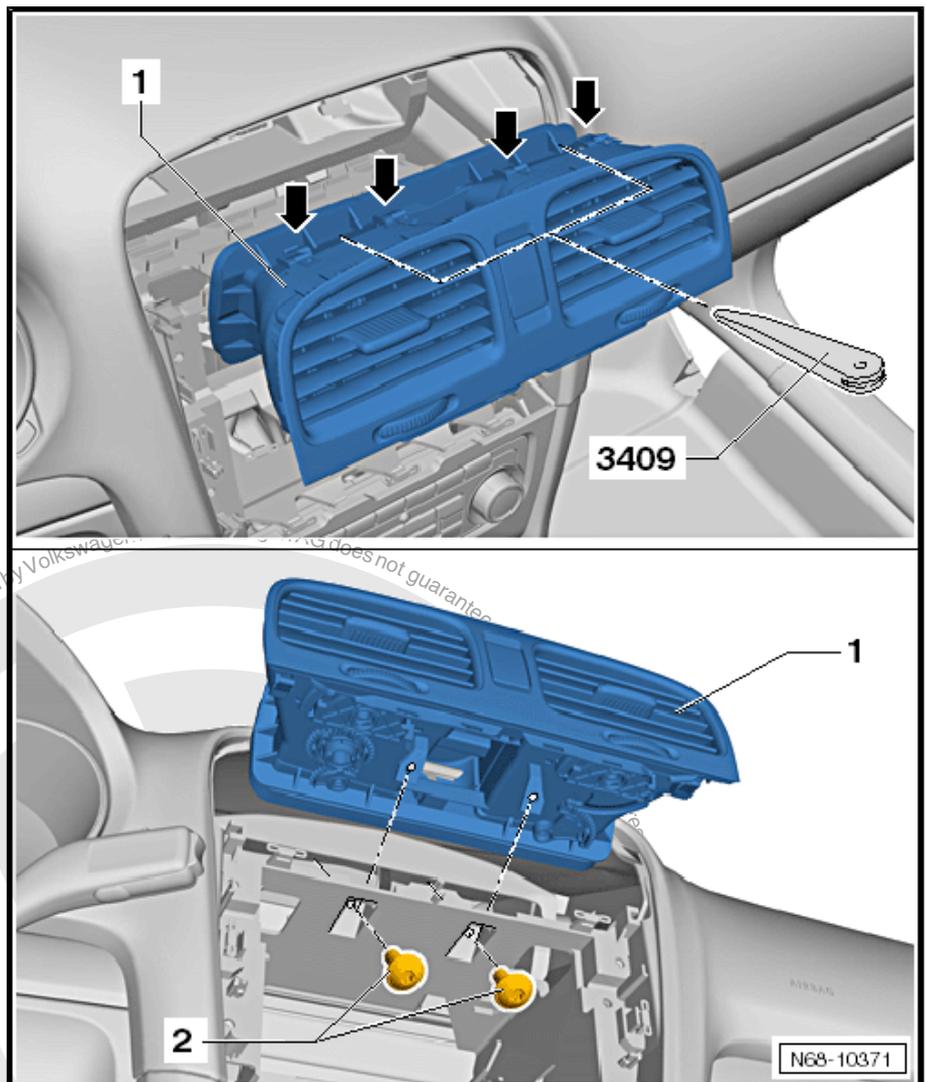


Vehicles with radio navigation system

- Remove radio navigation system ⇒ Communication; Rep. Gr. 91 ; Removing and installing radio and radio navigation system .

All vehicles

- Remove the two bolts -2- (1.5 Nm).
- Using removal wedge -3409- , release the four clips -arrows- and pull out centre vent -1- in dash panel.
- Disconnect wiring to hazard warning light switch -E3- and remove dash panel centre vent.



2.17.2 Installing

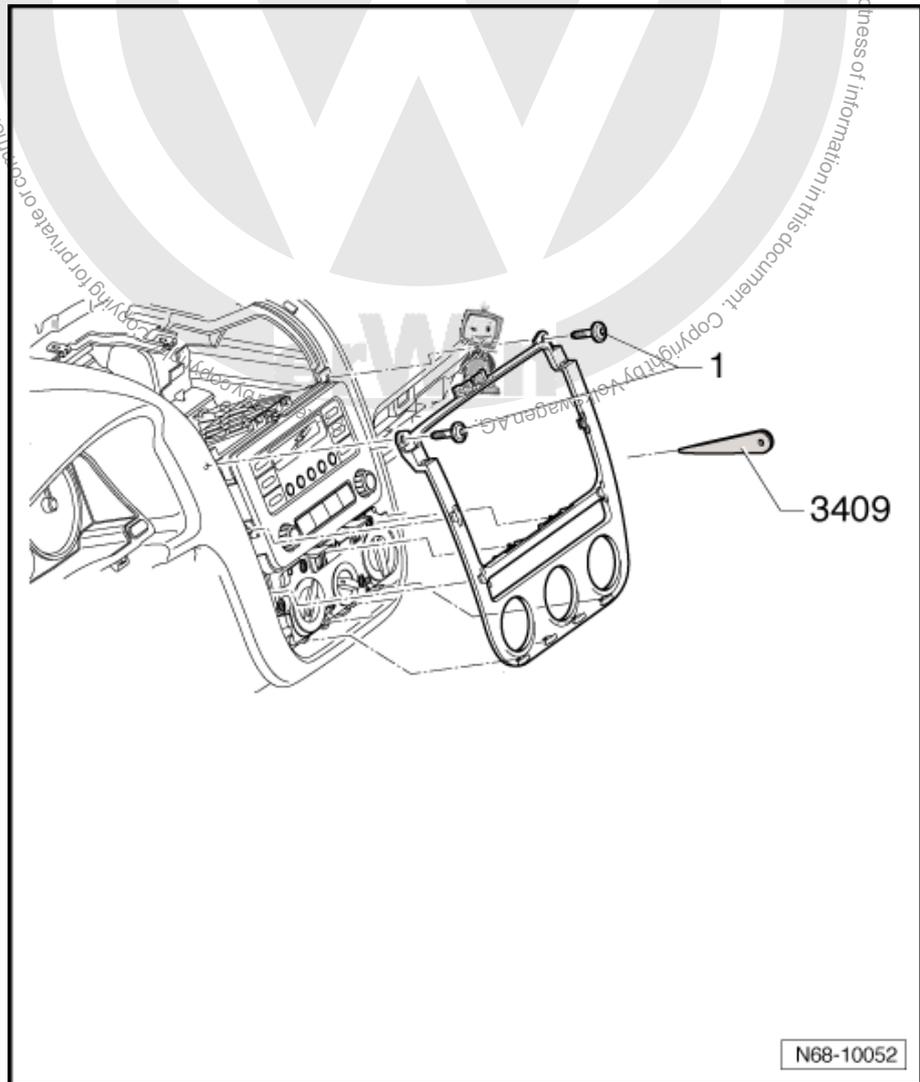
- Install in reverse order of removal.



2.18 Removing and installing dash panel centre trim (Golf 2004 ▶)

2.18.1 Removing

- Remove dash panel centre vent.
- ◆ Vehicles with no Climatronic (Golf 2004 ▶) ⇒ [page 48](#)
- ◆ Vehicles with Climatronic (Golf 2004 ▶) ⇒ [page 50](#)
- Remove the two bolts -1- (1.5 Nm).
- Using removal wedge -3409- , prise trim out of fasteners in dash panel (insert wedge close to fastener).



2.18.2 Installing

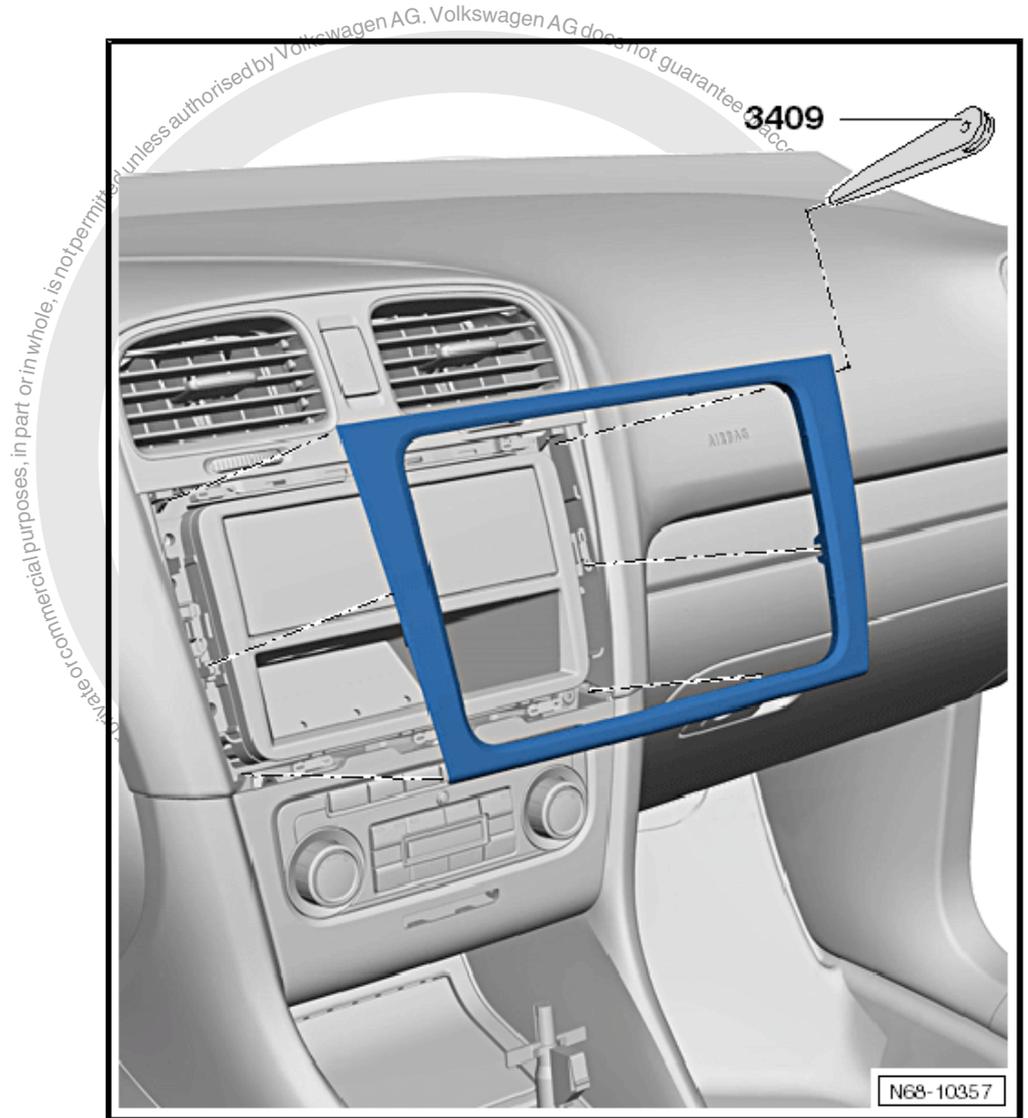
- Install in reverse order of removal.



2.19 Removing and installing dash panel centre trim (Golf 2009 ▶)

2.19.1 Removing

- Using removal wedge -3409-, prise dash panel centre trim out of fasteners in dash panel (insert wedge close to fastener).



2.19.2 Installing

- Install in reverse order of removal.

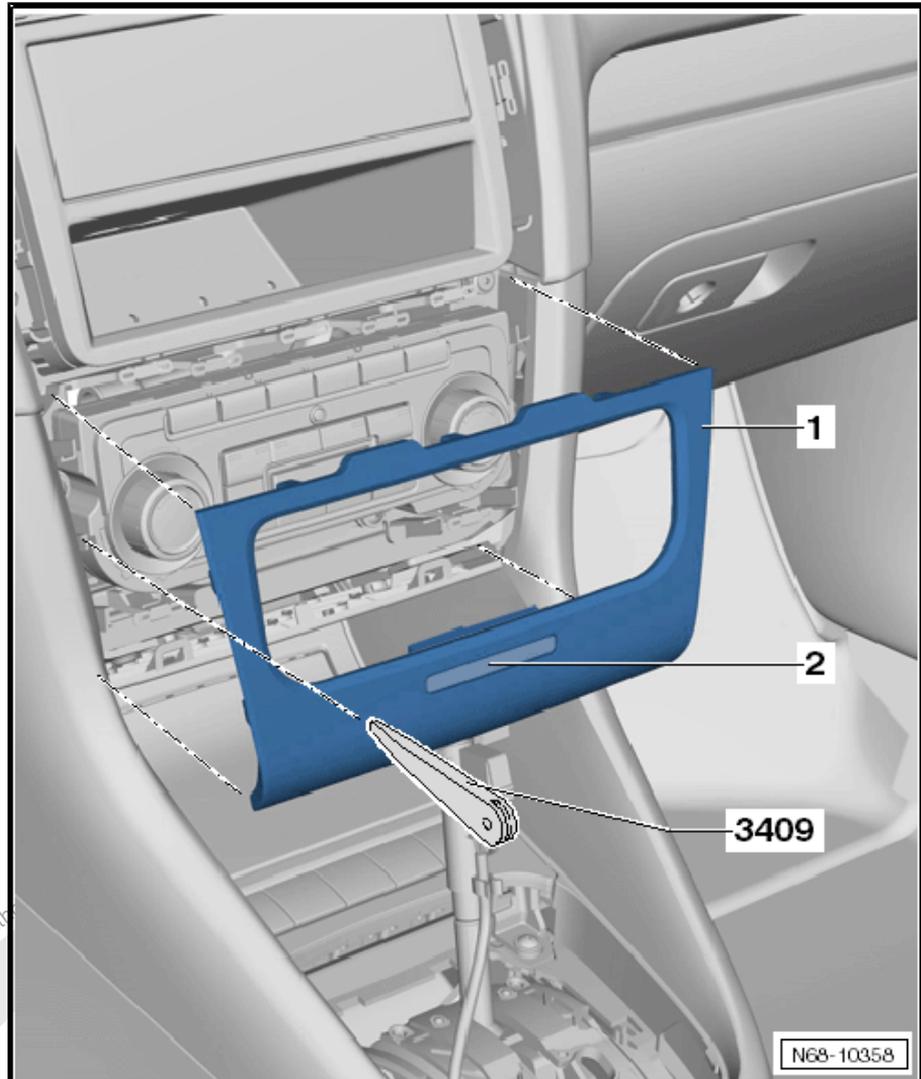
2.20 Removing and installing air conditioner controls unit / heater controls unit (Golf 2009 ▶)

2.20.1 Removing

- Remove dash panel central trim (Golf 2009 ▶) ⇒ [page 59](#)



- Using removal wedge -3409- , prise trim -1- out of fasteners in dash panel (insert wedge close to fastener).
- Disconnect wiring harness to front passenger side airbag deactivated warning lamp -K145- -2- and remove trim.



2.20.2 Installing

- Install in reverse order of removal.

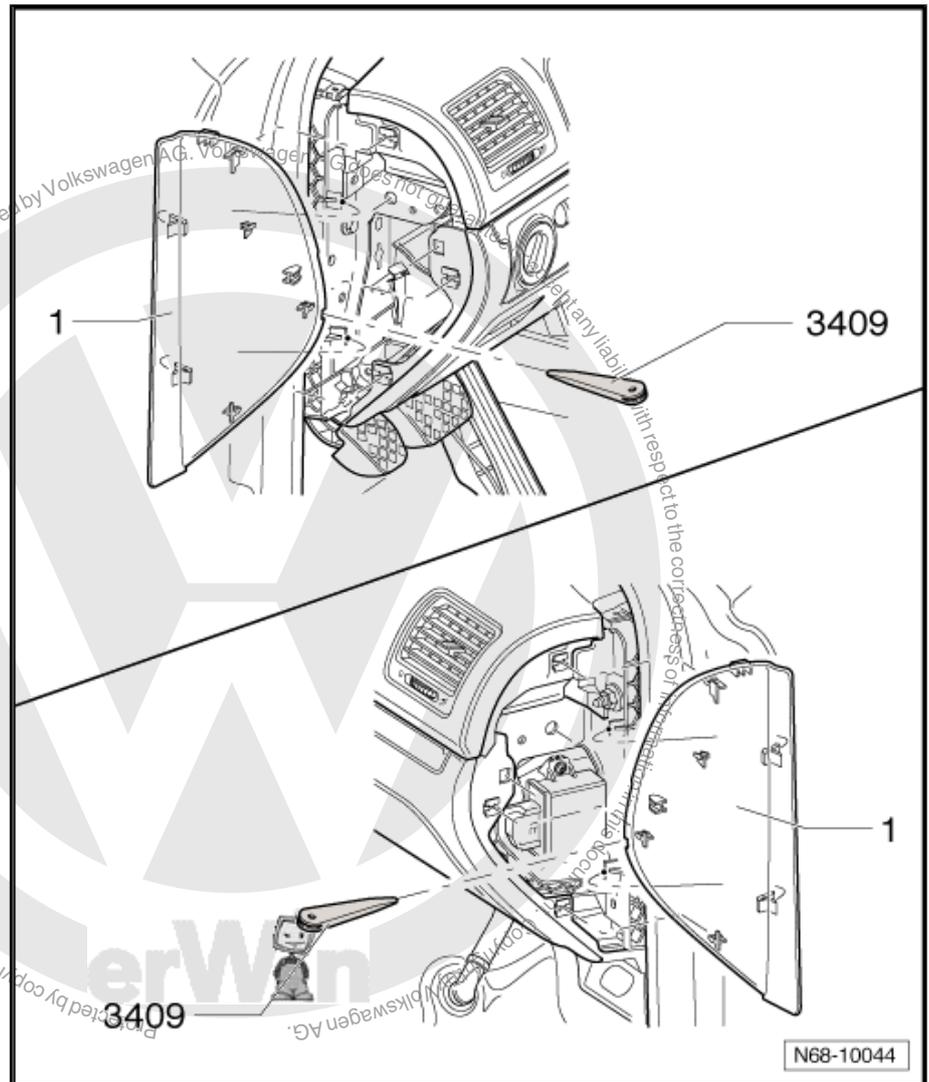
2.21 Removing and installing dash panel end trims

2.21.1 Removing

- Lever right dash panel end trim -1- out of fasteners using removal wedge -3409- .



- Lever left dash panel end trim -2- out of fasteners using removal wedge -3409- .



2.21.2 Installing

- Install in reverse order of removal.

2.22 Removing and installing steering column trim

2.22.1 Removing



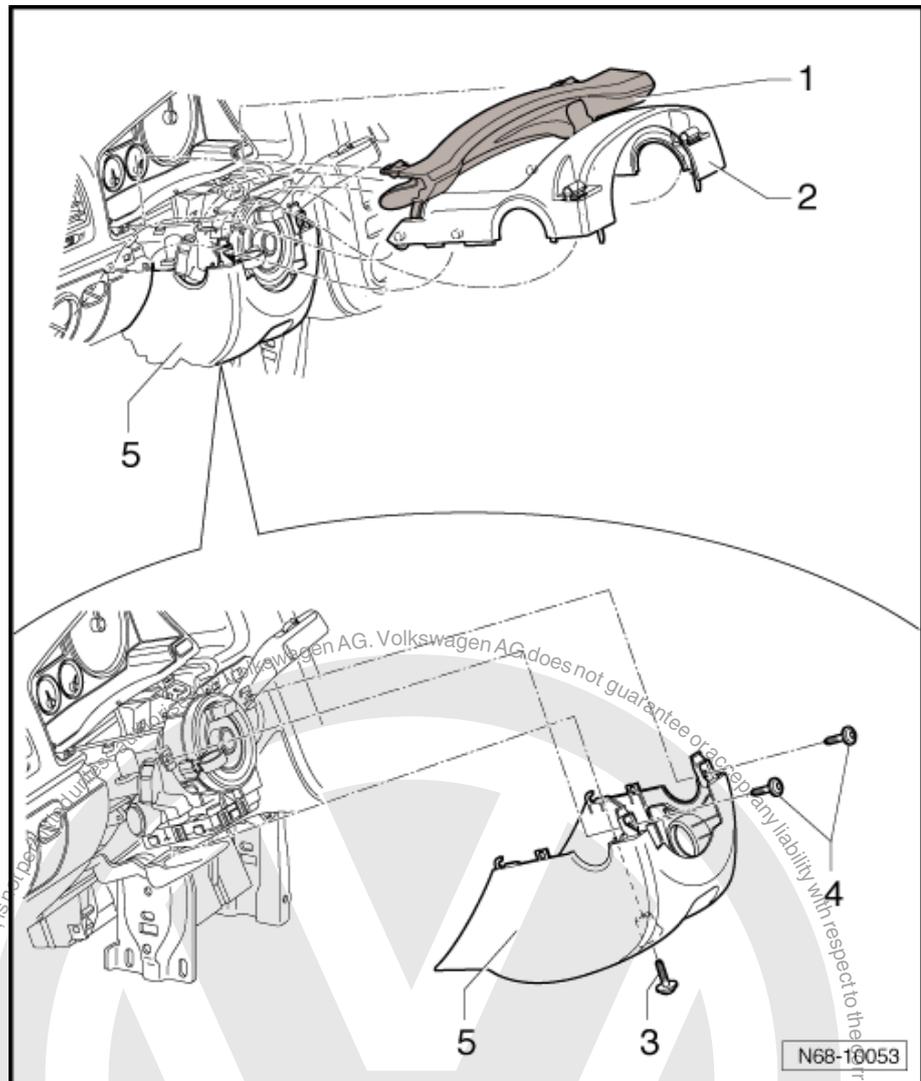
Note

For greater clarity the steering wheel is not shown in figure, there is no requirement to remove the steering wheel.

- Detach gap cover -1- and upper steering column trim -2- from mountings.
- Remove bolt -3- (1.5 Nm).



- Remove the two bolts -4- (1.5 Nm).
- Detach lower steering column trim -5- from mountings.



2.22.2 Installing

- Install in reverse order of removal.

2.23 Removing and installing left trim panel on driver side

2.23.1 Removing



Note

For greater clarity the steering wheel is not shown in figure, there is no requirement to remove the steering wheel.

- Switch off ignition.
- Remove dash panel end trim on driver side ⇒ [page 60](#) .



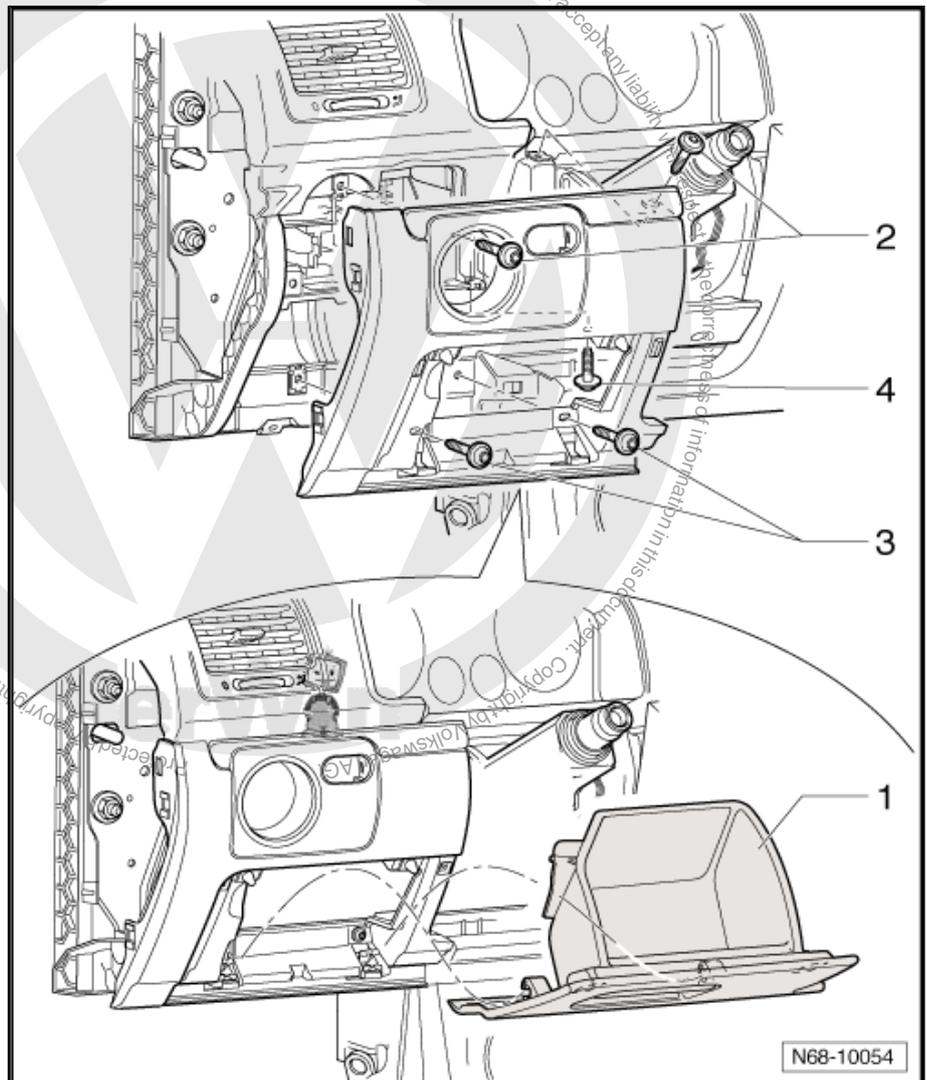
- Press light switch forwards, turn it to the right (until it is vertical), then pull it out and disconnect the wiring harness.
- Detach steering column gap cover from dash panel => [page 61](#) . There is no need to remove the complete steering column trim.

Golf 2009 >

- Remove dash panel insert => Electrical system; Rep. Gr. 90 ; Renewing dash panel insert . No need to disconnect wiring harness.

All vehicles

- Pull storage compartment -1- out of mountings.
- Remove the two bolts -2- (1.5 Nm).
- Remove the two bolts -3- (1.5 Nm).
- Remove bolt -4- (1.5 Nm).
- Release trim from dash panel and disconnect wiring harness from headlight range control regulator.





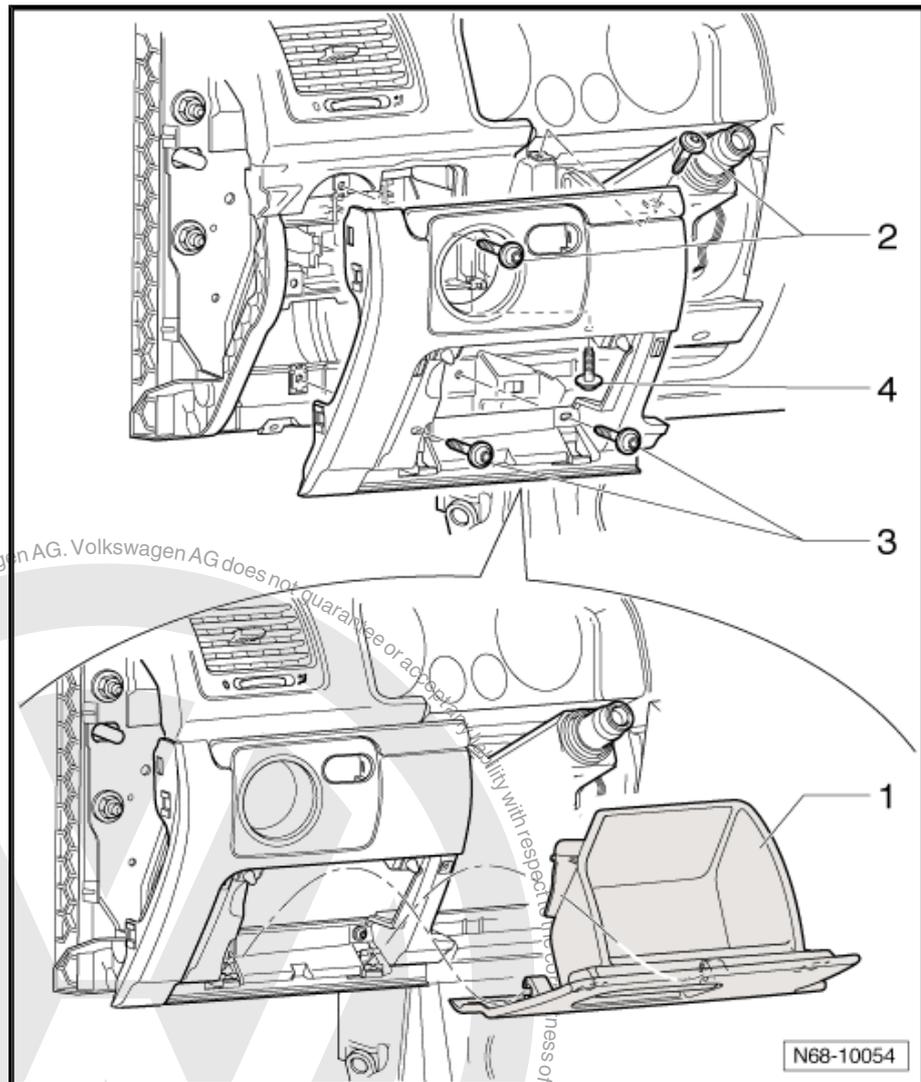
2.23.2 Installing

- Installation is carried out in reverse order of removal.



Note

During installation, bolts must be installed in the sequence -2-, -3- and -4- (1.5 Nm).



2.24 Removing and installing right trim panel on driver side

2.24.1 Removing

- Switch off ignition.
- Remove dash panel end trim on driver side ⇒ [page 60](#).
- Remove left trim on driver side ⇒ [page 62](#).

Golf 2004 ▶

- Remove centre cover (Golf 2004 ▶) ⇒ [page 68](#)



Golf 2009 ▶

- Remove dash panel central trim (Golf 2009 ▶) ⇒ [page 59](#)
- Remove air conditioner controls unit / heater controls unit trim (Golf 2009 ▶) ⇒ [page 59](#)
- Remove centre cover (Golf 2009 ▶) ⇒ [page 68](#)

Vehicles with automatic gearbox

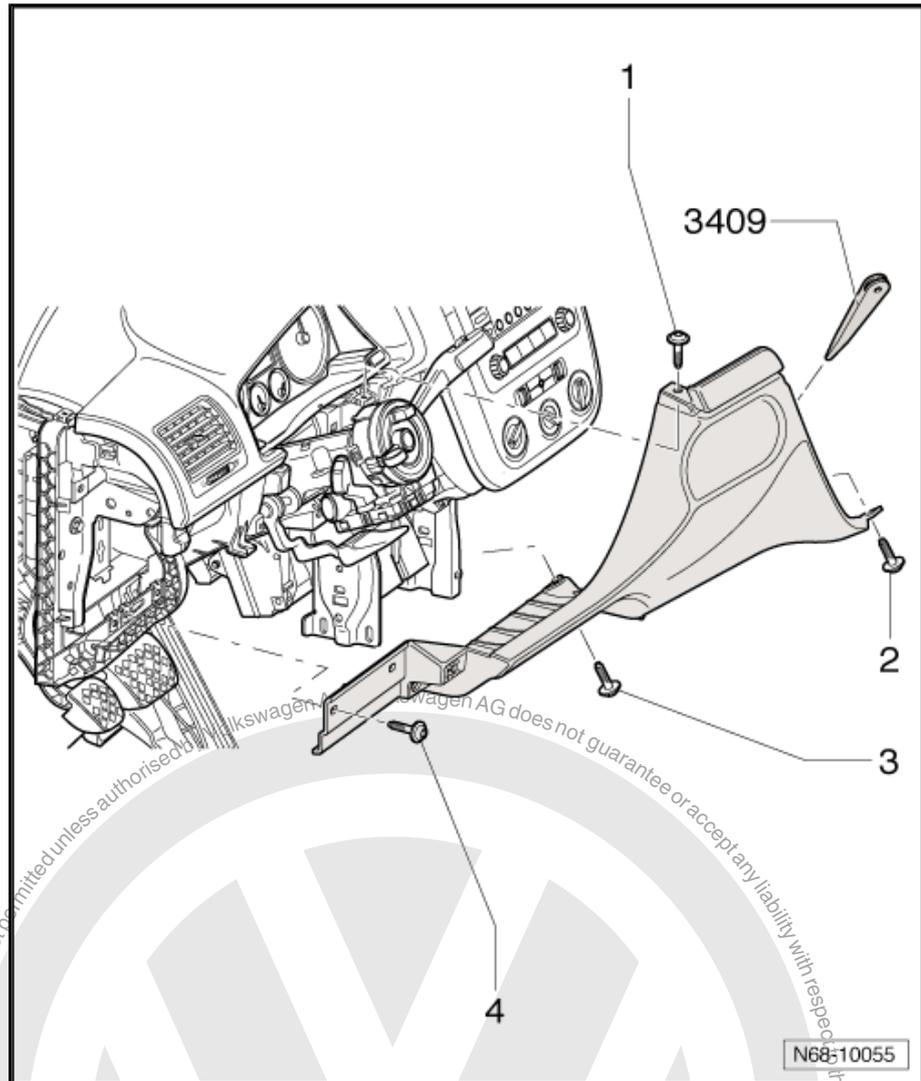
- Loosen gear lever boot from cover ⇒ Rep. Gr. 37 .

Vehicles with manual or direct shift gearbox

- Loosen gear lever boot from cover ⇒ Rep. Gr. 34 .
- Remove storage compartment or ashtray unit (Golf 2009 ▶) ⇒ [page 48](#)
- Remove centre console cover (no need to dismantle centre console completely):
 - ◆ Base version ⇒ [page 10](#)
 - ◆ Highline version ⇒ [page 24](#)

All vehicles

- Remove bolts -1-, -2-, -3- and -4- (1.5 Nm).
- Using removal wedge -3409- , release trim from mountings.



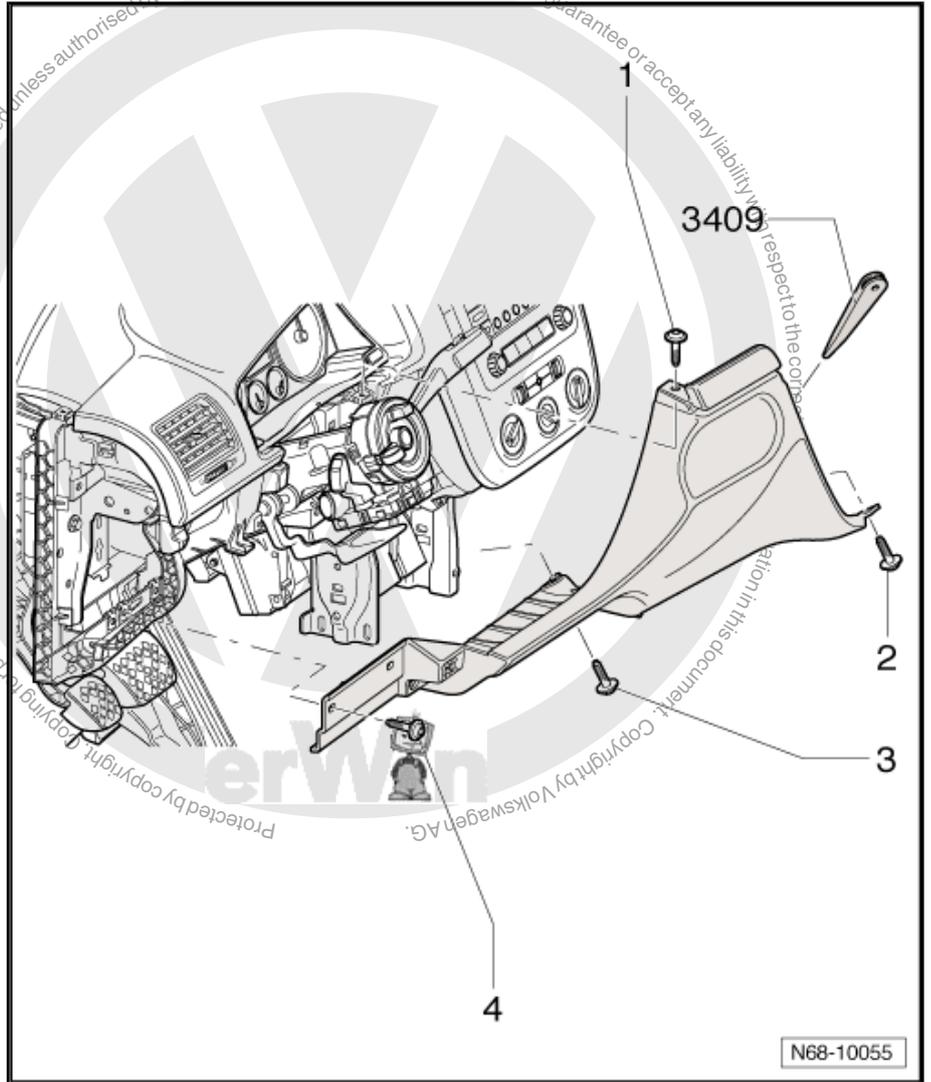
2.24.2 Installing

- Installation is carried out in reverse order of removal.



Note

During installation, bolts must be installed in the sequence -1-, -2-, -3- and -4- (1.5 Nm).

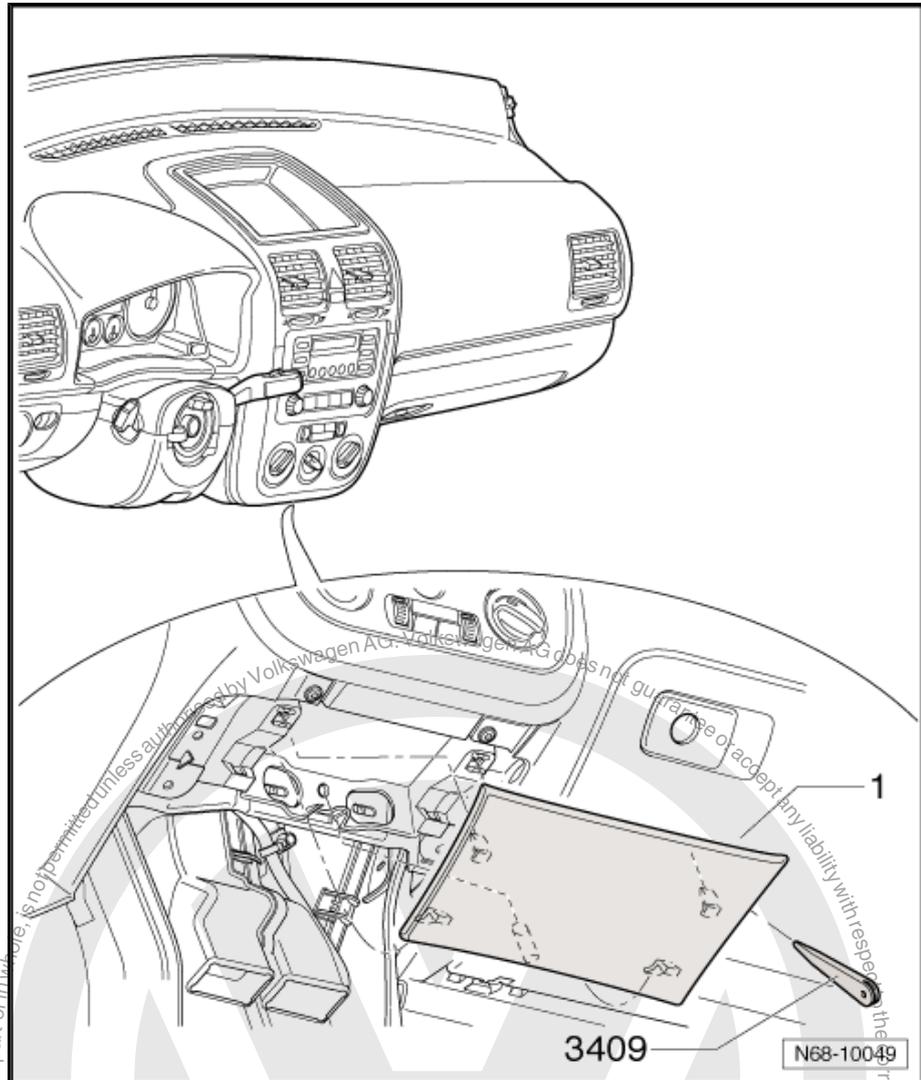




2.25 Removing and installing centre cover (Golf 2004 ▶)

2.25.1 Removing

- Lever cover -1- out of mounting using removal wedge -3409- .



2.25.2 Installing

- Install in reverse order of removal.

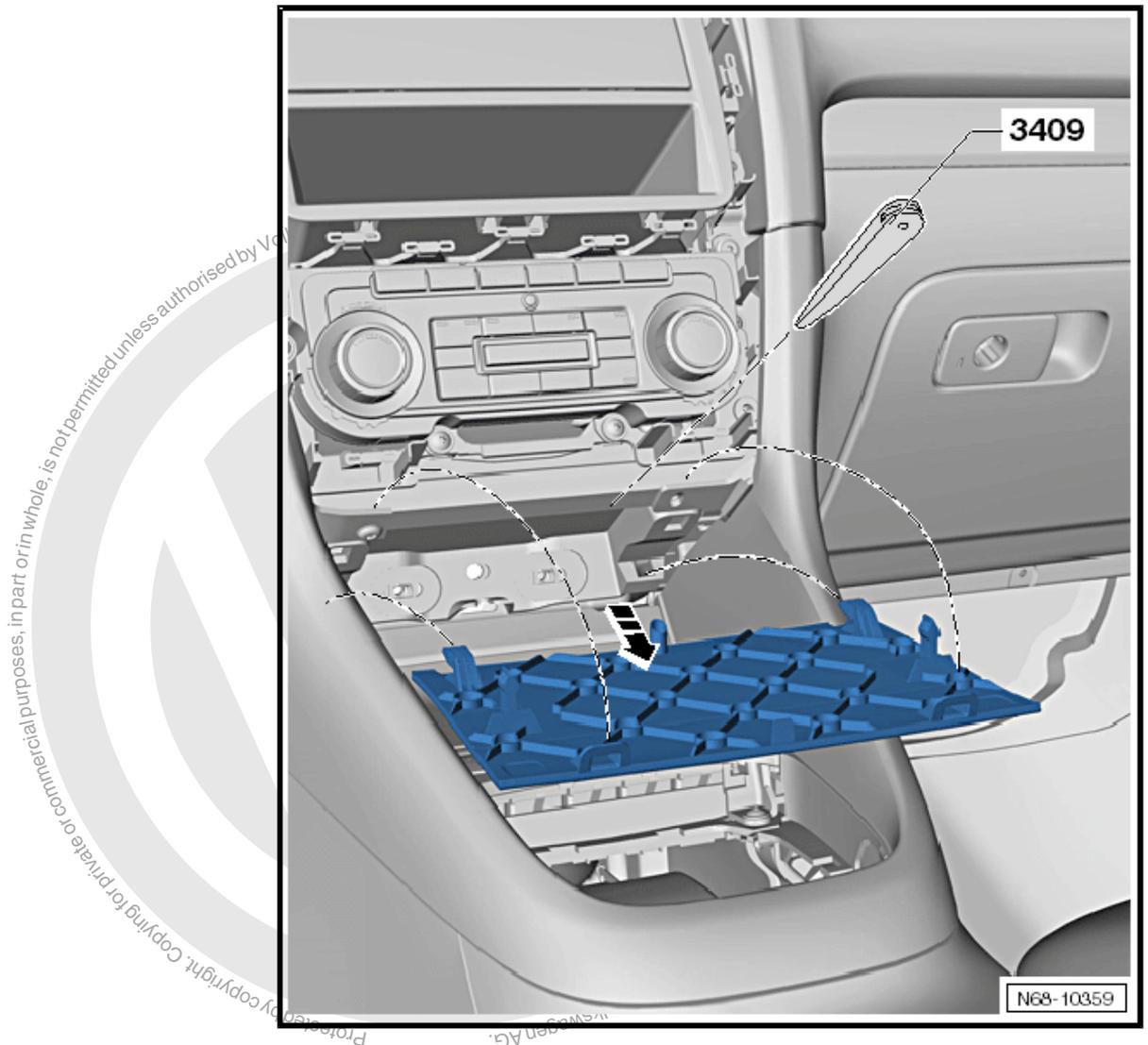
2.26 Removing and installing centre cover (Golf 2009 ▶)

2.26.1 Removing

- Remove dash panel central trim (Golf 2009 ▶) ⇒ [page 59](#)
- Remove air conditioner controls unit / heater controls unit trim (Golf 2009 ▶) ⇒ [page 59](#)



- Using removal wedge -3409- , prise trim out of rear fasteners in dash panel (insert wedge close to fastener).
- Pull trim out of front fasteners, in direction of -arrow-, in dash panel.



2.26.2 Installing

- Install in reverse order of removal.

2.27 Removing and installing glove compartment

2.27.1 Removing

- Switch off ignition.
- Remove dash panel end trim on front passenger side
⇒ [page 60](#) .
- Remove A-pillar middle trim on front passenger side
⇒ [page 224](#)
- Remove lower A-pillar trim on front passenger side
⇒ [page 227](#) .



Golf 2004 ▶

- Remove centre cover (Golf 2004 ▶) ⇒ [page 68](#)

Golf 2009 ▶

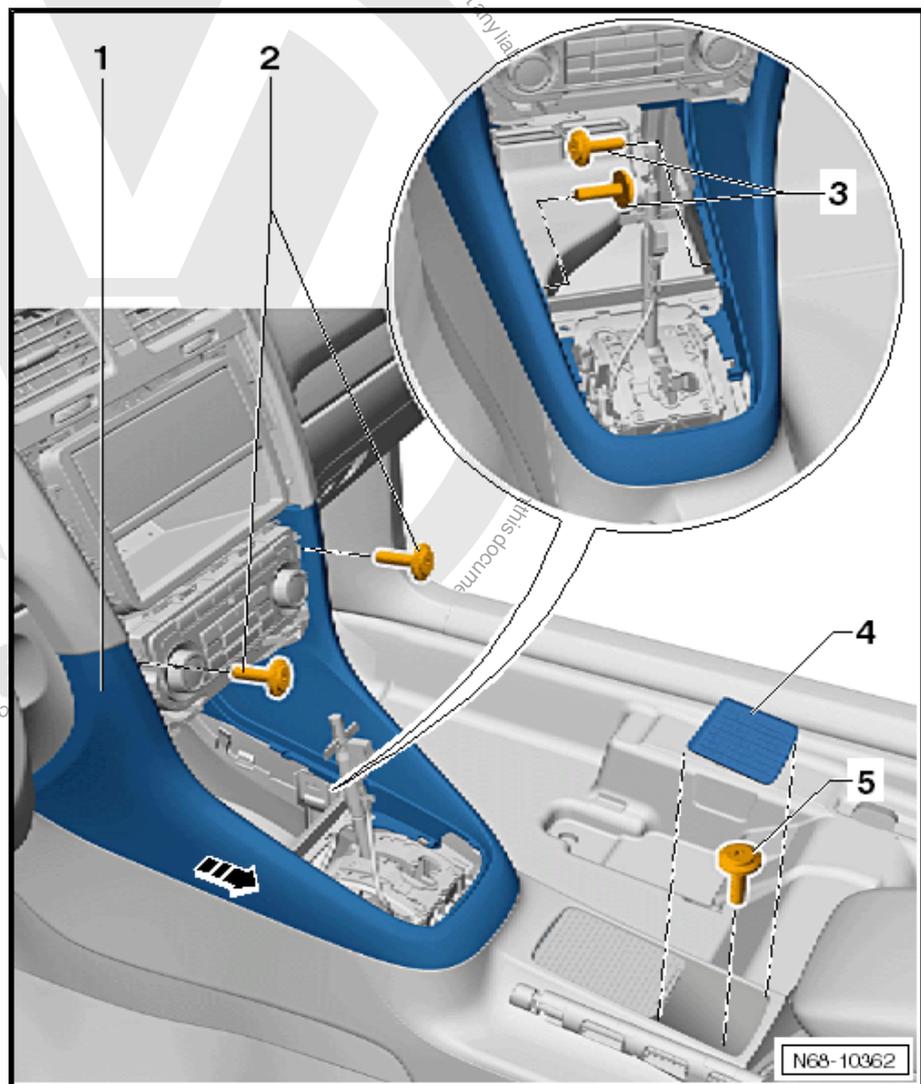
- Remove dash panel central trim ⇒ [page 59](#)
- Remove air conditioner controls unit / heater controls unit trim ⇒ [page 59](#) .
- Remove centre cover (Golf 2009 ▶) ⇒ [page 68](#)

Vehicles with automatic gearbox

- Loosen gear lever boot from cover ⇒ Rep. Gr. 37 .

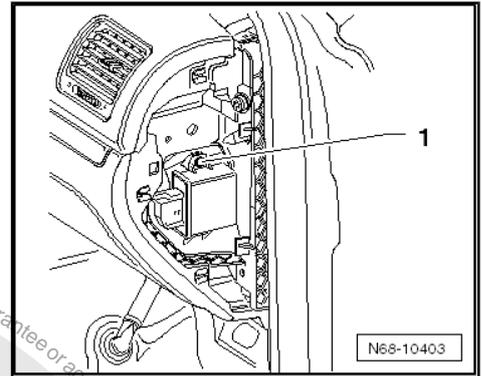
Vehicles with manual or direct shift gearbox

- Loosen gear lever boot from cover ⇒ Rep. Gr. 34 .
- Remove storage compartment or ashtray unit (Golf 2009 ▶) ⇒ [page 48](#)
- On Golf 2009 ▶, unscrew two bolts -2- (1.5 Nm).
- Pull centre console cover -1- out in direction of -arrow-.



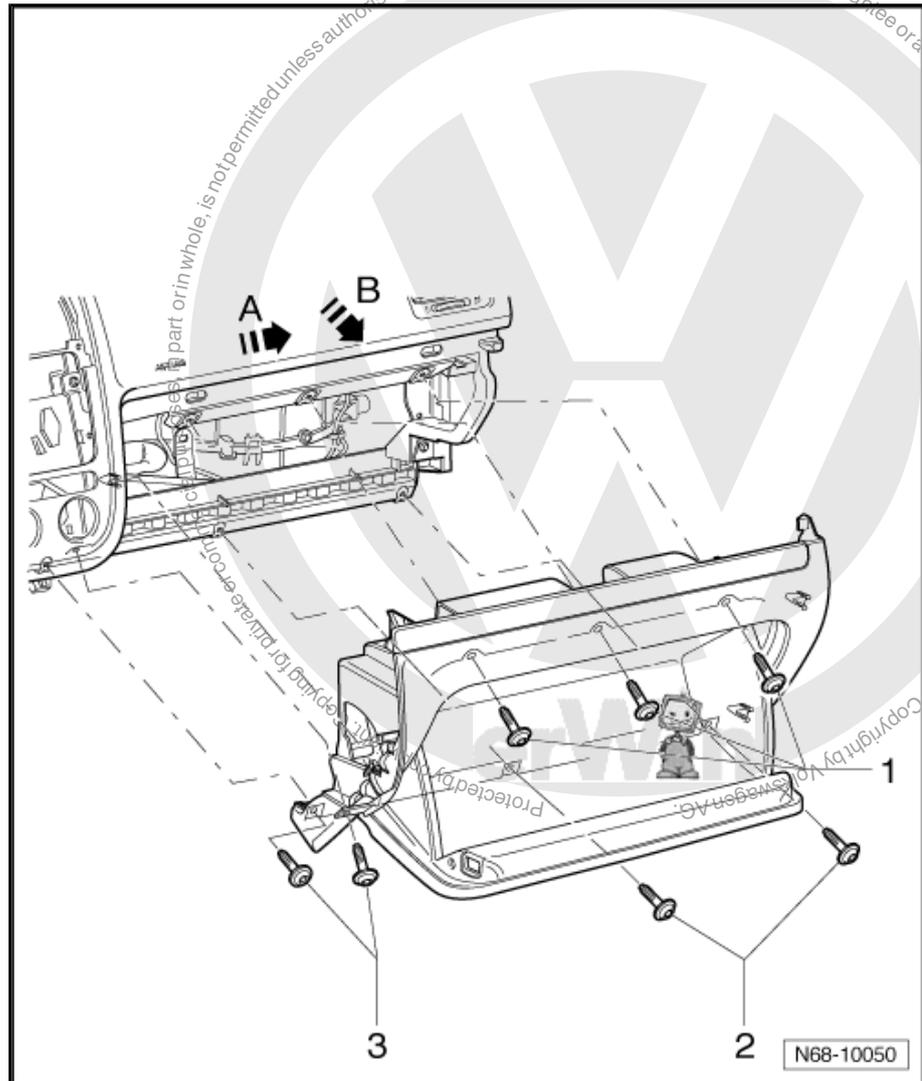


- On vehicles with control unit for headlight range control -J431- or control unit for cornering light and headlight range control -J745- , unscrew bolt -1- (1.5 Nm).



All vehicles

- Remove the seven bolts -1-, -2- and -3- (1.5 Nm).
- Slide glove compartment outwards onto limit stop -arrow A-.
- Detach glove compartment -arrow B- from dash panel.
- Disconnect wiring harness from light and contact switch.
- If vehicle is equipped with front passenger airbag disabling, disconnect wiring harness from key switch.
- If vehicle is equipped with glove compartment cooling, disconnect air conditioning duct from glove compartment.
- If vehicle is equipped with a footwell light, disconnect wiring harness from light.



2.27.2 Installing

- Install in reverse order of removal.

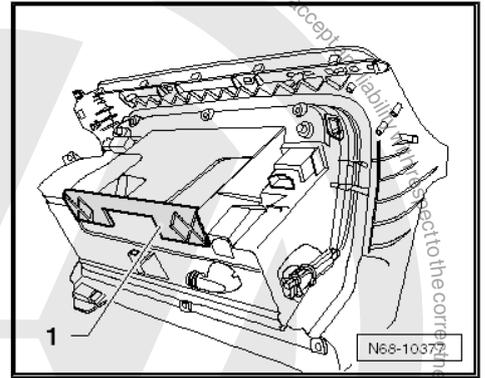
2.27.3 Retrofitting cover for storage compartment

The glove compartment for vehicle wallet is not suitable for storing small parts, due to its design. Small parts can be stored in the vehicle wallet compartment if the "cover for storage compartment" is retrofitted.

- Glove compartment removed.



- Insert "cover for glove compartment" -1- in rear section of vehicle wallet compartment.



2.28 Removing and installing glove compartment lock cylinder

2.28.1 Removing

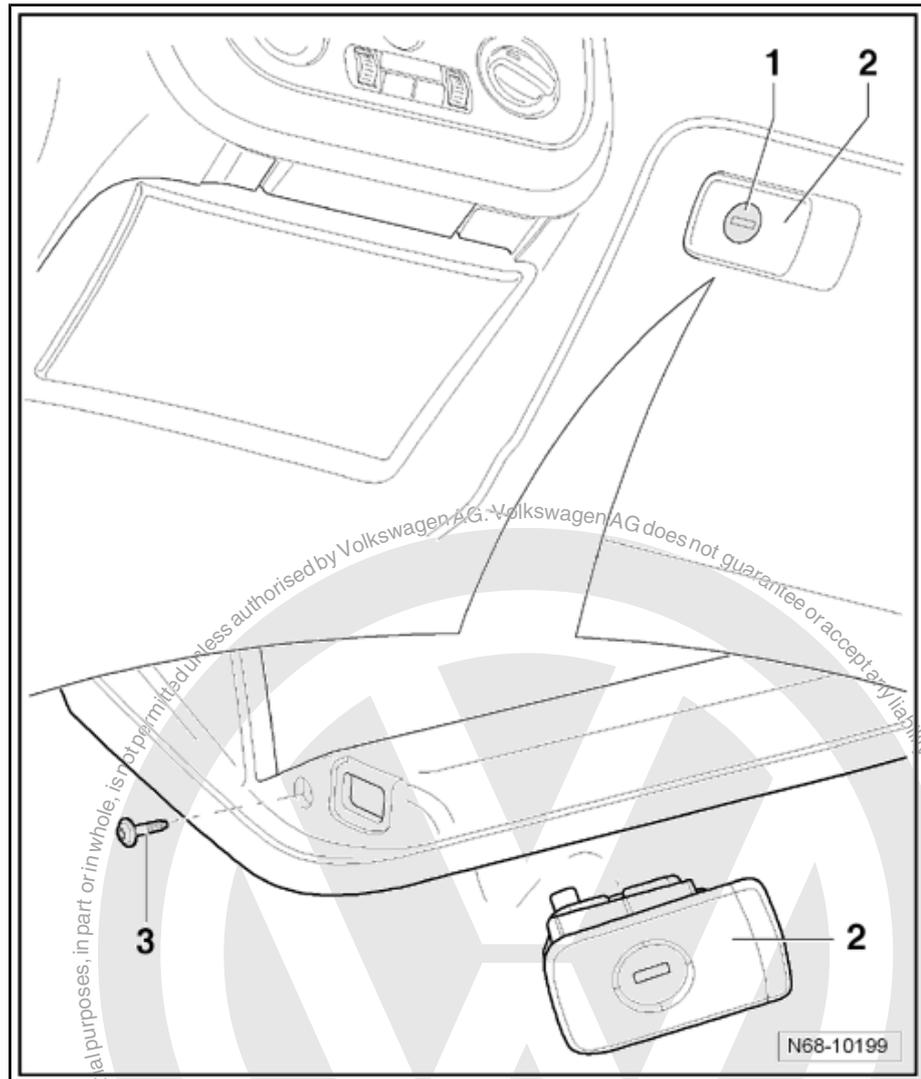
- Open glove compartment.



Note

A separate removal of the lock cylinder -1- is not possible, the release button -2- must be renewed.

- Remove bolt -3- and pull release button -2- out of glove compartment lid.



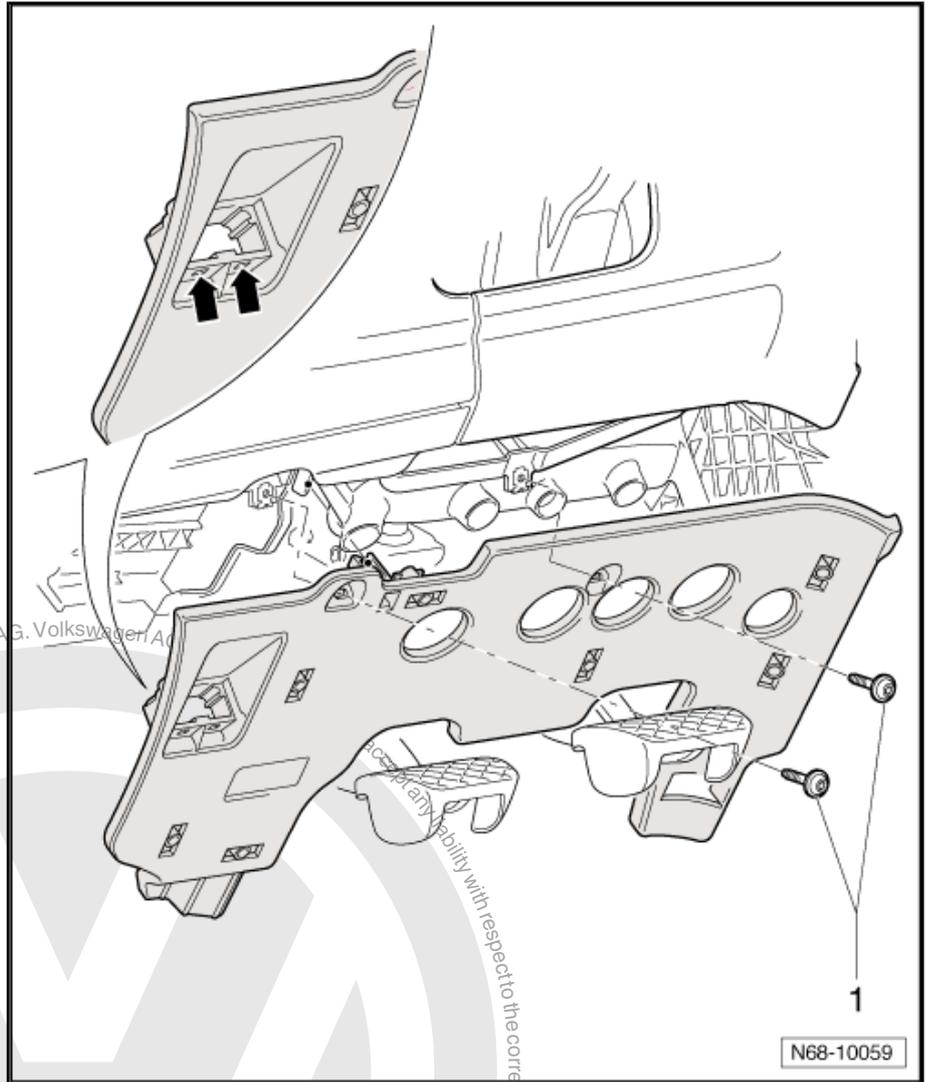
2.28.2 Installing

- Install in reverse order of removal.

2.29 Removing and installing footwell cover on driver side

2.29.1 Removing

- Switch off ignition.
- Remove the two bolts -1- (1.5 Nm).
- Detach cover from mountings and disconnect wiring harness from footwell light.
- Operate the two locking devices -arrows- and pull diagnostic connector out of cover.



2.29.2 Installing

- Install in reverse order of removal.

2.30 Removing and installing decorative trim on dash panel (Golf 2004 ▶)



Note

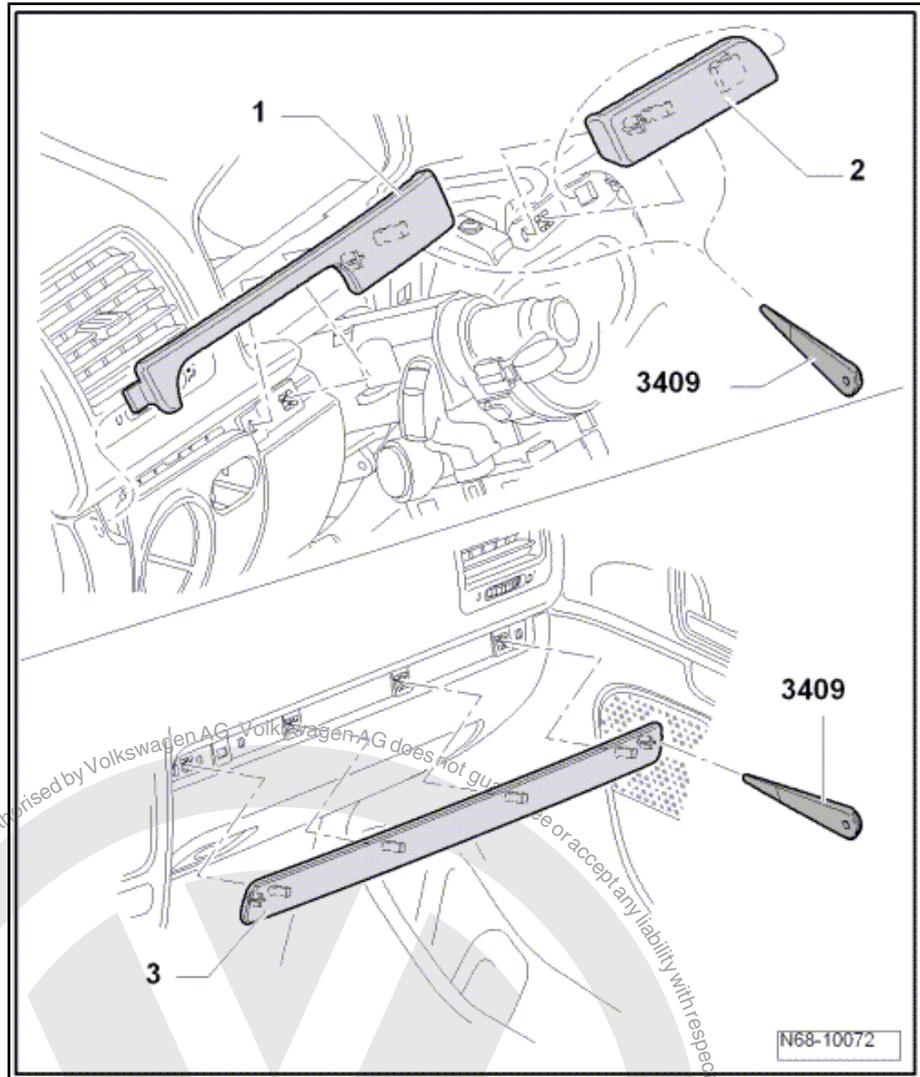
The trims are only installed in "Highline" versions.

2.30.1 Removing

- Using removal wedge -3409- , lever trims -1- and -2- out of dash panel on driver side.



- Using removal wedge -3409- , lever trim -3- out of mountings on front passenger side.



2.30.2 Installing

- Install in reverse order of removal.

2.31 Removing and installing decorative trim on dash panel (Golf 2009 ▶)

2.31.1 Removing

Driver side

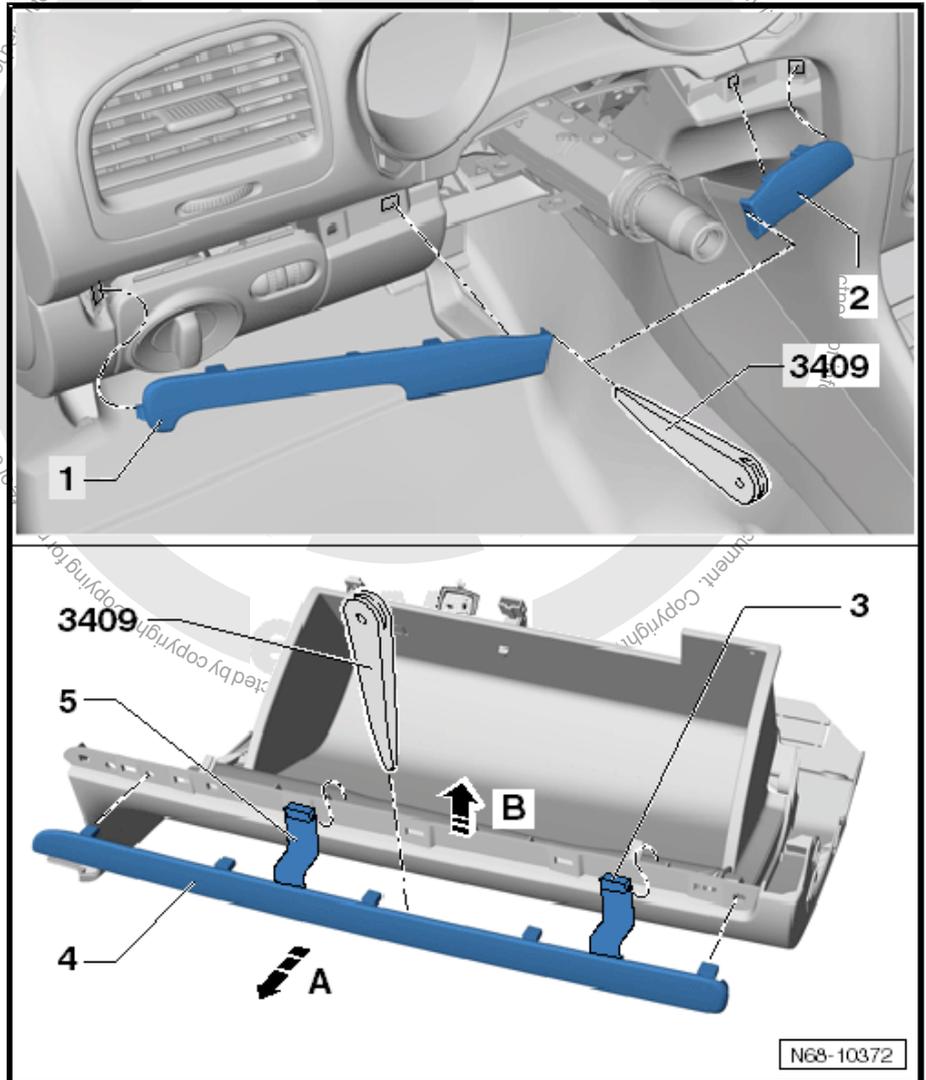
- Using removal wedge -3409- , lever trims -1- and -2- out of dash panel on driver side.

Passenger side

- Using removal wedge -3409- and starting on outer side of vehicle, prise trim -4- out of mountings -arrow A- on front passenger side.



- Release strap clips -3- and -5- -arrow B- on glove compartment.



2.31.2 Installing

- Install in reverse order of removal.

2.32 Removing and installing sun visor



Note

*Removal and installation is described for the left vehicle side.
 Follow same instructions for the right side as appropriate.*

2.32.1 Removing

- Switch off ignition.

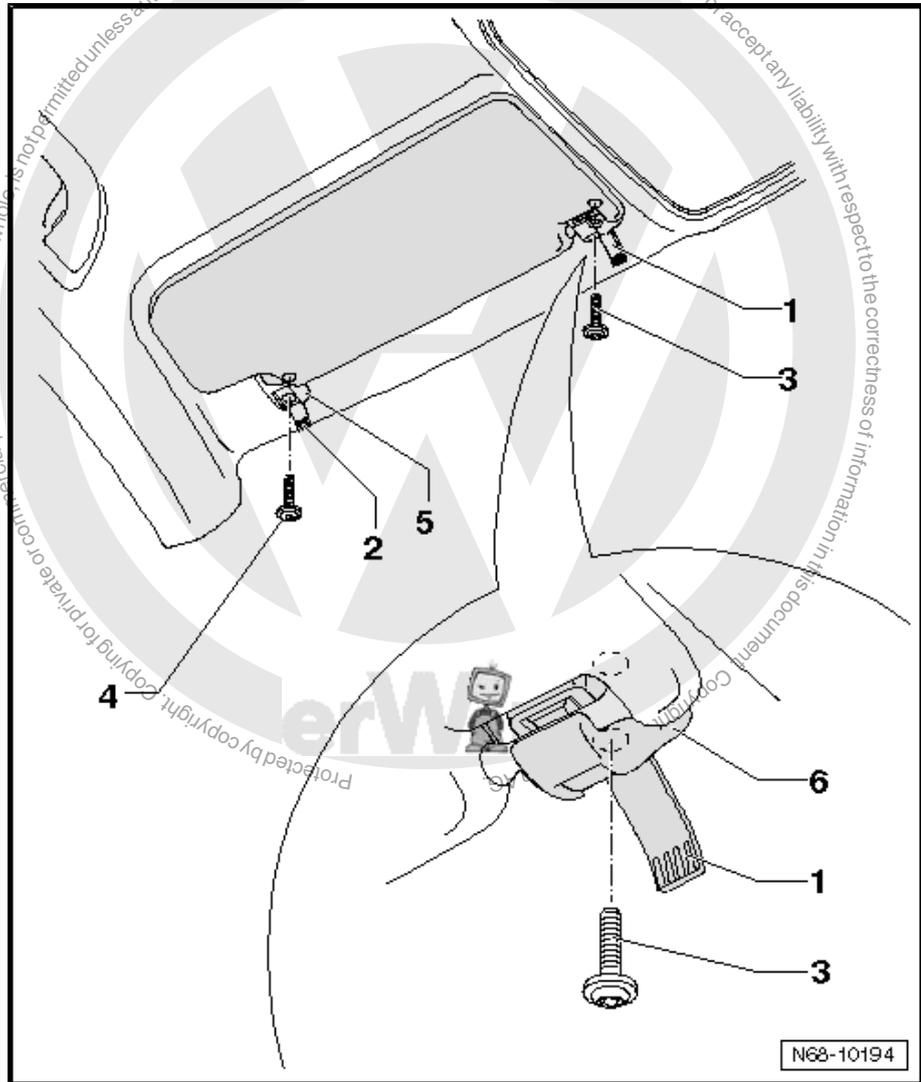


Note

If the sun visor only requires removal then bolt -3- and sun visor mounting -6- need not be removed.



- Using a small screwdriver, open cover caps -1- and -2-.
- Remove bolts -3- and -4- (2 Nm).



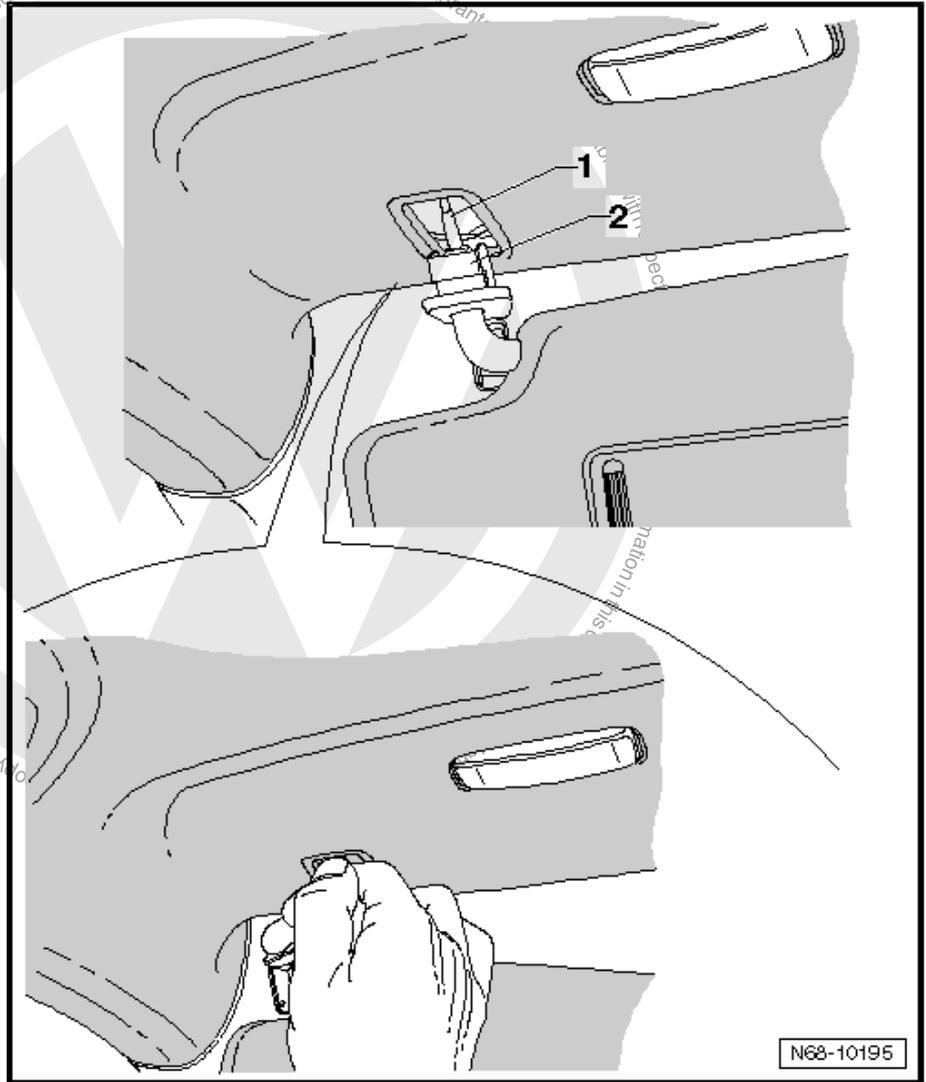
- Carefully pull sun visor bearing -1- out of mounting.



Caution

Hold sun visor. Allowing the sun visor to hang on the wiring harness is not permitted!

- Grasp into opening in moulded headliner for sun visor wiring harness -1- using thumb and index finger as shown.



Caution

When pulling the connector out of the retaining clip there is a risk of damage to the wiring harness! This occurs if the connector becomes dislodged abruptly from the retaining clip. For this reason, very carefully pull on wiring harness by hand, support palm of hand on vehicle for this. Force applied on wiring harness can be controlled, thus preventing an abrupt separation of wiring connections.

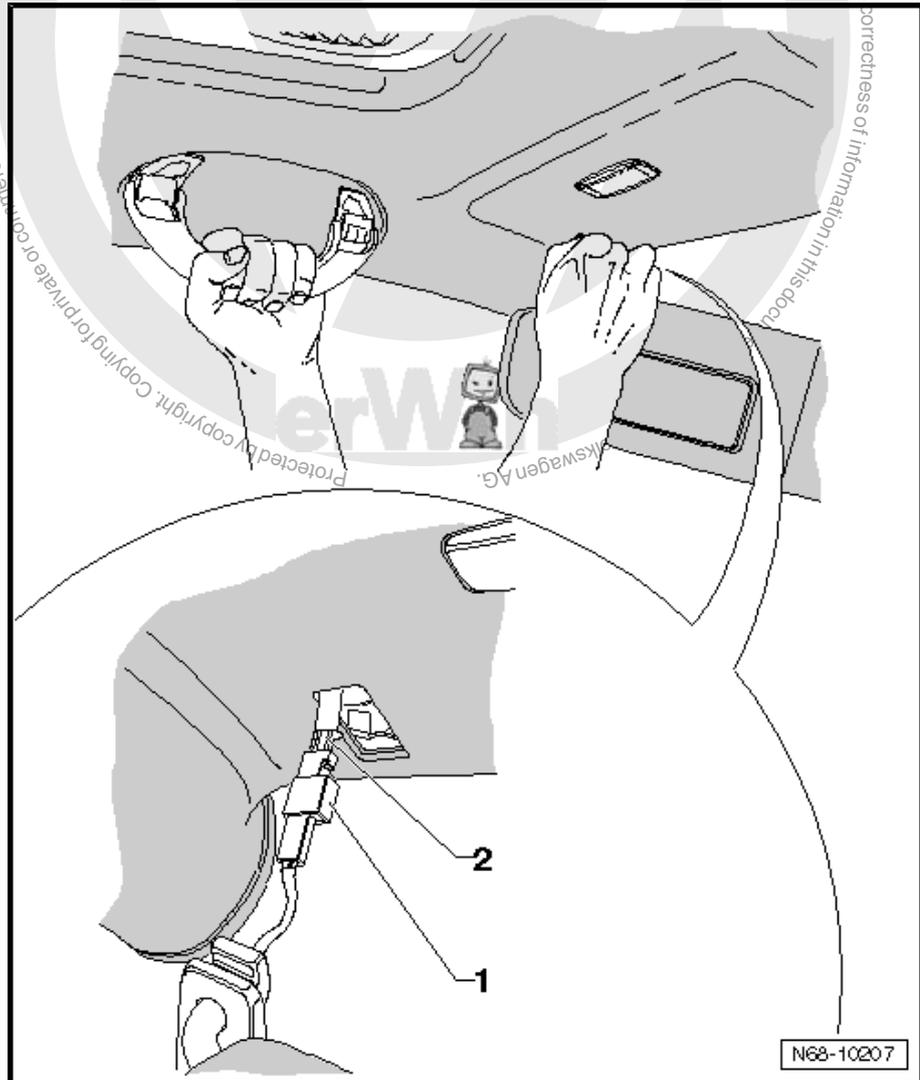
- Hold onto the roof hand rail with one hand and gently pull on the wiring harness (towards windscreen) until the connector slips out of its retaining clip in the moulded headlining.
- Carefully pull connector -1- out through opening in moulded headlining; only pull until connector is just beneath moulded headlining.



Caution

- ◆ *Do not pull connector out any further as the flat cable -2- only has a limited amount of spare length and could break.*
- ◆ *The flat cable may only be pulled out from the opening in the moulded headliner to a length of 1 cm.*

- Carefully disconnect connector, without pulling on flat cable.



2.32.2 Installing



Note

When sun visor is installed, a foam tube (part number: 533.863.288.A) must be pushed over the connector.

- Install in reverse order of removal.



3 Sill panel trims

3.1 Removing and installing sill panel mouldings (2-door)



Note

*Removal and installation is described for the right vehicle side.
Follow same instructions for the left side as appropriate.*

3.1.1 Removing

- Pull rear bench seat out of front anchor positions
⇒ [page 304](#) .



Note

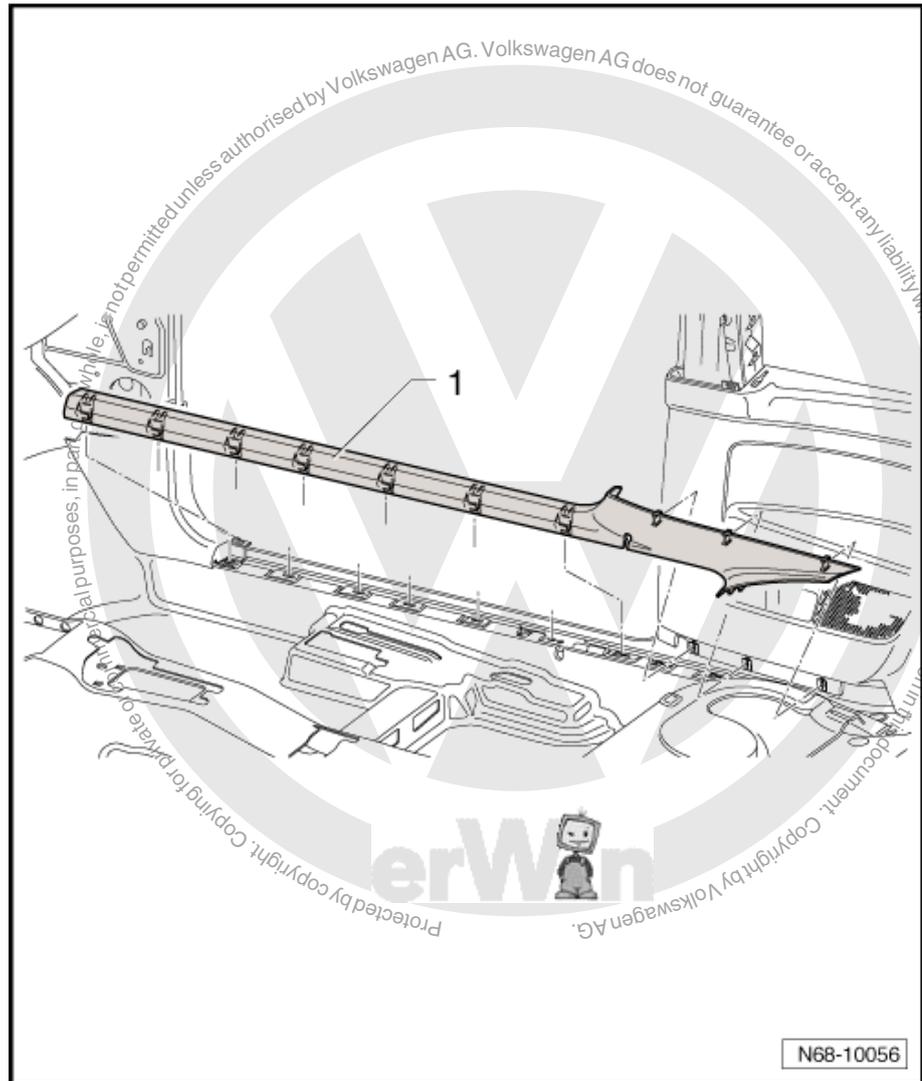
Removing rear bench seat completely is not necessary.

- Pull sill panel moulding -1- out of mountings in sill, the side panel and beading in door seal.



Note

Before installing, check the seven fasteners for damage and renew if necessary.



3.1.2 Installing

- Install in reverse order of removal.

3.2 Removing and installing sill panel mouldings (4-door)



Note

*Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.*

3.2.1 Removing

- Pull rear bench seat out of front anchor positions
⇒ [page 304](#) .



Note

Removing rear bench seat completely is not necessary.

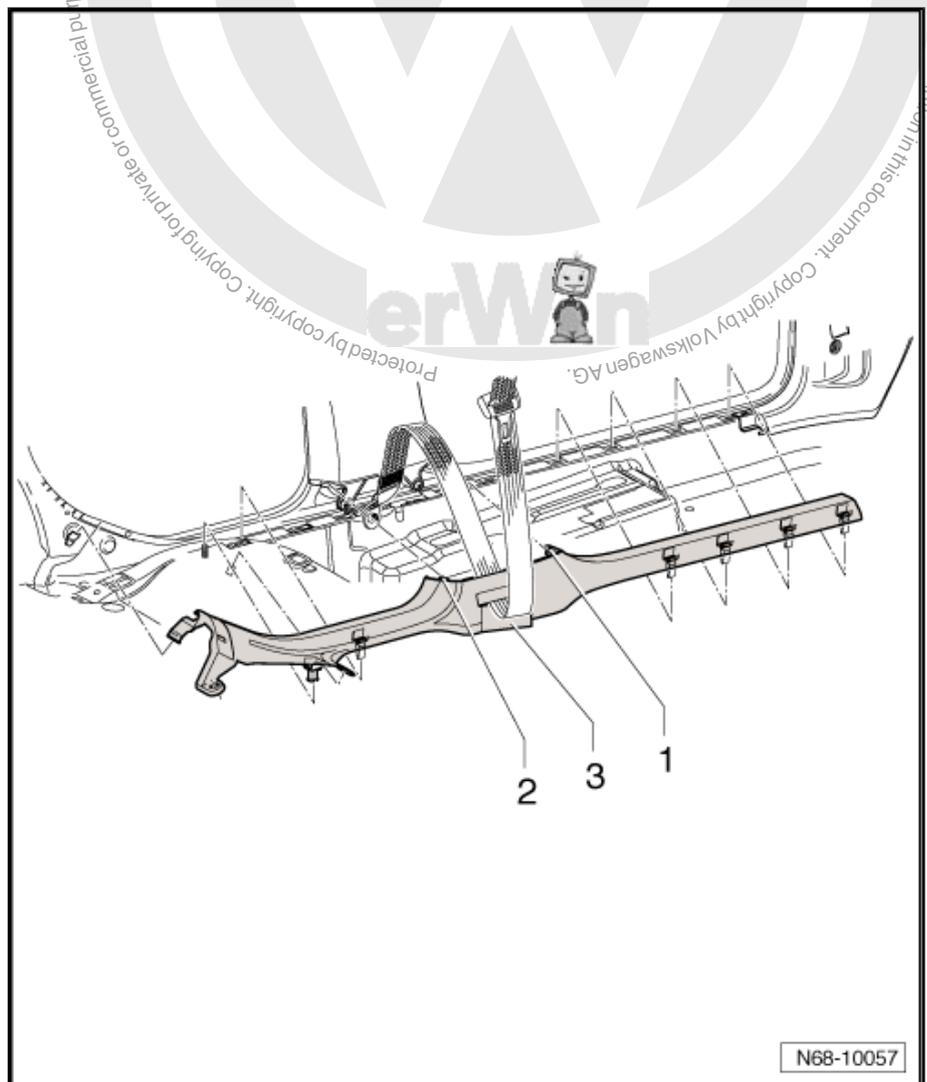


- Pull 4-door wheel housing trim out of mountings in transition area to sill panel moulding.
- Pull sill panel moulding out of front area of sill and beading of door seal.
- Detach guide -1- from lower B-pillar trim.
- Pull sill panel moulding out of rear area of sill and beading of door seal.
- Detach guide -2- from lower B-pillar trim.
- Open tab -3- and guide seat belt out through.



Note

Before installing, check 6 securing clips for damage and renew if necessary.



3.2.2 Installing

- Install in reverse order of removal.



3.3 Removing and installing wheel housing trim (4-door)

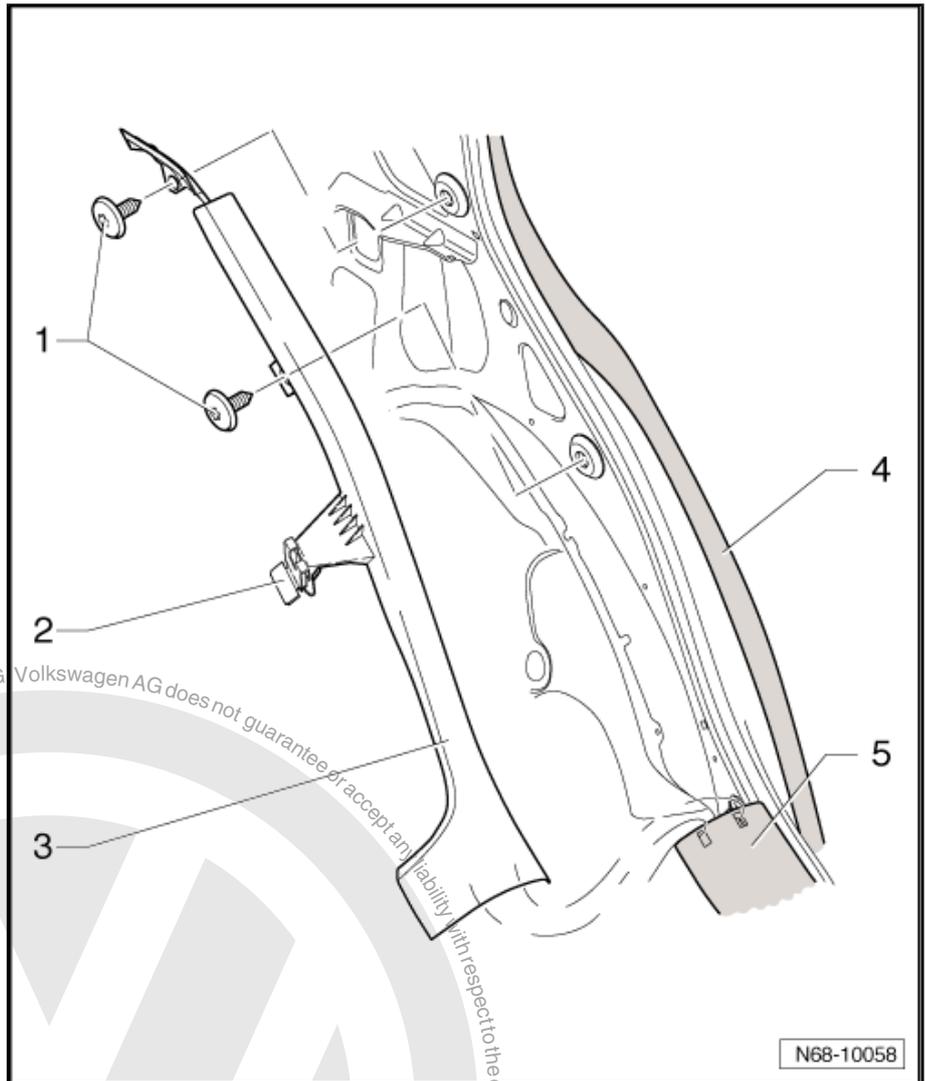


Note

*Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.*

3.3.1 Removing

- Remove rear bench seat ⇒ [page 304](#) .
- Remove side padding (4-door):
 - ◆ With rear side airbags ⇒ [page 306](#)
 - ◆ Without rear side airbag, ▶06/2005 ⇒ [page 307](#) .
- Remove the two bolts -1- (1.2 Nm).
- Detach clips -2- from body flange.
- Pull trim -3- out from beading of door seal -4-.
- Pull moulding out of mountings in sill panel moulding -5-.
- Pull trim out forwards under C-pillar trim.



3.3.2 Installing

- Install in reverse order of removal.

3.4 Removing and installing wheel housing trim (4-door), without rear side airbag 06/2005 >



Note

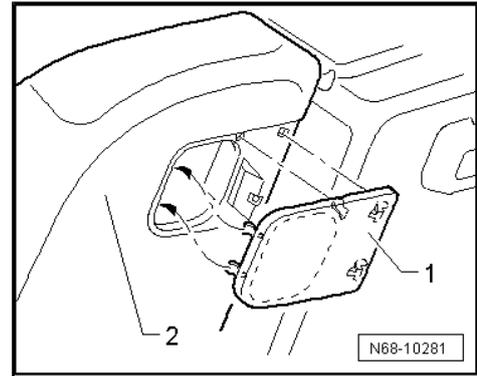
Removal and installation is described for the right vehicle side.
Follow same instructions for the left side as appropriate.

3.4.1 Removing

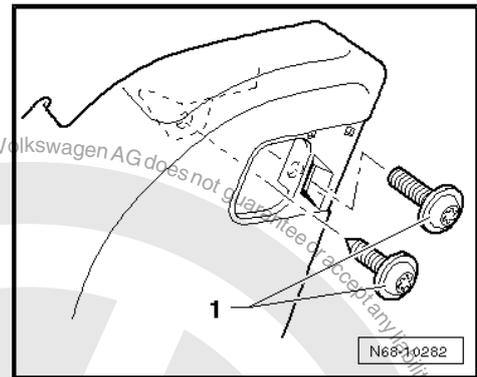
- Remove bench seat ⇒ [page 304](#) .
- Fold backrest forwards.



- Remove cover cap -1- from wheel housing trim -2-.

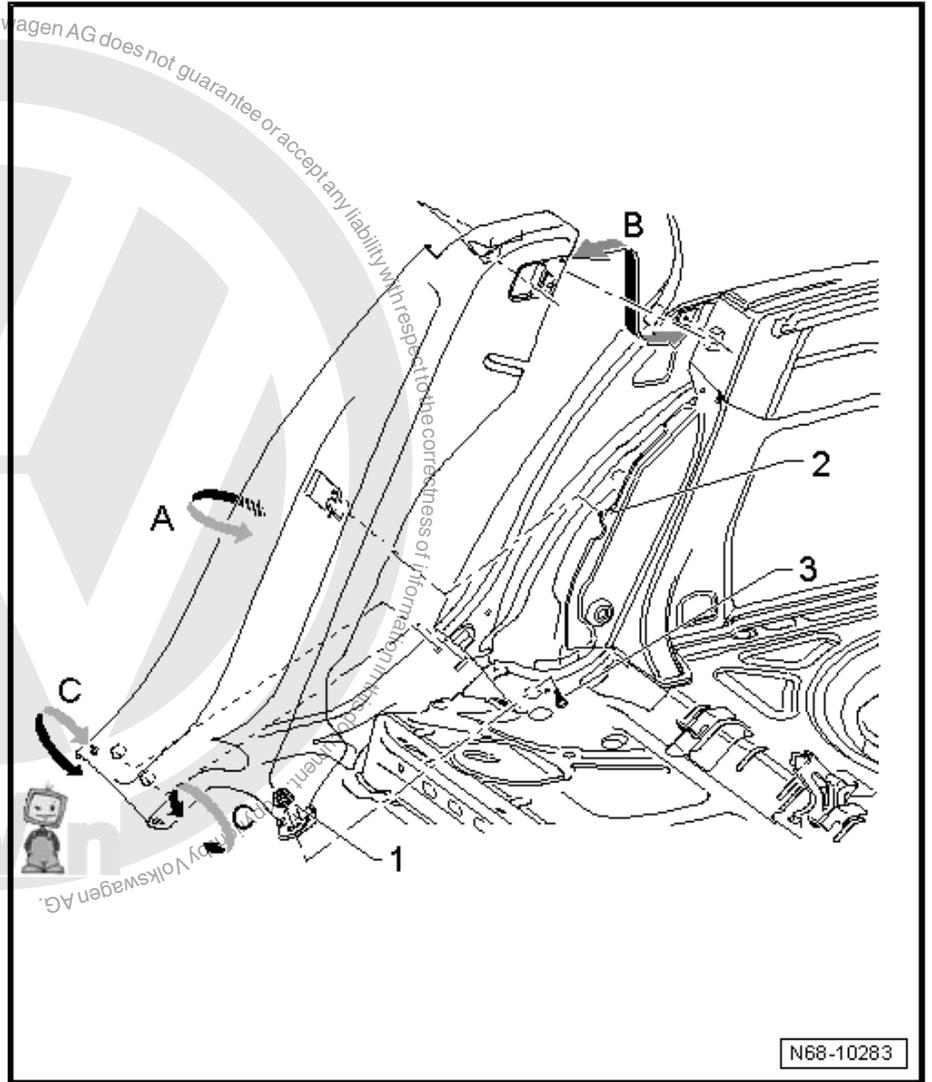


- Remove the two bolts -1- (1.5 Nm).



- Remove nut -1- (3.5 Nm).
- Release trim in centre from door seal beading -arrow A-.
- Release trim from mounting in upper area -arrow B-.
- Pull trim from body flange -2-.
- Release trim from retainers in lower area -arrow C-.
- Release trim from pin -3-.





3.4.2 Installing

- Install in reverse order of removal.



4 Grab handles

4.1 Removing and installing roof grab handles

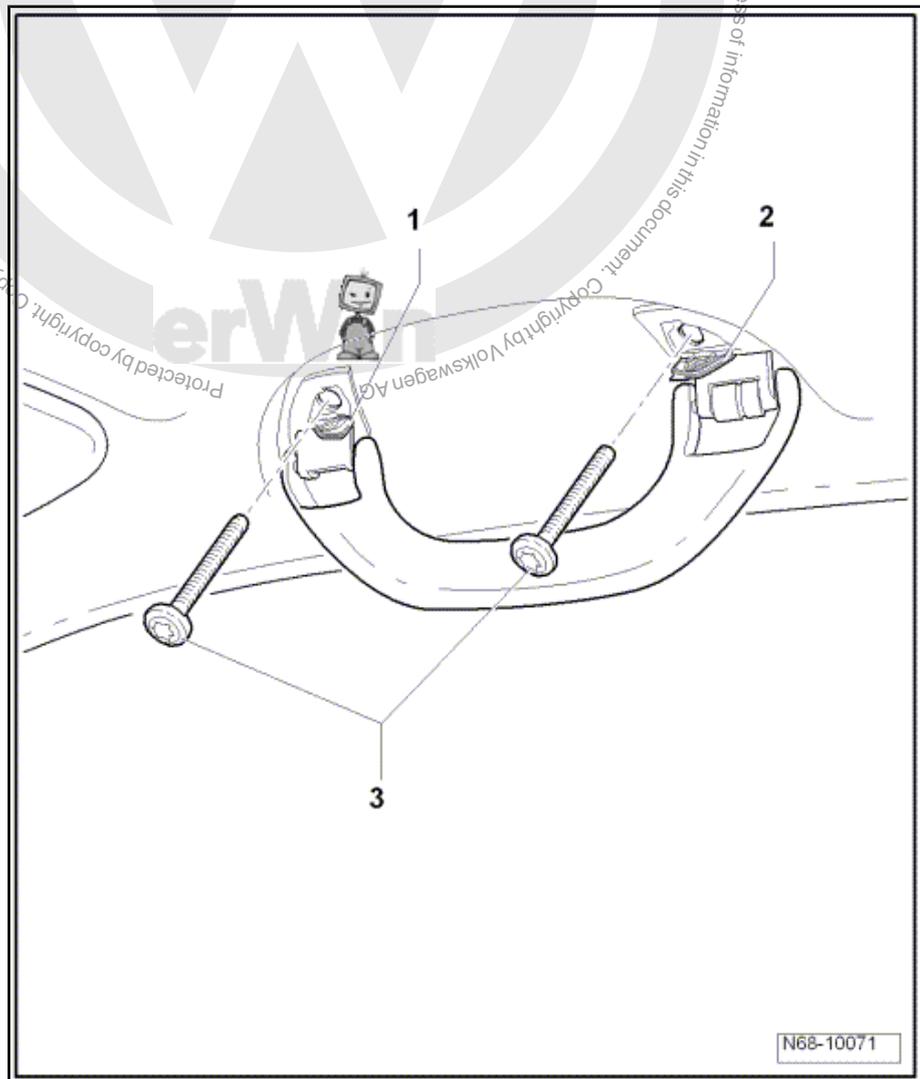


Note

The figure shows the front right grab handle, the removal and installation of the remaining grab handles is identical.

4.1.1 Removing

- Fold down grab handle and open the two cover caps -1- and -2- using a small screwdriver.
- Remove the two bolts -3- (2 Nm) and remove grab handle.



4.1.2 Installing

- Install in reverse order of removal.



69 – Passenger protection

1 Seat belts





1.1 General safety regulations when working on airbag, belt tensioner and battery isolator units (pyrotechnic components)



WARNING

- ◆ *Pyrotechnic components always contain a propellant that generates a gas during combustion. On some versions, a separate compressed gas reservoir is available to generate the gas.*
- ◆ *This compressed gas is stored under high pressure in a compressed gas tank.*
- ◆ *Ignition of the pyrotechnic components is by means of an electric/mechanical igniter.*
- ◆ *Testing, removing, installing and repair work may only be performed by qualified personnel.*
- ◆ *For airbag units, there are no exchange intervals.*
- ◆ *Under no circumstances should checks be carried out with a test lamp, voltmeter or ohmmeter.*
- ◆ *Pyrotechnic components may only be checked in installed state and with vehicle diagnosis, testing and information systems approved by the manufacturer.*
- ◆ *When working on pyrotechnic components and airbag control unit -J234-, the battery earth strap must be disconnected with the ignition switched on. Then cover negative terminal.*
- ◆ *A waiting time of 10 seconds is necessary after disconnecting the battery.*
- ◆ *The battery must be connected with the ignition SWITCHED ON. When doing this, there should be no-one inside the vehicle. Exception: Vehicles with battery inside passenger compartment. In this case do not stay anywhere near the effective range of the airbags and seat belts.*
- ◆ *Wash hands after coming into contact with triggered pyrotechnic components of restraint system.*
- ◆ *Pyrotechnic components must not be opened or repaired; always use new parts (risk of injury).*
- ◆ *Pyrotechnic components that have been dropped onto a hard surface or show signs of damage must not be installed in a vehicle.*
- ◆ *Before handling pyrotechnic components of the restraint system, for example before separating an electrical connection, the mechanic must electrostatically discharge himself/herself. Electrostatic discharge is achieved by touching earthed metallic parts, such as the door striker plate.*
- ◆ *Pyrotechnic components must be installed immediately after they have been removed from their packaging.*
- ◆ *If work is interrupted, the pyrotechnic component must be stored back in its packaging.*
- ◆ *Leaving the pyrotechnic component unattended is prohibited.*
- ◆ *Pyrotechnic components must not come into contact with grease, cleaning solution or similar.*
- ◆ *Pyrotechnic components must not be subjected to temperatures above 100 °C even for short periods.*





1.2 Special instructions for belt tensioners



WARNING

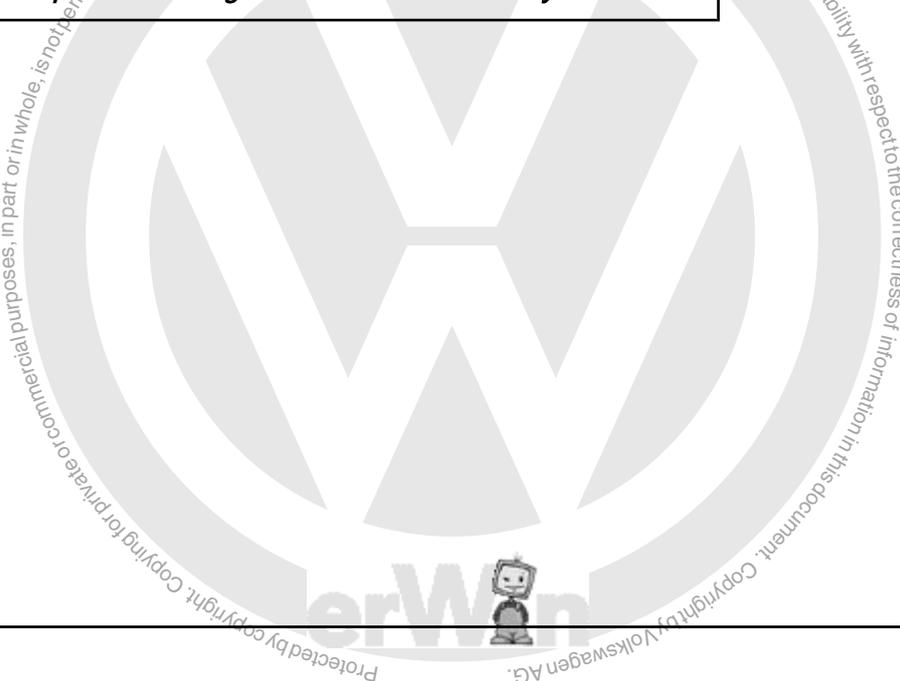
- ◆ *Never point open end of belt tensioner at another person.*
- ◆ *Belt tensioner units must be handled with extreme caution during removal and installation. If handled incorrectly, there is a high risk of injury and damage in relation to the belt tensioner units.*
- ◆ *When connecting the belt tensioner unit, all mechanical parts (including those of the 3-point seat belt) must be properly attached. If connection of the belt tensioner unit is hindered due to tight conditions, the belt strap must be rolled up completely before connecting. In this case there is no heightened risk of safety as long as the additional safety instructions are heeded. Essentially this is aimed at battery disconnection and electrostatic discharge of the fitter prior to connection of the belt tensioner unit.*
- ◆ *Depending on the crash intensity, it is possible that the belt tensioner was triggered but the belt force limiter did NOT ignite. These parts are to be treated as unignited components!*

1.3 Storage, transportation and disposal of airbag, belt tensioner and battery isolator units (pyrotechnic components)



WARNING

- ◆ *Storage must comply with the relevant national legislation.*
- ◆ *Transportation is subject to national and international regulations that govern packaging, marking, labelling and freight documentation in detail.*
- ◆ *Untriggered pyrotechnic components must be disposed of correctly in the original packaging in accordance with national legislation. Contact your importer if in any doubt.*
- ◆ *Only completely ignited pyrotechnic components may be disposed of through the commercial waste system.*

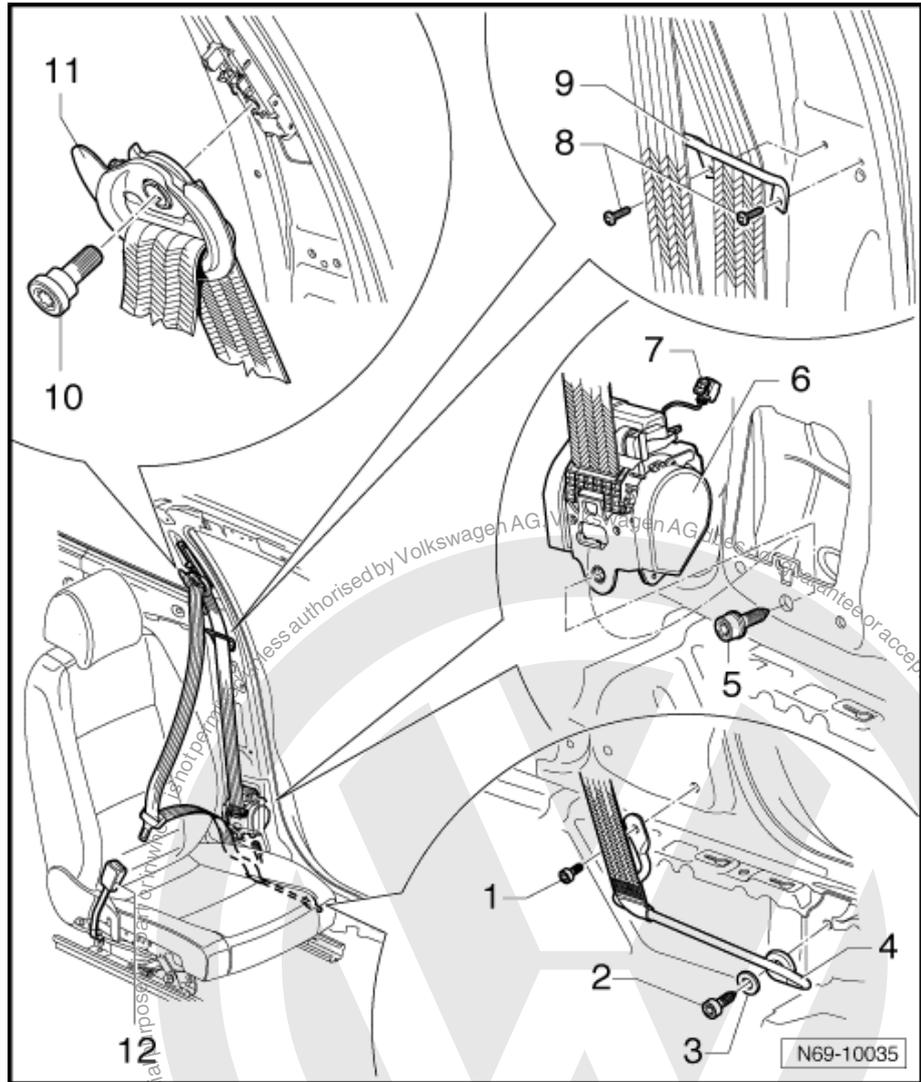




1.4 Removing and installing front seat belt (2-door)

1.4.1 Assembly overview

- 1 - Bolt
 20 Nm
- 2 - Bolt
 40 Nm
- 3 - Washer
- 4 - Anchor rail
- 5 - Bolt
 40 Nm
- 6 - Belt inertia reel, B-pillar
- 7 - Wiring harness
- 8 - Bolts
 Qty. 2
 4.5 Nm
- 9 - Belt guide
- 10 - Bolt
 40 Nm
- 11 - Belt guide fitting
- 12 - Belt buckle
 Removing ⇒ [page 98](#)



1.4.2 Removing



Note

Removal and installation are described for the left vehicle side.
 Follow same instructions for the right side as appropriate.



WARNING

- ◆ **Observe the general safety regulations when working on airbag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ [page 90](#)**
- ◆ **Follow the special instructions for belt tensioners ⇒ [page 91](#).**

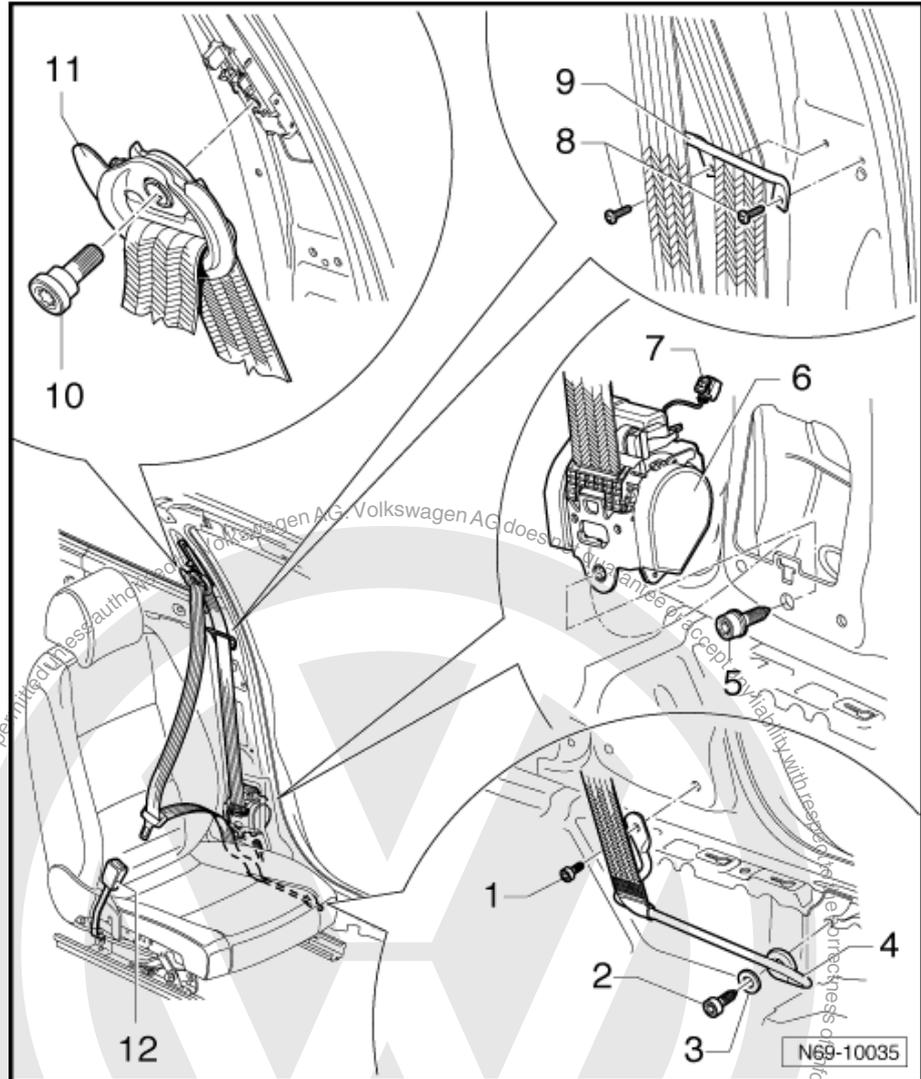
- Disconnect vehicle battery ⇒ Rep. Gr. 27 .
- Remove B-pillar upper trim ⇒ [page 228](#) .
- Remove bench seat ⇒ [page 304](#) .
- Remove backrest ⇒ [page 305](#) .
- Remove sill panel moulding (2-door) ⇒ [page 81](#) .
- Remove side panel trim ⇒ [page 233](#) .
- Remove bolt -1- (20 Nm).
- Unscrew bolt -2- (40 Nm) and remove washer -3-.
- Pull guide bar -4- through loop in belt strap.
- Remove bolt -5- (40 Nm) and remove belt inertia reel -6- from B-pillar.



WARNING

Electrostatic discharges may result in unintentional triggering of belt tensioner. Therefore, the mechanic must electrostatically discharge him/herself before disconnecting the igniter and earth wires. This can be done by briefly touching the body or striker plate of the door.

- Disconnect connector -7-.
- Remove bolts -8- (4.5 Nm) and remove belt guide -9-.
- Remove bolt -10- (40 Nm) and remove belt guide fitting -11- from belt height adjuster.



1.4.3 Installing

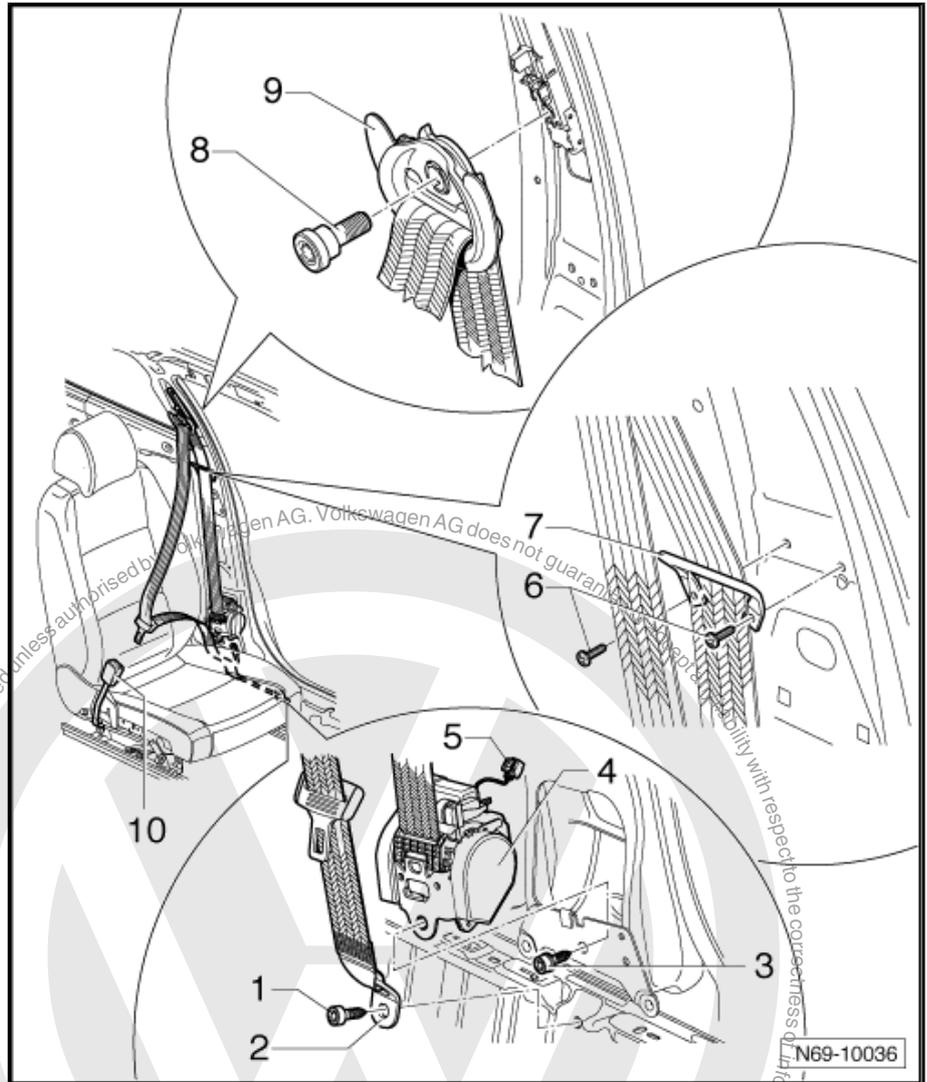
- Install in reverse order of removal.
- Reconnect vehicle battery => Rep. Gr. 27 .



1.5 Removing and installing front seat belt (4-door)

1.5.1 Assembly overview

- 1 - Bolt
 - 40 Nm
 - Micro-encapsulated
- 2 - Belt end anchor
- 3 - Bolt
 - 40 Nm
- 4 - Belt inertia reel, B-pillar
- 5 - Wiring harness
- 6 - Bolts
 - Qty. 2
 - 4.5 Nm
- 7 - Belt guide
- 8 - Bolt
 - 40 Nm
- 9 - Belt guide fitting
- 10 - Belt buckle
 - Removing ⇒ [page 100](#)



1.5.2 Removing



Note

Removal and installation are described for the left vehicle side.
 Follow same instructions for the right side as appropriate.



WARNING

- ◆ **Observe the general safety regulations when working on airbag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ page 90**
- ◆ **Follow the special instructions for belt tensioners ⇒ page 91 .**

- Disconnect vehicle battery ⇒ Rep. Gr. 27 .
- Remove B-pillar upper trim ⇒ [page 228](#) .
- Remove B-pillar lower trim ⇒ [page 230](#) .
- Remove bolt -1- (40 Nm) and remove belt end anchor -2- from body.



Caution

Bolt -1- may be microencapsulated. For this reason, the bolt has to be heated with a hot air blower before it can be loosened. The neighbouring seat belt must be protected against the heat with a damp cloth when doing this.



Note

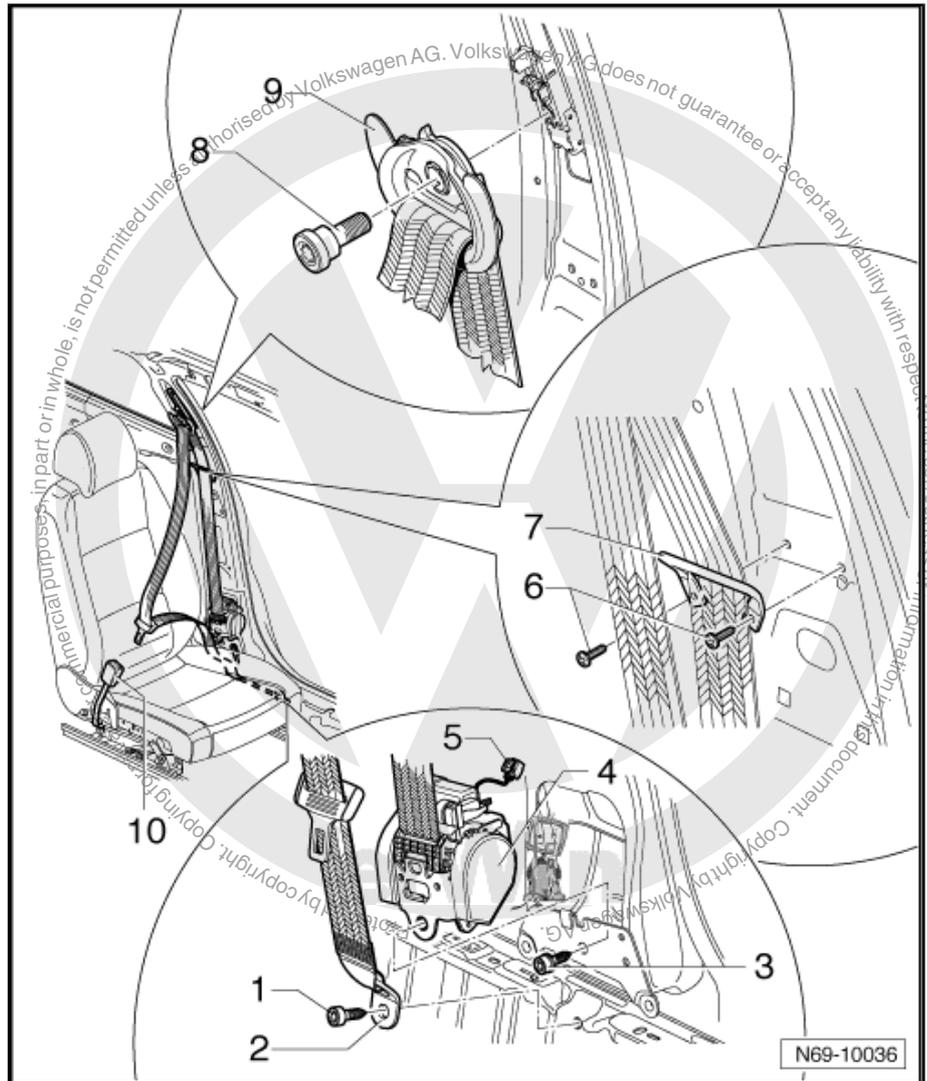
- ◆ *If the bolt is microencapsulated, it must be renewed if loosened.*
- ◆ *Before a new bolt is installed, the thread of the nut must be cleaned and recut as necessary.*
- Remove bolt -3- (40 Nm) and remove belt inertia reel -4- from B-pillar.



WARNING

Electrostatic discharges may result in unintentional triggering of belt tensioner. Therefore, the mechanic must electrostatically discharge him/herself before disconnecting the igniter and earth wires. This can be done by briefly touching the body or striker plate of the door.

- Disconnect wiring harness -5-.
- Remove bolts -6- (2 Nm) and remove belt guide -7-.
- Remove bolt -8- (40 Nm) and remove belt guide fitting -9- from belt height adjuster.



1.5.3 Installing

- Install in reverse order of removal.
- Reconnect vehicle battery ⇒ Rep. Gr. 27 .

1.6 Removing and installing front belt height adjuster

Note

*Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.*

1.6.1 Removing

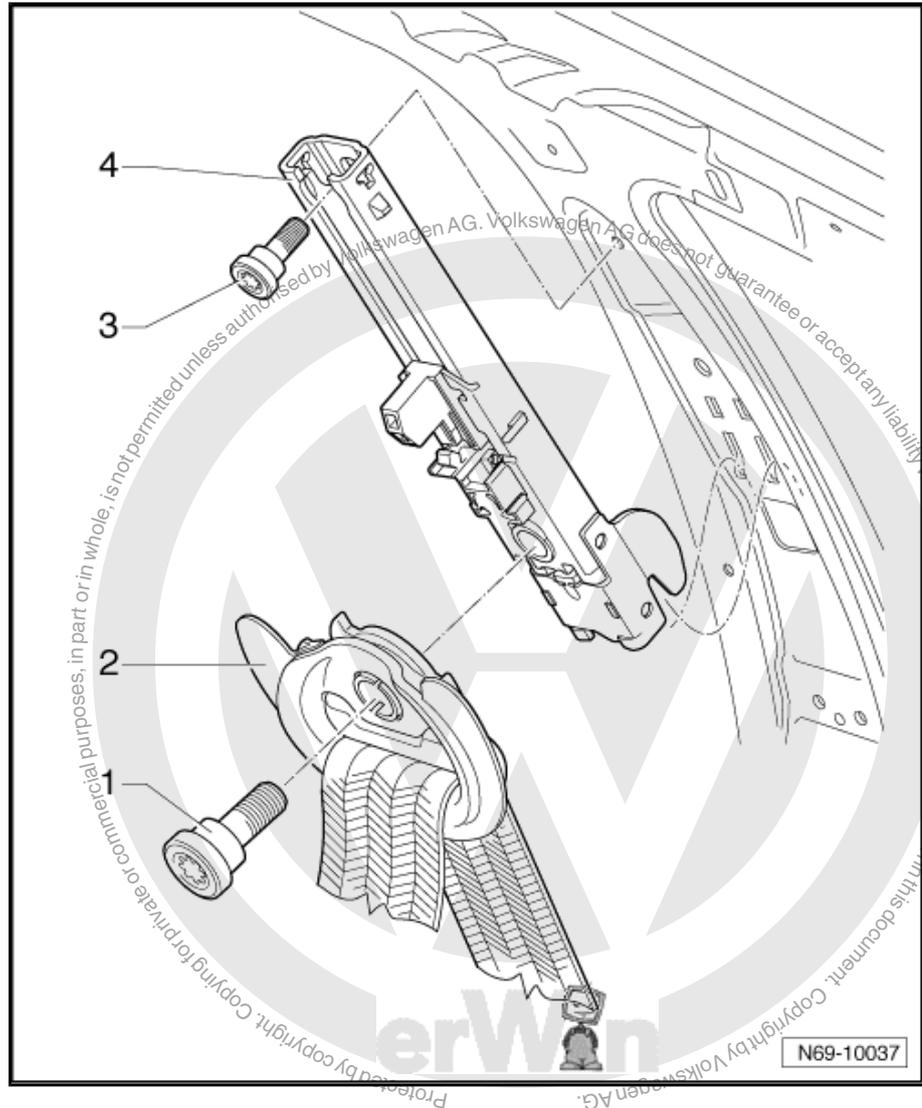
- Remove B-pillar upper trim ⇒ [page 228](#) .

Note

There is no need to remove the belt end anchor or anchor rail from front seat belt .



- Remove bolt -1- (40 Nm) and remove belt guide fitting -2- from belt height adjuster.
- Remove bolt -3- (20 Nm) and remove belt height adjuster -4- from mountings in support bracket.



1.6.2 Installing

- Install in reverse order of removal.

1.7 Removing and installing front seat belt buckle (2-door)



Note

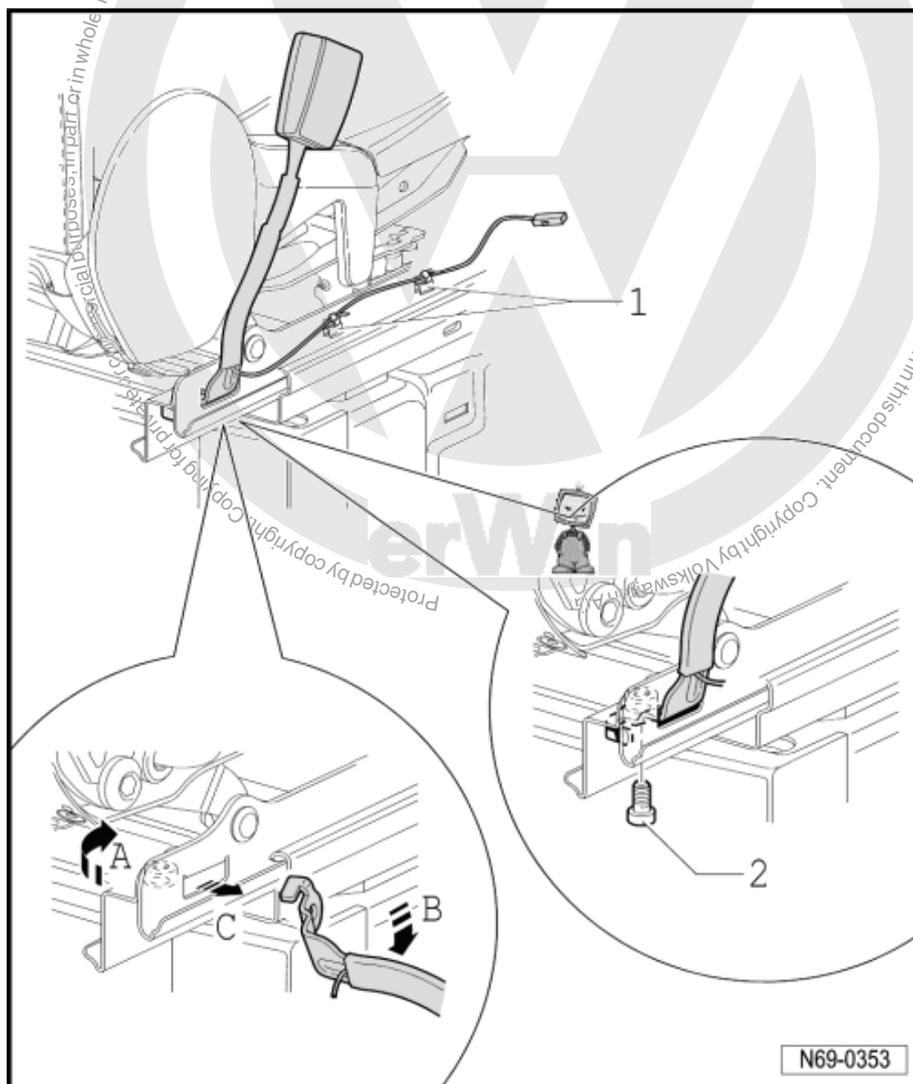
*Removal and installation is described for the left vehicle side.
Follow same instructions for removal and installation of the belt buckle on the right side as appropriate.*

1.7.1 Removing

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .



- Remove front seat => [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Move seat to forwardmost position.



- Disconnect wiring harness -1- from seat frame, if part of original equipment.
- Remove bolt -2- (20 Nm).

i Note

- ◆ *The bolt is microencapsulated and must be renewed each time it is loosened.*
- ◆ *Before a new bolt is installed, the thread of the corresponding nut must be cleaned.*
- Turn belt buckle 90° clockwise -arrow A-.
- Swing belt buckle outwards -arrow B-.
- Pull belt buckle out of mounting in seat rail -arrow C-.

1.7.2 Installing

- Install in reverse order of removal.



1.8 Removing and installing front seat belt buckle (4-door)



Note

Removal and installation is described for the left vehicle side.
Follow same instructions for removal and installation of the belt buckle on the right side as appropriate.

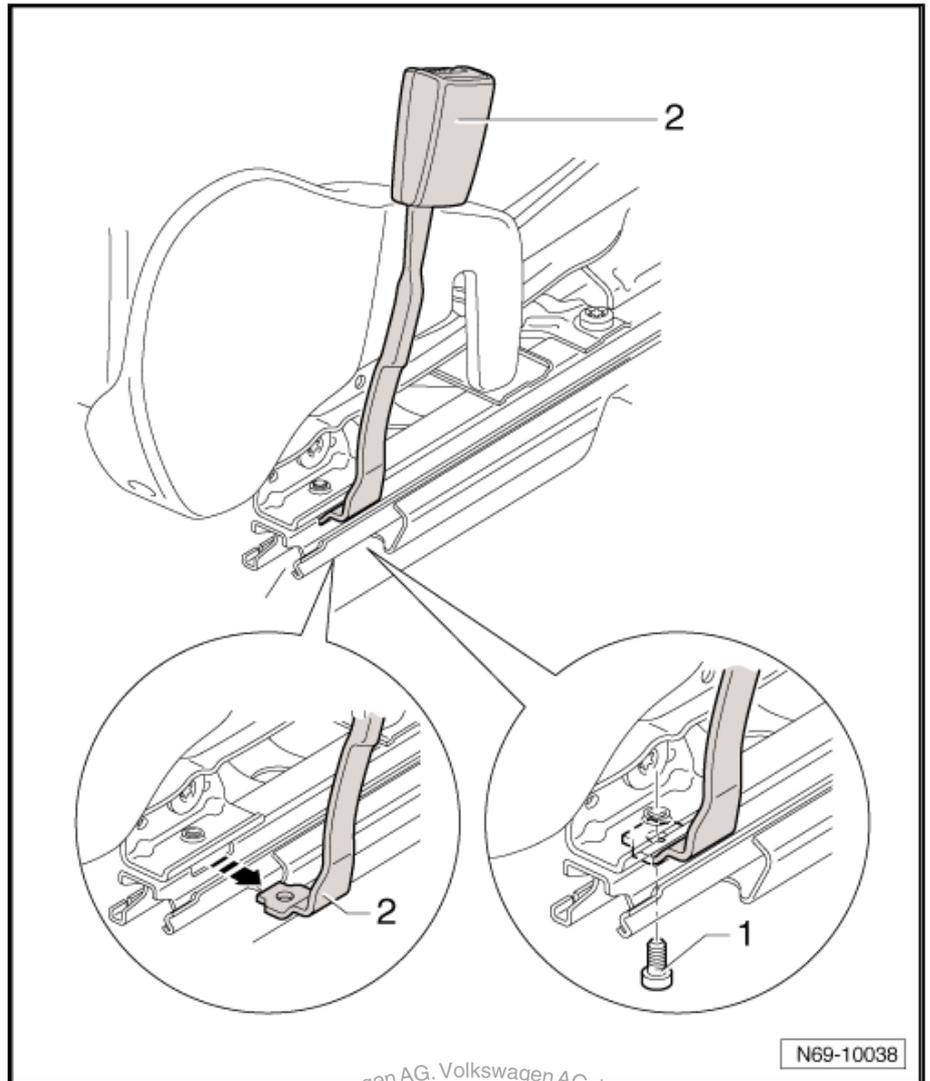
1.8.1 Removing

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat => [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Move seat to frontmost position.
- Disconnect wiring harness from seat frame, if part of original equipment.
- Remove bolt -1- (20 Nm).



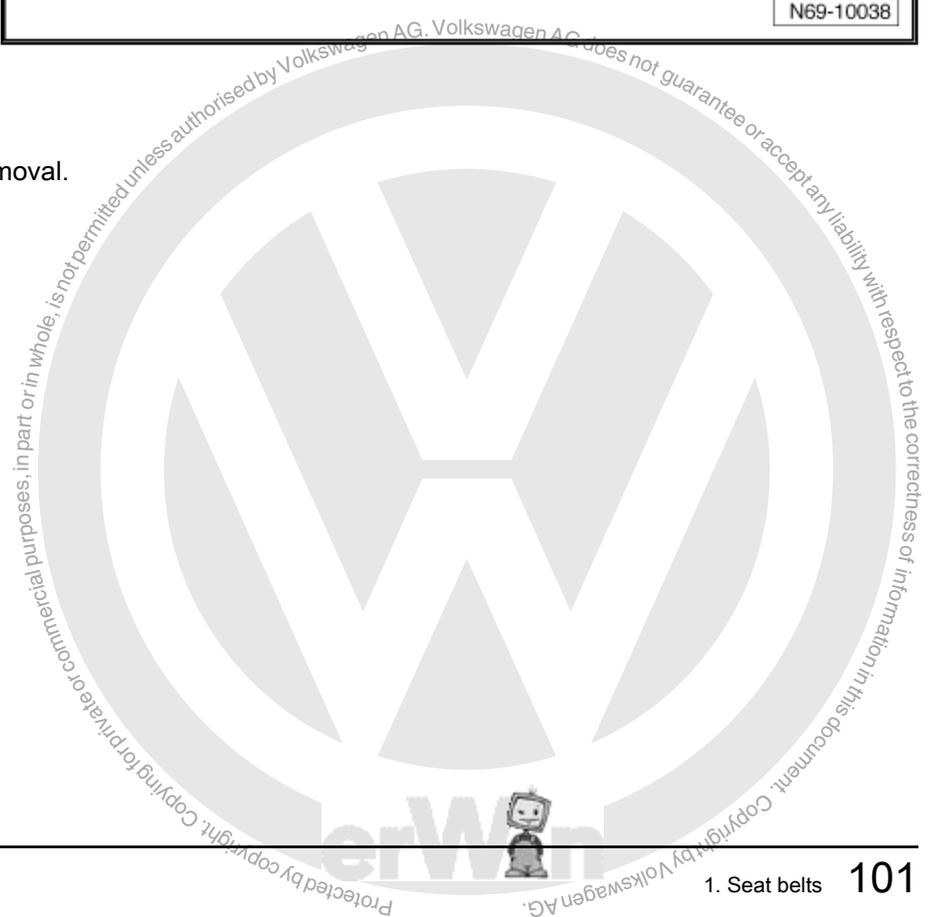
Note

- ◆ *The bolt is microencapsulated and must be renewed each time it is loosened.*
- ◆ *Before a new bolt is installed, the thread of the corresponding nut must be cleaned.*
- Pull belt buckle -2- out of mounting in seat rail -arrow-.



1.8.2 Installing

- Install in reverse order of removal.





1.9 Removing and installing rear outer seat belts

1.9.1 Assembly overview

1 - Bolt

□ 40 Nm

2 - Belt end anchor

3 - Wiring harness

4 - Bolt

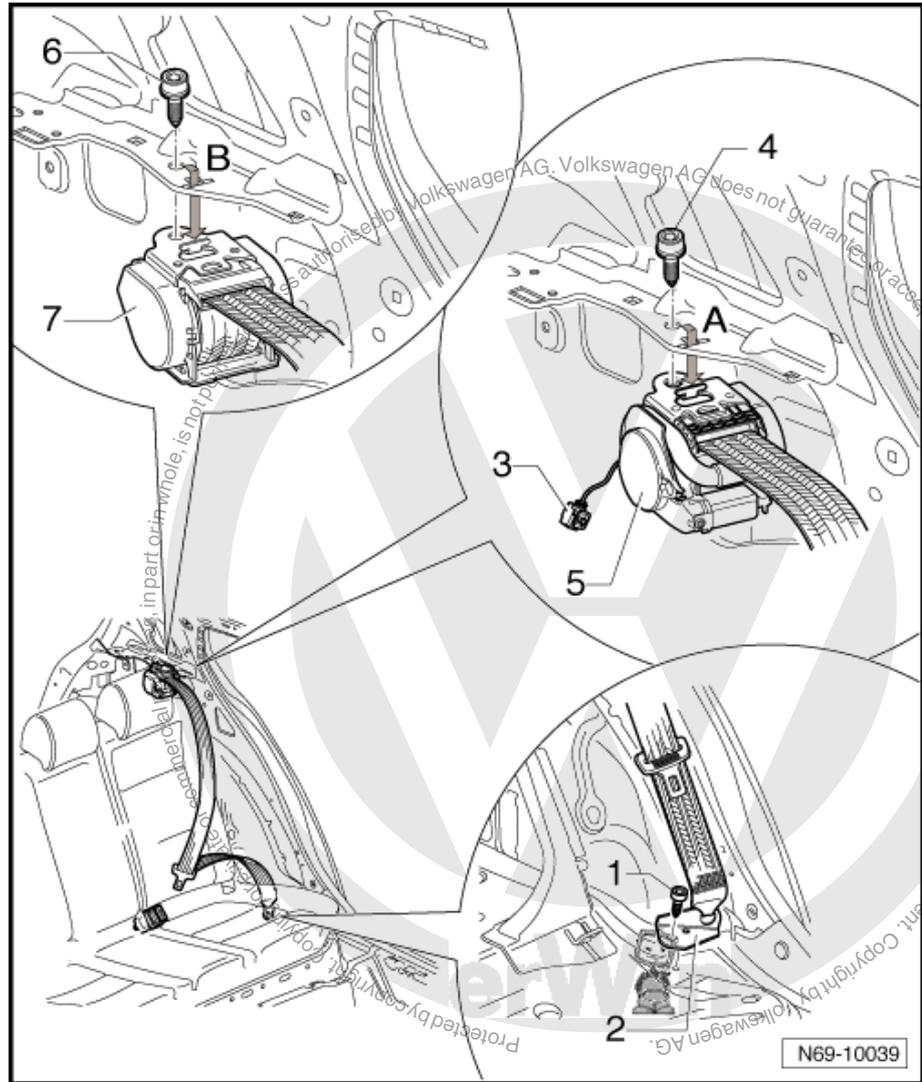
□ 40 Nm

5 - Belt inertia reel with belt tensioner

6 - Bolt

□ 40 Nm

7 - Belt inertia reel with no belt tensioner



1.9.2 Removing



Note

*Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.*

2-door

- Remove B-pillar upper trim ⇒ [page 228](#) .
- Remove bench seat ⇒ [page 304](#) .
- Remove backrest ⇒ [page 305](#) .
- Remove side panel trim ⇒ [page 233](#) .



- Remove luggage compartment cover side support
⇒ [page 241](#) .
- Remove roof frame trim ⇒ [page 246](#) .
- Remove C-pillar trim ⇒ [page 232](#) .

4-door, vehicles >06/2005

- Remove bench seat ⇒ [page 304](#) .
- Remove side padding (4-door):
 - ◆ With rear side airbags ⇒ [page 306](#)
 - ◆ with no rear side airbags ⇒ [page 307](#)
- Remove wheel housing trim (4-door) ⇒ [page 84](#)

4-door, vehicles with rear side airbag, 06/2005 >

- Remove side padding (4-door):
 - ◆ With rear side airbags ⇒ [page 306](#)
- Remove wheel housing trim (4-door) ⇒ [page 84](#)

4-door, vehicles without rear side airbag, 06/2005 >

- Remove wheel housing trim, 4-door, without rear side airbag
⇒ [page 85](#) .
- Remove luggage compartment cover side support
⇒ [page 241](#) .
- Remove roof end strip ⇒ [page 246](#) .
- Remove C-pillar trim ⇒ [page 232](#) .
- Remove bolt -1- (40 Nm) and remove belt guide fitting -2- from body.

Vehicles with belt tensioner



WARNING

- ◆ *Observe the general safety regulations when working on airbag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ [page 90](#)*
- ◆ *Follow the special instructions for belt tensioners ⇒ [page 91](#) .*

- Disconnect vehicle battery ⇒ Rep. Gr. 27 .



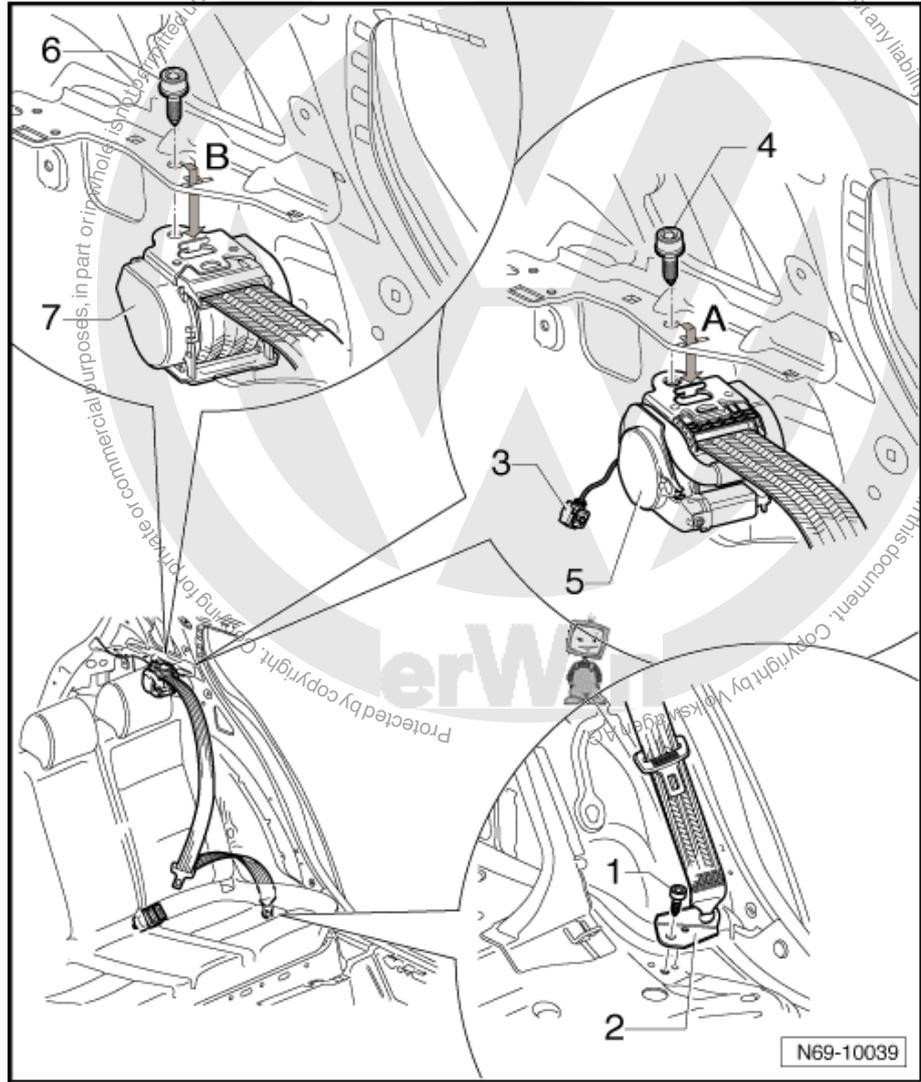
WARNING

Electrostatic discharges may result in unintentional triggering of airbag. Therefore, the mechanic must electrostatically discharge him/herself before disconnecting the igniter and earth wires. This can be done by briefly touching the body or striker plate of the door.

- Disconnect wiring harness -3-.
- Remove bolt -4- (40 Nm) and remove belt inertia reel -5- from body -arrow A-.

Vehicles with no belt tensioner

- Remove bolt -6- (40 Nm) and remove belt inertia reel -7- from body -arrow B-.



1.9.3 Installing

- Install in reverse order of removal.



1.10 Removing and installing middle rear 3-point seat belt

1.10.1 Assembly overview

1 - Bolt

- 40 Nm

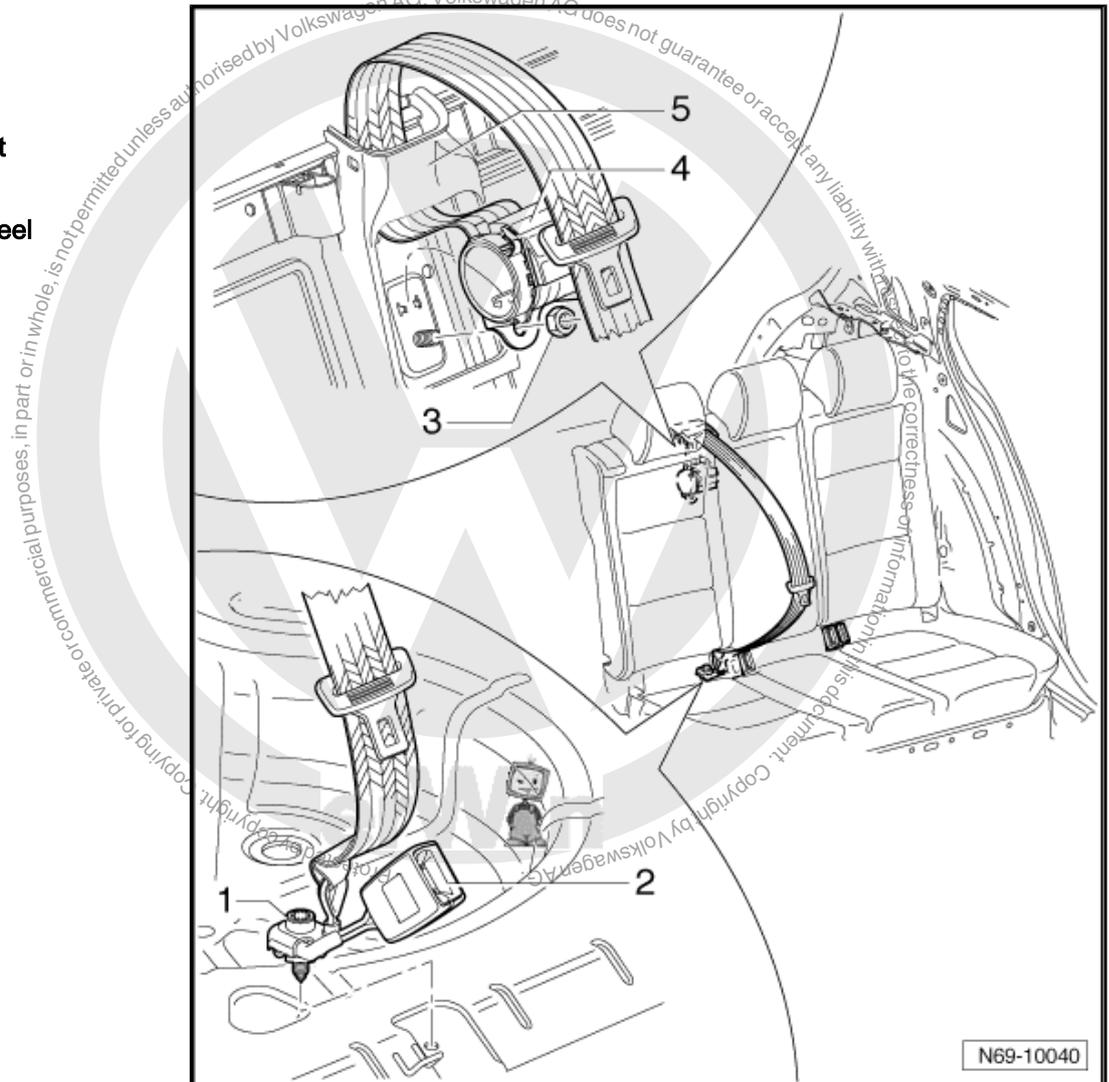
2 - Belt buckle

3 - Hexagon nut

- 40 Nm

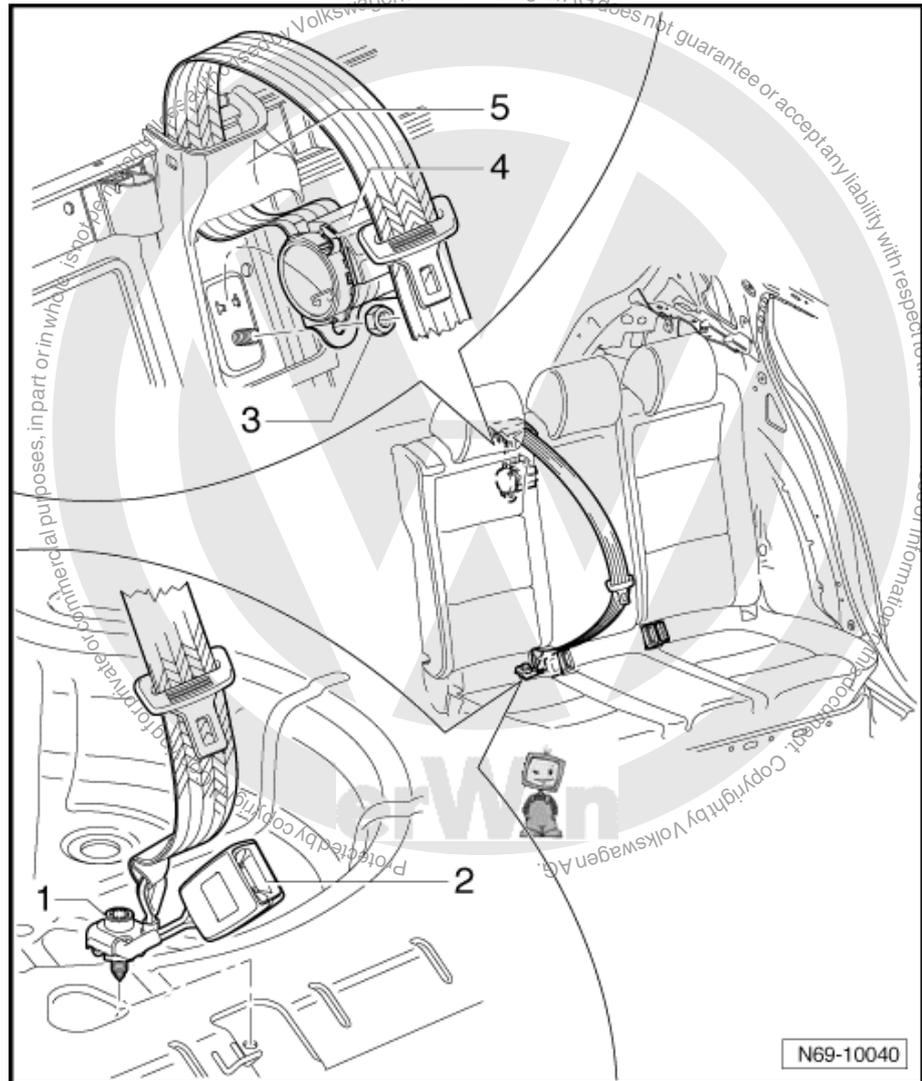
4 - Belt inertia reel

5 - Console



1.10.2 Removing

- Remove bench seat ⇒ [page 304](#) .
- Remove backrest ⇒ [page 305](#) .
- Remove cover and padding from seat backrest ⇒ [page 325](#) .
- Remove bolt -1- (40 Nm) and remove belt buckle -2- from body.
- Remove hexagon nut -3- (40 Nm) and remove belt inertia reel -4- from console -5-.
- Guide belt buckle -2- through console -5-.



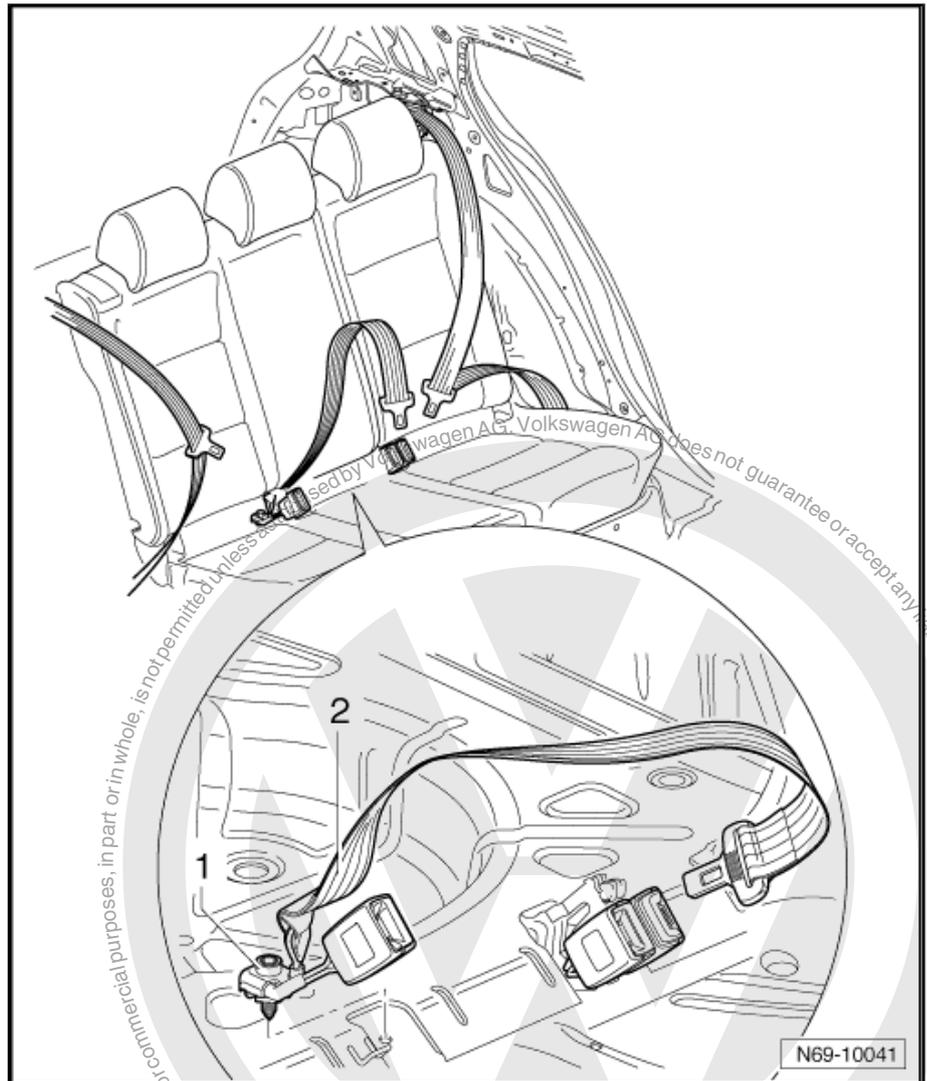
1.10.3 Installing

- Install in reverse order of removal.

1.11 Removing and installing middle rear seat lap belt

1.11.1 Removing

- Remove bench seat ⇒ [page 304](#) .
- Remove backrest ⇒ [page 305](#) .
- Remove bolt -1- (40 Nm) and remove lap belt -2- from body.



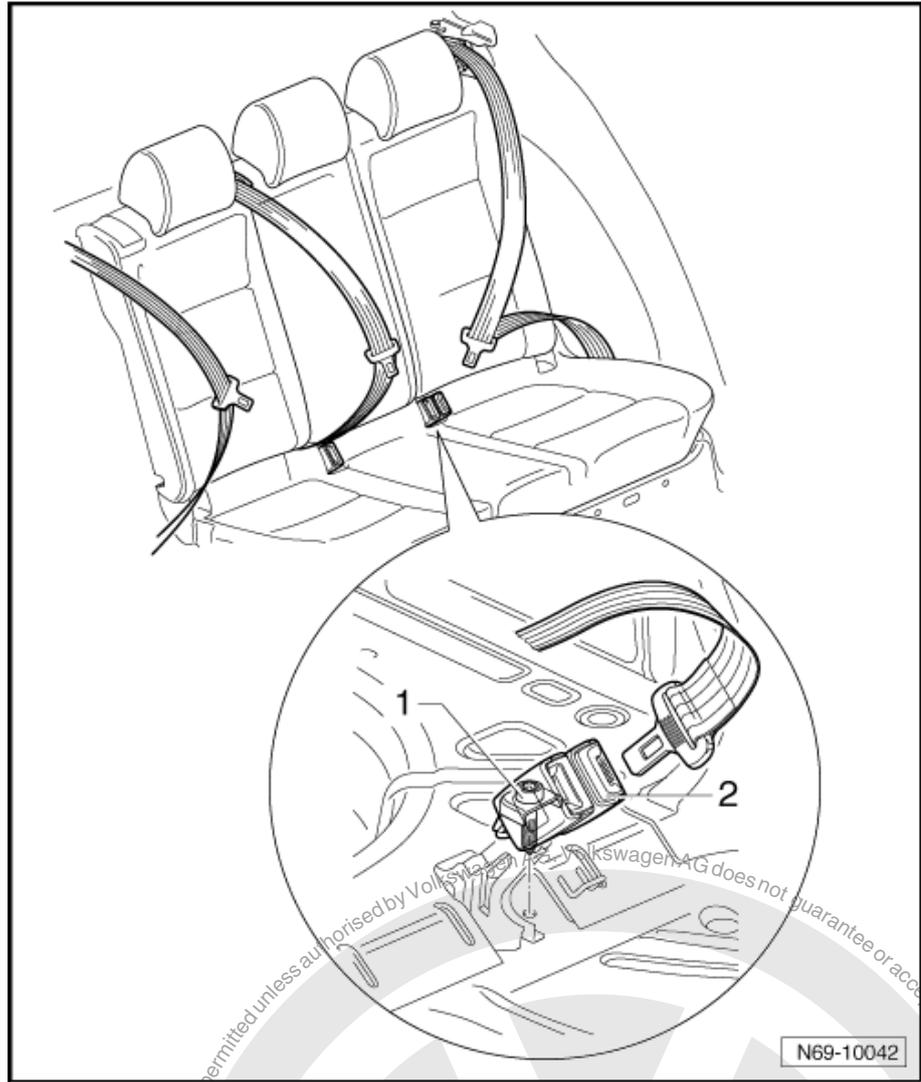
1.11.2 Installing

- Install in reverse order of removal.

1.12 Removing and installing rear double belt buckle

1.12.1 Removing

- Remove bench seat ⇒ [page 304](#) .
- Remove backrest ⇒ [page 305](#) .
- Remove bolt -1- (40 Nm) and remove double belt buckle -2- from body.



1.12.2 Installing

- Install in reverse order of removal.

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2 Inspecting seat belts



WARNING

The seat belt system must be inspected systematically after every accident! If damage is determined at any of the points to be checked, customer must be informed regarding necessity of changing belts.

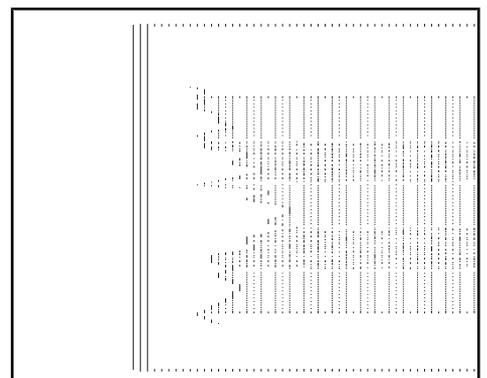
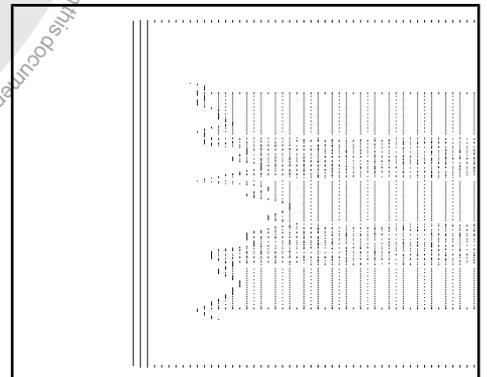
Check points:

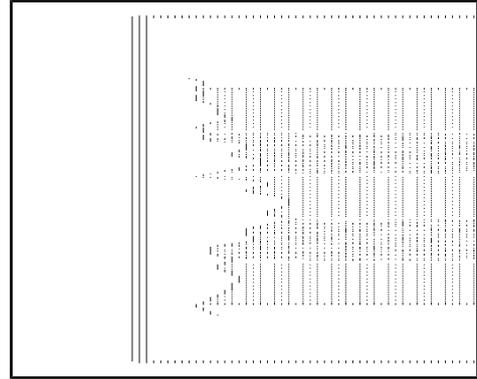
- ◆ Checking belt webbing
- ◆ Checking inertia reel (locking mechanism)
- ◆ Visually checking belt buckle
- ◆ Checking operation of belt buckle
- ◆ Checking belt guide fittings and latch plate
- ◆ Checking securing parts and anchorage points

2.1 Points to check

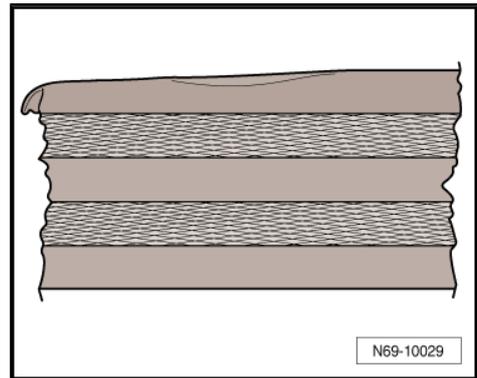
2.1.1 Checking belt webbing

- Pull belt completely out of inertia reel or lap belt adjustment plate.
- Inspect belt straps for soiling and, if necessary, wash with mild soap solution ⇒ also refer to Owner's Manual.





- If either of the following illustrated damage examples (1 and 2) are found on accident vehicle - renew seat belt complete with belt buckle and belt height adjustment.
- If damage as illustrated under points 1, 2, 3 and/or 4 is determined on a vehicle which has not been involved in an accident, it is sufficient to renew damaged belt only.
- Belt webbing cut, torn or chafed.
- Torn webbing loops on edge belt.
- Burn marks from cigarettes or similar.
- One edge of belt deformed or wavy.



2.1.2 Checking inertia reel (locking mechanism)

The inertia reel has two locking functions.

- ◆ The first locking function is triggered by the belt being jerked out of reel (belt extraction acceleration).

Checking

- Pull belt out of inertia reel with firm jerk.
- No locking effect - renew seat belt complete with buckle.
- If difficulties are experienced when belt is extended or retracted, first check whether position of inertia reel has been altered.
- The second locking function is triggered by a change in vehicle speed (vehicle-dependent locking function). Vehicle must be moved over a flat level surface for this.

Checking

- Put on seat belt.
- Accelerate vehicle to 20 km/h and then carry out emergency braking with foot brake.
- If seat belt is not locked by locking mechanism during braking procedure, renew seat belt complete with buckle.



WARNING

For safety reasons, the road test should be carried out on a traffic-free stretch to ensure that other road users are not endangered.



2.1.3 Visually checking belt buckle

- Inspect belt buckle for cracks and chips.
- If damage is determined, renew seat belt complete with belt buckle.

2.1.4 Checking operation of belt buckle

Checking buckle:

- Push latch plate into belt buckle until it engages audibly. Check whether locking mechanism is properly engaged by pulling firmly on belt webbing.
- If latch plate fails even once to engage properly in belt buckle during at least 5 tests, renew seat belt complete with belt buckle.

Checking release mechanism:

- Release seat belt by pressing button on belt buckle with finger pressure.
- When belt is slack, latch plate must spring out of belt buckle on its own.
- Carry out test at least 5 times. If latch plate fails even once to spring out of buckle, renew seat belt complete with belt buckle.



WARNING

Under no circumstances whatsoever may lubricant be used to eliminate noise or stiffness in belt buckle buttons.

2.1.5 Checking belt guide fittings and latch plate

Plastic-coated hardware show fine, parallel scoring after stress on belt system (when belt was fastened during accident). (On the other hand, wear caused by frequent belt use can be recognized by smooth wear, free of lines).

- Inspect for deformation, fracturing and cracks in plastic.
- If scoring and/or damage is determined, renew seat belt complete with belt latch.

2.1.6 Checking securing parts and anchorage points

- ◆ Latch plate deformed (stretched)
- ◆ Height adjuster non-functional
- ◆ Anchorage points (seat, pillars, vehicle floor) distorted or thread damaged
- If damage is determined on these parts, renew seat belt complete with belt buckle.
- Renew anchorage points.



Note

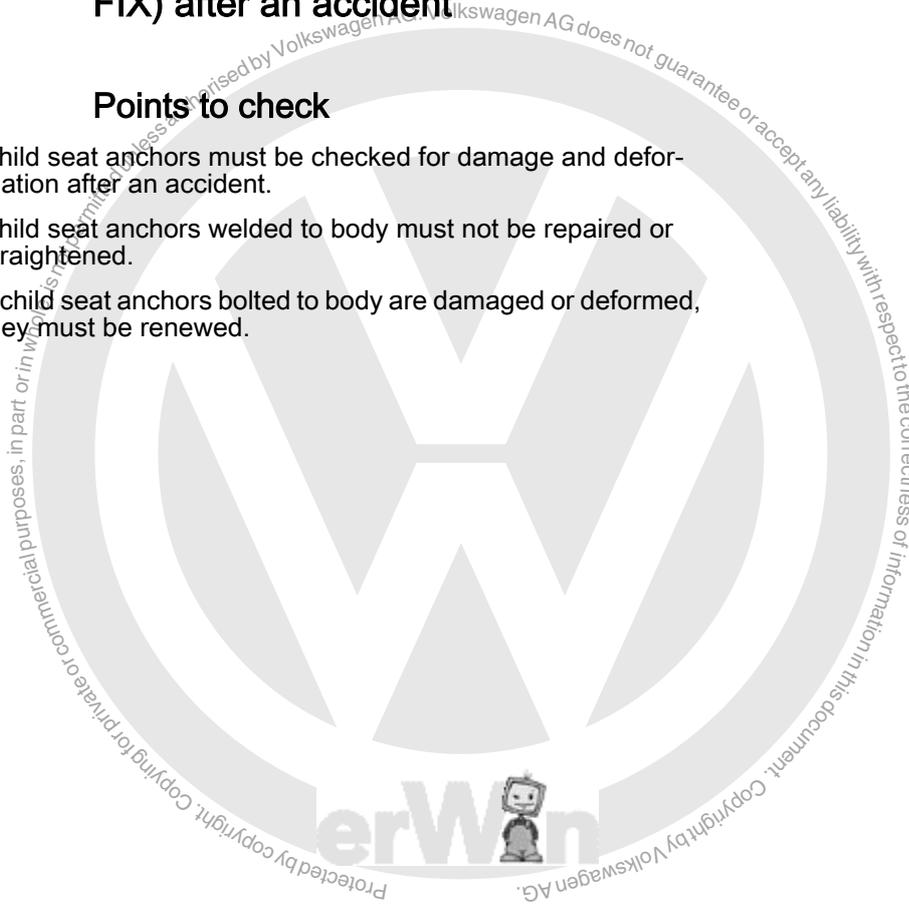
In case of damage resulting not from an accident, but for example, from wear, only the part which is actually damaged need be renewed.



3 Checking child seat anchors (ISO-FIX) after an accident

3.1 Points to check

- ◆ Child seat anchors must be checked for damage and deformation after an accident.
- ◆ Child seat anchors welded to body must not be repaired or straightened.
- ◆ If child seat anchors bolted to body are damaged or deformed, they must be renewed.





4 Airbag

4.1 Overview of locations - airbag systems

1 - Driver side airbag unit

- Removing ⇒ [page 120](#)

2 - Airbag warning lamp (K75)

3 - Front passenger side airbag unit

- Removing ⇒ [page 134](#)

4 - Side airbag, driver side

- Removing ⇒ [page 139](#)

5 - Side airbag, front passenger side

- Removing ⇒ [page 139](#)

6 - Side airbag, driver side

- Only 4-door.
- Removing ⇒ [page 140](#)

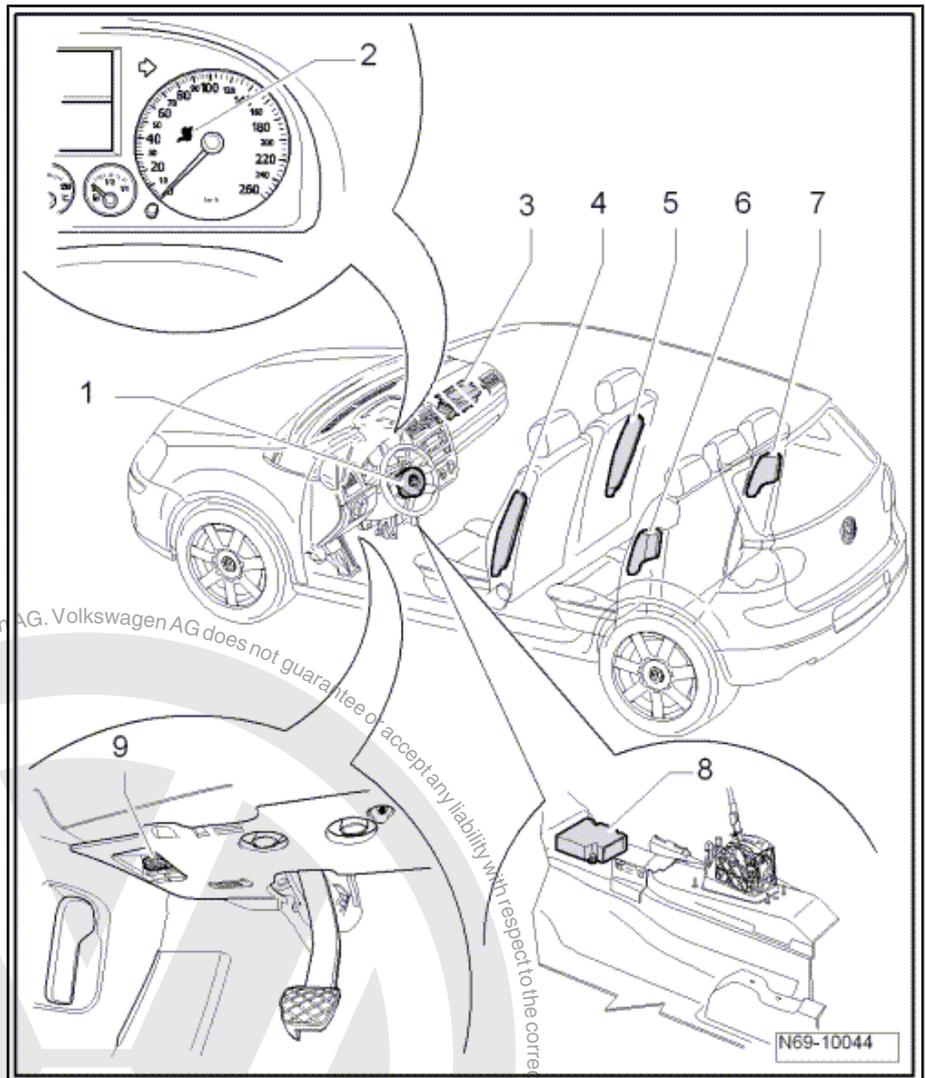
7 - Rear side airbag, front passenger side

- Only 4-door.
- Removing ⇒ [page 140](#)

8 - Airbag control unit (J234)

- Removing ⇒ [page 118](#)
- Adapting components (coding) ⇒ [page 153](#)

9 - Diagnosis connector



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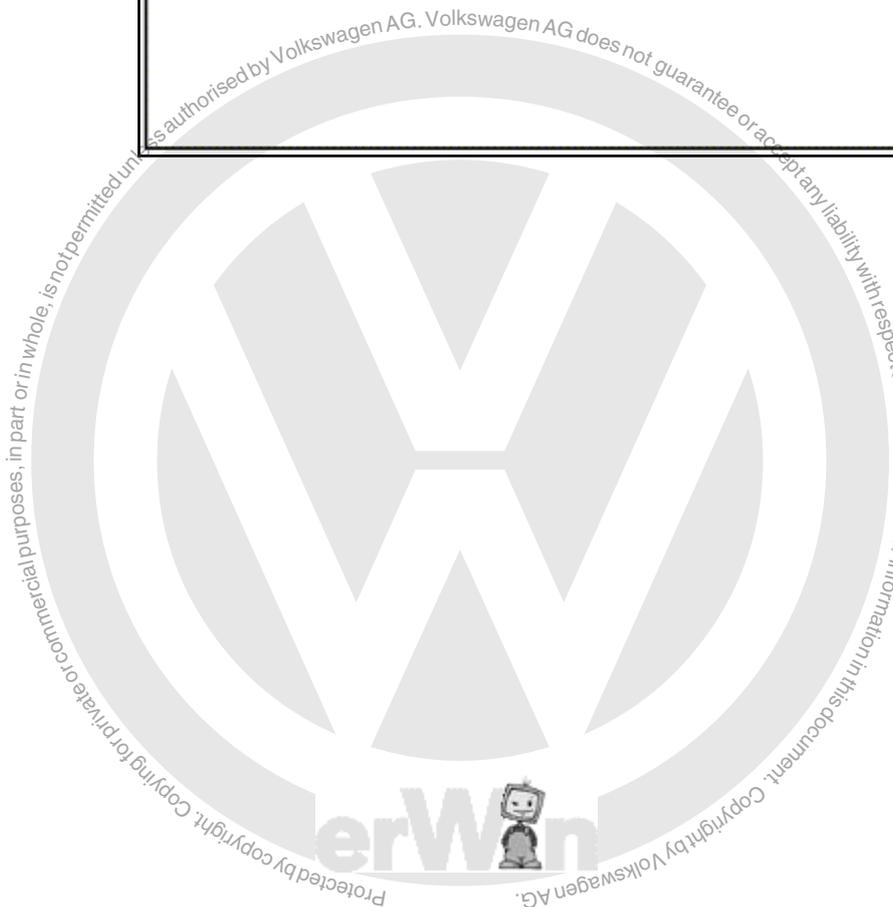
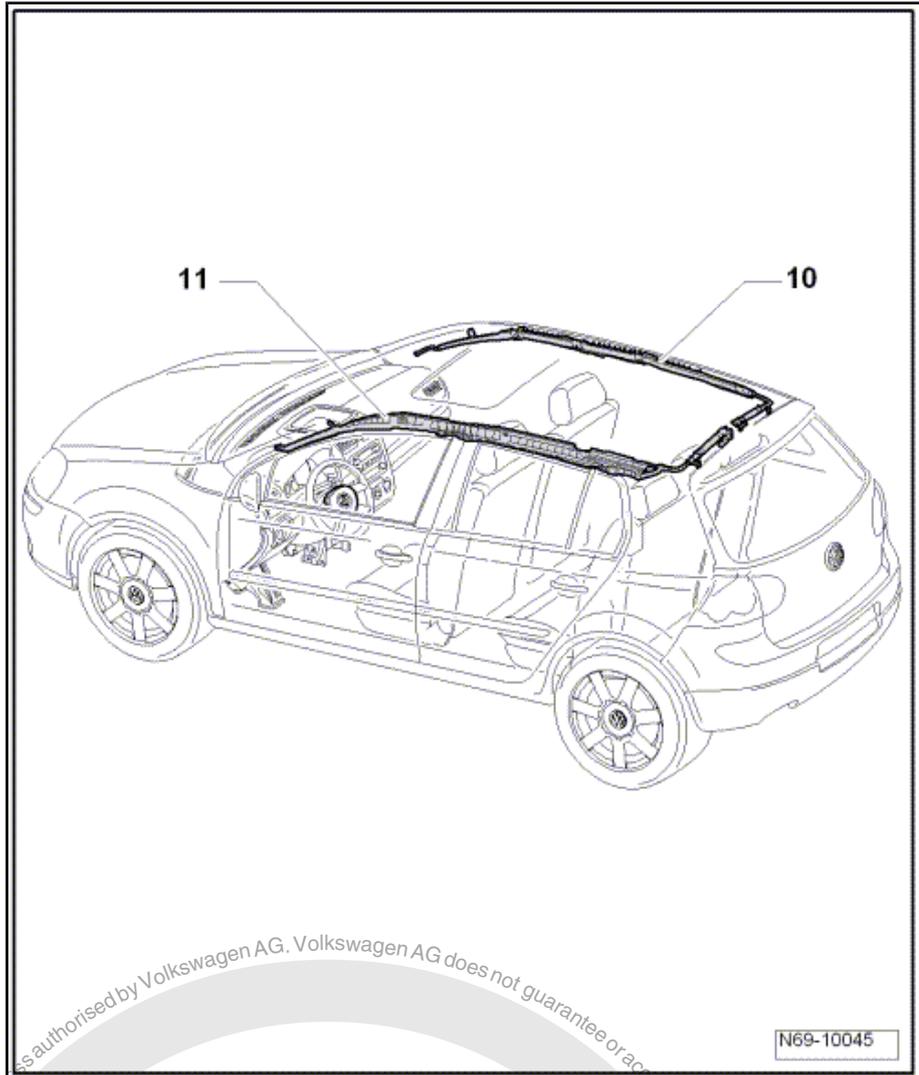


10 - Curtain airbag, front passenger side

- ❑ Removing ⇒ [page 142](#)

11 - Curtain airbag, driver side

- ❑ Removing ⇒ [page 142](#)





4.2 General safety regulations when working on airbag, belt tensioner and battery isolator units (pyrotechnic components)



WARNING

- ◆ *Pyrotechnic components always contain a propellant that generates a gas during combustion. On some versions, a separate compressed gas reservoir is available to generate the gas.*
- ◆ *This compressed gas is stored under high pressure in a compressed gas tank.*
- ◆ *Ignition of the pyrotechnic components is by means of an electric/mechanical igniter.*
- ◆ *Testing, removing, installing and repair work may only be performed by qualified personnel.*
- ◆ *For airbag units, there are no exchange intervals.*
- ◆ *Under no circumstances should checks be carried out with a test lamp, voltmeter or ohmmeter.*
- ◆ *Pyrotechnic components may only be checked in installed state and with vehicle diagnosis, testing and information systems approved by the manufacturer.*
- ◆ *When working on pyrotechnic components and airbag control unit -J234-, the battery earth strap must be disconnected with the ignition switched on. Then cover negative terminal.*
- ◆ *A waiting time of 10 seconds is necessary after disconnecting the battery.*
- ◆ *The battery must be connected with the ignition SWITCHED ON. When doing this, there should be no-one inside the vehicle. Exception: Vehicles with battery inside passenger compartment. In this case do not stay anywhere near the effective range of the airbags and seat belts.*
- ◆ *Wash hands after coming into contact with triggered pyrotechnic components of restraint system.*
- ◆ *Pyrotechnic components must not be opened or repaired, always use new parts (risk of injury).*
- ◆ *Pyrotechnic components that have been dropped onto a hard surface or show signs of damage must not be installed in a vehicle.*
- ◆ *Before handling pyrotechnic components of the restraint system, for example before separating an electrical connection, the mechanic must electrostatically discharge himself/herself. Electrostatic discharge is achieved by touching earthed metallic parts, such as the door striker plate.*
- ◆ *Pyrotechnic components must be installed immediately after they have been removed from their packaging.*
- ◆ *If work is interrupted, the pyrotechnic component must be stored back in its packaging.*
- ◆ *Leaving the pyrotechnic component unattended is prohibited.*
- ◆ *Pyrotechnic components must not come into contact with grease, cleaning solution or similar.*
- ◆ *Pyrotechnic components must not be subjected to temperatures above 100 °C even for short periods.*



4.3 Special instructions for driver and front passenger airbag



WARNING

- ◆ *Removed driver and front passenger airbag units must be stored with padded side upwards.*

4.4 Special instructions for curtain airbag modules



WARNING

- ◆ *Place removed curtain airbag modules in packaging or on a clean, flat surface on a cover.*
- ◆ *Folding is acceptable as long as no damage is caused (in particular to the protective sleeve).*
- ◆ *To prevent any potential damage during removal and installation, curtain airbags must be handled with extreme caution.*
- ◆ *Until the gas generator is screwed in place, always hold it firmly by hand when handling (transportation, removal and installation, etc.).*

4.5 Storage, transportation and disposal of airbag, belt tensioner and battery isolator units (pyrotechnic components)



WARNING

- ◆ *Storage must comply with the relevant national legislation.*
- ◆ *Transportation is subject to national and international regulations that govern packaging, marking, labelling and freight documentation in detail.*
- ◆ *Untriggered pyrotechnic components must be disposed of correctly in the original packaging in accordance with national legislation. Contact your importer if in any doubt.*
- ◆ *Only completely ignited pyrotechnic components may be disposed of through the commercial waste system.*

4.6 Deactivating the airbag



WARNING

The prerequisites for deactivating one or more airbag units have been published in the "Technical Service Handbook".

In the "Technical service handbook", the "Process ID" or the "TPI number" for deactivation of the airbag units is "2000987".

ElsaWin

→ Technical Service Handbook





- Technical product information
- Vehicle electrics
- Function
- Passenger protection
- Deactivation of airbag units
- Systems

4.7 Renewing airbag units following an accident

4.7.1 Accident involving triggering of airbag

Following the renewal of airbag units or the airbag control unit, the labels (only tear-off strips) of the new components must be stuck onto the "Registry note 2 for Airbag Systems". For registration, the "Registry note 2 for Airbag Systems" must be sent on to the responsible distribution centre or importer.

The "Registry note 2 for Airbag Systems" can be printed out of the "Technical Service Handbook":

ElsaWin

- Technical Service Handbook
- Technical product information
- Vehicle electrics
- Function
- Passenger protection
- Deactivation of airbag units
- Systems

In the "Technical service handbook", the "Process ID" or the "TPI number" for this procedure is "2000987".

As a matter of rule, the following components will have to be renewed following an accident where the airbag has been triggered:

- ◆ All triggered airbag units.
- ◆ Supports and retainer for front passenger module if front passenger airbag was triggered.
- ◆ Coil connector with slip ring, when driver airbag has triggered.
- ◆ All seat belts with triggered belt tensioners.
- ◆ In addition, the following must also be replaced if necessary (visual check): all damaged components.

4.7.2 Accident not involving triggering of airbag

- ◆ If the airbag warning lamp (K 75) does not indicate a fault, it is not necessary to replace the airbag components. The seat belts should be checked separately.



4.8 Removing and installing airbag control unit -J234-



WARNING

When working on airbag control unit -J234-, observe the general safety regulations for work on airbag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ [page 90](#) .

4.8.1 Removing

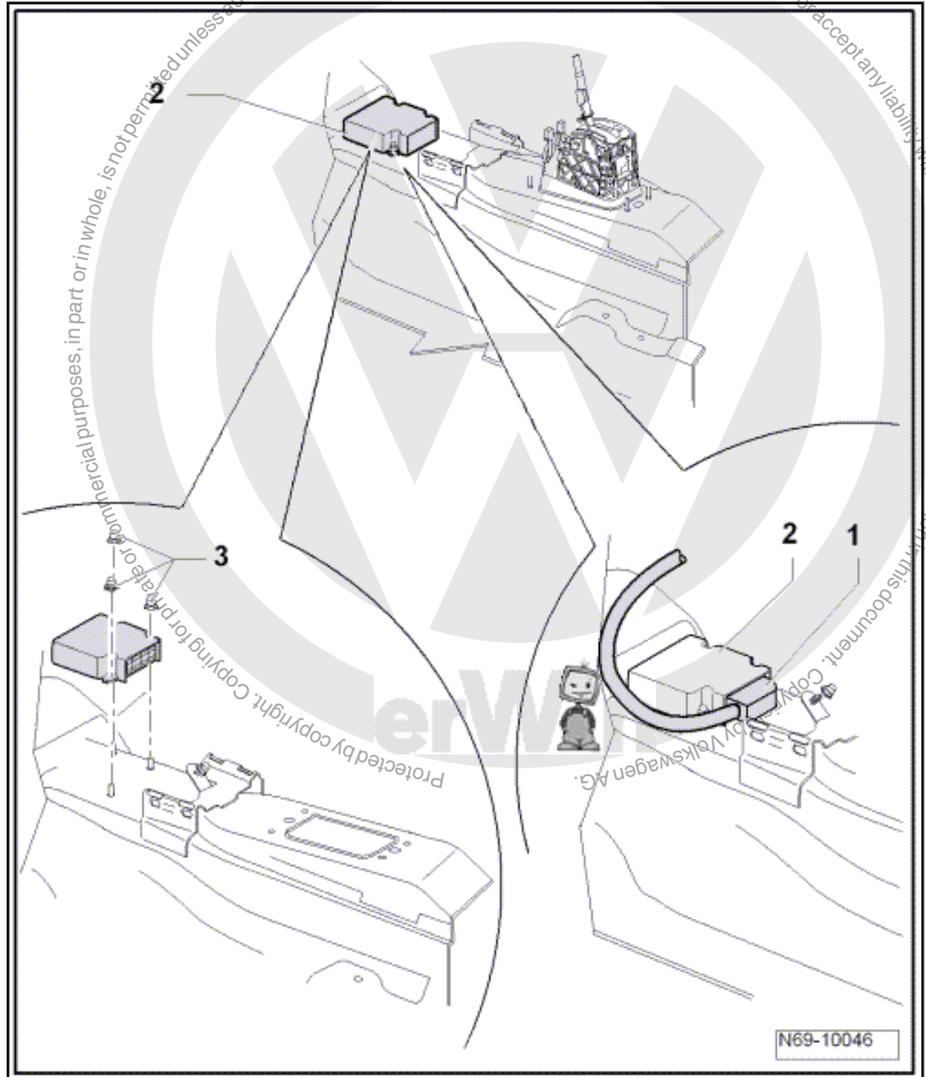
- Disconnect vehicle battery ⇒ Rep. Gr. 27 .
- Remove left and right footwell trim from centre console, (other parts of centre console need not be removed):
 - ◆ Base version ⇒ [page 6](#)
 - ◆ Highline version ⇒ [page 15](#)



Note

For greater clarity, centre console is not shown in figure.

- Operate release lever of connector -1- and separate wiring harness from control unit -2-.
- Remove the three nuts -3- (9 Nm).
- Remove control unit from vehicle.



4.8.2 Installing

- Installation is carried out in reverse order of removal.
- Switch ignition on.



WARNING

Ensure that nobody is in the vehicle.

- Reconnect vehicle battery ⇒ Rep. Gr. 27 .
- If control unit was renewed, it must be coded. Adapting components (coding) ⇒ [page 153](#) .



4.9 Removing and installing driver side airbag unit (Golf 2004 ▶)



Note

- ◆ *Removal and installation of the airbag unit is described for the multi-function steering wheel.*
- ◆ *The screwdriver mentioned in the following activities should be about 175 mm long and have a blade width of about 7 mm.*

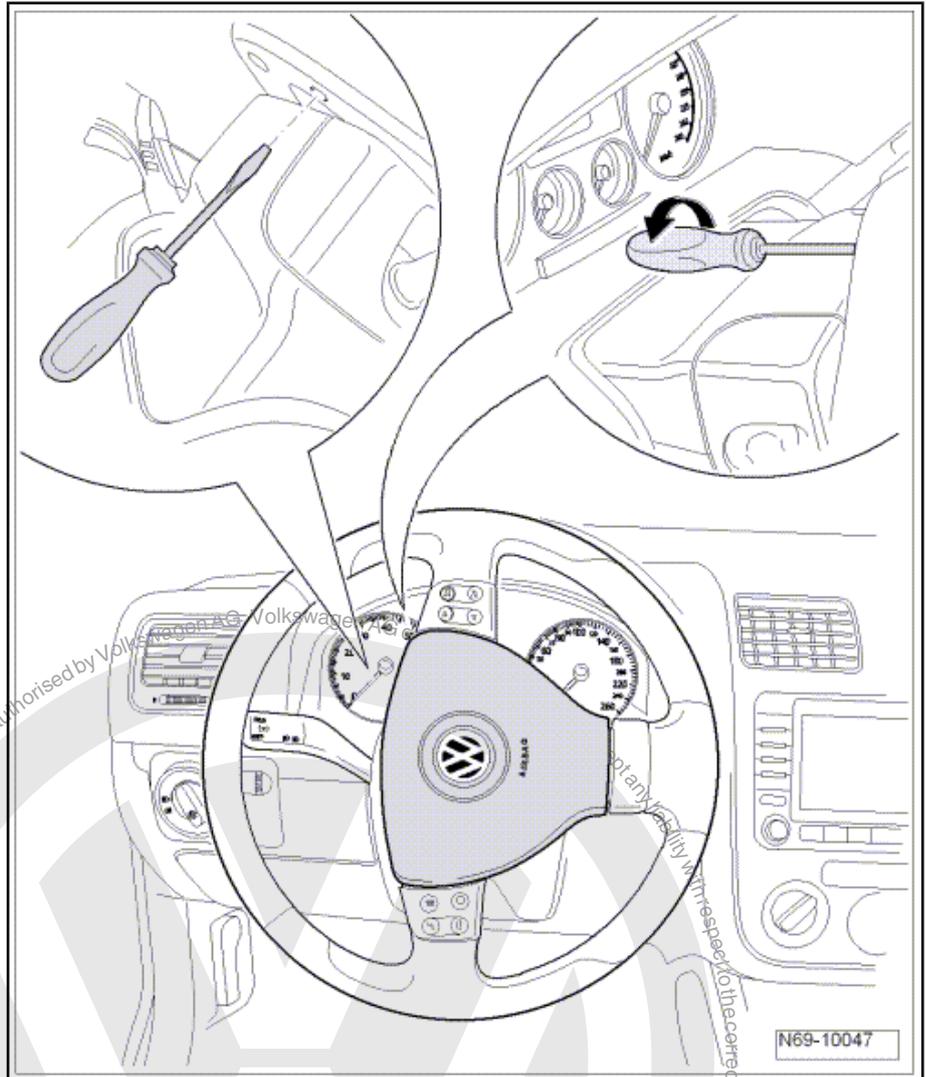
4.9.1 Removing



WARNING

- ◆ **Observe the general safety regulations when working on airbag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ [page 90](#)**
- ◆ **Observe the special instructions for driver and front passenger airbags ⇒ [page 116](#).**

- Disconnect vehicle battery ⇒ Rep. Gr. 27 .
- Move steering wheel to highest position.
- Extend steering wheel as far as possible into passenger compartment.
- Turn steering wheel to position in illustration.
- Insert a screwdriver into hole in back of steering wheel to stop (approx. 8 mm).
- Turn screwdriver towards driver's door -arrow-. This releases airbag unit fastener on right side of steering wheel.
- Turn steering wheel 180° and release airbag unit fastener on left side of steering wheel as described.
- Turn steering wheel back through 90° to middle position.
- Remove airbag unit from steering wheel.



WARNING

Electrostatic discharges may result in unintentional triggering of airbag. Therefore, the mechanic must electrostatically discharge him/herself before disconnecting the igniter and earth wires. This can be done by briefly touching the body or striker plate of the door.

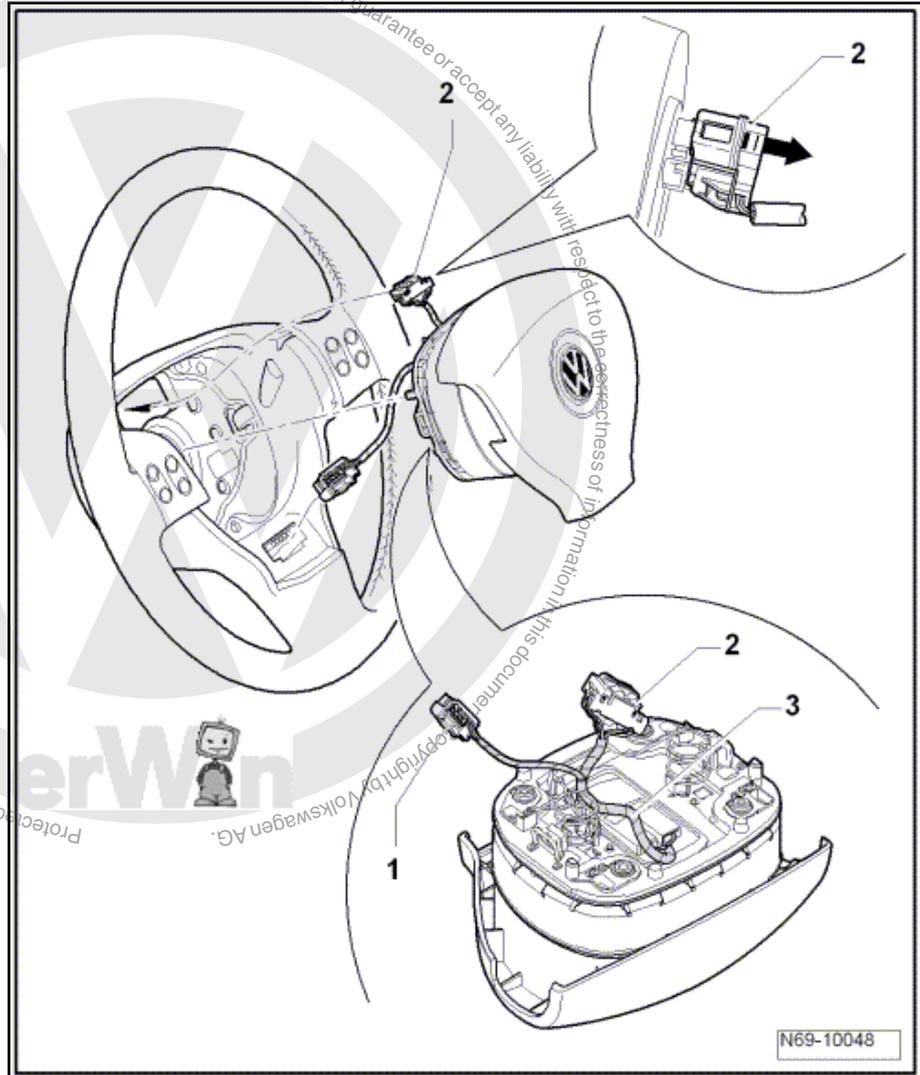
- Operate connector locking device and pull connector -1- off.



Note

This connector is only installed on vehicles with a multi-function steering wheel.

- Operate connector locking device -in direction of arrow- and pull airbag connector -2- off.

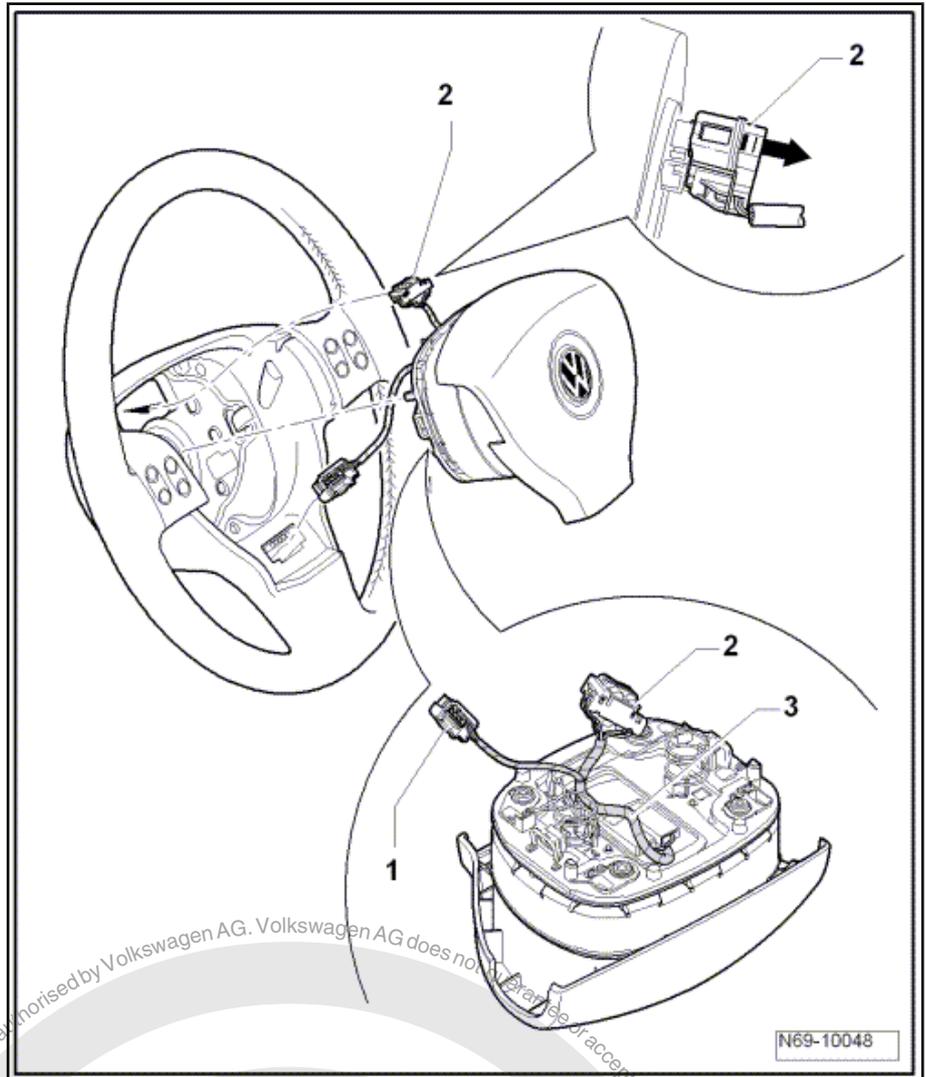


4.9.2 Installing

- Check that wiring harness -3- is routed as shown in figure.
- Insert airbag connector -2- into connector coupling. The airbag connector must audibly engage.
- Insert connector -1- into connector coupling.
- Press airbag unit into steering wheel.



- Check that airbag unit is engaged on left and right sides in steering wheel.



- Switch ignition on.



WARNING

Ensure that nobody is in the vehicle.

- Reconnect vehicle battery ⇒ Rep. Gr. 27 .

4.10 Removing and installing driver side airbag unit (Golf 2009 ▶)



Note

- ◆ *Removal and installation of the airbag unit is described for the multi-function steering wheel.*
- ◆ *The screwdriver mentioned in the following activities should be about 175 mm long and have a blade width of about 7 mm.*



Removing



WARNING

- ◆ **Observe the general safety regulations when working on airbag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ page 90**
- ◆ **Observe the special instructions for driver and front passenger airbags ⇒ page 116.**

- Disconnect vehicle battery ⇒ Electrical system; Rep. Gr. 27 ; Disconnecting and reconnecting battery .
- Move steering wheel to lowest position.
- Extend steering wheel as far as possible into passenger compartment.
- Turn steering wheel to position in illustration.
- Insert a screwdriver into hole in back of steering wheel to stop (approx. 8 mm).
- Turn screwdriver towards driver's door -arrow-. This releases airbag unit fastener on right side of steering wheel.



Note

When a multifunction steering wheel is not fitted, once fasteners have been operated pull upper edge of airbag out of steering wheel.

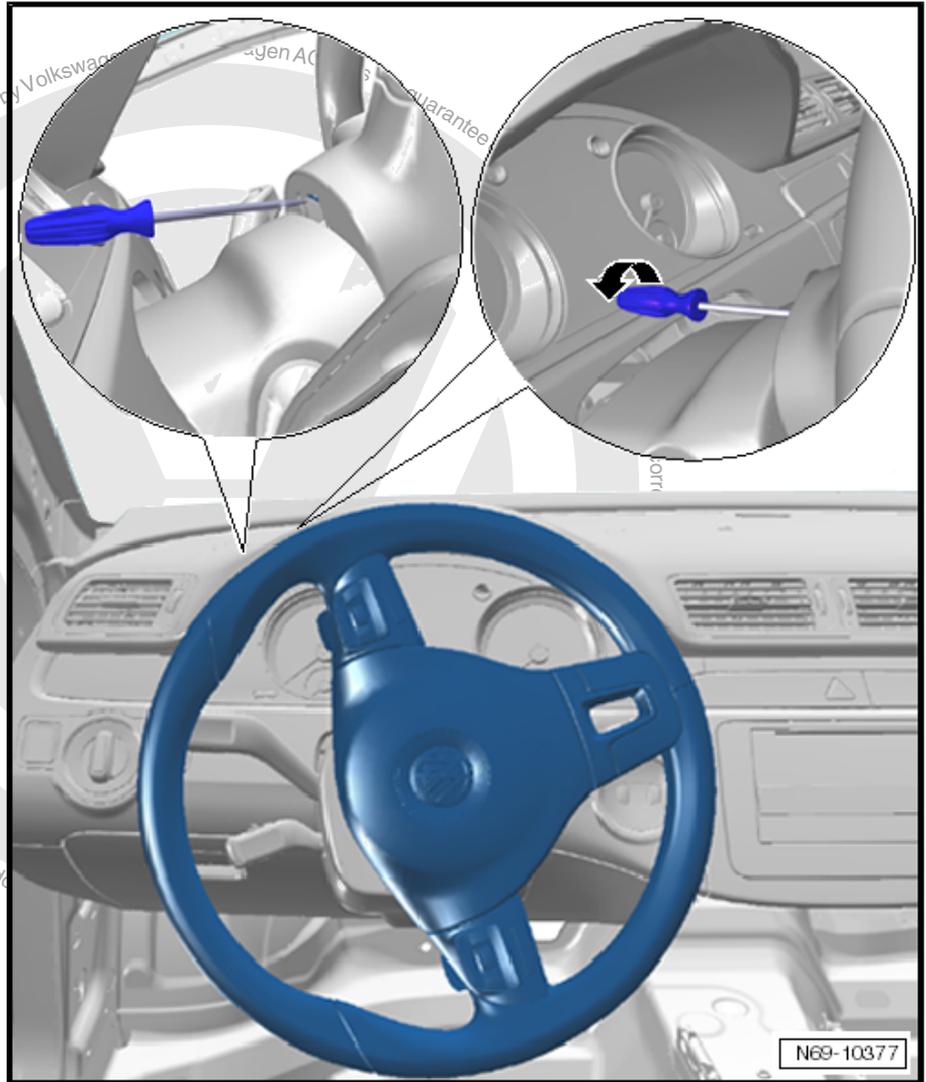
- Turn steering wheel 180° and release airbag unit fastener on left side of steering wheel as described.



Note

When a multifunction steering wheel is not fitted, once fasteners have been operated pull upper edge of airbag out of steering wheel.

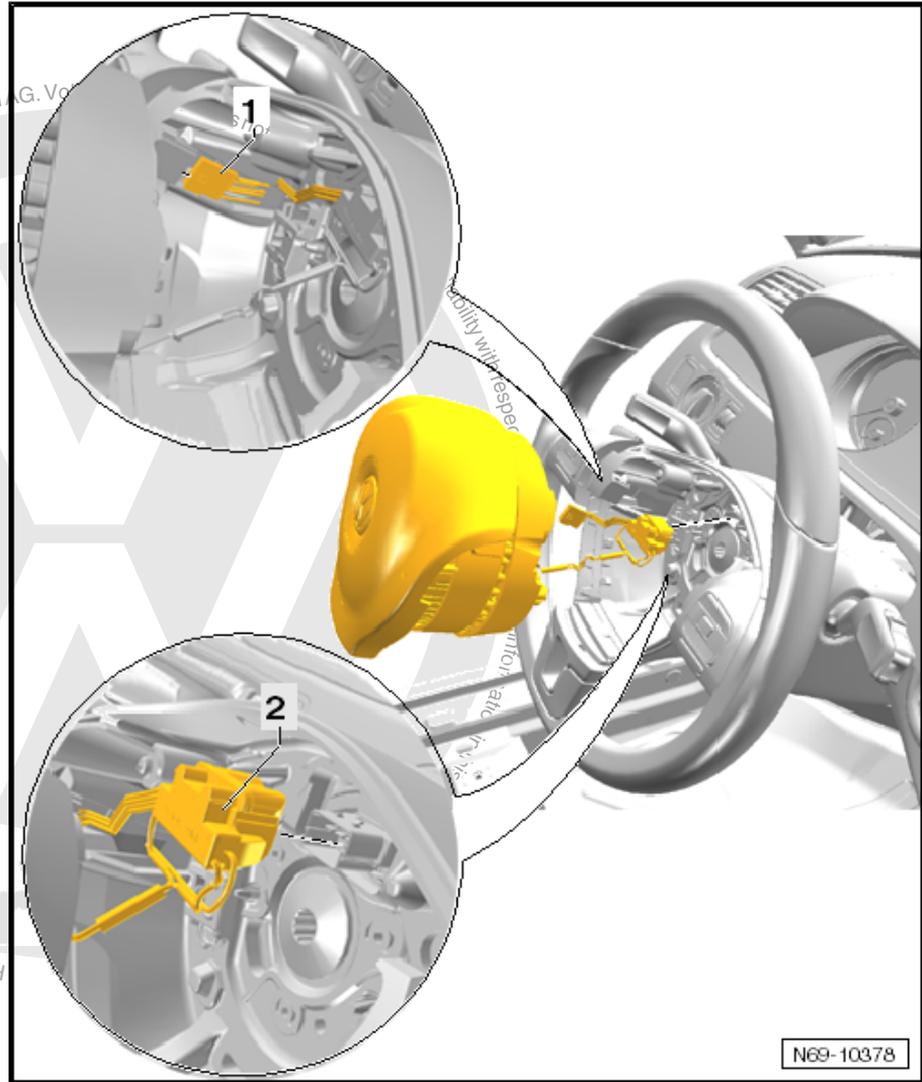
- Turn steering wheel back through 90° to middle position.
- Remove airbag unit from steering wheel.



WARNING

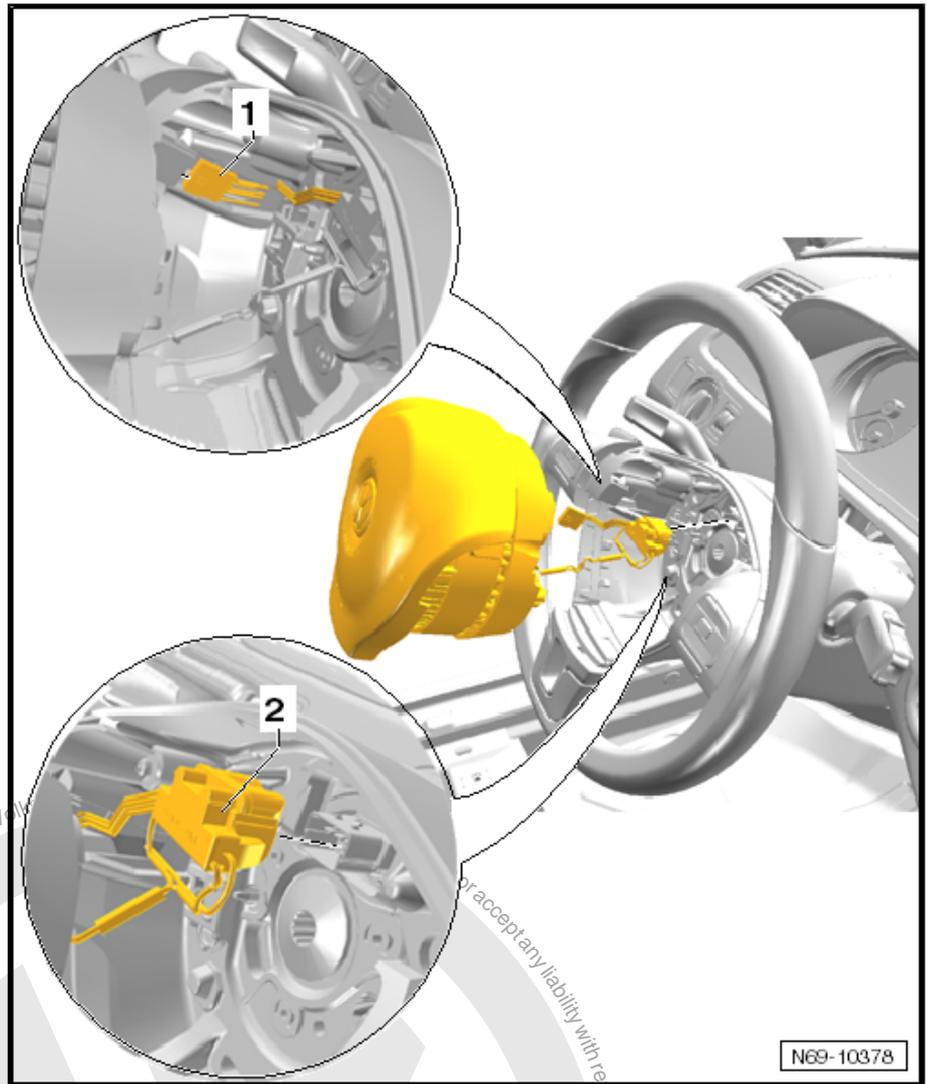
Electrostatic discharges may result in unintentional triggering of airbag. Therefore, the mechanic must electrostatically discharge him/herself before disconnecting the igniter and earth wires. This can be done by briefly touching the body or striker plate of the door.

- Release connector locking device and pull off airbag connector -2-.
- Operate connector locking device and pull connector -1- off. This procedure is only necessary on multifunction steering wheels.



Installing

- Insert airbag connector -2- into connector coupling. The airbag connector must audibly engage.
- Insert connector -1- into connector coupling. This procedure is only necessary on multifunction steering wheels.
- Press airbag unit into steering wheel.
- Check that airbag unit is engaged on left and right sides in steering wheel.



- Switch ignition on.



WARNING

Ensure that nobody is in the vehicle.

- Reconnect vehicle battery ⇒ Electrical system; Rep. Gr. 27 ;
Disconnecting and reconnecting battery .

4.11 Removing and installing airbag coil connector and return spring with slip ring - F138-

By virtue of its design, the airbag coil connector and return spring with slip ring is part of the steering column switch.

⇒ Electrical system; Rep. Gr. 94 ; Steering column switch .

4.12 Removing and installing key operated switch to deactivate front passenger airbag -E224-

Removal and installation is described in repair group 96.



⇒ Electrical system; Rep. Gr. 96

4.13 Removing and installing knee airbag (Golf 2009 ▶)



Note

Knee airbag is installed above pedal cluster.

Removing



WARNING

Observe the general safety regulations when working on airbag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ [page 90](#)

- Switch ignition on.
- Disconnect vehicle battery ⇒ Electrical system; Rep. Gr. 27 ; Disconnecting and reconnecting battery .



WARNING

Electrostatic discharges may result in unintentional triggering of airbag. Therefore, the mechanic must electrostatically discharge him/herself before disconnecting the igniter and earth wires. This can be done by briefly touching the body or striker plate of the door.

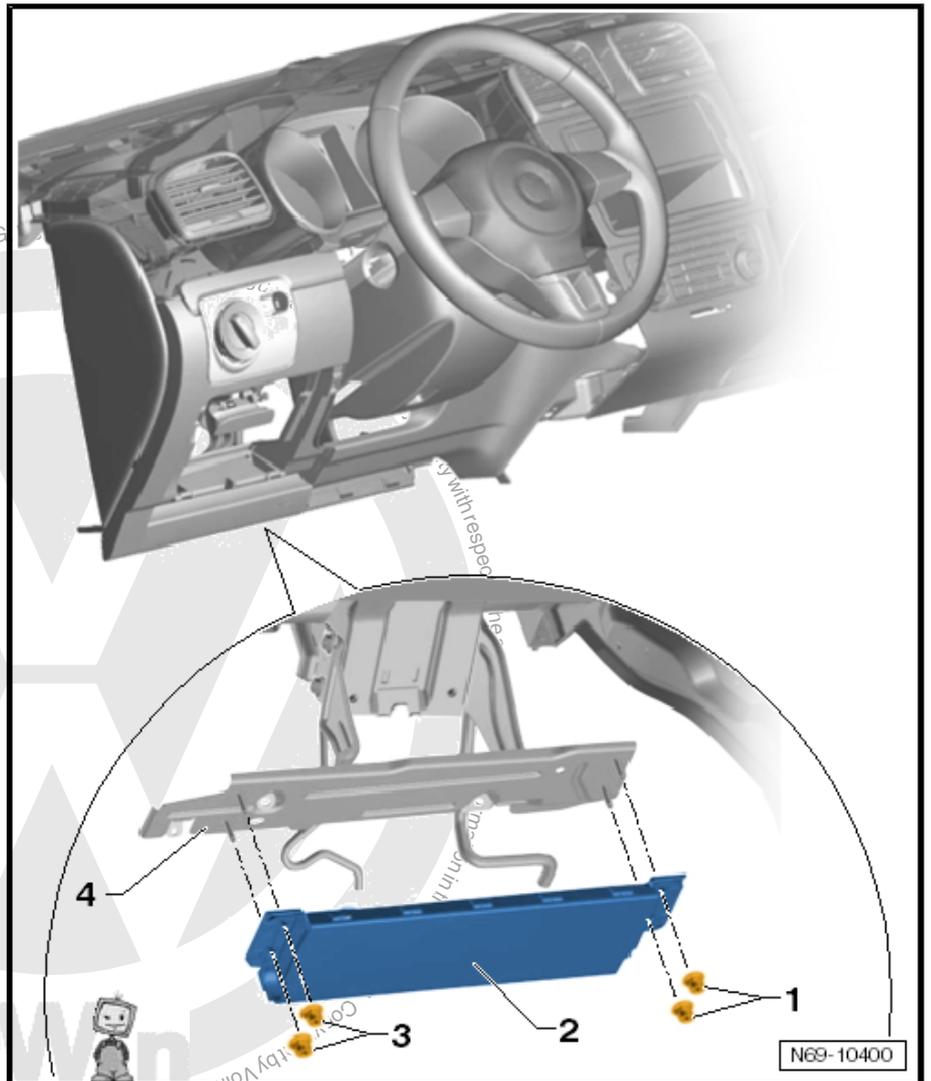
- Disconnect wiring connector from knee airbag.



Note

The connector is located on the tunnel side (in the direction of normal travel).

- Remove two nuts each -1- and -3- (9 Nm).
- Remove knee airbag -2- from bracket -4-



Installing

- Install in reverse order of removal.



WARNING

Ensure airbag connector engages audibly.

- Switch ignition on.



WARNING

Ensure that nobody is in the vehicle.

- Reconnect vehicle battery ⇒ Electrical system; Rep. Gr. 27 ;
Disconnecting and reconnecting battery .



4.14 Removing and installing knee airbag bracket (Golf 2009 ▶) LHD models

Removing



WARNING

Observe the general safety regulations when working on airbag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ [page 90](#)

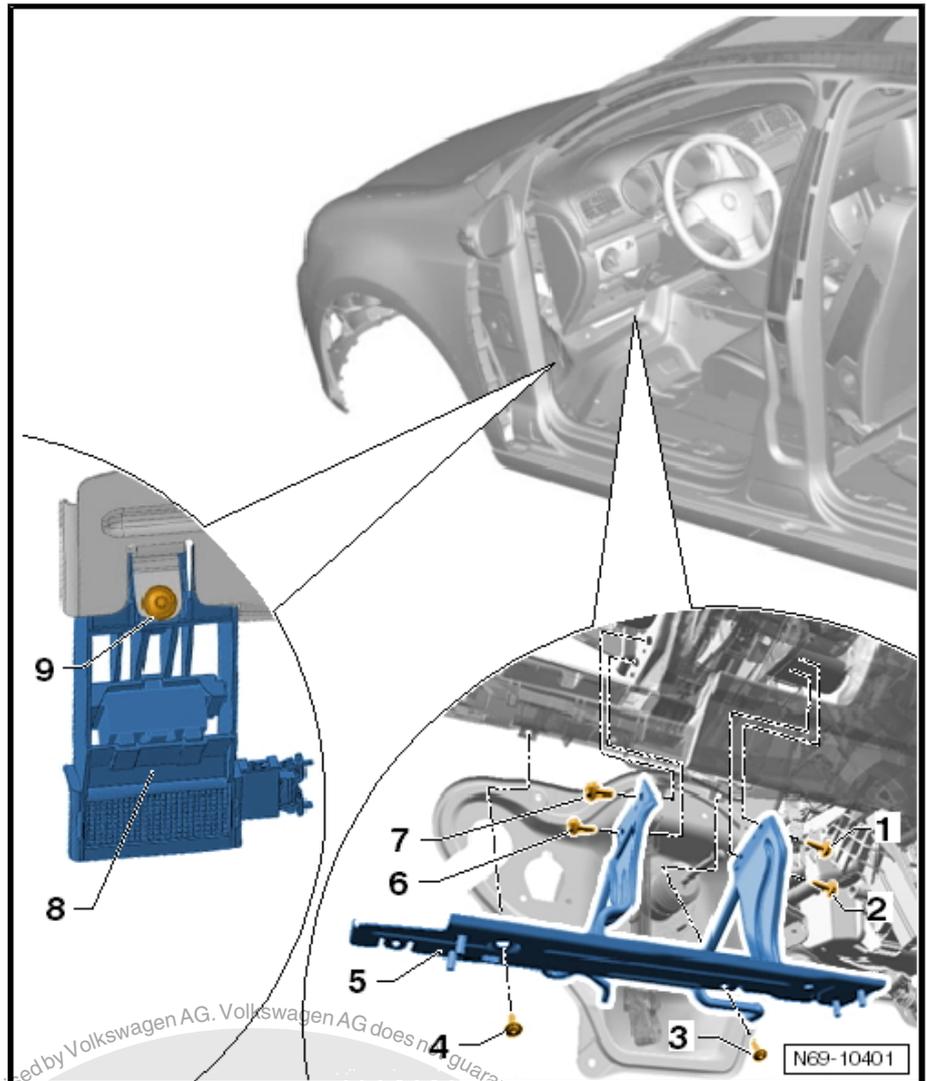
- Switch ignition on.
- Disconnect vehicle battery ⇒ Electrical system; Rep. Gr. 27 ; Disconnecting and reconnecting battery .
- Remove knee airbag (Golf 2009 ▶) ⇒ [page 128](#)
- Remove dash panel end trim on driver side ⇒ [page 60](#) .
- Press light switch forwards, turn it to the right (until it is vertical), then pull it out and disconnect wiring harness.
- Release steering column gap cover from dash panel ⇒ [page 61](#) . There is no need to remove the complete steering column trim.
- Remove dash panel insert ⇒ Electrical system; Rep. Gr. 90 ; Renewing dash panel insert . No need to disconnect wiring harness.
- Remove left trim on driver side ⇒ [page 62](#) .
- Remove dash panel middle trim (Golf 2009 ▶) ⇒ [page 59](#)
- Remove air conditioner controls unit / heater controls unit trim (Golf 2009 ▶) ⇒ [page 59](#)
- Remove centre cover (Golf 2009 ▶) ⇒ [page 68](#)

Vehicles with automatic gearbox

- Loosen gearstick boot from cover ⇒ Rep. Gr. 37 .

Vehicles with manual or dual clutch gearbox

- Loosen gearstick boot from cover ⇒ Rep. Gr. 34 .
- Remove storage compartment or ashtray unit (Golf 2009 ▶) ⇒ [page 48](#)
- Remove centre console cover (no need to dismantle centre console completely):
 - ◆ Basic version ⇒ [page 10](#)
 - ◆ Highline version ⇒ [page 24](#)
- Remove right trim on driver side ⇒ [page 64](#) .
- Remove footwell vent on driver side ⇒ Heater, air conditioning system; Rep. Gr. 80 ; Repairing heater, passenger compartment; Removing and installing vents; Removing footwell vent on driver side .
- Remove screw -9- (1.5 Nm) and bracket -8-.
- Remove bolts -3- and -4- (1.5 Nm).
- Remove bolts -1-, -2-, -6- and -7- and remove bracket -5-.



Installing



WARNING

If a knee airbag bracket is renewed, the paint in the area of the threaded stud and on the contact surfaces of the cross member must be removed. This is absolutely essential to ensure an effective earth connection.

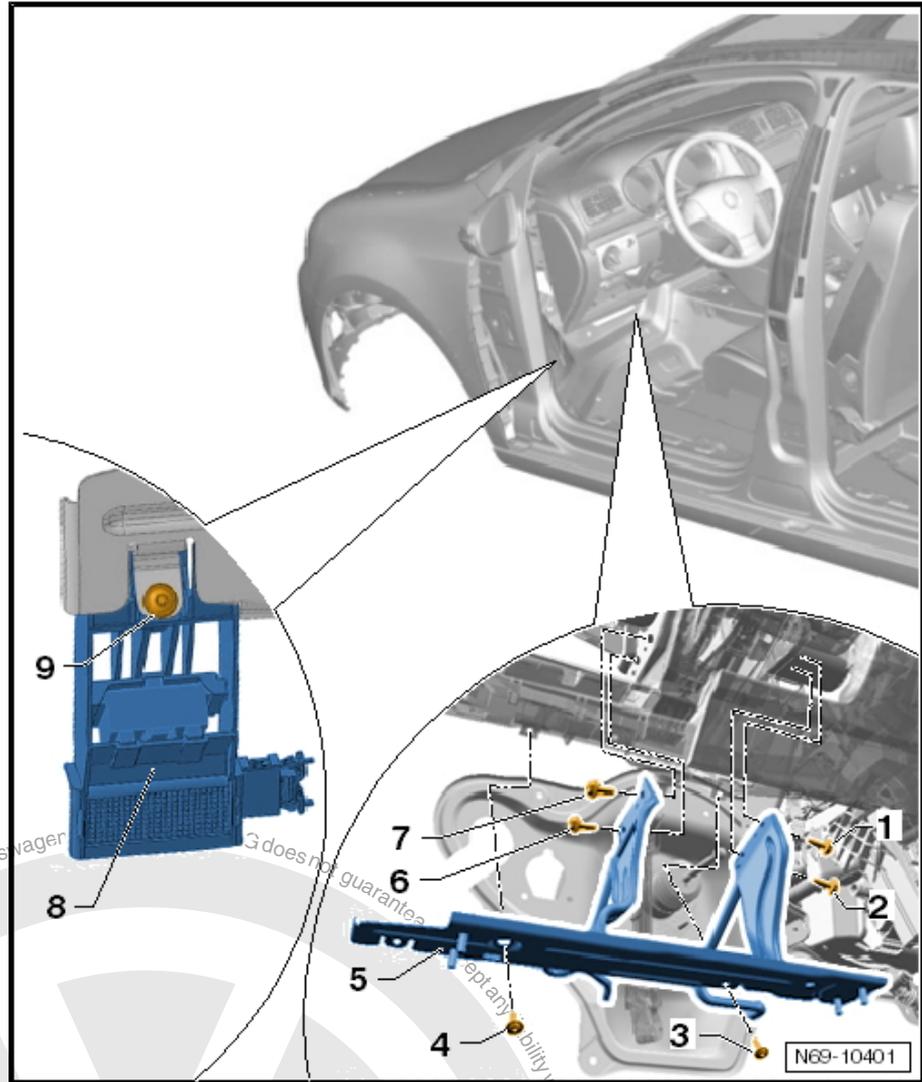


Caution

Adhere to bolting sequence -2-, -6-, -1- and -7- to assure correct installation.

- Secure knee airbag bracket with bolts -2-, -6-, -1- and -7- (9 Nm).
- Further installation is performed in the reverse order of removal.



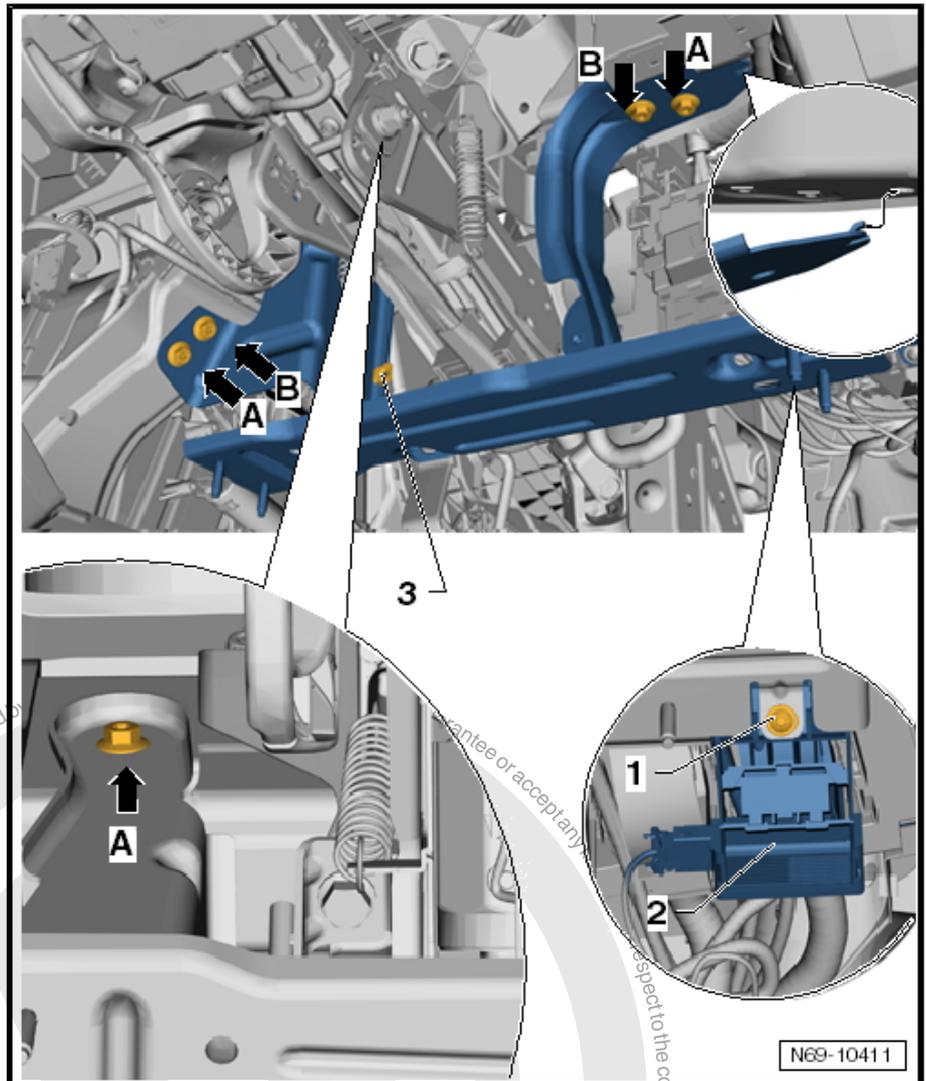


4.15 Removing and installing knee airbag bracket (Golf 2009 ▶) RHD models

Removing

- Disconnect vehicle battery ⇒ Electrical system; Rep. Gr. 27 ; Disconnecting and reconnecting battery .
- Remove dash panel ⇒ [page 183](#) .
- Remove footwell vent on driver side ⇒ Heater, air conditioning system; Rep. Gr. 80 ; Repairing heater, passenger compartment; Removing and installing vents; Removing footwell vent on driver side .
- Remove screw -1- (1.5 Nm) and bracket -2-.
- Release wiring harness -3- from bracket.
- Unscrew bolts -arrows A- and -arrows B- and remove bracket.





Installing



WARNING

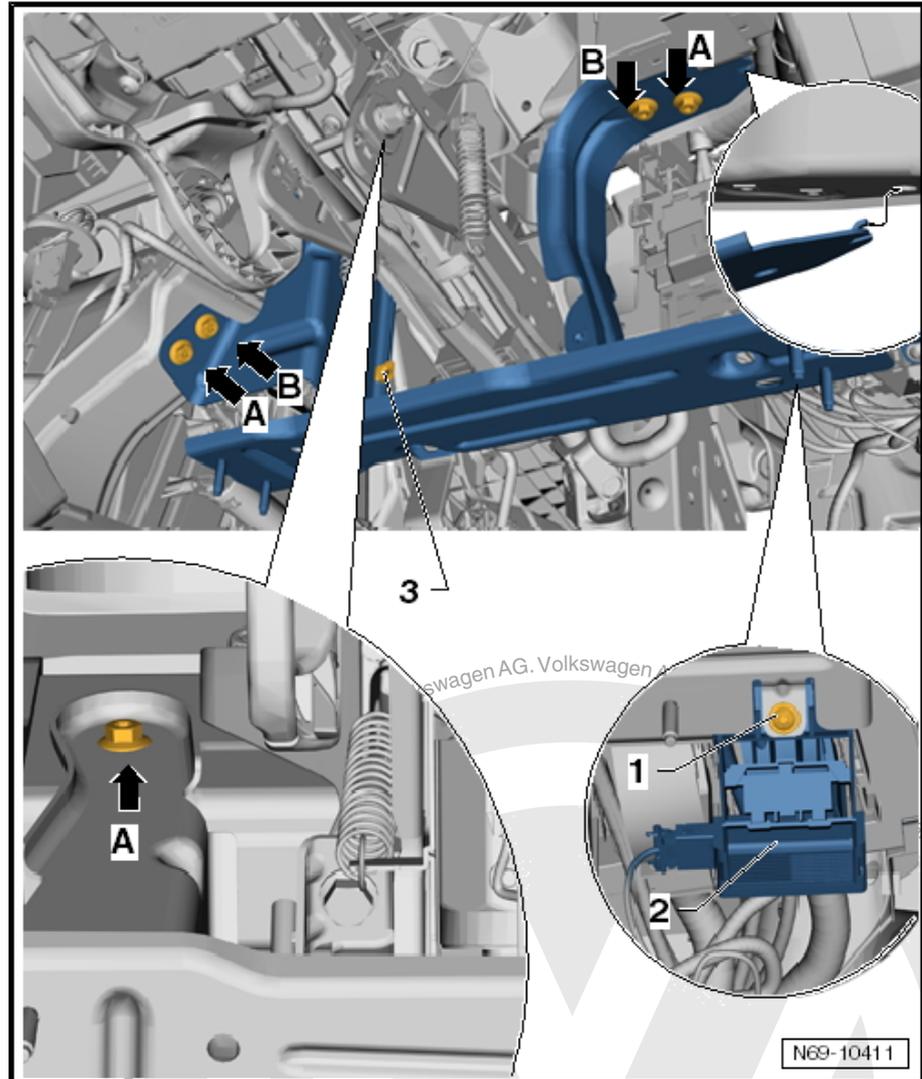
If a knee airbag bracket is renewed, the paint in the area of the threaded stud and on the contact surfaces of the cross member must be removed. This is absolutely essential to ensure an effective earth connection.



Caution

To ensure trouble-free installation, screw in the bolts in the order specified: -arrows A- and -arrows B-.

- Secure knee airbag bracket with bolts -arrows A- (9 Nm).
- Secure knee airbag bracket with bolts -arrows B- (9 Nm).
- Further installation is performed in reverse order of removal.



4.16 Removing and installing front passenger airbag unit

4.16.1 Removing



WARNING

- ◆ **Observe the general safety regulations when working on airbag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ [page 90](#)**
- ◆ **Observe the special instructions for driver and front passenger airbags ⇒ [page 116](#).**

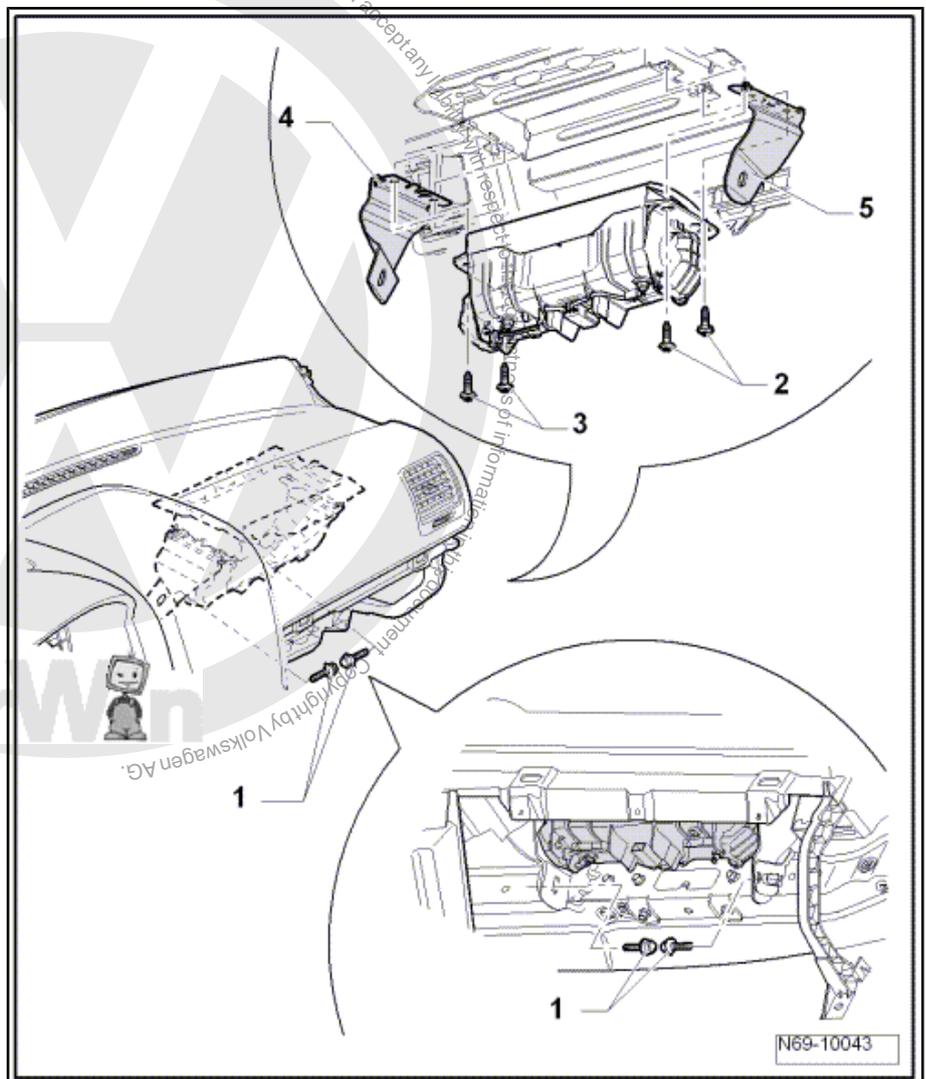
- Disconnect vehicle battery ⇒ Rep. Gr. 27 .
- Remove dash panel end trim ⇒ [page 60](#) .
- Remove centre cover ⇒ [page 68](#) .
- Remove glove compartment ⇒ [page 69](#) .



WARNING

Electrostatic discharges may result in unintentional triggering of airbag. Therefore, the mechanic must electrostatically discharge him/herself before disconnecting the igniter and earth wires. This can be done by briefly touching the body or striker plate of the door.

- Disconnect wiring harness from front passenger airbag.
- Remove the two bolts -1- (9 Nm).
- Remove the two bolts respectively -2- and -3- (9 Nm).
- Remove front passenger airbag and brackets -4- and -5- from mountings.



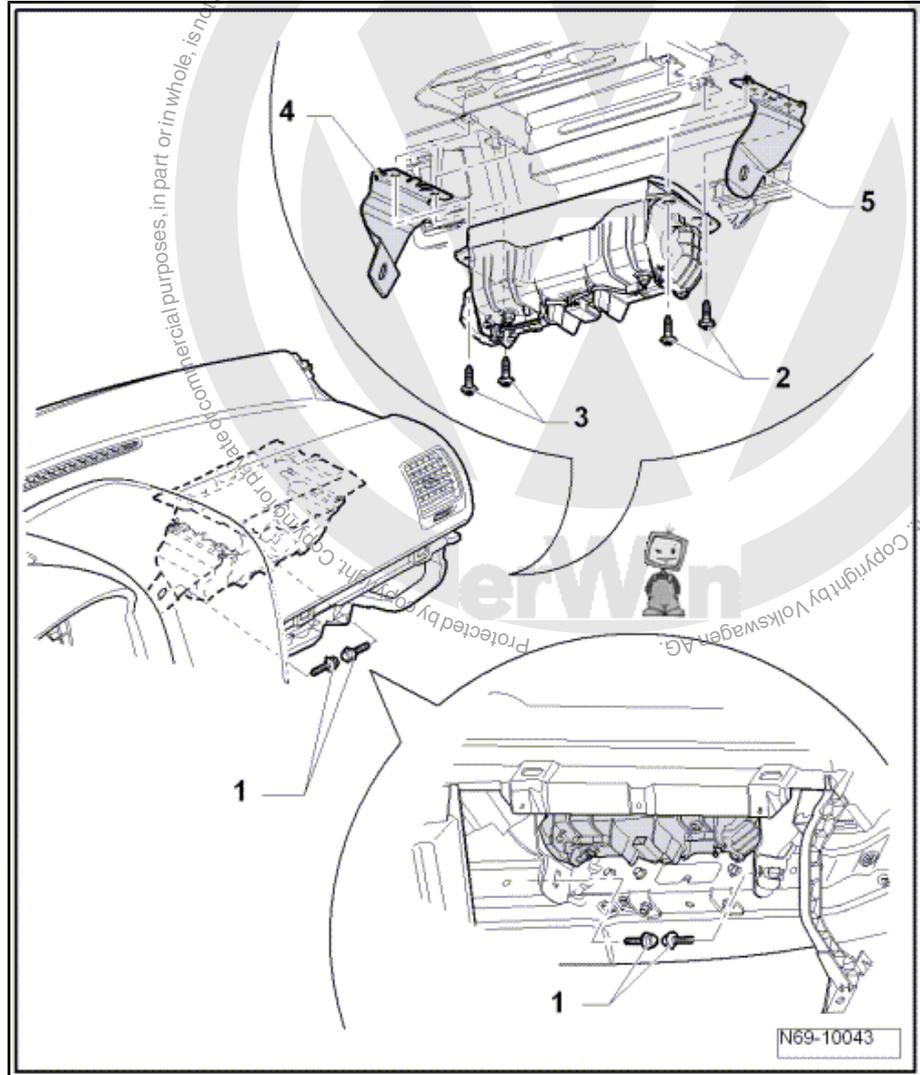
4.16.2 Installing

- Installation is carried out in reverse order of removal.



Note

If the airbag housing is made of plastic, the bolts -2- and -3- (9 Nm) must be secured using locking fluid D 197 300 A2.



Check whether an additional earth cable needs to be fitted in the vehicle:



WARNING

If a front passenger airbag is renewed, an additional earth cable may have to be fitted to the vehicle.

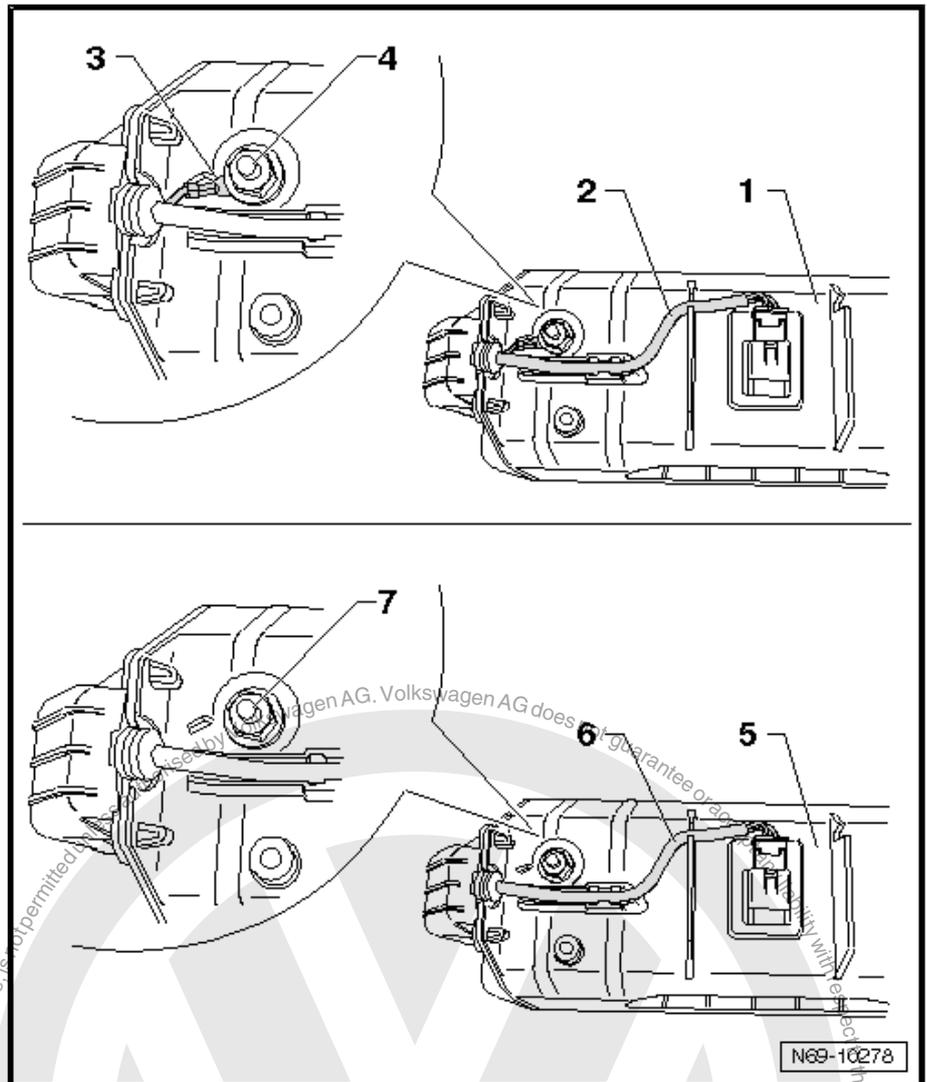


Note

The concept is presented using the example of a one-level airbag module. For the two-level airbag module, the process of determining whether an additional earth cable must be fitted in the vehicle is carried out at the same time.



- Check whether an earth cable is attached to the front passenger airbag housing:
 - ◆ On a front passenger airbag with earth cable -1-, the wiring harness -2- is three-conductor, an additional cable -3- is also attached to the stud -4-.
 - ◆ On a front passenger airbag without earth cable -5- the wiring harness -6- is two-conductor, there is no additional cable attached to the stud -7-.



Routing an additional earth wire in the vehicle if the front passenger airbag does not have an earth cable

i Note

For the following work use a cable (wire cross section 1 mm, length 600 mm) from the Wiring harness repair set -VAS 1978- or Wiring harness repair set -VAS 1978A- .

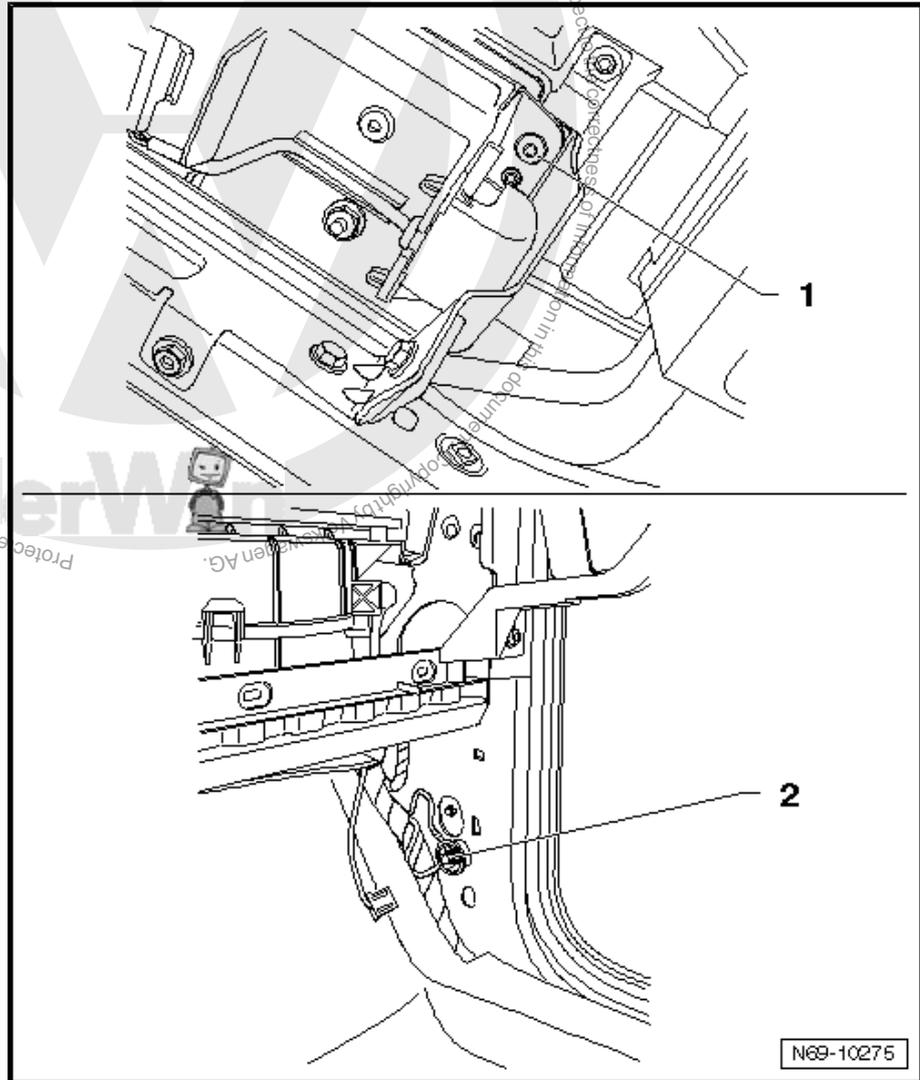
- Secure one end of the earth cable with the bolt -1- on the right hand side of the front passenger airbag.
- Fit the earth cable properly up to the right-hand side of the front passenger footwell.



Note

If needed, extend the earth cable with the appropriate materials from Wiring harness repair set -VAS 1978- or Wiring harness repair set -VAS 1978A- .

- Connect the other end of the earth cable to the earth bolt -2-.



- Switch ignition on.



WARNING

Ensure that nobody is in the vehicle.

- Reconnect vehicle battery ⇒ Rep. Gr. 27 .



4.17 Removing and installing driver and front passenger side airbag



Note

Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.

4.17.1 Removing



WARNING

Observe the general safety regulations when working on airbag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ [page 90](#)

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove right side trim on seat ⇒ [page 276](#) .

Vehicles with manually adjustable seat

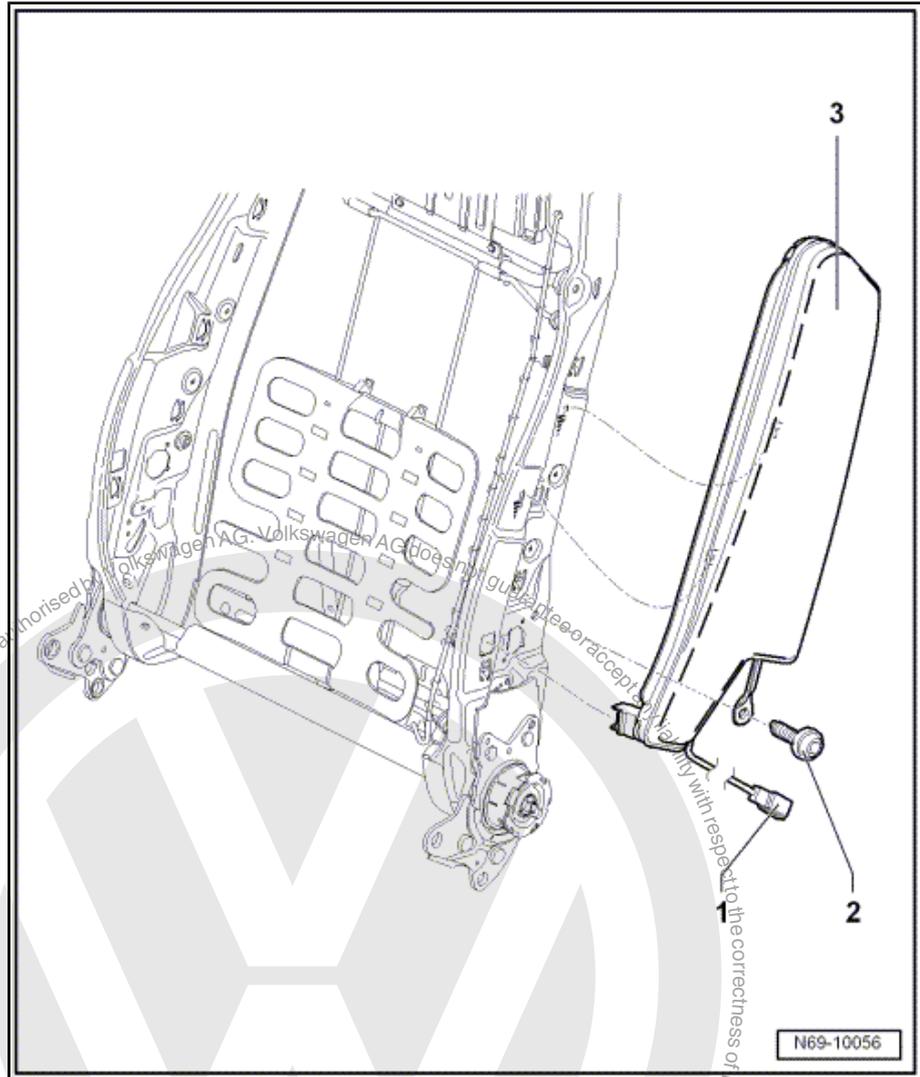
- Remove left side trim on seat ⇒ [page 263](#) .

Vehicles with electrically adjustable seat

- Remove left side trim on electrically adjustable seat ⇒ [page 267](#) .

All vehicles

- Remove front seat backrest ⇒ [page 281](#) .
- Remove cover and padding from front seat backrest ⇒ [page 315](#) .
- Disconnect wiring harness -1- from seat frame.
- Remove bolt -2- (9 Nm).
- Remove side airbag -3- from mounting in backrest frame.



4.17.2 Installing

- Install in reverse order of removal.
- Switch ignition on.



WARNING

Ensure that nobody is in the vehicle.



- Reconnect vehicle battery ⇒ Rep. Gr. 27 .

4.18 Removing and installing rear side airbag (4-door)



Note

*Removal and installation is described for the right vehicle side.
Follow same instructions for the left side as appropriate.*



4.18.1 Removing



WARNING

Observe the general safety regulations when working on air-bag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ [page 90](#)

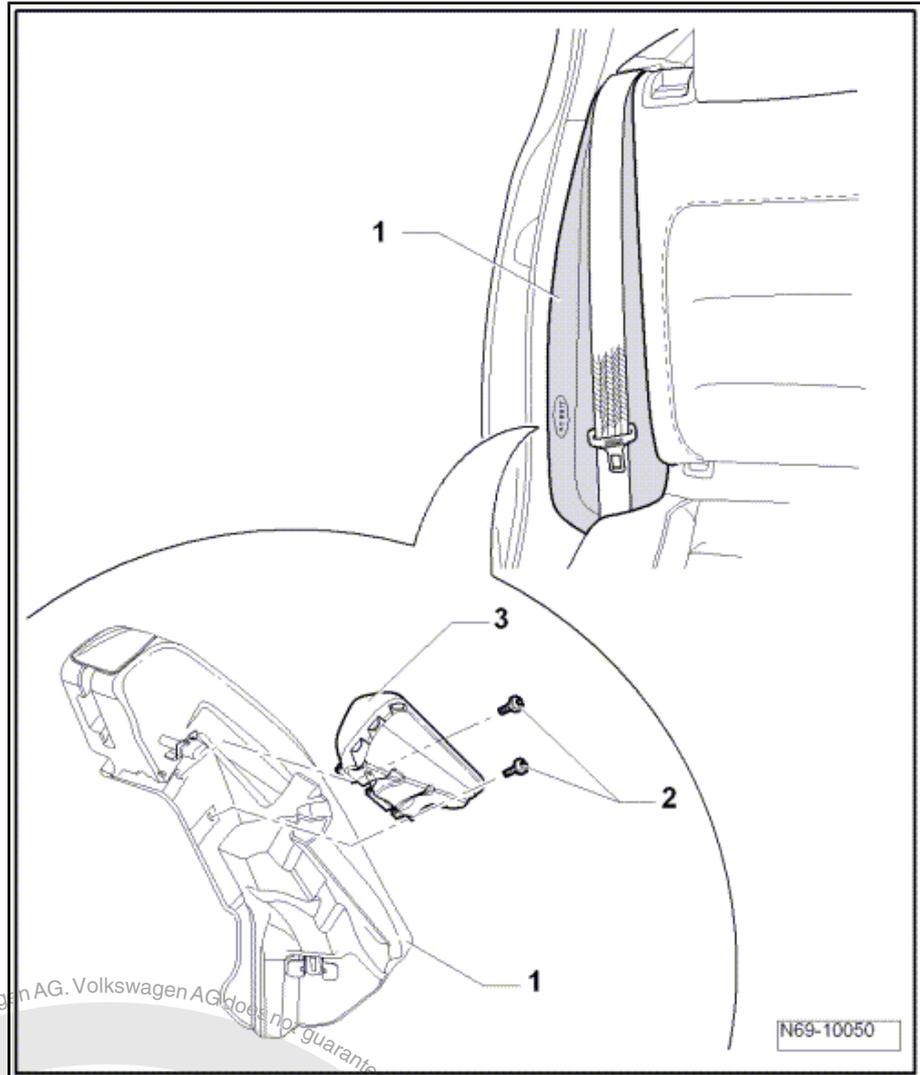
- Disconnect vehicle battery ⇒ Rep. Gr. 27 .
- Remove bench seat ⇒ [page 304](#) .
- Remove side padding with side airbag -1- (4-door)
⇒ [page 306](#) .
- Remove the two bolts -2- (9 Nm).



Note

- ◆ *The bolts are microencapsulated and must be renewed each time they are loosened.*
- ◆ *Before new bolts are installed, the threads of the corresponding holes must be cleaned.*
- Disconnect rear side airbag connector coupling -3- from mounting in side padding -1-.
- Remove rear side airbag -3- from side padding.





4.18.2 Installing

- Install in reverse order of removal.
- Switch ignition on.



WARNING

Ensure that nobody is in the vehicle.

- Reconnect vehicle battery ⇒ Rep. Gr. 27 .

4.19 Removing and installing curtain airbag on driver and passenger side



Note

- ◆ *Removal and installation is described for the right vehicle side. Follow same instructions for the left side as appropriate.*
- ◆ *Removal and installation is described for a 4-door vehicle. Removal and installation for 2-door vehicle is identical.*



4.19.1 Removing



WARNING

- ◆ *Observe the general safety regulations when working on airbag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ [page 90](#)*
- ◆ *Observe the special instructions for curtain airbag modules ⇒ [page 116](#).*

- Disconnect vehicle battery ⇒ Electrical system; Rep. Gr. 27 ; Disconnecting and reconnecting battery .
- Remove moulded headliner ⇒ [page 247](#) .



WARNING

Electrostatic discharges may result in unintentional triggering of airbag. Therefore, the mechanic must electrostatically discharge him/herself before disconnecting the igniter and earth wires. This can be done by briefly touching the body or striker plate of the door.

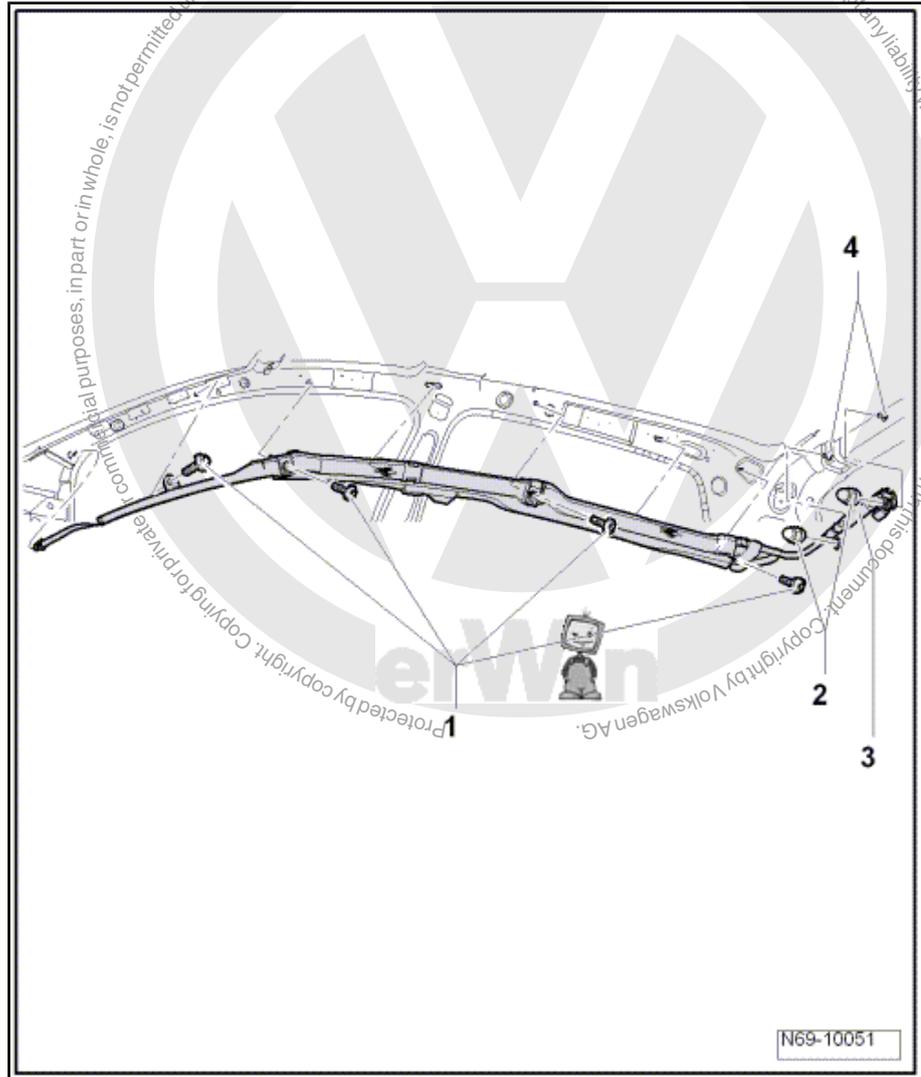
- Separate wiring harness from curtain airbag.
- Remove the four bolts -1- (4.5 Nm).



Note

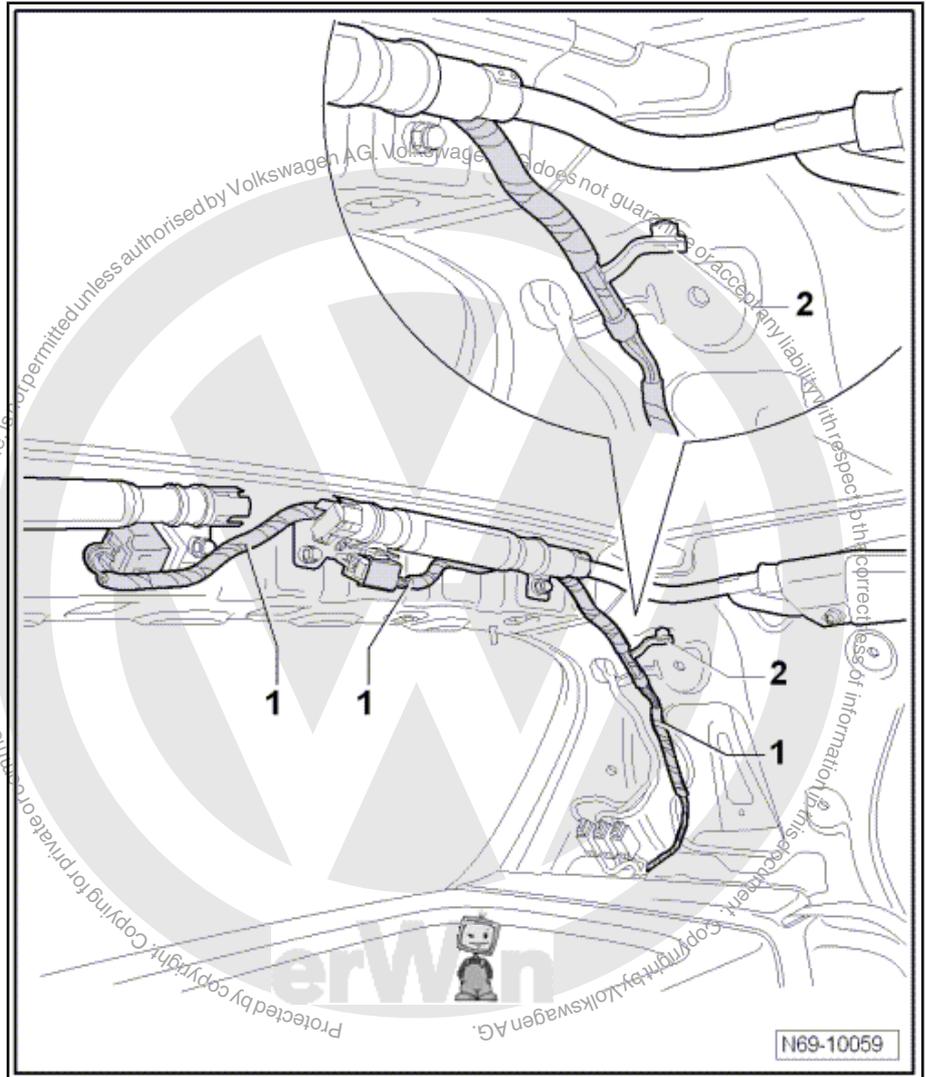
The four bolts -1- must be renewed.

- Remove the two cap nuts -2- (9 Nm).
- Separate all curtain airbag fastenings from body.
- Pull gas generator -3- off studs -4- on body.
- Remove curtain airbag from vehicle through rear lid.



4.19.2 Installing

- Installation is carried out in reverse order of removal.
- After completing work on curtain airbag, check that wiring harness -1- is routed as shown in figure.
- Wiring harness -1- must be secured by cable guide -2- in area of C-pillar.



- Switch ignition on.



WARNING

Ensure that nobody is in the vehicle.

- Reconnect vehicle battery ⇒ Rep. Gr. 27 .

4.20 Removing and installing curtain airbag on driver and passenger side (Golf 2009 >)



Note

*Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.*



Removing



WARNING

- ◆ *Observe the general safety regulations when working on airbag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ [page 90](#)*
- ◆ *Observe the special instructions for curtain airbag modules ⇒ [page 116](#).*

- Disconnect vehicle battery ⇒ Electrical system; Rep. Gr. 27 ; Disconnecting and reconnecting battery .
- Remove moulded headliner ⇒ [page 247](#) .
- Position straight O-ring pliers in openings of clip -1-, press pliers together and carefully release clip from opening in body.



Note

The clips are concealed by tabs. Before removing the clips, fold up the tabs.

- Release clips -2-, -3- and -4- from body as described.



WARNING

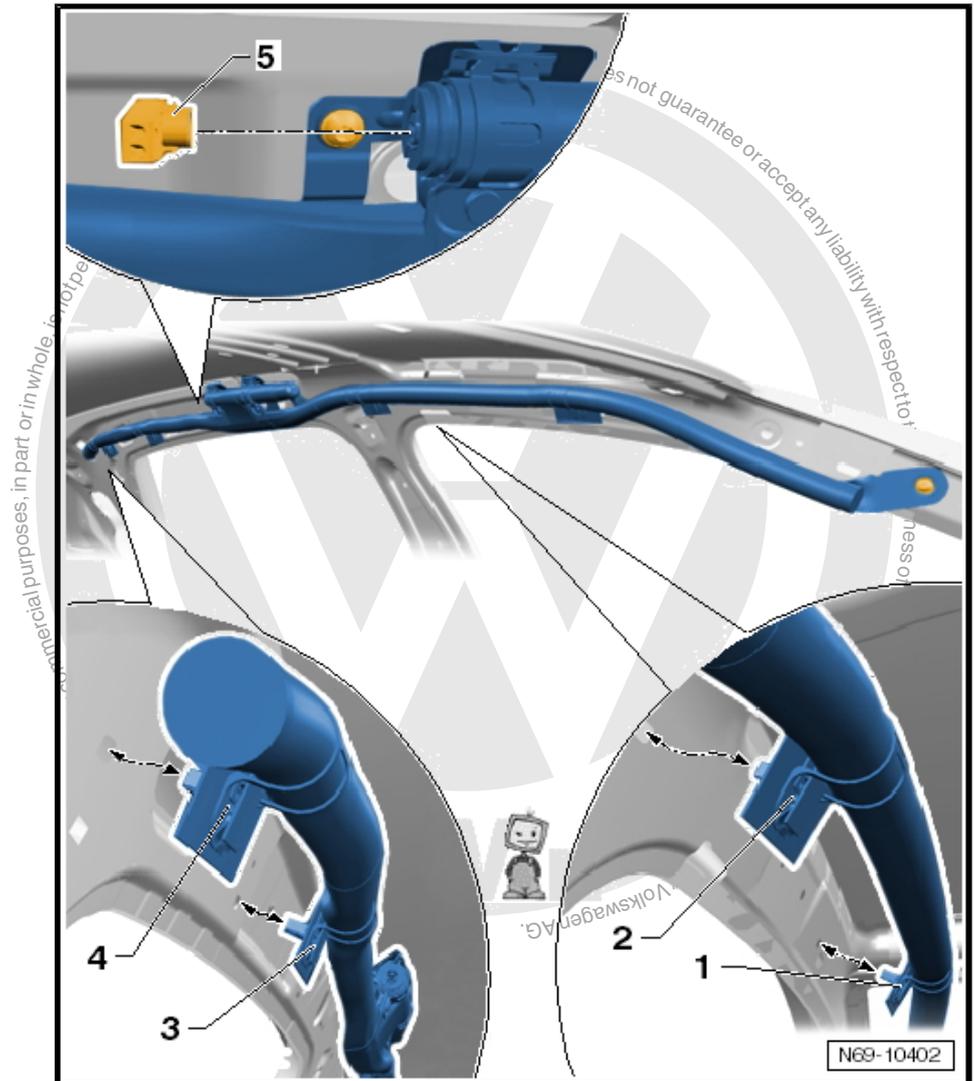
If one of the four clips is damaged on removal, the curtain airbag must be renewed!



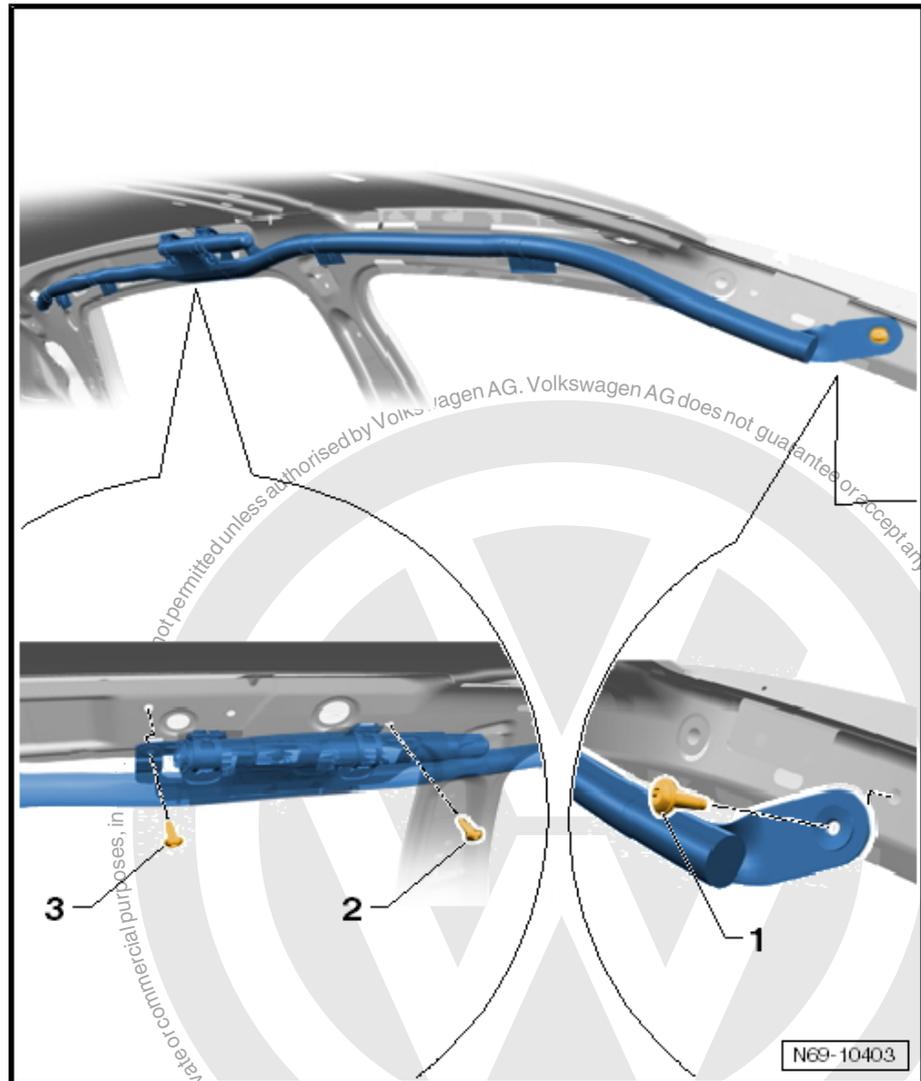
WARNING

Electrostatic discharges may result in unintentional triggering of airbag. Therefore, the mechanic must electrostatically discharge him/herself before disconnecting the igniter and earth wires. This can be done by briefly touching the body or striker plate of the door.

- Release connector locking device and pull connector -5- off curtain airbag



- Remove bolt -1- (4.5 Nm). Alternatively curtain airbag can be secured at this position using a metal eye and a locking pin.
- Remove bolts -2- and -3- (3 Nm).
- Detach curtain airbag from mountings in vehicle body.



Installing



Caution

A visible line is located on the curtain airbag, this line must be straight once bag is installed. Twisting is not permissible.

- Install in reverse order of removal.
- Switch ignition on.



WARNING

Ensure that nobody is in the vehicle.

- Reconnect vehicle battery ⇒ Electrical system; Rep. Gr. 27 ; Disconnecting and reconnecting battery .



4.21 Removing and installing seat occupied sensor, front passenger side -G128-



WARNING

If the seat occupied sensor, front passenger side -G128- is renewed, the front seat cushion padding must also always be renewed!

4.21.1 Removing

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove right front seat trim ⇒ [page 276](#) .

Vehicles with manually adjustable seat

- Remove left side trim on seat ⇒ [page 263](#) .
- Remove bar and operating lever for front seat ⇒ [page 272](#) .

Vehicles with electrically adjustable seat

- Remove left side trim on electrically adjustable seat ⇒ [page 267](#) .
- Remove bar and operating lever for front seat ⇒ [page 275](#) .

All vehicles

- Remove front seat drawer mounting ⇒ [page 271](#) .



Note

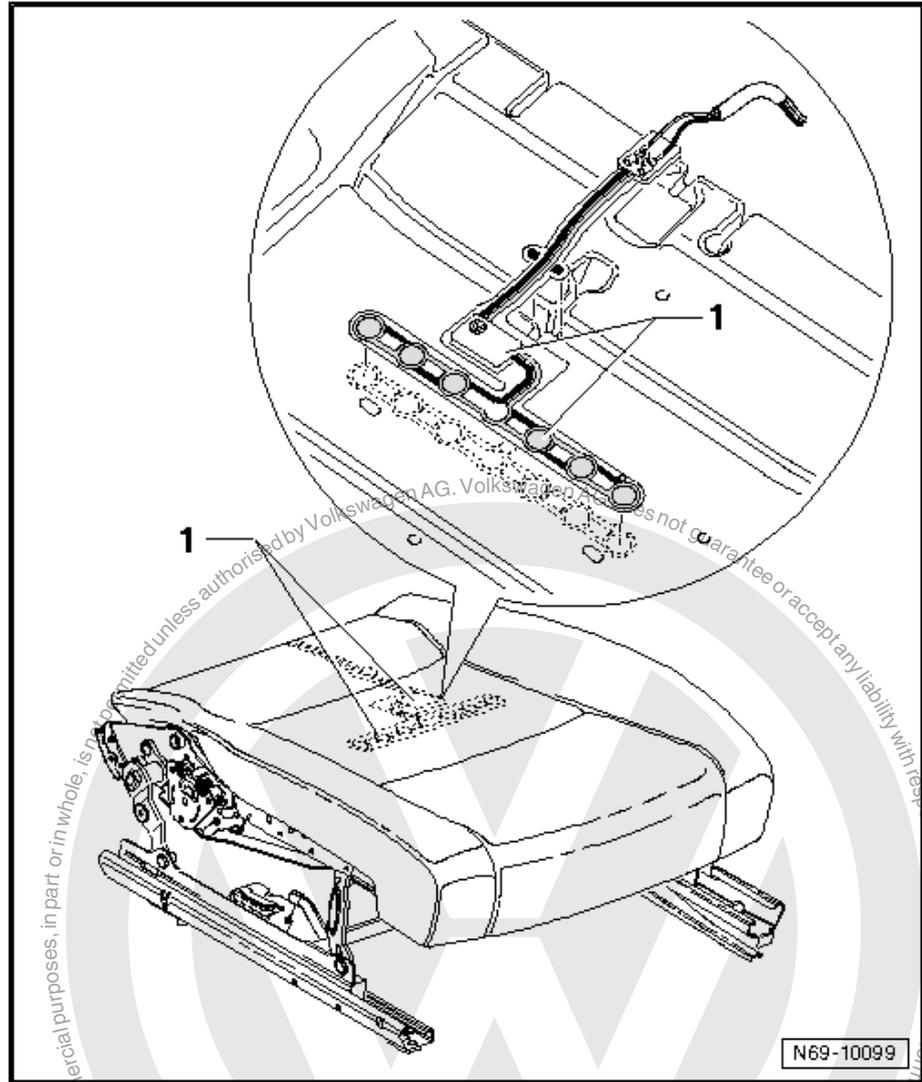
In vehicles fitted with a through-loading aperture, it is sufficient to fold the backrest forwards. It is not necessary to remove the backrest.

- Remove front seat backrest ⇒ [page 281](#) .
- Remove cover and padding, front seat cushion ⇒ [page 309](#) .



WARNING

Seat occupied sensor, front passenger side -G128- -1- is bonded firmly to the padding of the seat cushion. Isolated removal and installation is not permissible; the sensor must always be renewed with the padding.



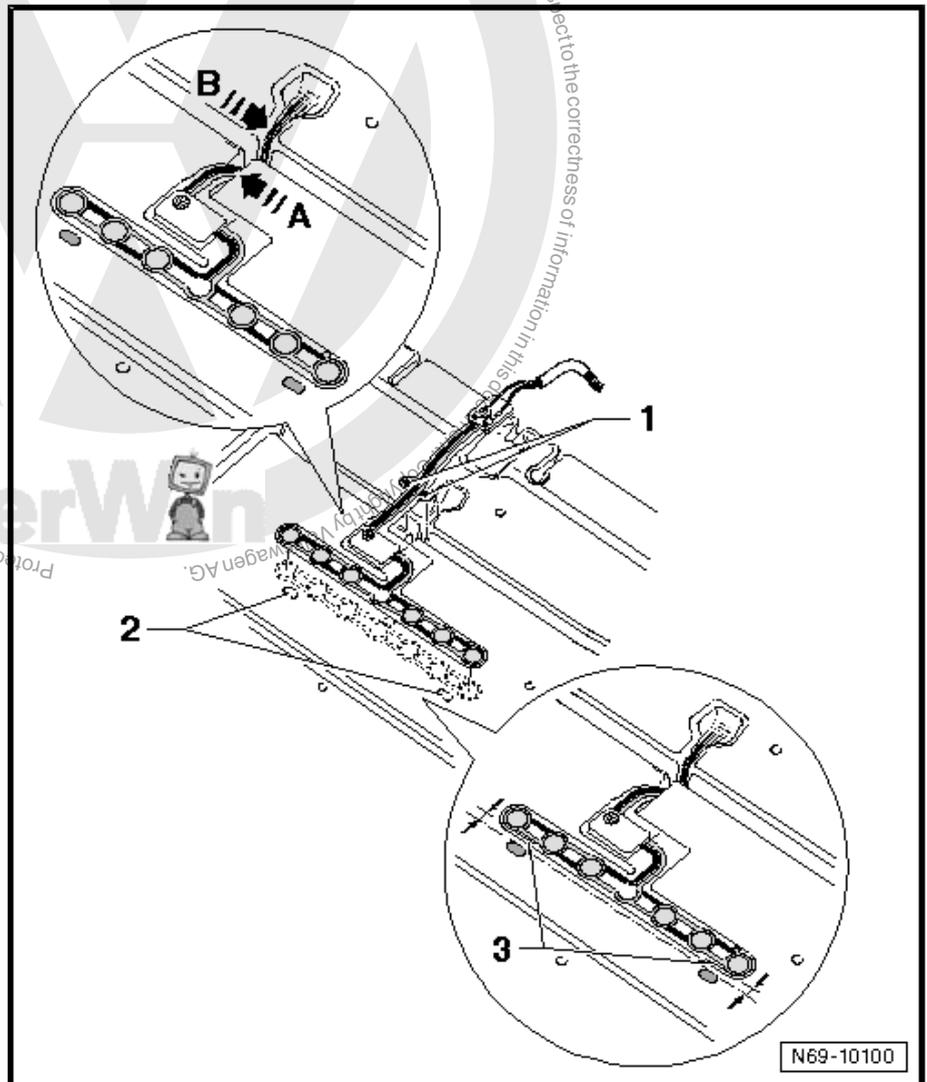
4.21.2 Installing

- In the area of the positioning aids -1-, push the wiring harness in the rear channel of the cushion.
- Push the wiring harness in the area of -the arrows A and B- into the cushion recess.
- Set the sensor -3- positioning aid to the positioning aid of the cushion -2-.

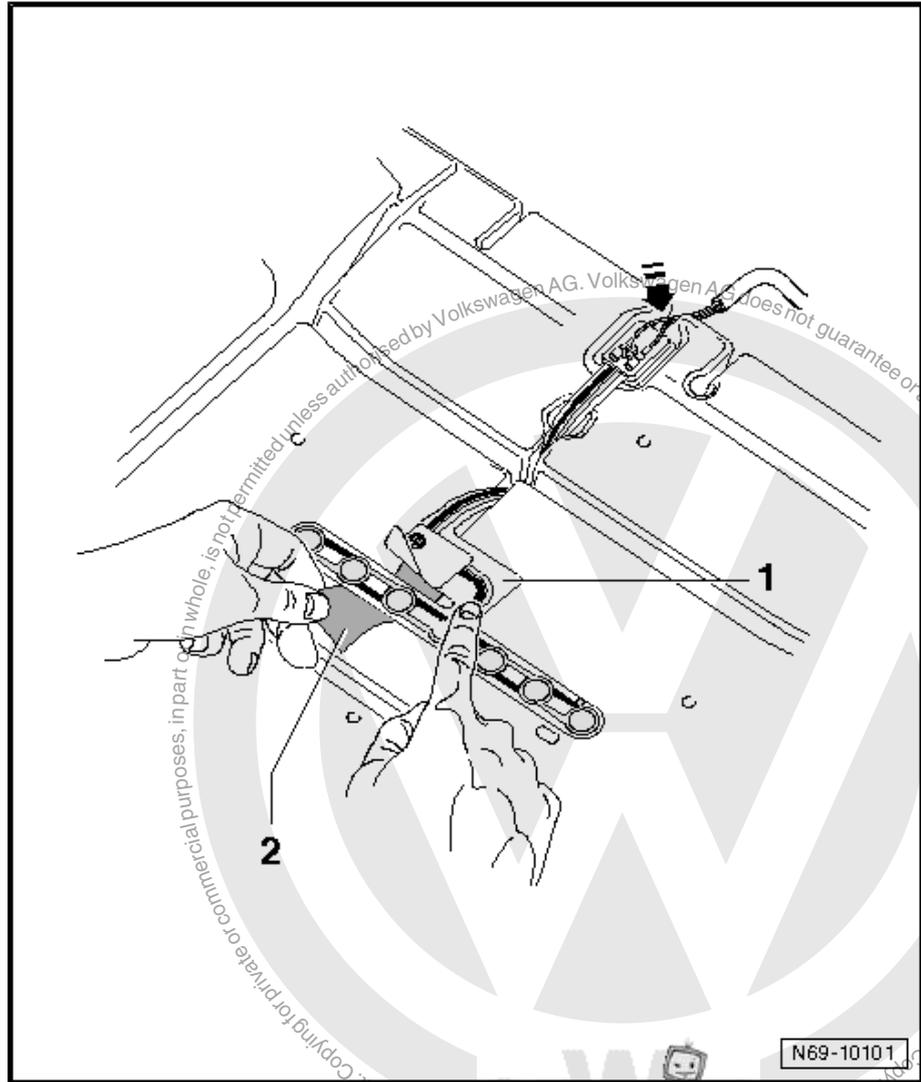


Caution

You must ensure that the distance of the sensor to the positioning aids -2- remains constant -arrows-.



- Fix the set sensor -1- with the right hand, pull the adhesive strip -2- off and attach the sensor to the cushion.
- Push the wiring harness, at the rear, into the cushion recess -arrow-.
- Connect the wiring harness to the vehicle electrics.



Installation of the other components is carried out in reverse order of removal.

- After installation, carry out a function check with ignition switched on.



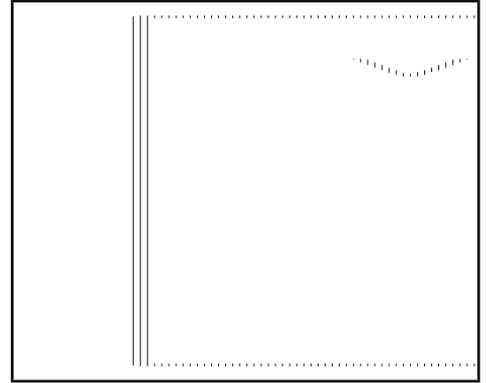
4.22 Adapting components

- ◆ Vehicle diagnostic, testing and information system -VAS 5051-
- ◆ Diagnosis lead -VAS 5051/1- or -VAS 5051/3-

Select "guided fault finding" in vehicle diagnostic, testing and information system -VAS 5051- .

Once all control units have been read:

- Press "GoTo" button.
- Select "Function/component selection".
- Select "Body".
- "General body repairs"
- Select "01 Systems capable of self-diagnosis"
- Select "Airbag".
- Select "Functions".
- Select "Action".





5 Seat occupied recognition (USA)

The seat occupied recognition controls the automatic deactivation of the front passenger airbag.

This feature is only installed in models which are initially registered in the USA.

5.1 Safety precautions for when working on seat occupied recognition

- ◆ Basic settings of seat occupied recognition control unit -J706- must be performed after each repair to front passenger seat in which the seat and/or the backrest was "detached". Carry out the basic settings using a diagnostic tester using "Guided functions".
- ◆ The mat of the seat recognition sensor must not be kinked.
- ◆ A leaky mat must be renewed (repair kit).
- ◆ The pressure hose of the mat must not be kinked.
- ◆ The components of the seat recognition (repair kit) must not fall on hard surfaces.
- ◆ The components of the seat recognition must not come into contact with grease.
- ◆ There is always a danger that the components of the seat recognition may be damaged by pointed/sharp objects when working on the seat. This danger must be prevented.
- ◆ The mat, the felt and all other covers must have no folds/creases.
- ◆ Ensure when installing that the seat padding and cover are correctly installed.
- ◆ Renew all padding clips and clip connections on cover, ensure they are positioned correctly on the seat.
- ◆ The basic setting of the system is only possible between temperatures of 0° Celsius and +40° Celsius.
- ◆ Ensure that no object is on the seat before and/or during the basic settings.
- ◆ The use of additional seat covers, such as cushions or similar, effects the function of the seat recognition and therefore the function of the airbag.

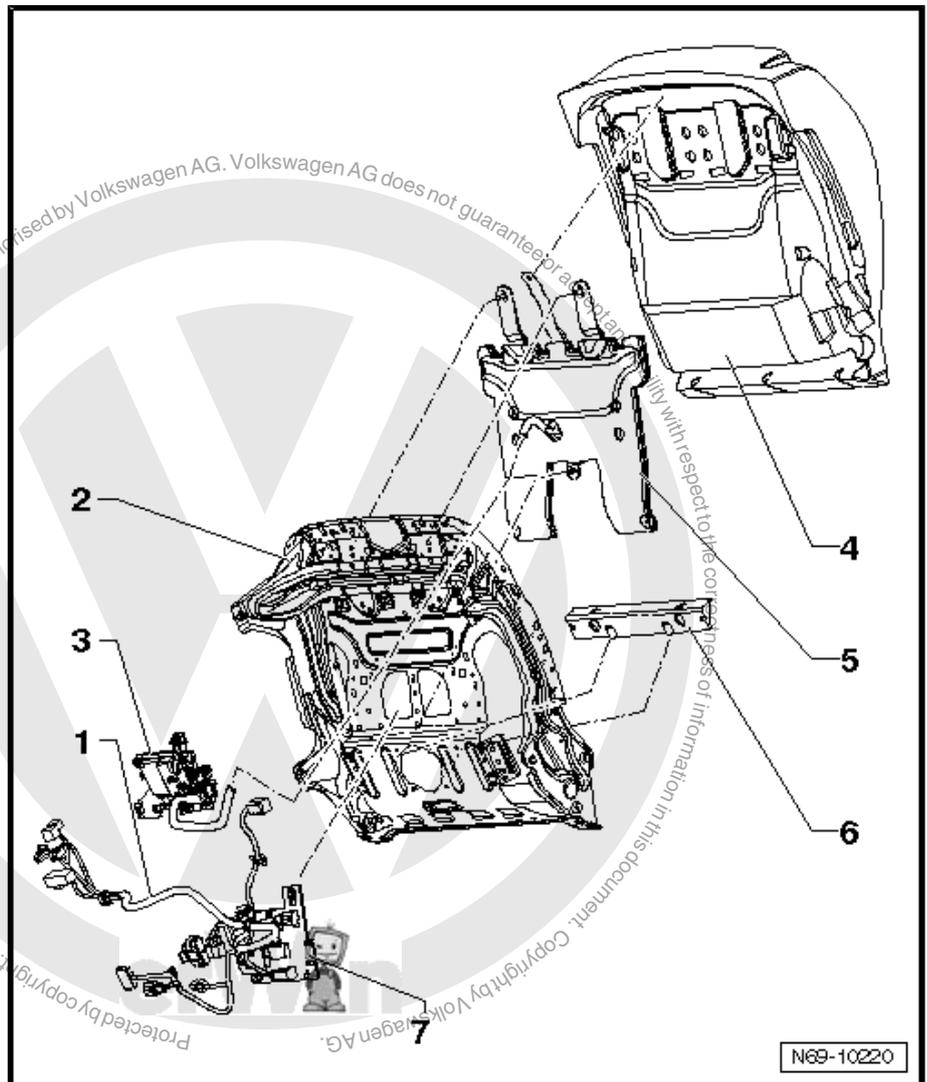
5.2 Procedure for seat belt tensioner after an accident and/or triggering of airbag

- ◆ Basic settings of seat occupied recognition control unit -J706- must be performed after each triggering of front passenger airbag and/or seat belt tensioner on front passenger side. Carry out the basic settings using a diagnostic tester using "Guided functions".
- ◆ When a seat rail and/or seat base require replacing, due to deformation, after an accident then the seat recognition must also be replaced using a "seat recognition repair kit". Finally carry out basic settings of seat occupied recognition control unit -J706-. Carry out the basic settings using a diagnostic tester using "Guided functions".



5.3 Assembly overview - seat occupancy detection (USA)

- 1 - Wiring harness for front seat
- 2 - Seat frame
- 3 - Seat occupied recognition control unit -J706-
- 4 - Front seat cushion padding
 - Must not be separated from mat for seat occupied recognition
- 5 - Mat for seat occupied recognition
 - Must not be separated from pressure hose and padding for front seat cushion
- 6 - Insert profile
 - Observe installation position.
- 7 - Bracket
 - White



5.4 Components of repair kit for seat occupied recognition

If a component of the system is faulty it must be replaced using repair kit. The repair kit is specially designed for the respective vehicle and comprises the following components.



WARNING

Never use components of the repair kit separately.

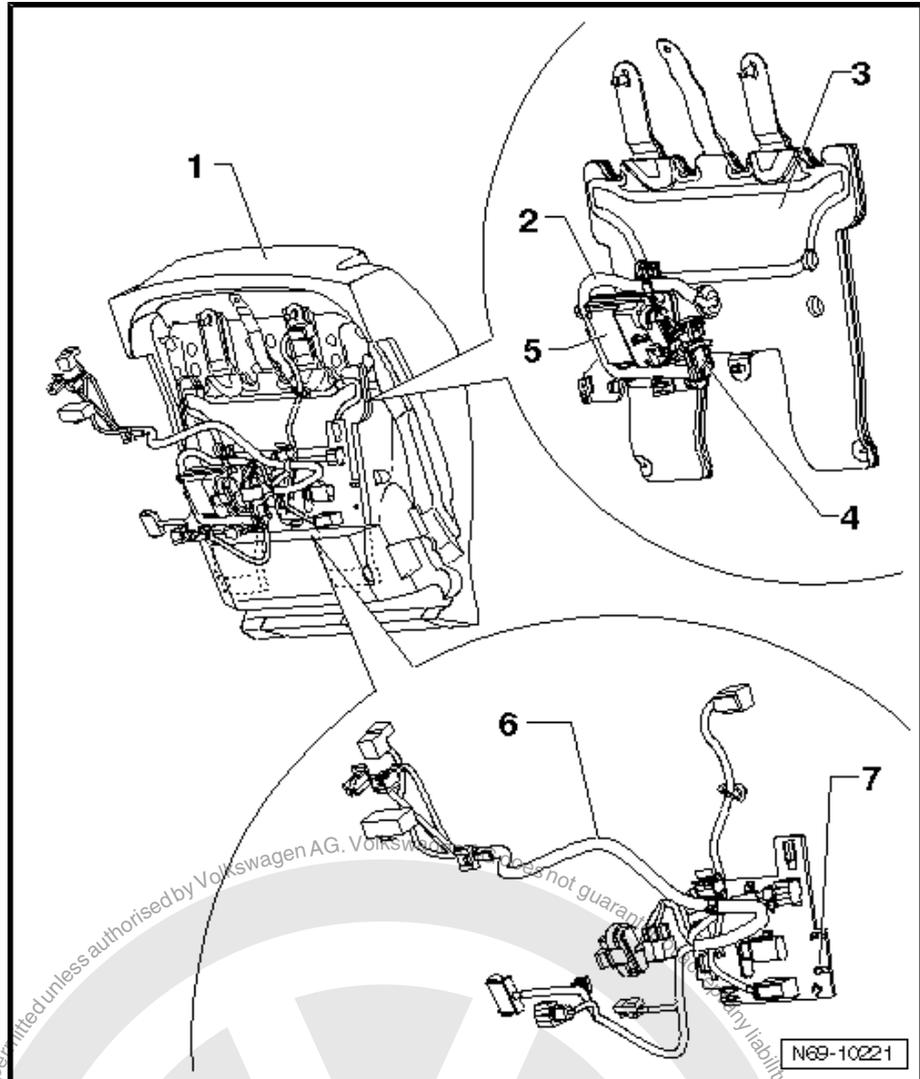
- 1 - Front seat cushion padding
- 2 - Pressure hose
- 3 - Mat for seat occupied recognition
- 4 - Pressure sensor for seat occupied recognition -G452-
- 5 - Seat occupied recognition control unit -J706-
- 6 - Wiring harness for front seat
- 7 - Bracket

White



WARNING

Read and follow the instructions for use on the packaging of the repair kit. Faulty installation/use may cause the system to malfunction.



5.5 Removing components of seat occupied recognition (vehicles with manually operated seats)



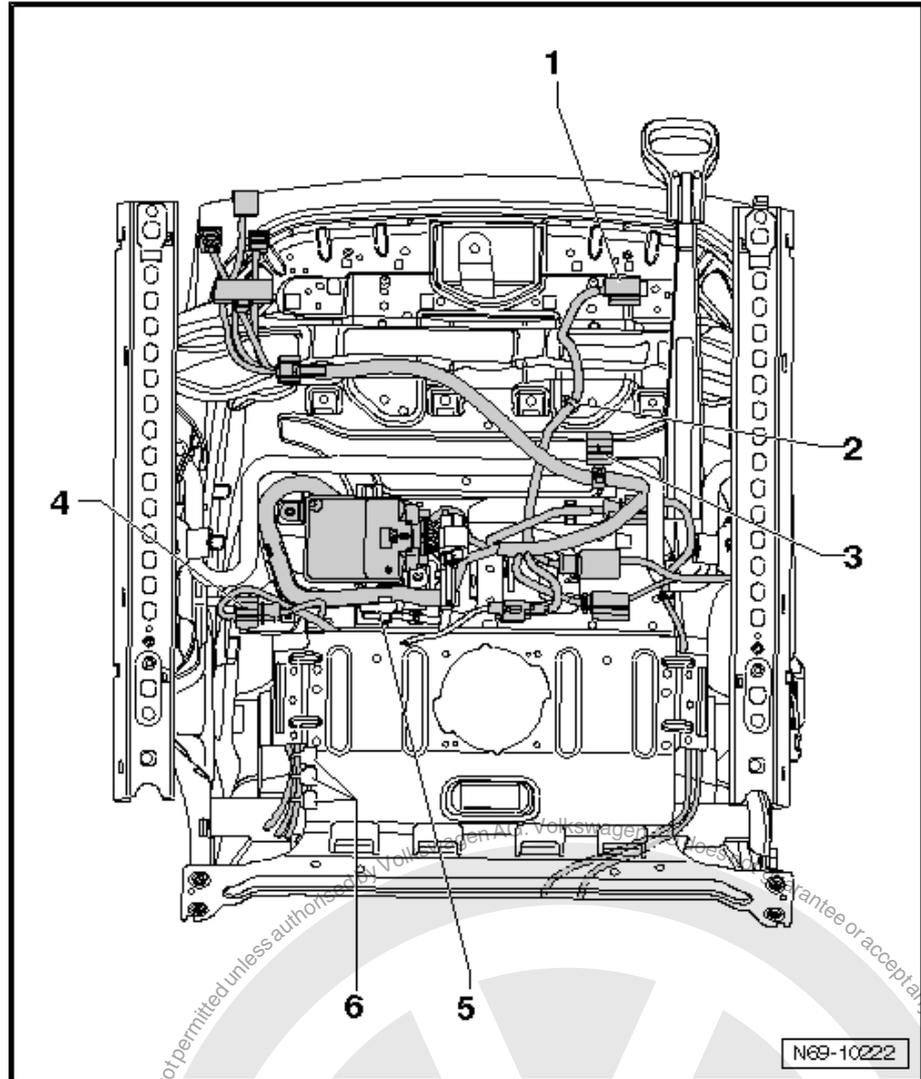
WARNING

Observe safety precautions when working on seat occupied recognition ⇒ [page 154](#).

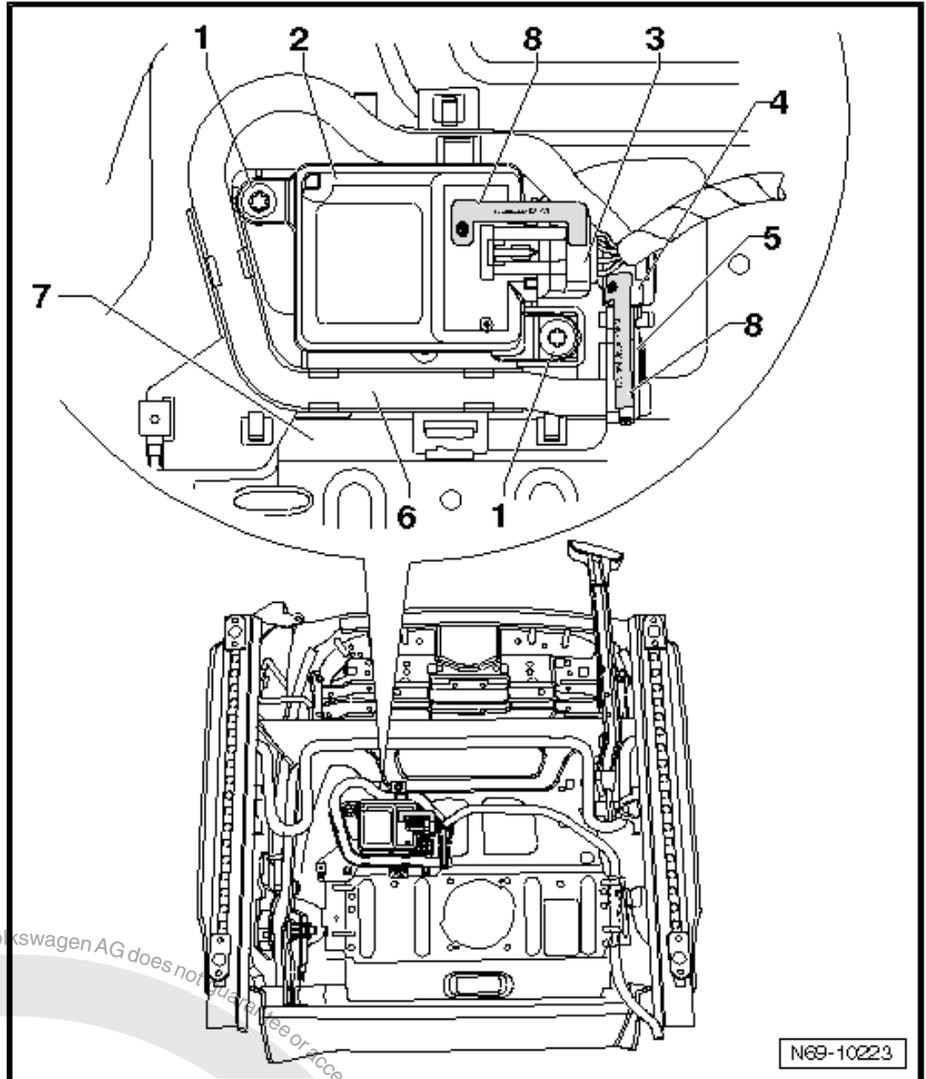


Note

- ◆ *Seat padding, mat for seat occupied recognition, control unit and pressure sensor should only be renewed as one unit. The components are adapted to each other and should not be separated!*
- ◆ *Only the wiring harnesses described as follows should be separated!*
- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095-.
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove front belt buckle:
 - ◆ Two-door ⇒ [page 98](#)
 - ◆ Four-door ⇒ [page 100](#)
- Remove right trim on seat.
- ◆ Seat with no through-loading function ⇒ [page 276](#)
- ◆ Seat with through-loading function ⇒ [page 269](#)
- Remove left trim on seat.
- ◆ Seat with no through-loading function ⇒ [page 263](#)
- ◆ Seat with through-loading function ⇒ [page 268](#)
- Remove bar and operating lever for front seat ⇒ [page 272](#) .
- Remove seat drawer mounting, if part of original equipment ⇒ [page 271](#) .
- Disconnect connector -1- of heated front passenger seat control unit -J132- , if part of original equipment.
- Remove retaining clip -2-, if fitted.
- Remove retaining clip -3-.
- Disconnect connector -4- and remove connector from seat frame, if fitted.
- Disconnect connector -5- for side airbag and remove connector from seat frame.
- Remove wiring harness clips -6- and disconnect backrest wiring harness from seat frame.



- Remove front seat backrest ⇒ [page 281](#) .
- Remove cover from front seat cushion, the front seat padding is not removed ⇒ [page 309](#) .
- Unclip pressure hose -6- from retainers.
- Unclip pressure sensor for seat occupied recognition -G452- -5- from retainer, when doing this do not disconnect connectors -3- or -4- on pressure sensor for seat occupied recognition -G452- or on seat occupied recognition control unit -J706- -2-.
- Remove bolts -1- (1.5 Nm).



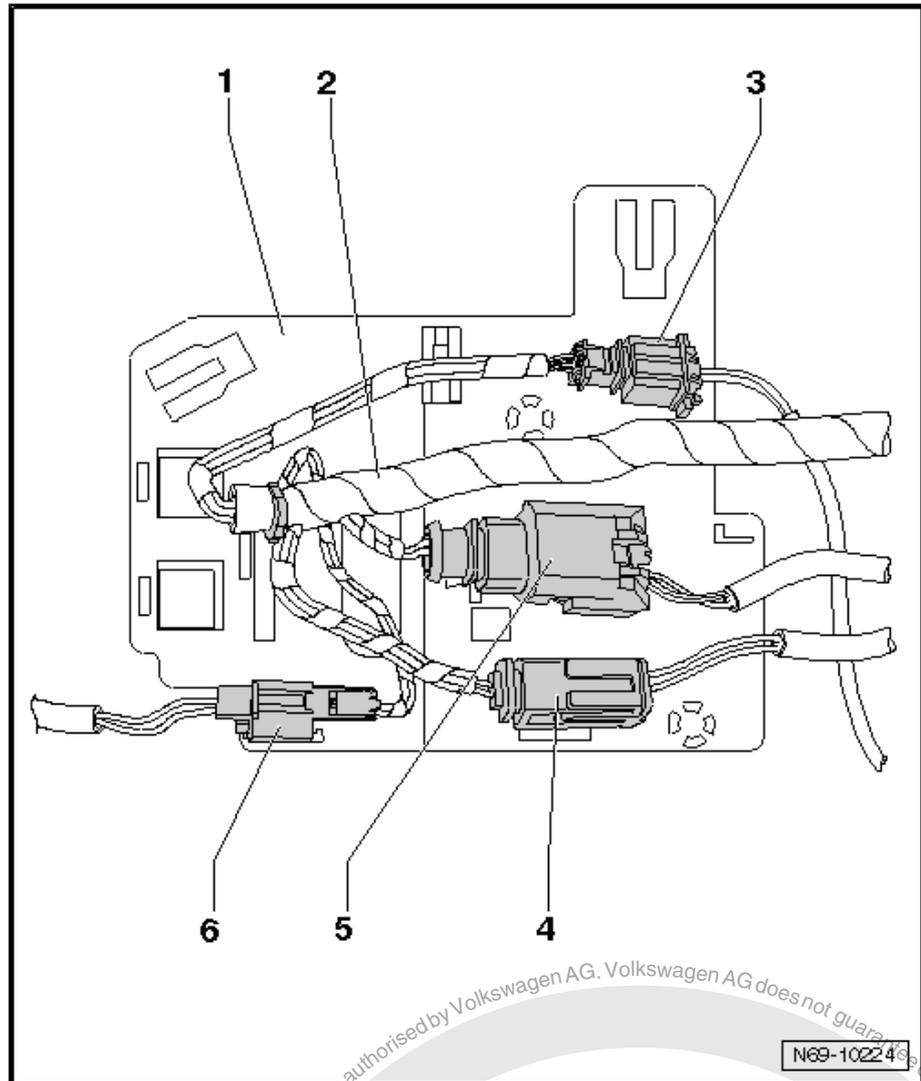
Disconnect connector -3- for front seat heating, if fitted.

- Disconnect black connector -5- for seat belt force sensor for seat occupied recognition -G453- .
- Disconnect yellow connector -4- for front passenger side belt switch -E25- .
- Disconnect connector -6- for front seat backrest heating, if fitted.
- Cut open cable ties for wiring harness -2-.
- Slide white retainer -1- to left and release retainer from seat frame.
- Remove all connectors from retainer.



Caution

Connector must not be removed from seat occupied recognition control unit -J706- .

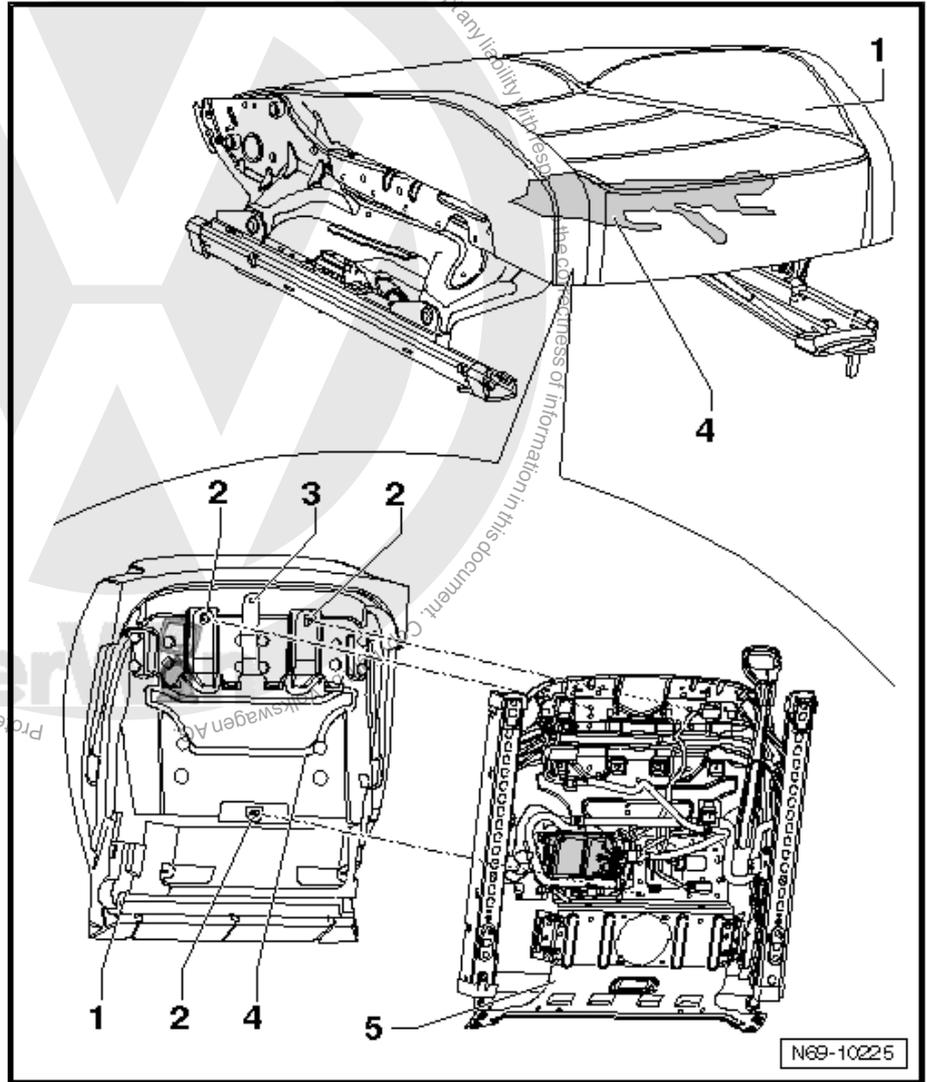


- Lift front seat cushion padding -1- slightly, front seat cushion padding may not be disconnected from seat occupied recognition mat -4- when doing this.
- Remove clips -2- from seat frame -5-, do not remove clip -3-.

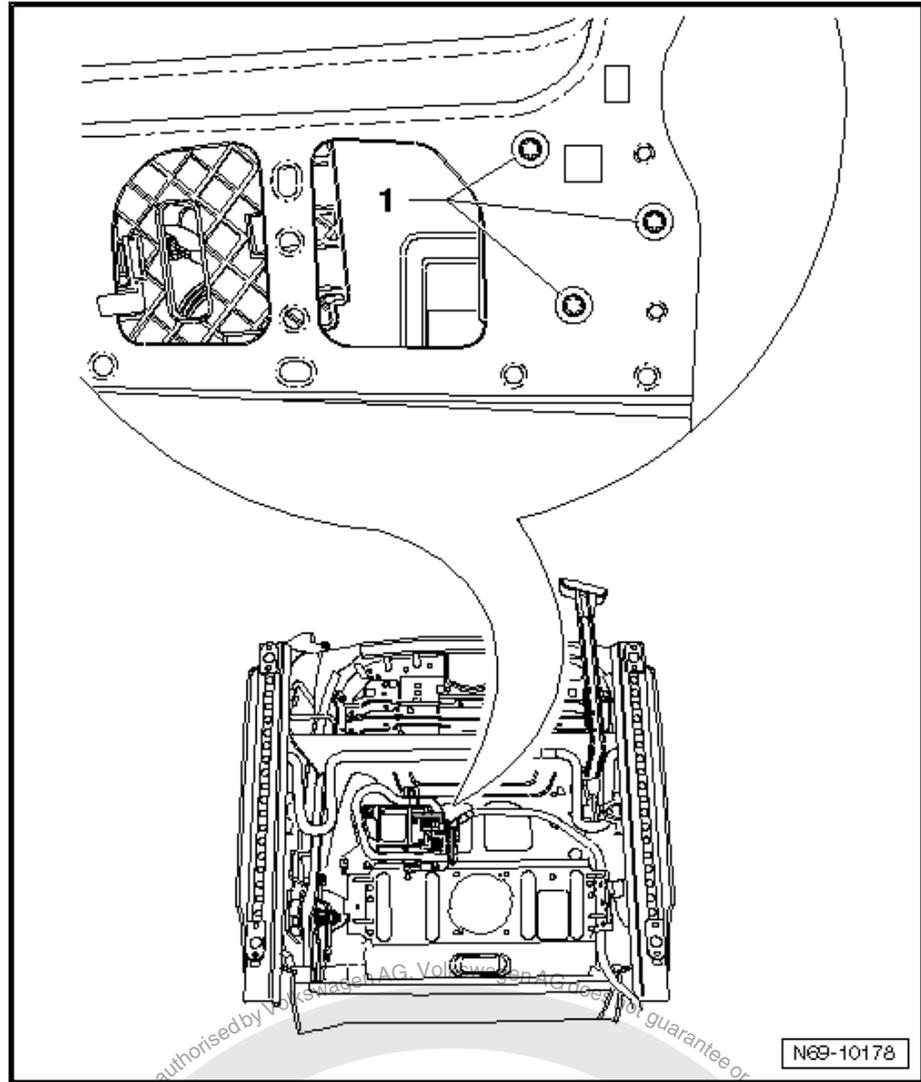


WARNING

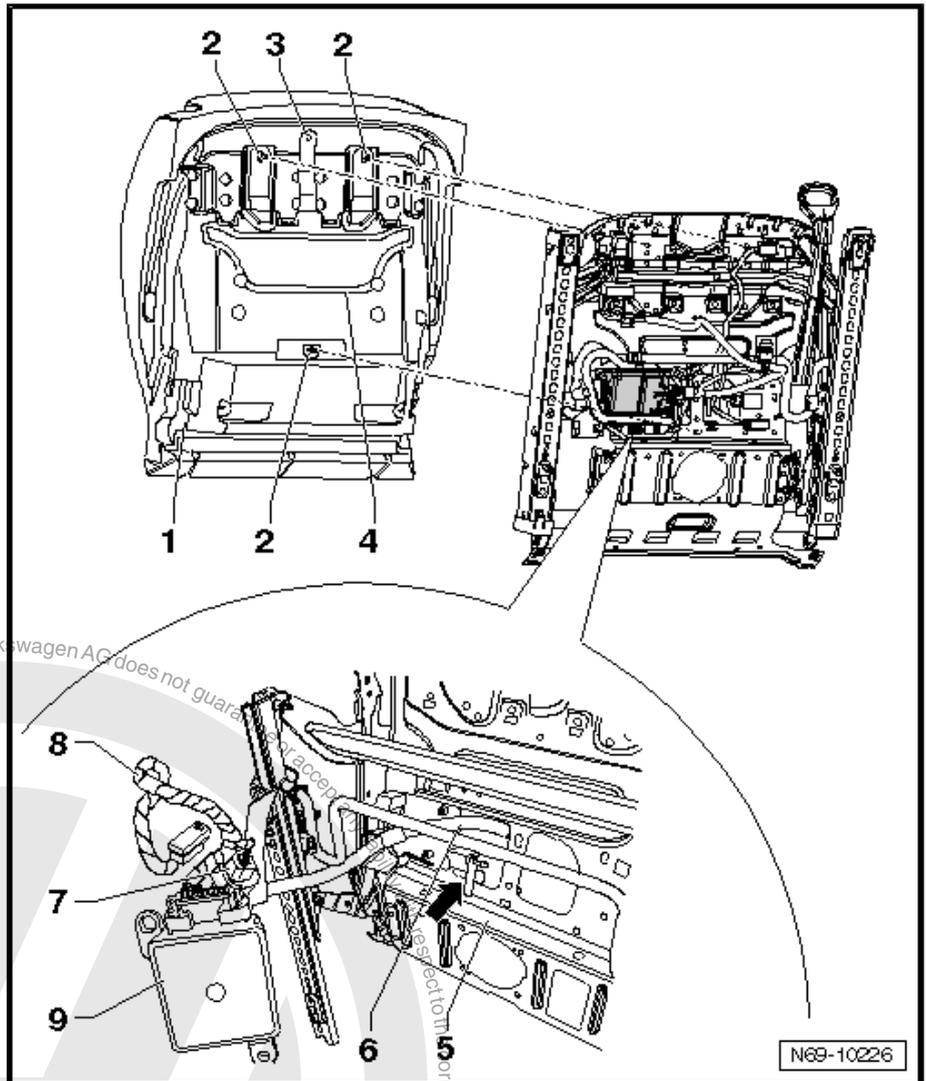
- ◆ *Official seals must not be damaged during dismantling and assembling procedures.*
- ◆ *The seat padding, the mat for the seat occupied recognition, the pressure hose, the pressure sensor for seat occupied recognition -G452- and the seat occupied recognition control unit -J706- may not be disconnected.*



- Remove bolts -1- (2.5 Nm) and remove seat occupied recognition control unit -J706- retainer.



- Remove front seat cushion padding -1- together with mat for seat occupied recognition -4-.
- Guide pressure hose -6-, the pressure sensor for seat occupied recognition -G452- -7-, the seat occupied recognition control unit -J706- -9- and seat wiring harness -8- through opening -arrow- in seat frame -5-.



5.6 Installing repair kit for seat occupied recognition (vehicles with manually operated seats)

Note

- ◆ *When installing, ensure that no wiring harness from the seat heating system is located between the padding and mat for seat occupied recognition.*
- ◆ *The pressure hose should be routed without kinks.*
- ◆ *Adhesive labels on connectors should not be damaged.*
- ◆ *Once vehicle has been reconnected to onboard electrical system, check for clearance of components that have been renewed by moving seat position.*

After seat occupied recognition has been renewed, a diagnosis tester must be used that has function "Guided fault finding" to carry out basic settings of seat occupied recognition system.

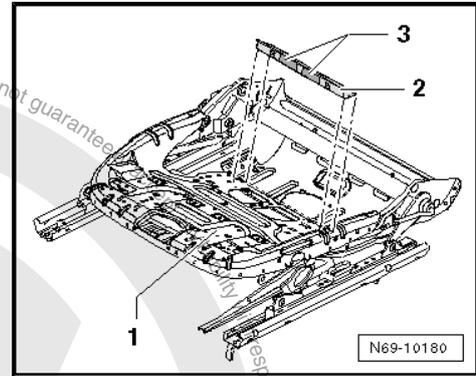


WARNING

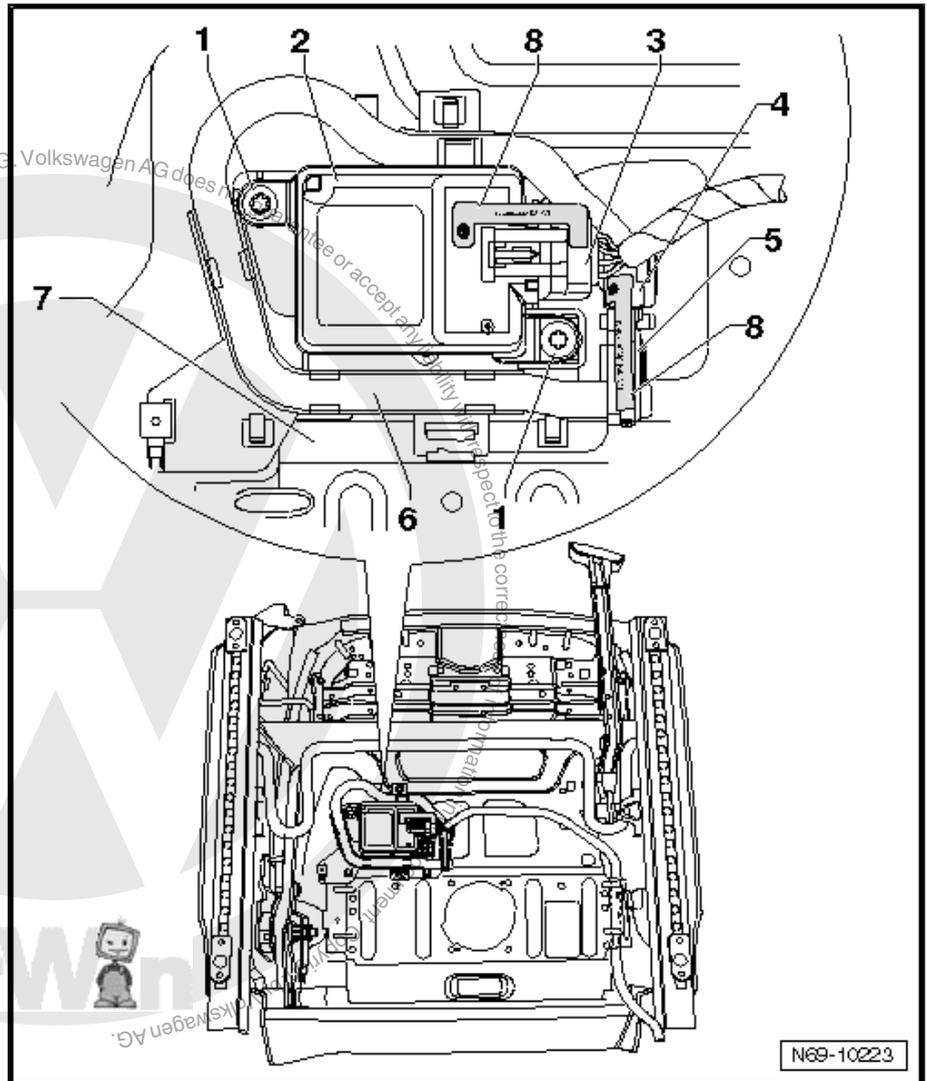
Basic setting must be carried out with seat unoccupied.

Installation is basically carried out in the reverse sequence, when doing this note the following:

- Secure insert profile -2- using double-sided adhesive tape -3- to seat frame -1- as shown.



- Clip pressure hose -6- into retainer. Start by clipping into retainer nearest to pressure sensor for seat occupied recognition -G452- -5- and end by clipping into retainer nearest to the connector -3-



- Switch ignition on.



WARNING

- ◆ *Ensure that nobody is in the vehicle.*
- ◆ *Official seals must not be damaged during dismantling and assembling procedures.*

- Reconnect vehicle battery ⇒ Rep. Gr. 27 .

5.7 Removing components of seat occupied recognition (vehicles with electrically operated seats)



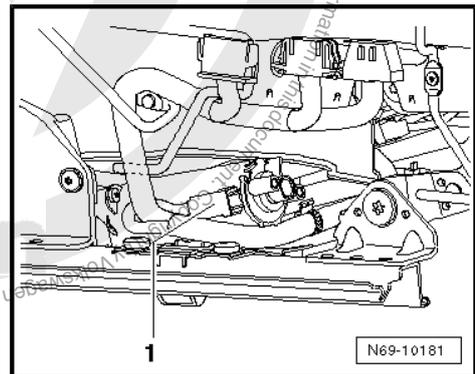
WARNING

Observe safety precautions when working on seat occupied recognition ⇒ [page 154](#) .



Note

- ◆ *Seat padding, mat for seat occupied recognition, control unit and pressure sensor should only be renewed as one unit. The components are adapted to each other and should not be separated!*
- ◆ *Only the wiring harnesses described as follows should be separated!*
- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove front belt buckle:
- ◆ Two-door ⇒ [page 98](#)
- ◆ Four-door ⇒ [page 100](#)
- Remove right trim on seat ⇒ [page 276](#) .
- Remove left trim on electrically adjustable seat ⇒ [page 267](#) .
- Remove front seat drawer mounting, if part of original equipment ⇒ [page 271](#) .
- Remove bar and operating lever for front seat ⇒ [page 275](#) .
- Disconnect connector -1- for backrest adjustment motor.



- Disconnect connector -1- for seat adjustment motors.
- Remove cable retainers -2- and -3-.
- Disconnect connector -4- for backrest adjustment and remove connector from seat frame.
- Remove cable retainer -5-.
- Disconnect connector -6- of heated front passenger seat control unit -J132- , if part of original equipment.
- Remove retaining clip -7-, if fitted.
- Disconnect connector -8- for side airbag.
- Remove cable retainer -9-.
- Disconnect connector -10- for front seat backrest heating and remove yellow connector, if fitted.

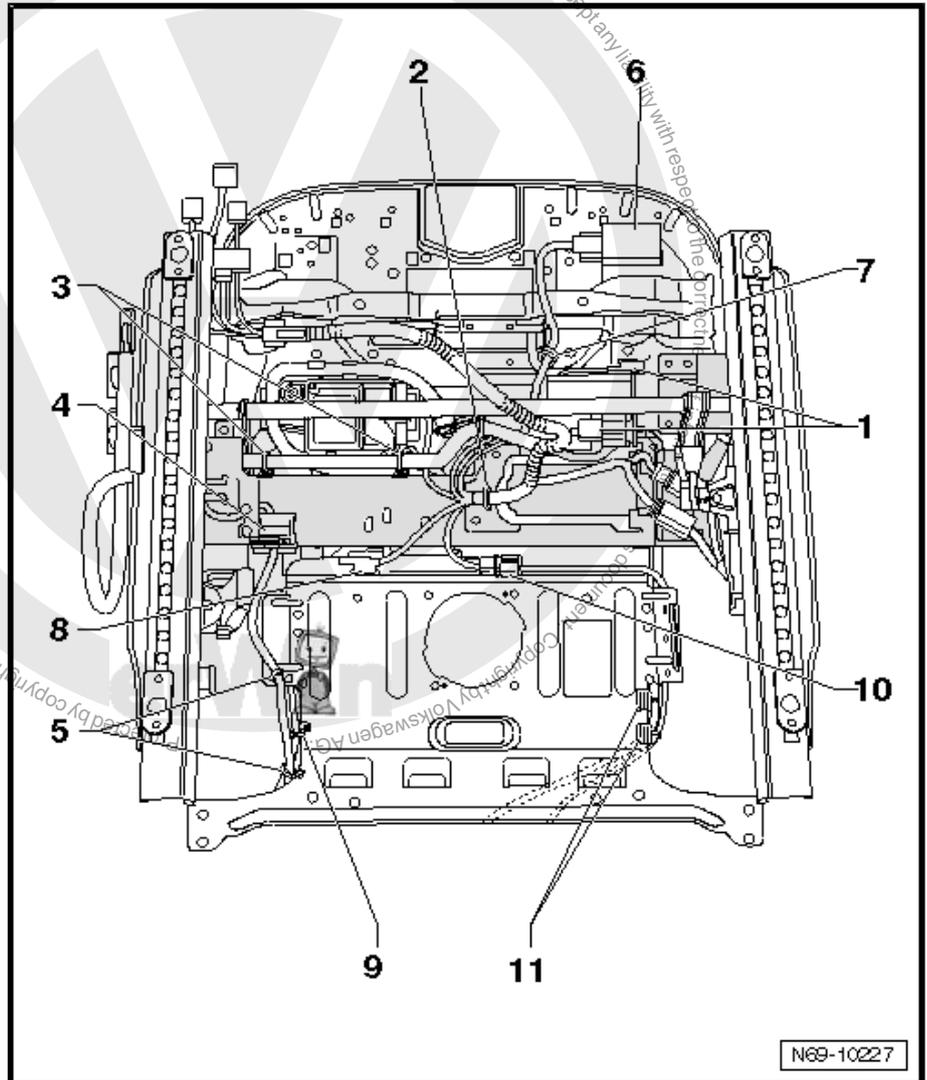


Note

Do not remove white retainer.



- Remove cable retainer -11-



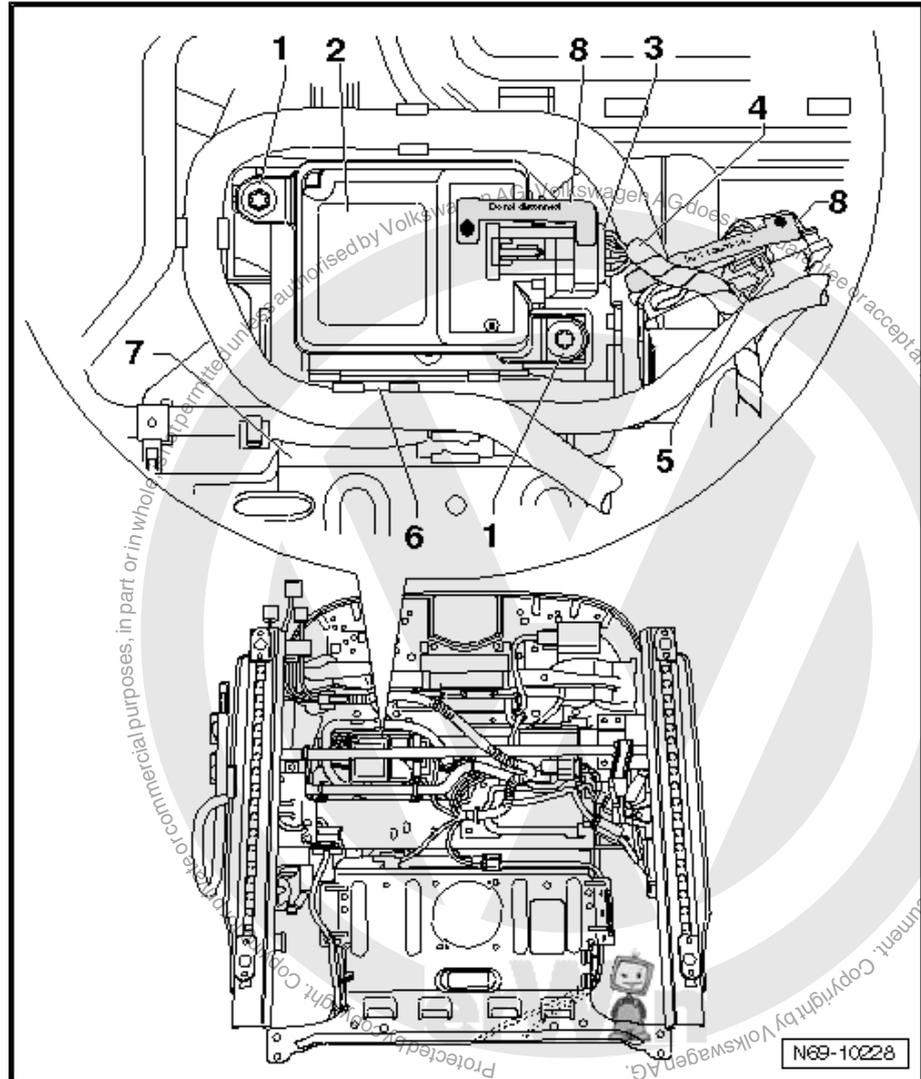
- Remove front seat backrest ⇒ [page 281](#) .
- Remove cover from front seat cushion, the front seat padding is not removed ⇒ [page 309](#) .



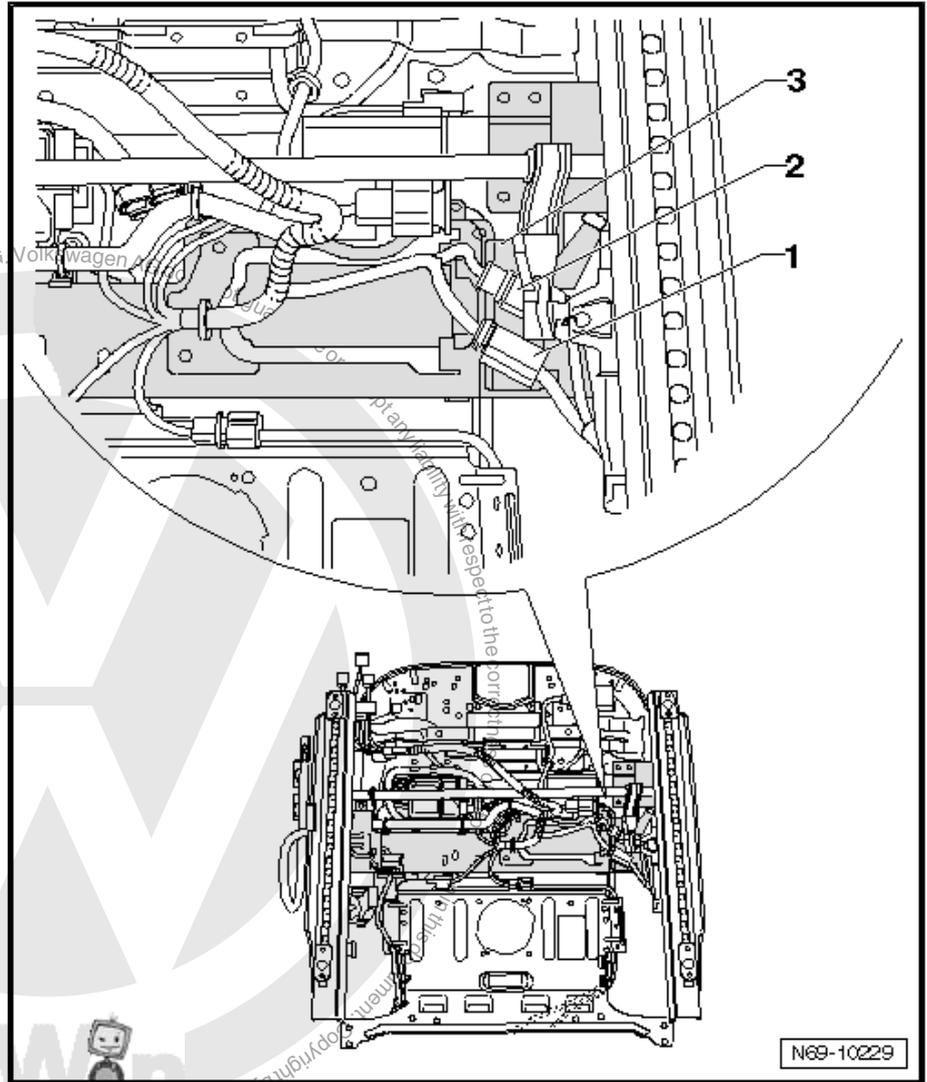
Caution

Connector must not be removed from seat occupied recognition control unit -J706- .

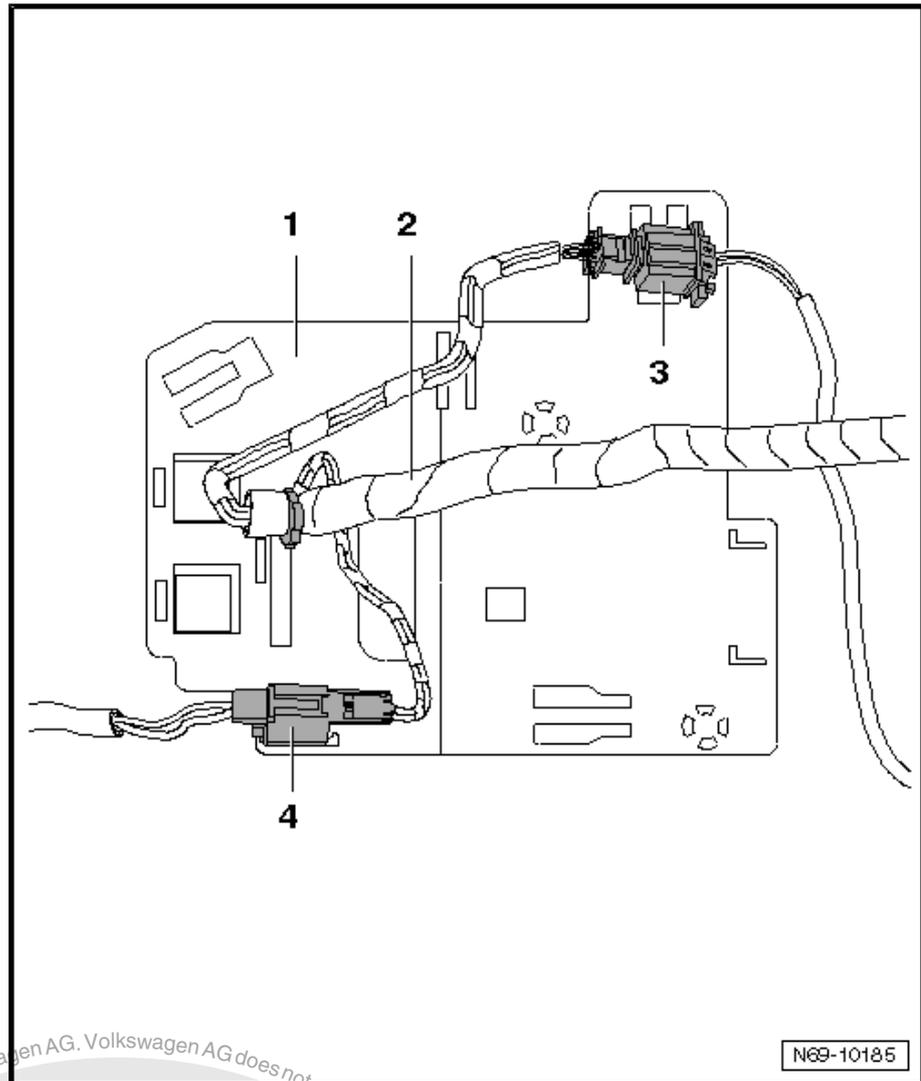
- Unclip pressure hose -6- from retainers.
- Unclip pressure sensor for seat occupied recognition -G452- -5- from retainer, when doing this do not disconnect connectors -3- or -4- on pressure sensor for seat occupied recognition -G452- or on seat occupied recognition control unit -J706- -2-.
- Remove bolts -1- (1.5 Nm).



- Disconnect black connector -1- for seat belt force sensor for seat occupied recognition -G453- .
- Disconnect yellow connector -2- for front passenger side belt switch -E25- .
- Remove white retainer -3- from seat frame.



- Disconnect connector -3- for front seat heating, if fitted.
- Disconnect connector -4- for front seat backrest heating, if fitted.
- Cut open cable ties for wiring harness -2-.
- Slide white retainer -1- to left and release retainer from seat frame.
- Remove all connectors from retainer.

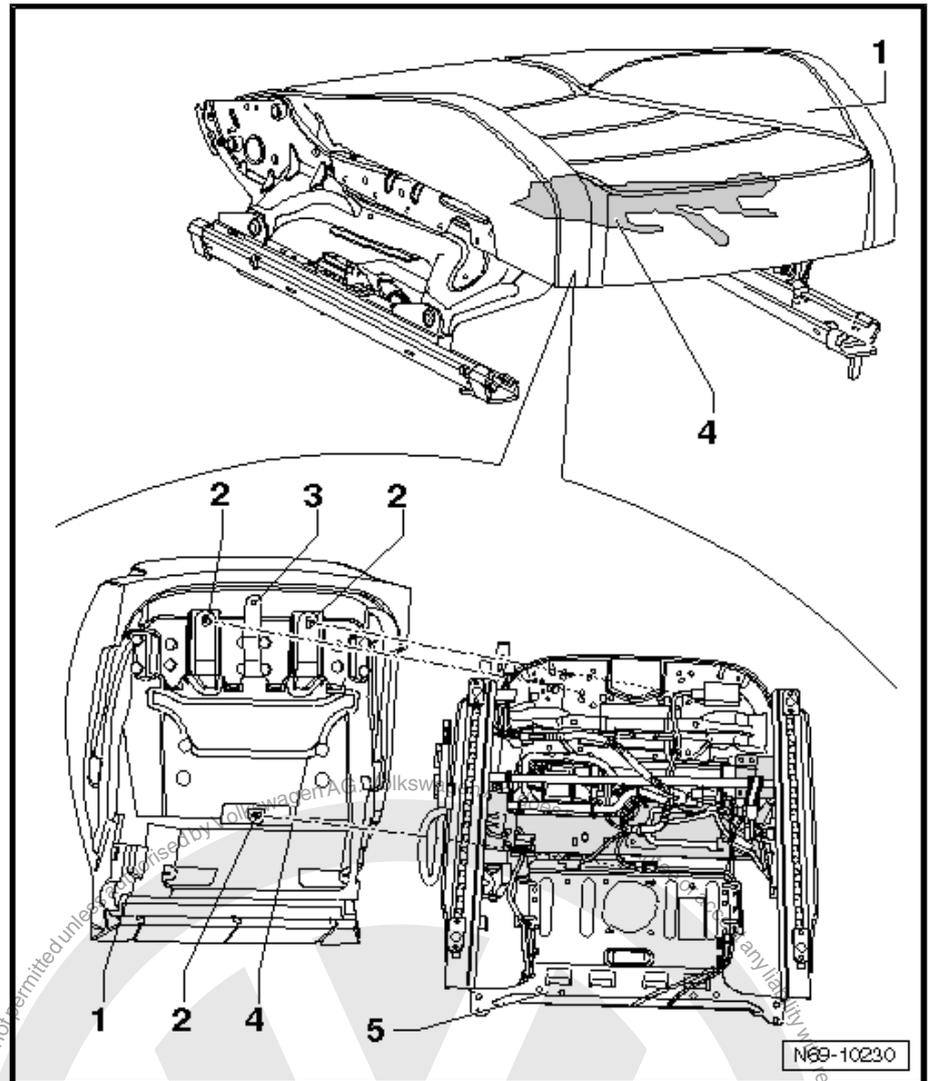


- Lift front seat cushion padding -1- slightly, front seat cushion padding may not be disconnected from seat occupied recognition mat -4- when doing this.
- Remove clips -2- from seat frame -5-, do not remove clip -3-.

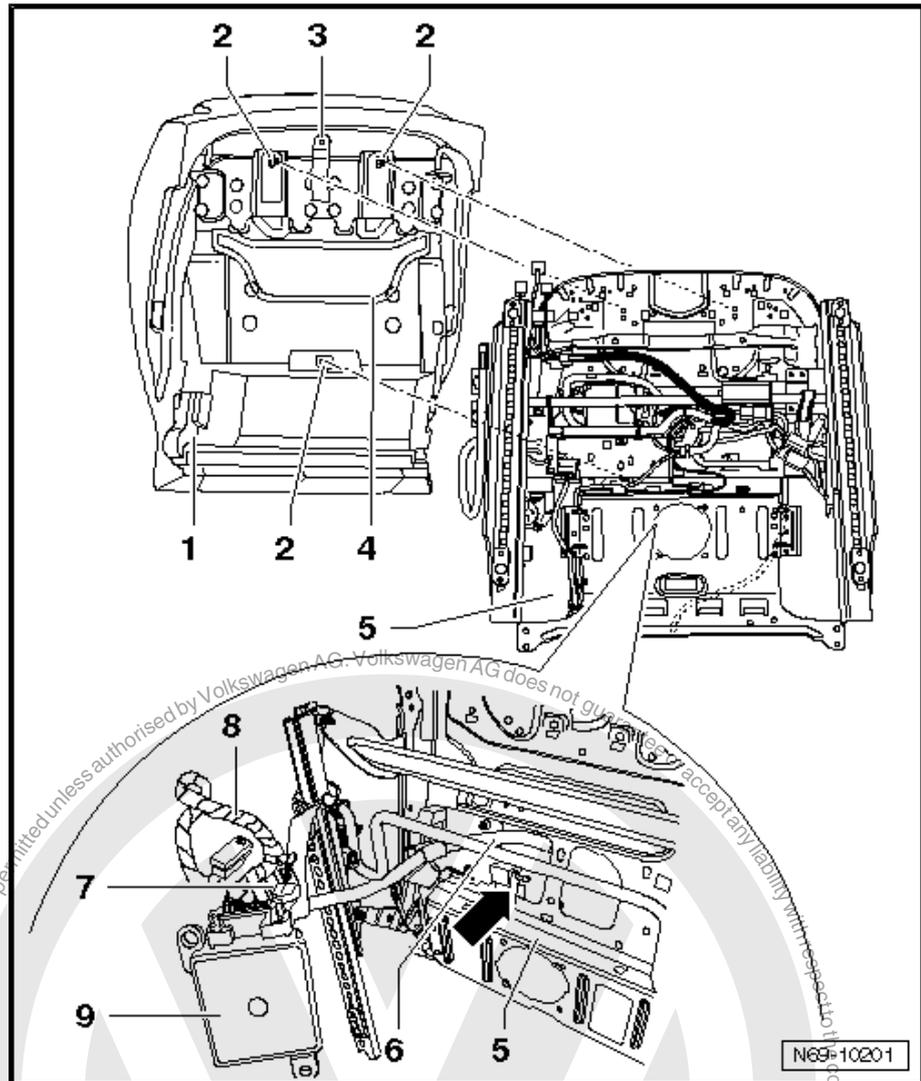


WARNING

The seat padding, the mat for the seat occupied recognition, the pressure hose, the pressure sensor for seat occupied recognition -G452- and the seat occupied recognition control unit -J706- may not be disconnected.



- Remove front seat cushion padding -1- together with mat for seat occupied recognition -4-.
- Guide pressure hose -6- the pressure sensor for seat occupied recognition -G452- -7-, the seat occupied recognition control unit -J706- -9- and seat wiring harness -8- through opening -arrow- in seat frame -5-.



5.8 Installing repair kit for seat occupied recognition (vehicles with electrically operated seats)



Note

- ◆ When installing, ensure that no wiring harness from the seat heating system is located between the padding and mat for seat occupied recognition.
- ◆ The pressure hose should be routed without kinks.
- ◆ Adhesive labels on connectors should not be damaged.
- ◆ Once vehicle has been reconnected to onboard electrical system, check for clearance of components that have been renewed by moving seat position.

After seat occupied recognition has been renewed, a diagnosis tester must be used that has function "Guided fault finding" to carry out basic settings of seat occupied recognition system.

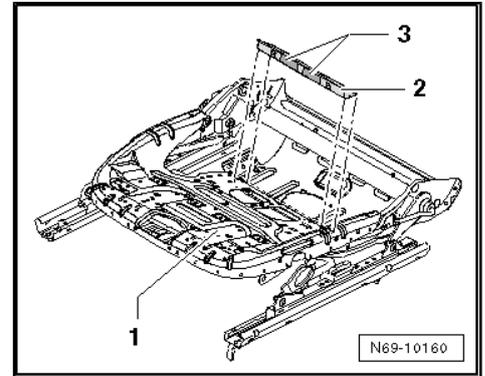


WARNING

Basic setting must be carried out with seat unoccupied.

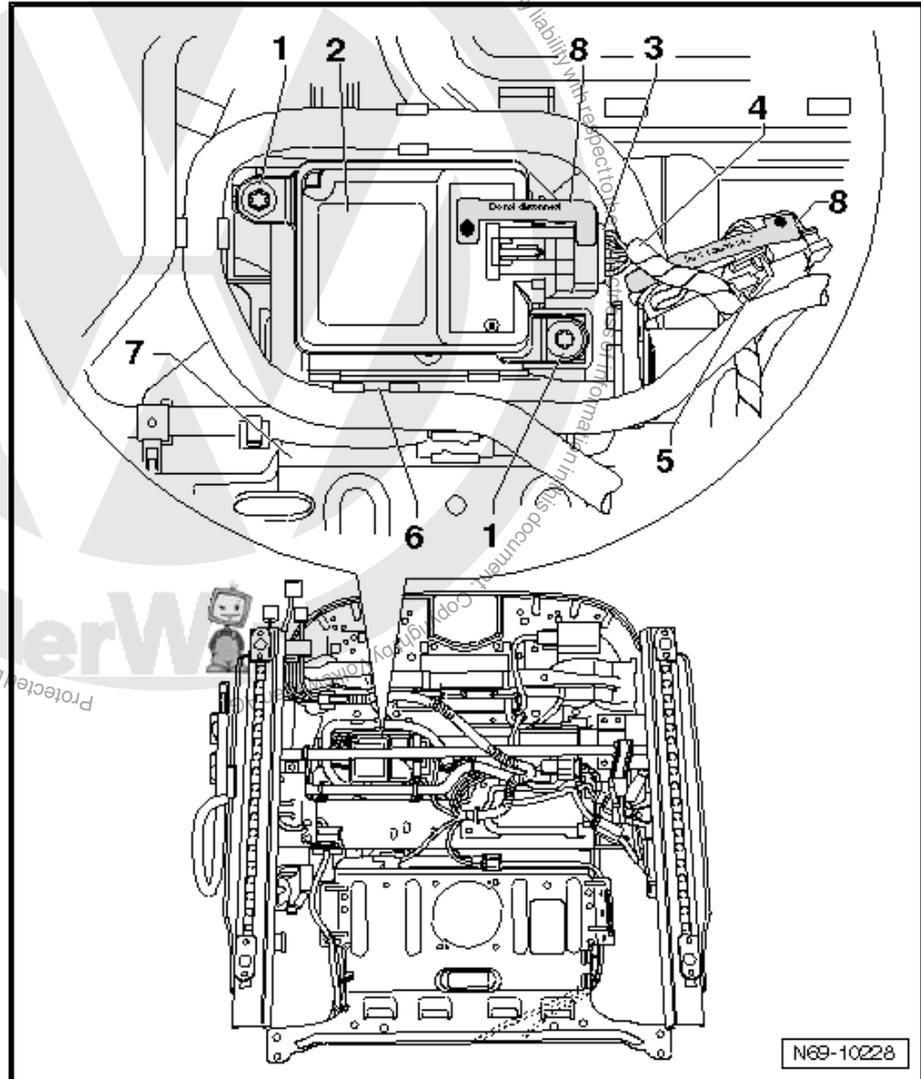
Installation is basically carried out in the reverse sequence, when doing this note the following:

- Secure insert profile -2- using double-sided adhesive tape -3- to seat frame -1- as shown.



- Install pressure hose -6-. The retainers must be installed starting at pressure sensor for seat occupied recognition -G452- -5- and continuing towards wiring harness connector -3-.





- Switch ignition on.



WARNING

- ◆ *Official seals must not be damaged during dismantling and assembling procedures.*
- ◆ *Ensure that nobody is in the vehicle.*

- Reconnect vehicle battery ⇒ Rep. Gr. 27 .

5.9 Importers reporting obligation

Following the installation of “repair kit for seat occupied recognition” and/or “belt force sensor”, the labels (only tear-off strips) of the new components must be stuck onto the “Registry note 2 for Airbag Systems”. For registration, the “Registry note 2 for Airbag Systems” must be sent on to the importer.

The “Registry note 2 for Airbag Systems” can be printed out of the “Technical Service Handbook”:

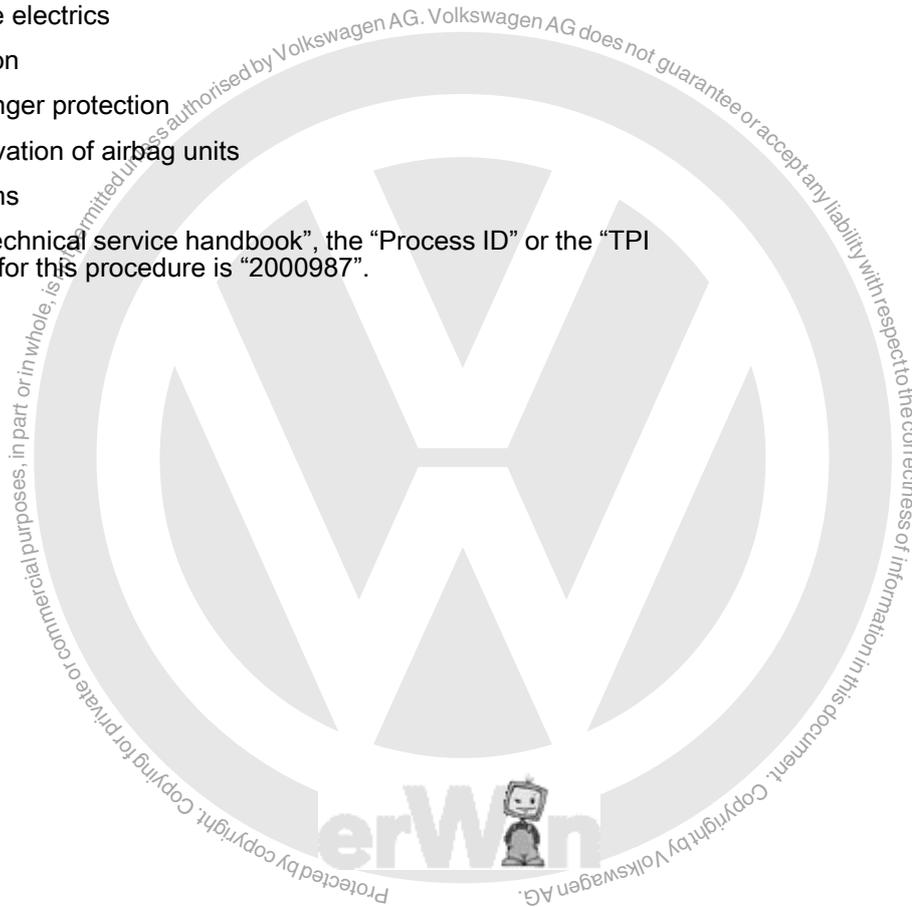
ElsaWin

→ Technical Service Handbook



- Technical product information
- Vehicle electrics
- Function
- Passenger protection
- Deactivation of airbag units
- Systems

In the "Technical service handbook", the "Process ID" or the "TPI number" for this procedure is "2000987".





6 Crash sensors

6.1 Removing and installing front door crash sensors (Golf 2004 ▶)



Note

Removal and installation are described for the right vehicle side.
Follow same instructions for the left side as appropriate.

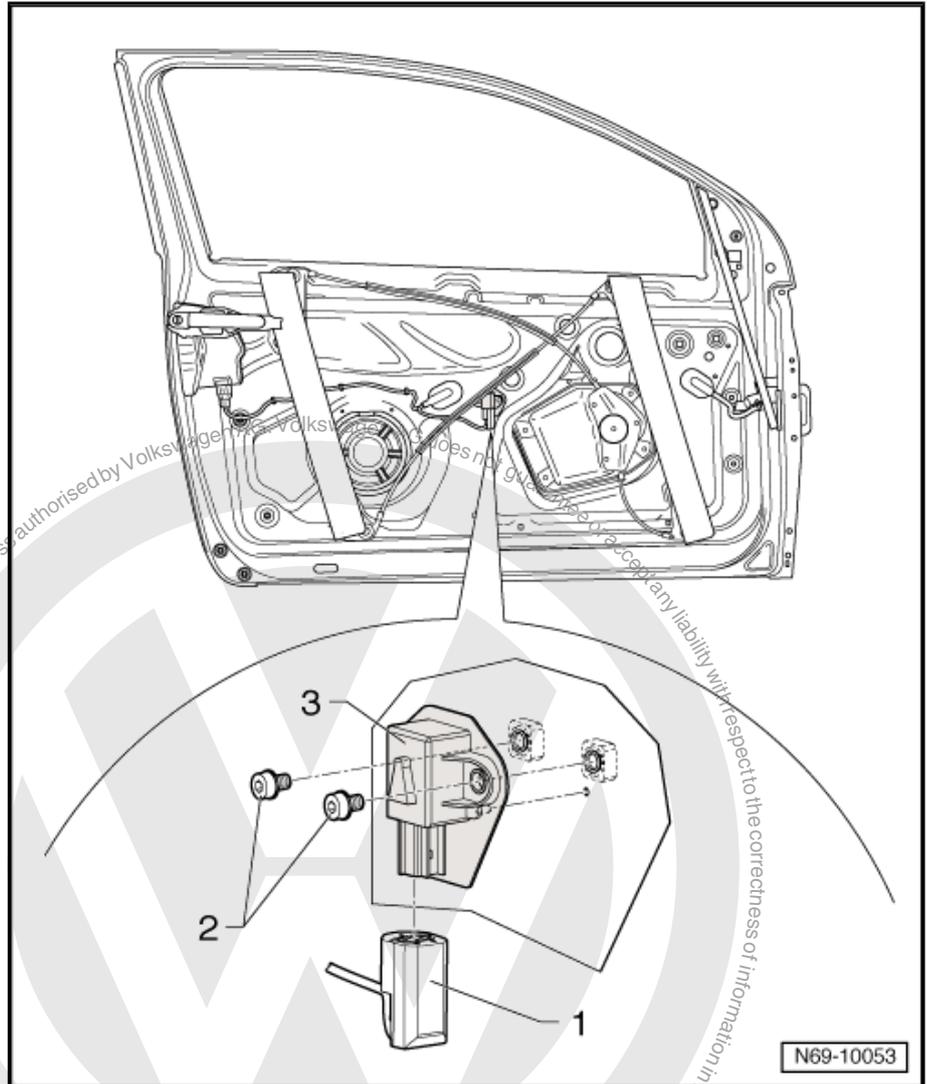
6.1.1 Removing



WARNING

Observe the general safety regulations when working on air-bag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ [page 90](#)

- Disconnect vehicle battery ⇒ Rep. Gr. 27 .
- Remove door outer panel ⇒ Rep. Gr. 57 .
- Disconnect wiring harness -1- from crash sensor -3-.
- Remove the two bolts -2- (2.5 Nm).



6.1.2 Installing

- Install in reverse order of removal.
- Switch ignition on.



WARNING

Ensure that nobody is in the vehicle.

- Reconnect vehicle battery ⇒ Rep. Gr. 27 .

6.2 Removing and installing side airbag crash sensor on driver side -G179- (Golf 2009 ▶)



Note

The side airbag crash sensor on driver side -G179- is installed on the front door assembly carrier.



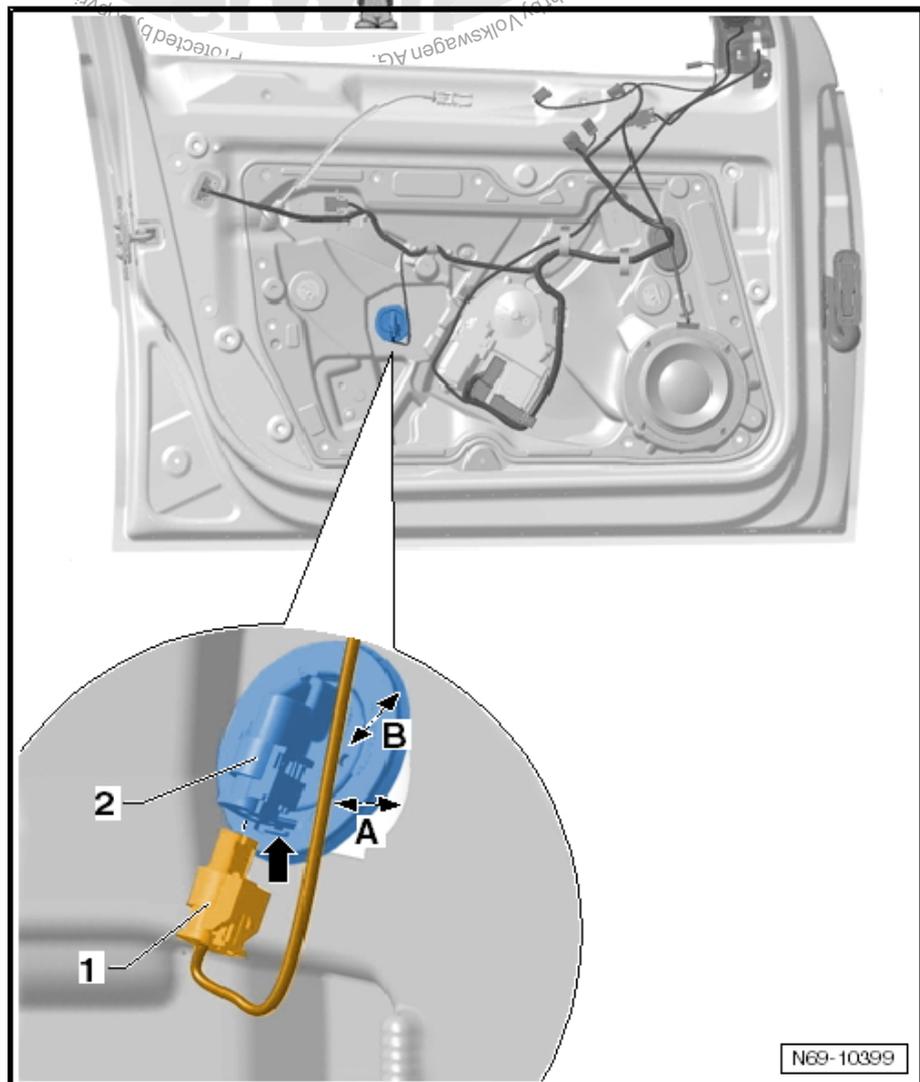
Removing



WARNING

Observe the general safety regulations when working on airbag, belt tensioner and battery isolator units (pyrotechnic components) => [page 90](#)

- Disconnect vehicle battery => Electrical system; Rep. Gr. 27 ; Disconnecting and reconnecting battery .
- Remove front door trim:
- ◆ Vehicles with 2 doors: => [page 212](#)
- ◆ Vehicles with 4 doors: => [page 215](#)
- Disconnect wiring harness -1- from side airbag crash sensor on driver side -G179- -2-.
- Press fastener -arrow- upwards using a screwdriver and release crash sensor from assembly carrier, arrows -A- and -B-.



N69-10399



Installing

- Install in reverse order of removal.
- Switch ignition on.



WARNING

Ensure that nobody is in the vehicle.

- Reconnect vehicle battery ⇒ Electrical system; Rep. Gr. 27 ; Disconnecting and reconnecting battery .

6.3 Removing and installing side airbag crash sensor on front passenger side - G180- (Golf 2009 ▶)



Note

The side airbag crash sensor on front passenger side -G180- is installed on the front door assembly carrier.



WARNING

Observe the general safety regulations when working on airbag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ [page 90](#)

- Disconnect vehicle battery ⇒ Electrical system; Rep. Gr. 27 ; Disconnecting and reconnecting battery .

- Remove front door trim:

◆ Vehicles with 2 doors: ⇒ [page 212](#)

◆ Vehicles with 4 doors: ⇒ [page 215](#)

Removal and installation of the side airbag crash sensor on front passenger side -G180- is similar to removal and installation of the side airbag crash sensor on driver side -G179- and the same instructions can therefore be derived from these:

- ◆ Removing and installing side airbag crash sensor on driver side -G179- (Golf 2009 ▶) ⇒ [page 177](#)

6.4 Removing and installing rear wheel housing crash sensors (2-door)



Note

Removal and installation is described for the right vehicle side. Follow same instructions for the left side as appropriate.



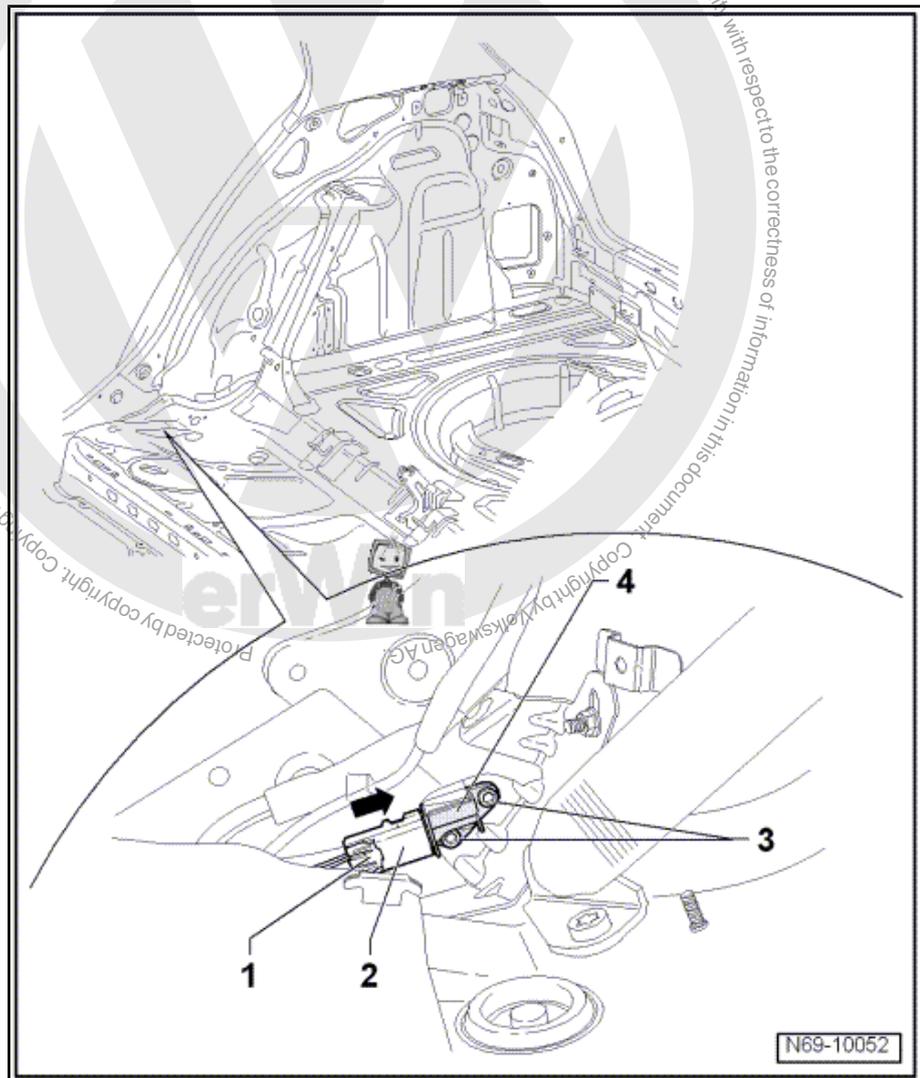
6.4.1 Removing



WARNING

Observe the general safety regulations when working on air-bag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ [page 90](#)

- Disconnect vehicle battery ⇒ Rep. Gr. 27 .
- Remove bench seat ⇒ [page 304](#) .
- Remove backrest ⇒ [page 305](#) .
- Remove B-pillar upper trim ⇒ [page 228](#) .
- Remove side panel trim ⇒ [page 233](#) .
- Press connector securing device -1- to rear -arrow- and pull connector -2- off crash sensor -4-.
- Remove the two bolts -3- (9 Nm).



N69-10052



6.4.2 Installing

- Install in reverse order of removal.
- Switch ignition on.



WARNING

Ensure that nobody is in the vehicle.

- Reconnect vehicle battery ⇒ Rep. Gr. 27 .

6.5 Removing and installing rear wheel housing crash sensors (4-door)



Note

*Removal and installation is described for the right vehicle side.
Follow same instructions for the left side as appropriate.*

6.5.1 Removing



WARNING

Observe the general safety regulations when working on airbag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ [page 90](#)

- Disconnect vehicle battery ⇒ Rep. Gr. 27 .
- Remove bench seat ⇒ [page 304](#) .

Vehicles >06/2005

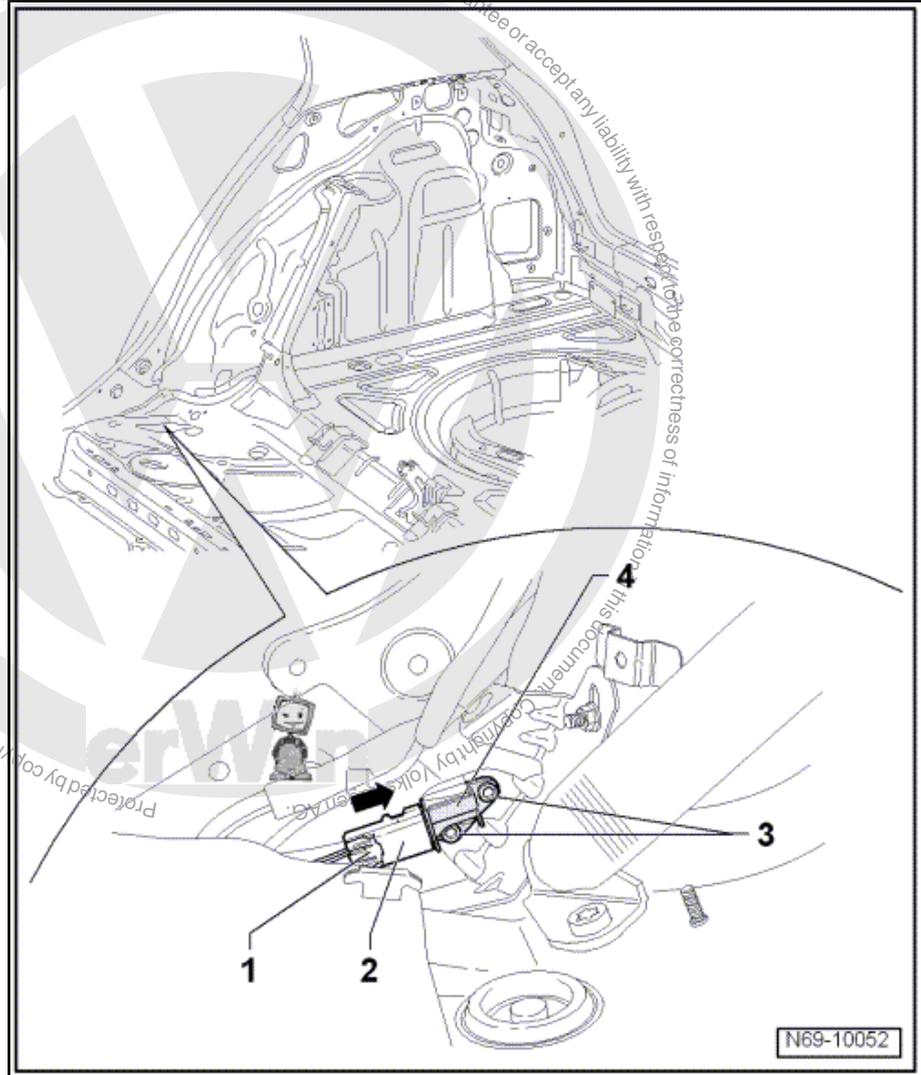
- Remove side padding (4-door):
 - ◆ With rear side airbags ⇒ [page 306](#)
 - ◆ with no rear side airbags ⇒ [page 307](#)
- Remove wheel housing trim (4-door) ⇒ [page 84](#)

Vehicles with rear side airbag, 06/2005 >

- Remove side padding (4-door):
 - ◆ with rear side airbags ⇒ [page 306](#)
- Remove wheel housing trim (4-door) ⇒ [page 84](#)

Vehicles without rear side airbag, 06/2005 >

- Remove wheel housing trim, 4-door, without rear side airbag ⇒ [page 85](#) .
- Press connector securing device -1- to rear -arrow- and pull connector -2- off crash sensor -4-.
- Remove the two bolts -3- (9 Nm).



6.5.2 Installing

- Install in reverse order of removal.
- Switch ignition on.



WARNING

Ensure that nobody is in the vehicle.

- Reconnect vehicle battery ⇒ Rep. Gr. 27 .



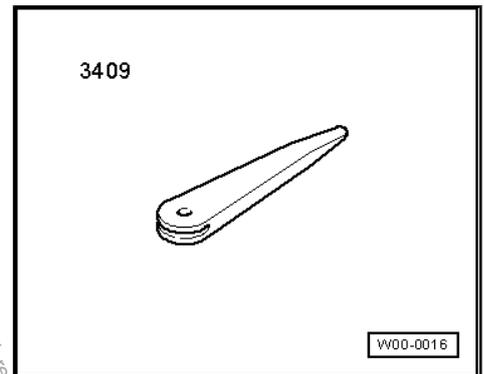
70 – Trim, insulation

1 Dash panel

1.1 Tools

1.1.1 Required special tools, workshop equipment, test and measuring devices and auxiliary items

- ◆ Removal wedge -3409-



1.2 Removing and installing dash panel

1.2.1 Removing

- Disconnect vehicle battery ⇒ Electrical system; Rep. Gr. 27 ; Disconnecting and reconnecting battery .
 - Remove driver side airbag ⇒ [page 120](#) .
 - Remove steering wheel ⇒ Running gear, axles, steering; Rep. Gr. 48 ; Removing and installing steering wheel .
 - Remove dash panel end trim ⇒ [page 60](#) .
 - Remove A-pillar centre trims ⇒ [page 224](#)
 - Remove upper A-pillar trims ⇒ [page 223](#) .
 - Release sill panel mouldings from body in transition to bottom A-pillar trim:
- ◆ Two-door ⇒ [page 81](#)
 - ◆ Four-door ⇒ [page 82](#)
- Remove lower A-pillar trim on front passenger side ⇒ [page 227](#) .
 - Remove bonnet release lever ⇒ Rep. Gr. 55
 - Remove lower A-pillar trim on driver side ⇒ [page 225](#) .

Golf 2004 ▶

- Remove centre cover (Golf 2004 ▶) ⇒ [page 68](#)
 - Remove centre console:
- ◆ Basic (Golf 2004 ▶) ⇒ [page 6](#)
 - ◆ Highline (Golf 2004 ▶) ⇒ [page 15](#)



- Remove dash panel centre vent.
- ◆ Vehicles with no Climatronic ⇒ [page 48](#)
- ◆ Vehicles with Climatronic ⇒ [page 50](#)
- Remove dash panel centre trim ⇒ [page 58](#) .

Golf 2009 ▶

- Remove dash panel central trim (Golf 2009 ▶) ⇒ [page 59](#)
- Remove air conditioner controls unit / heater controls unit trim (Golf 2009 ▶) ⇒ [page 59](#)
- Remove centre cover (Golf 2009 ▶) ⇒ [page 68](#)
- Remove centre console:
- ◆ Basic (Golf 2009 ▶) ⇒ [page 10](#)
- ◆ Highline (Golf 2009 ▶) ⇒ [page 24](#)

All vehicles

- Remove glove compartment ⇒ [page 69](#) .

Vehicles with radio system

- Remove radio ⇒ Communication; Rep. Gr. 91 ; Removing and installing radio unit and radio navigation system .

Golf 2009 ▶

- Remove storage compartment in centre of dash panel (Golf 2009 ▶) ⇒ [page 53](#)

All vehicles

Vehicles with navigation

- Remove display and controls unit for navigation system ⇒ Communication; Rep. Gr. 91 ; Removing and installing radio and radio navigation system .

Vehicles with Climatic or Climatronic

- Remove controls for Climatic or Climatronic ⇒ Heating, air conditioning system; Rep. Gr. 87 .
- Vehicles with Climatic, disconnect connector on centre vent temperature sender -G191- or on vehicles with Climatronic, disconnect left vent temperature sender -G150- and right vent temperature sender -G151- ⇒ Heater, air conditioning system; Rep. Gr. 87

Vehicles with heating

- Remove heater controls ⇒ Heater, air conditioning system; Rep. Gr. 80 ; Repairing heater; Removing and installing regulation for hot air and fresh air .

Golf 2009 ▶

- Remove vent in middle of dash panel (Golf 2009 ▶) ⇒ [page 56](#)

All vehicles

- Remove steering column trim ⇒ [page 61](#) .
- Remove steering column electronics control unit -J527- ⇒ Electrical system; Rep. Gr. 94 ; Steering column switch; Removing and installing steering column electronics control unit -J527- .
- Remove airbag coil connector and return ring with slip ring - F138- ⇒ Electrical system; Rep. Gr. 94 ; Steering column



switch; Removing and installing airbag coil connector and return ring with slip ring -F138- .

- Remove steering angle sender -G85- ⇒ Electrical system; Rep. Gr. 94 ; Steering column switch; Removing and installing steering angle sender -G85- .
- Remove turn signal switch -E2- ⇒ Electrical system; Rep. Gr. 94 ; Steering column switch; Removing and installing turn signal switch .
- Remove windscreen wiper switch -E- ⇒ Electrical system; Rep. Gr. 94 ; Steering column switch; Removing and installing windscreen wiper switch -E- .
- Remove dash panel insert ⇒ Electrical system; Rep. Gr. 90 ; Renewing dash panel insert .
- Remove left trim on driver side ⇒ [page 62](#) .
- Remove right trim on driver side ⇒ [page 64](#) .
- Remove footwell cover on driver side ⇒ [page 74](#) (if fitted).

Vehicles with mobile telephone holder on dash panel

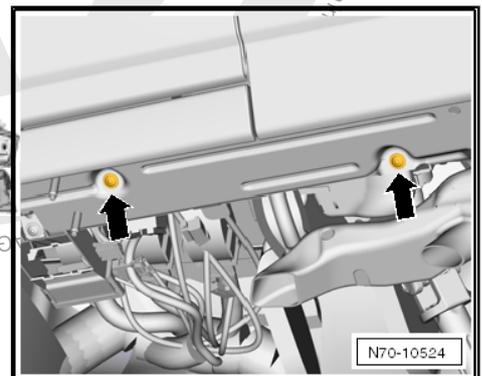
- Disconnect wiring harness to mobile telephone holder ⇒ Communication; Rep. Gr. 91 ; Telephone systems; Preparation for telephone system/universal telephone system; Removing and installing telephone holder

All vehicles

- Remove lower bolt from fuse holder in dash panel on driver side ⇒ Rep. Gr. 97
- If sunlight penetration photosensor -G107- or sunlight penetration photosensor 2 -G134- is fitted, remove it ⇒ Heating, air conditioning; Rep. Gr. 87 ; Climatronic - air conditioning with automatic regulation; Removing sunlight penetration photosensor -G107- or sunlight penetration photosensor 2 -G134- .

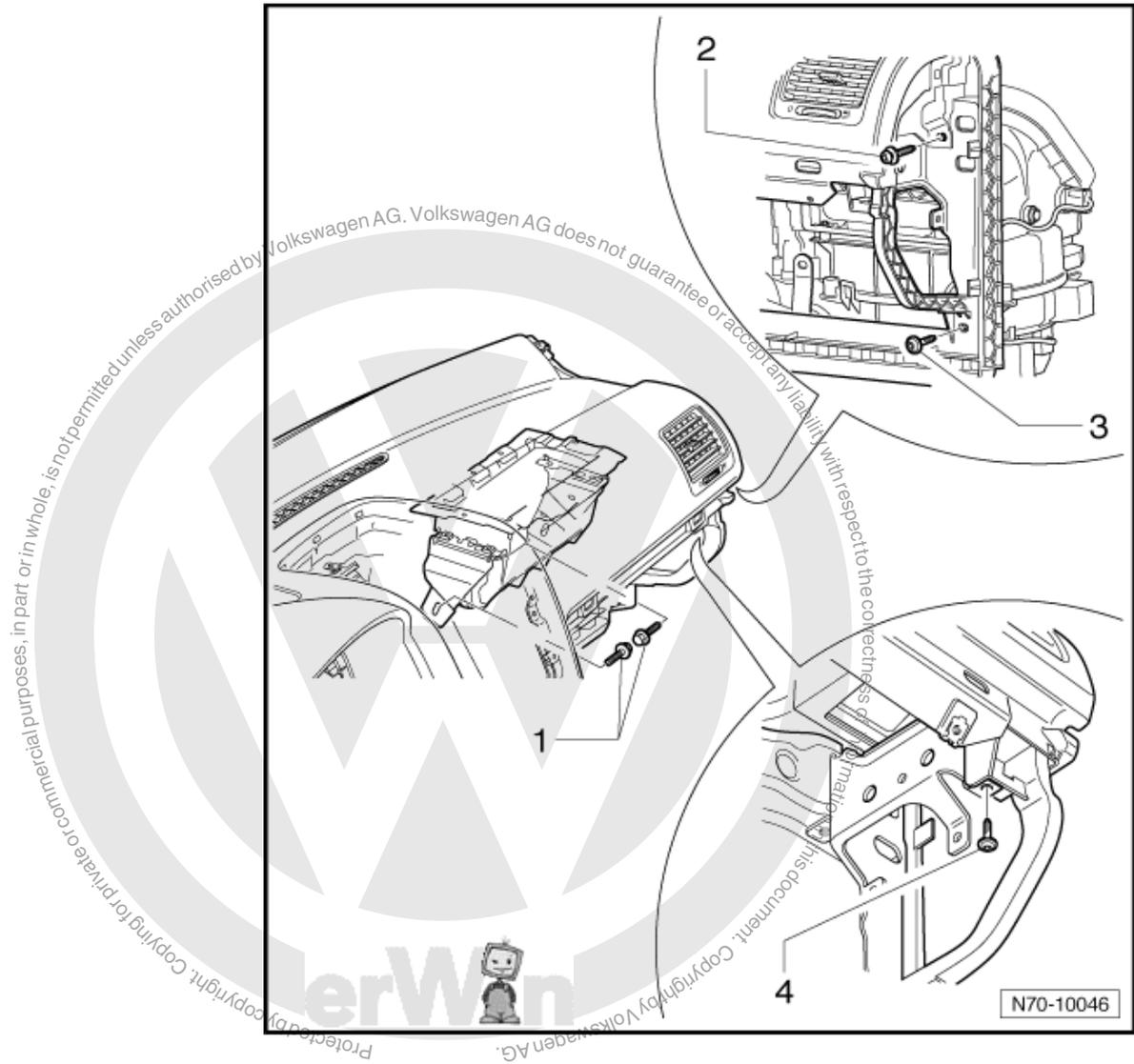
Golf 2009 ▶

- Remove knee airbag (Golf 2009 ▶) ⇒ [page 128](#)
- Remove the two bolts -arrows- (1.5 Nm).

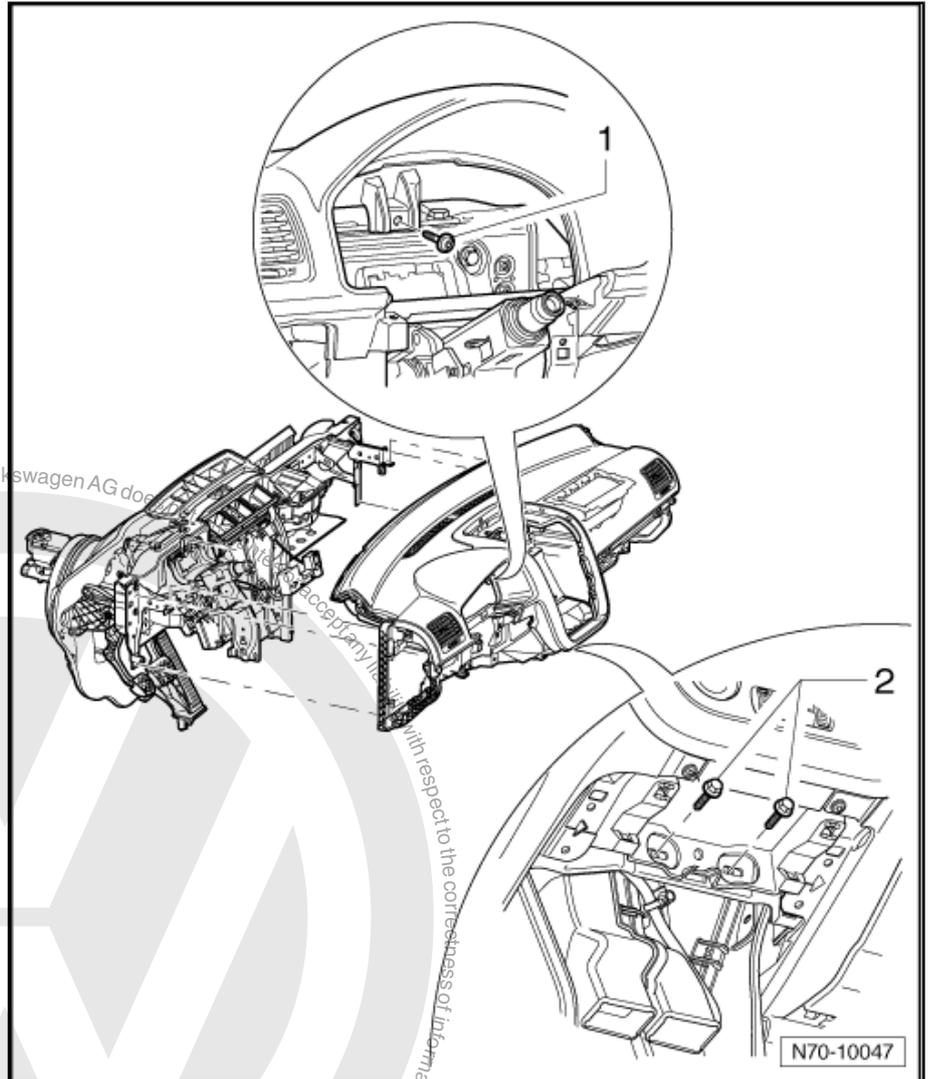


All vehicles

- Remove the two bolts -1- (9 Nm) from front passenger airbag.
- Disconnect wiring harness from front passenger airbag.
- Remove bolt -2- (3 Nm).
- Remove bolts -3- and -4- (3 Nm).

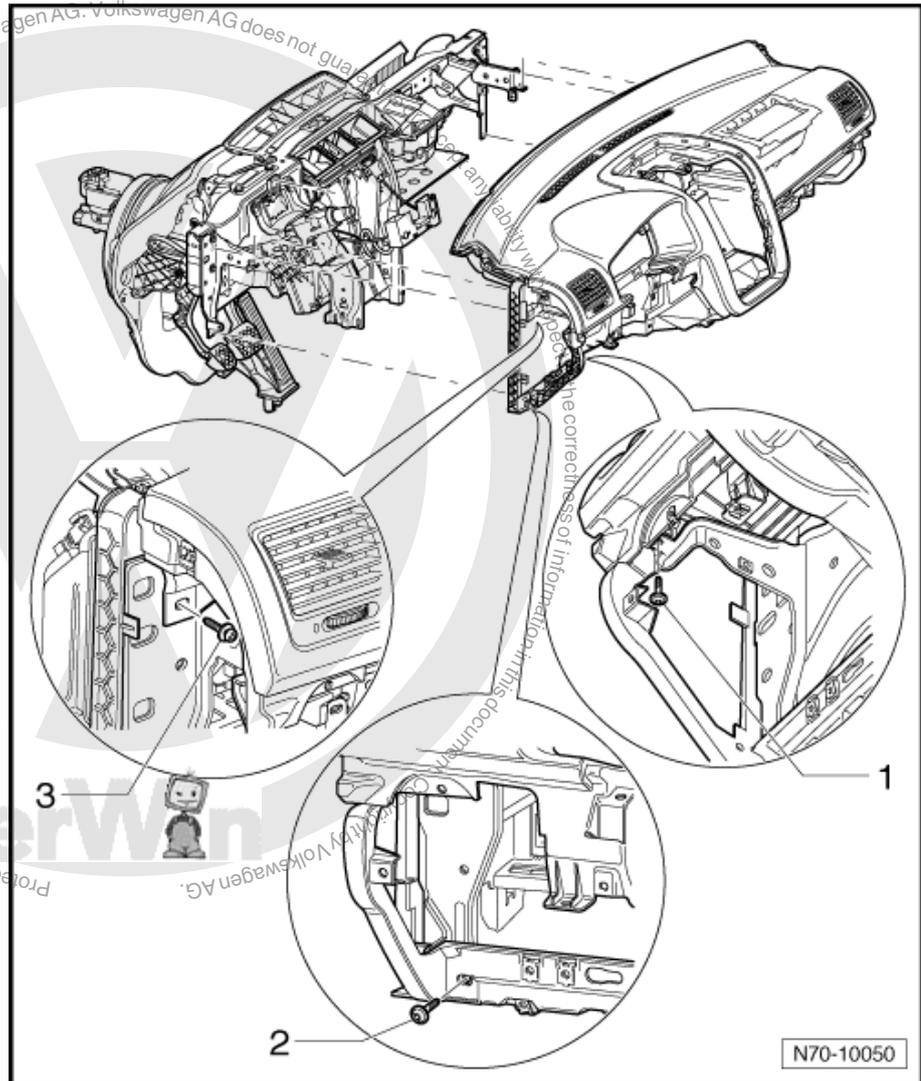


- Remove bolt -1- (3 Nm).
- Remove the two bolts -2- (8 Nm) above the tunnel.



Remove bolts -1-, -2- and -3- (3 Nm).



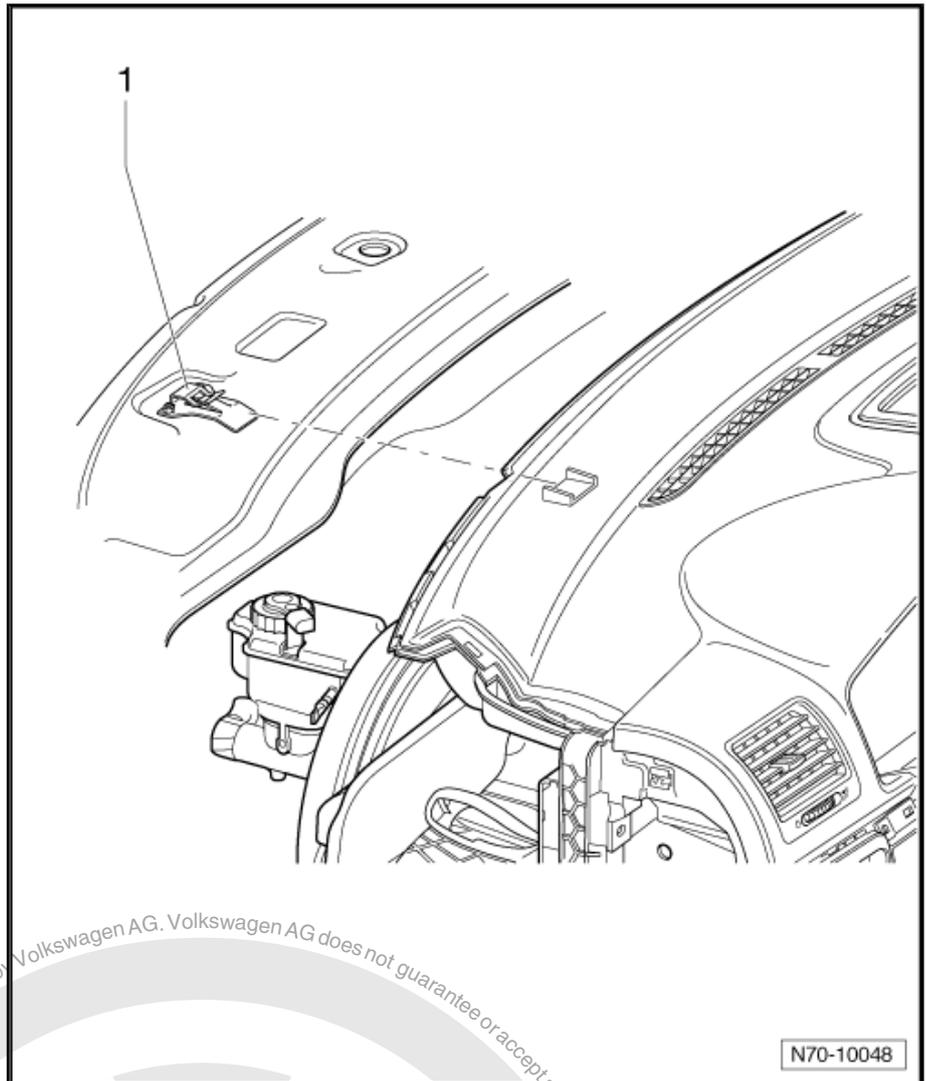


- Pull dash panel out of mountings -1- in area of transition to windscreen.
- Release respective wiring harnesses (dependent on vehicle equipment) and take dash panel out of vehicle with assistance of a second mechanic.



Note

When installing dash panel, ensure that dash panel is positioned exactly in mountings -1-.



1.2.2 Installing

- Install in reverse order of removal.

1.3 Removing and installing dash panel cross member (RHD models)

1.3.1 Removing

If you release or remove and install electrical cables, produce sketches or take photos. This guarantees installation in the original position.

- Disconnect vehicle battery ⇒ Electrical system; Rep. Gr. 27 ; Disconnecting and reconnecting battery .
- Remove dash panel ⇒ [page 183](#) .

Golf 2009 ▶

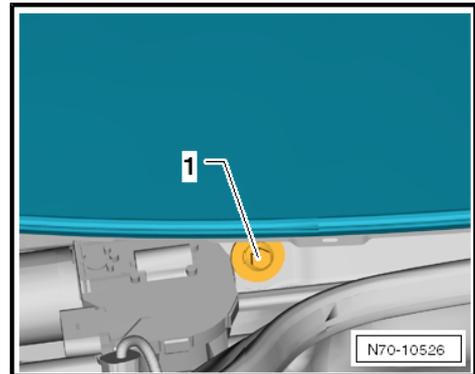
- Remove footwell vent on driver side ⇒ Heater, air conditioning system; Rep. Gr. 80 ; Repairing heater, passenger compartment; Removing and installing vents; Removing footwell vent on driver side .



- Remove knee airbag bracket (Golf 2009 ▶) RHD models
⇒ [page 132](#) .

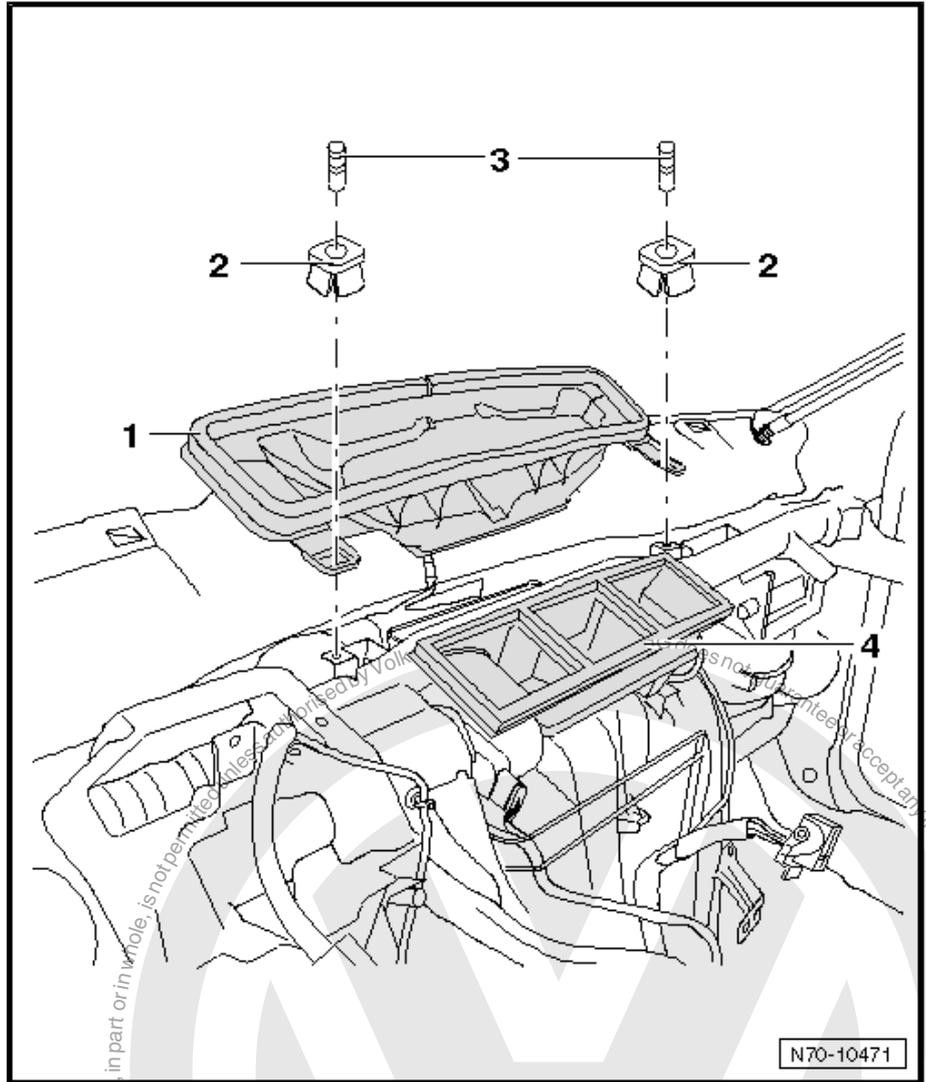
All vehicles

- Remove wiper arms ⇒ Electrical system; Rep. Gr. 92 ; Wind-screen wiper system; Removing and installing windscreen wiper system; Removing wiper arms .
- Remove plenum chamber cover ⇒ General body repairs, exterior; Rep. Gr. 50 ; Plenum chamber cover; Removing plenum chamber cover .
- Loosen bolt -1- in plenum chamber by 5 to 6 rotations (20 Nm).



- Press out the two spreader pins -3- upwards.
- Pull out both spreader rivets -2-.
- Remove intermediate pieces -1- and -4- from heater and air conditioning unit.





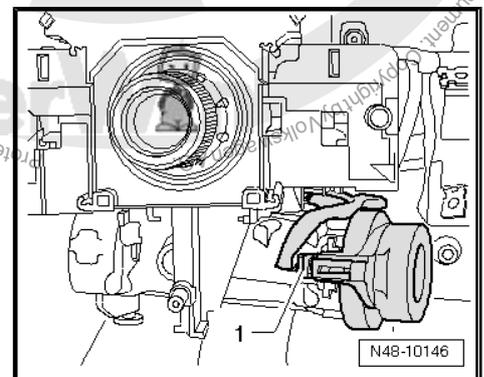
i Note

When removing cross member, note position of electrical lines and their attachment; produce sketches or take photos if necessary!

- Disconnect wiring harness -1- from immobiliser reader coil - D2- .
- Disconnect steering column from cross member => Running gear, axles, steering; Rep. Gr. 48 ; Steering column and steering wheel; Assembly overview - steering column, left-hand drive vehicles .
- Depending on equipment installed in vehicle, loosen electrical wiring from cross member.

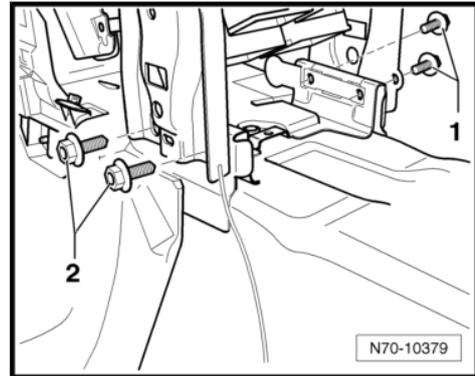
i Note

Note position of electrical wiring and their attachment; produce sketches or take photos if necessary!

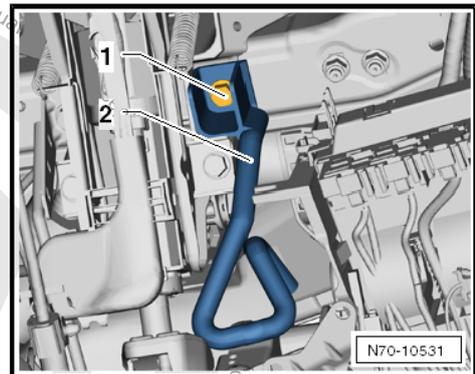




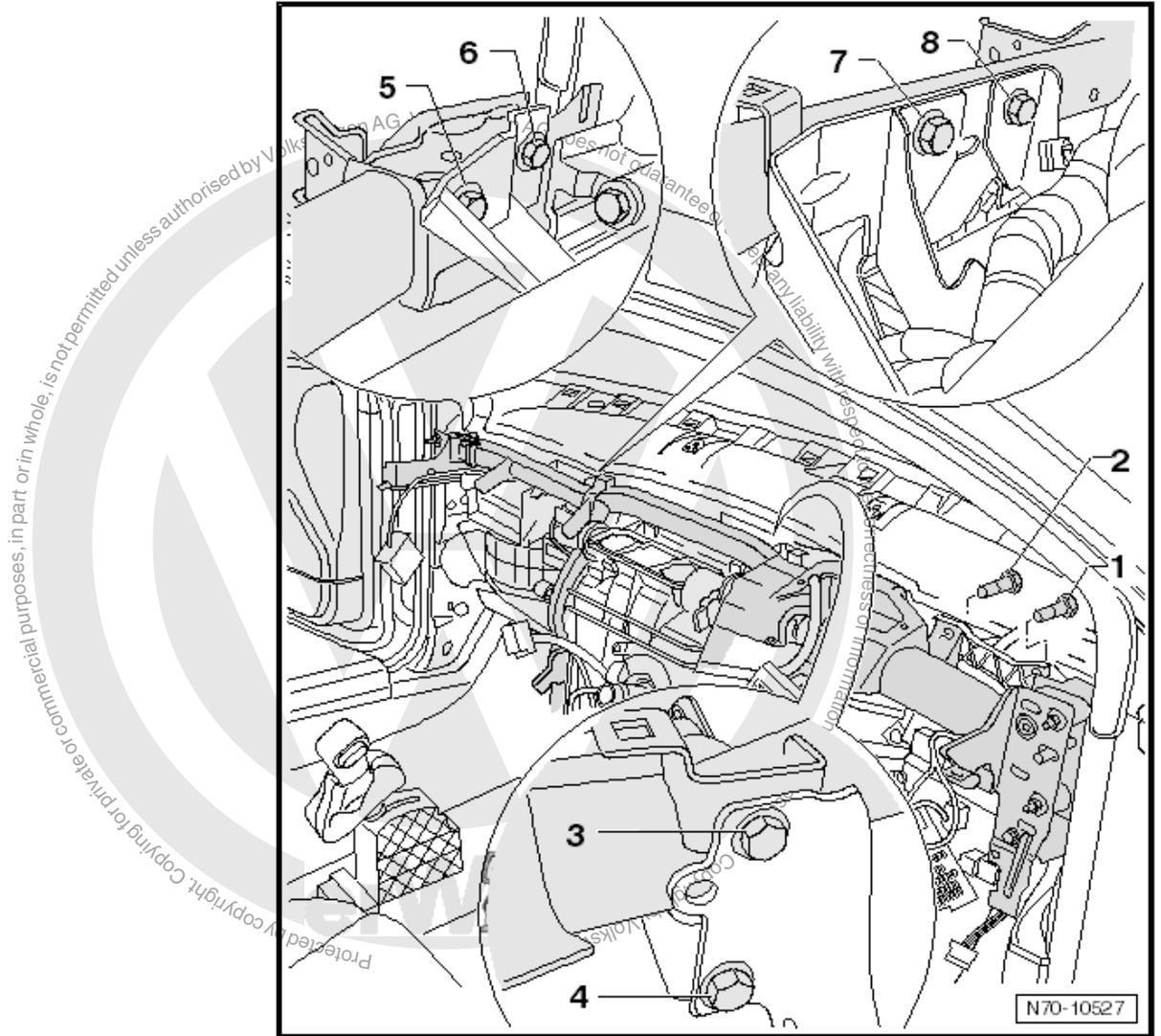
- Unscrew 2 bolts each on left and right -1- and -2- (20 Nm).



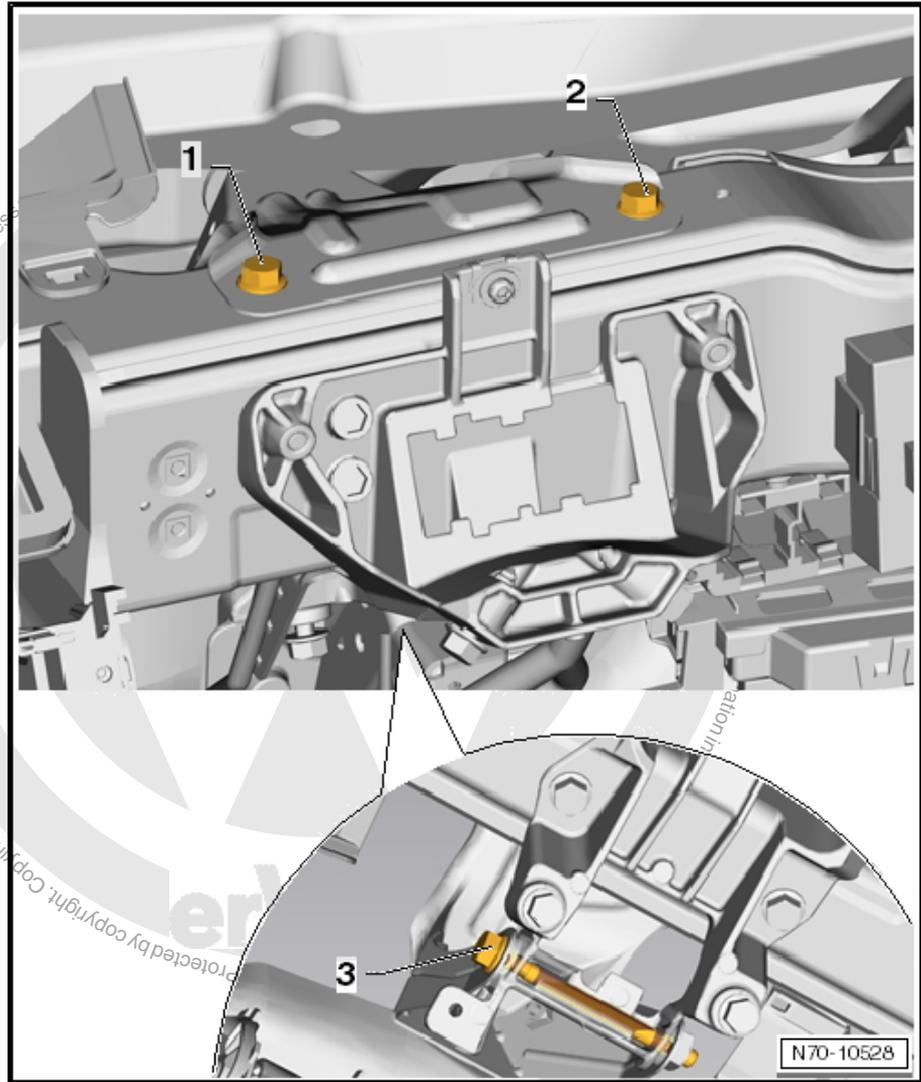
- Remove bolt -1- (20 Nm) above brake pedal and remove strut -2-.



- Remove bolts -1- and -2- (4.5 Nm).
- Remove both bolts -3- and -4- (9 Nm).
- Remove bolts -5- and -6- (4.5 Nm).
- Remove both bolts -7- and -8- (9 Nm).



- Remove both bolts -1- and -2- (20 Nm).
- Remove bolt -3- (20 Nm).



Note

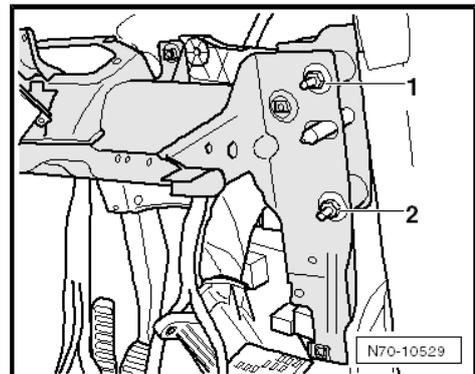
In area of nuts -1- and -2-, use a scribe to mark vertical and horizontal position of cross member in vehicle.

- Unscrew nuts -1- and -2- on driver side (20 Nm).



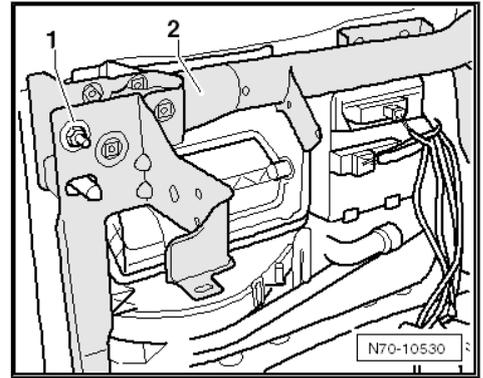
Note

In area of nut -1-, use a scribe to mark vertical and horizontal position of cross member in vehicle.





- Unscrew nut -1- on front passenger side (20 Nm).
- Release wiring harness fasteners, depending on vehicle equipment level, from cross member.
- With aid of second mechanic, carefully lift cross member -2- out of vehicle.



1.3.2 Installing

- Install in reverse order of removal.



Note

Before securing cross member, align member using marks made during removal.

1.4 Removing and installing dash panel cross member (LHD models)

If you release or remove and install electrical cables, produce sketches or take photos. This guarantees installation in the original position.

1.4.1 Removing

- Disconnect vehicle battery => Electrical system; Rep. Gr. 27 ; Disconnecting and reconnecting battery .

- Remove dash panel => [page 183](#)

Golf 2009 >

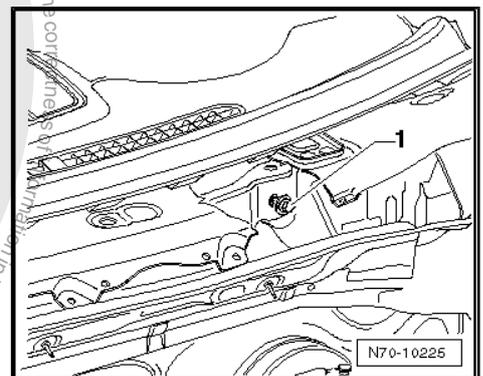
- Remove knee airbag bracket (Golf 2009 >) RHD models => [page 132](#)

All vehicles

- Remove wiper arms => Electrical system; Rep. Gr. 92 ; Windscreen wiper system; Removing and installing windscreen wiper system; Removing wiper arms .

Remove plenum chamber cover => General body repairs, exterior; Rep. Gr. 50 ; Plenum chamber cover; Removing plenum chamber cover .

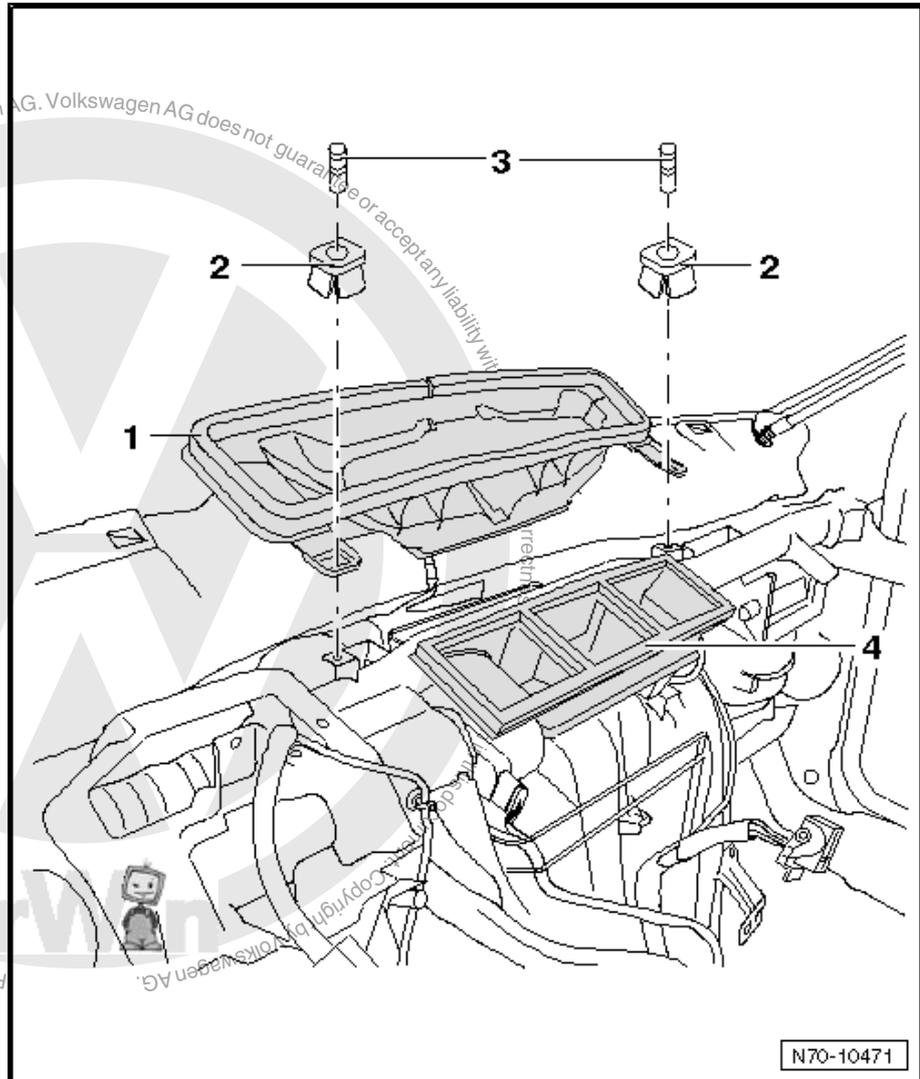
- Unscrew bolt -1- in plenum chamber (20 Nm).



- Press out the two spreader pins -3- upwards.



- Pull out both spreader rivets -2-.
- Remove intermediate pieces -1- and -4- from heater and air conditioning unit.

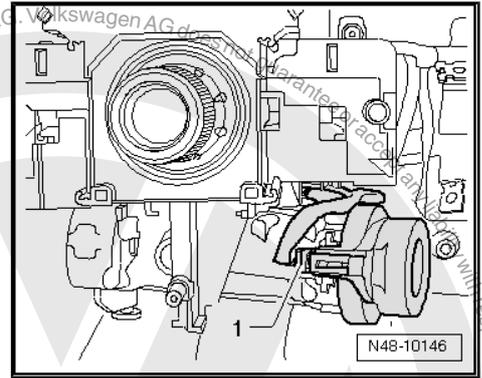


Note

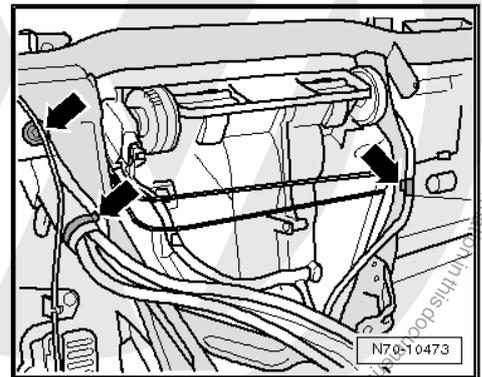
When removing cross member, note position of electrical lines and their attachment; produce sketches or take photos if necessary!



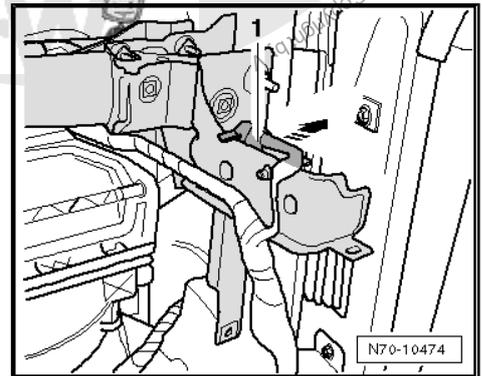
- Disconnect wiring harness -1- from immobiliser reader coil - D2- .
- Disconnect steering column from cross member - Running gear, axles, steering; Rep. Gr. 48 ; Steering column and steering wheel; Assembly overview - steering column, left-hand drive vehicles .



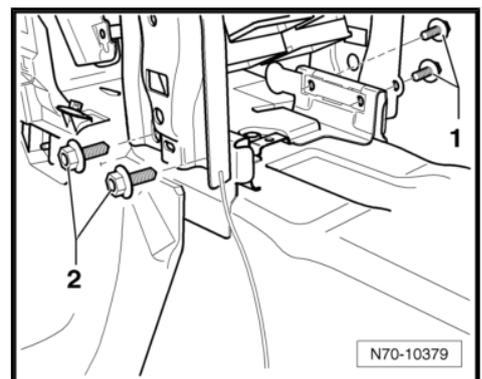
- Release wiring harnesses from cross member -arrows-.



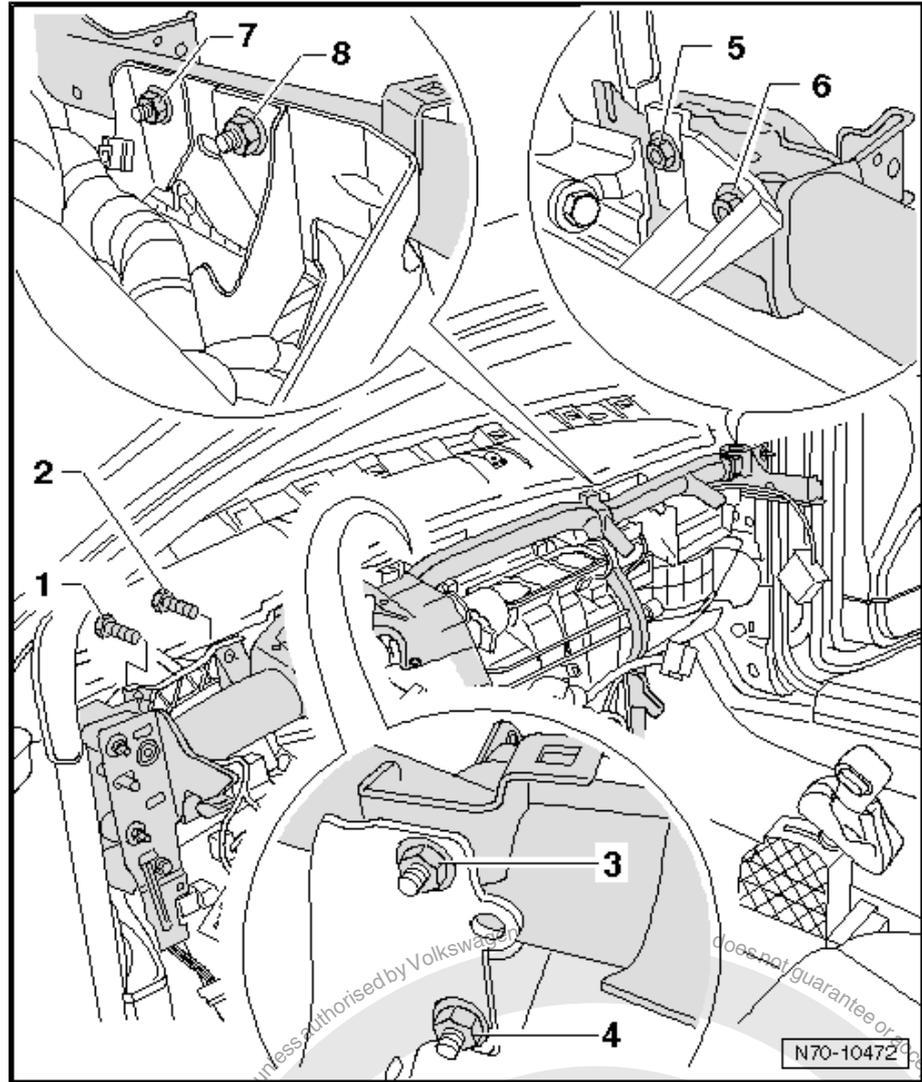
- Separate wiring retainer -1- from cross member on both sides of vehicle -arrow-.



- Unscrew two bolts each on left and right -1- and -2- (20 Nm).



- Remove bolts -1- and -2- (4.5 Nm).
- Unscrew the two nuts -3- and -4- (9 Nm).
- Remove bolts -5- and -6- (4.5 Nm).
- Unscrew the two nuts -7- and -8- (8 Nm).



Note

In area of nuts -1- and -2-, use a scribe to mark vertical and horizontal position of cross member in vehicle.

- Unscrew the two nuts -1- and -2- on driver side (20 Nm).



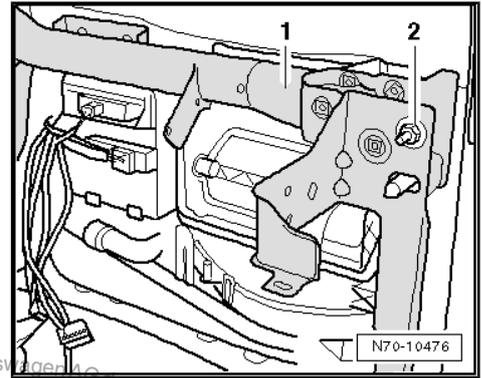
Note

In area of nut -2-, use a scribe to mark vertical and horizontal position of cross member in vehicle.





- Unscrew nut -2- on front passenger side (20 Nm).
- Release wiring harness fasteners, depending on vehicle equipment level, from cross member.
- Pull cross member -1- about 2 cm to the rear.

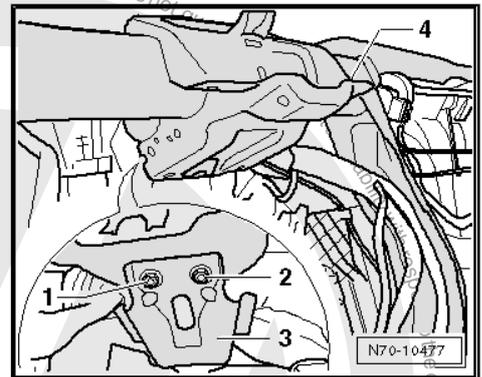


- Remove bolts -1- and -2- (9 Nm).
- Remove support plate -3- from cross member -4-.

i Note

When removing cross member, note position of electrical lines and their attachment; produce sketches or take photos if necessary!

- With aid of second mechanic, carefully lift cross member -4- out of vehicle.



1.4.2 Installing

- Install in reverse order of removal.

i Note

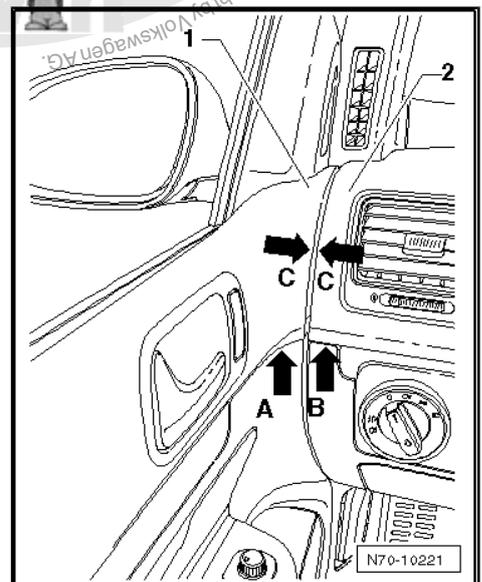
Before securing cross member, align member using marks made during removal.

1.5 Aligning dash panel in vehicle (Golf 2004 ▶)

The height of the dash panel is set correctly when no offset exists between the gap of the door trim -arrow A- and dash panel -arrow B-.

The difference in height between the upper edge of the door trim -1- and the upper edge of the dash panel -2- is 3 mm ± 1 mm.

There is no requirement to adjust the position of the dash panel to increase the gap between the door trim and the dash panel -arrow C-.





- Open door and remove bolt -1- (2 Nm).
- Hold a respectively thick cloth on the left side of the dash panel and close the door.

This action pushes the door trim closer to the door and the gap between the door trim and the dash panel increases respectively. A realignment of the dash panel is therefore not necessary.



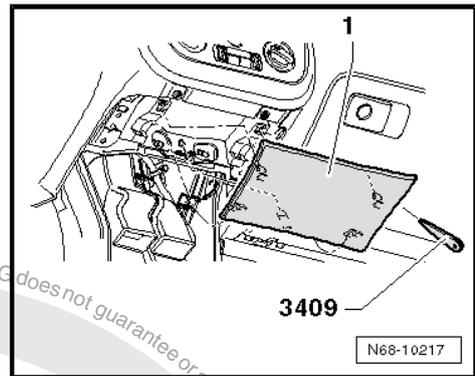
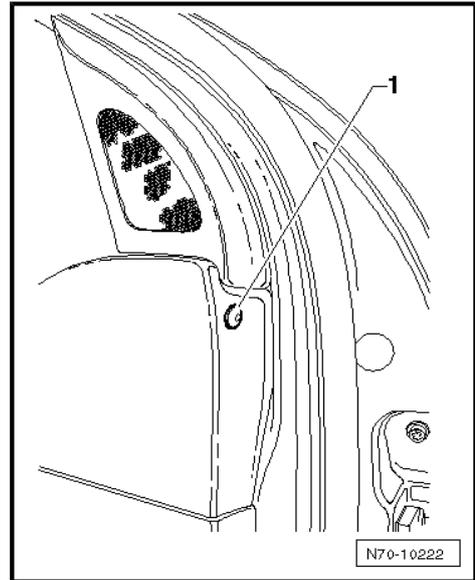
Note

Apply the same procedures for the front passenger side.

Aligning dash panel

The dash panel can be aligned in the vertical and transverse plains.

- Remove wiper arms ⇒ Rep. Gr. 92 .
- Remove plenum chamber cover ⇒ Rep. Gr. 64 .
- Remove dash panel end trim ⇒ [page 60](#) .
- Lever cover -1- out of mounting using removal wedge -3409- .

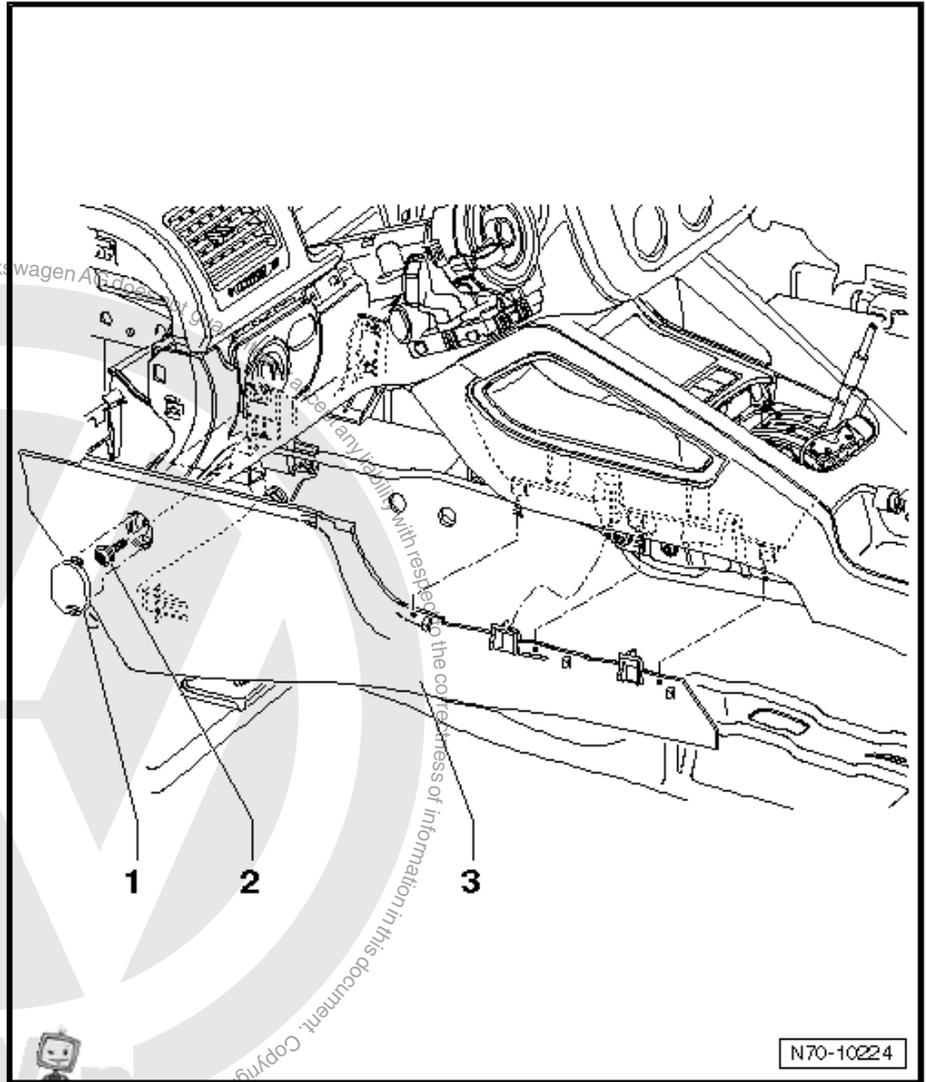


- Using a small screwdriver, unclip cover -1- from trim.
- Remove bolt -2- (1.5 Nm).
- Pull left footwell trim -3- out of mountings.

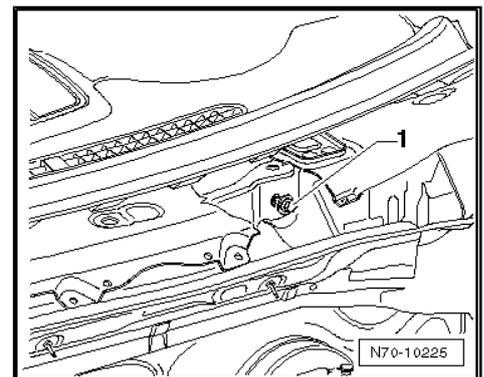


Note

Removal of right footwell trim is identical.



- Loosen bolt -1- in plenum chamber by 2-3 rotations.

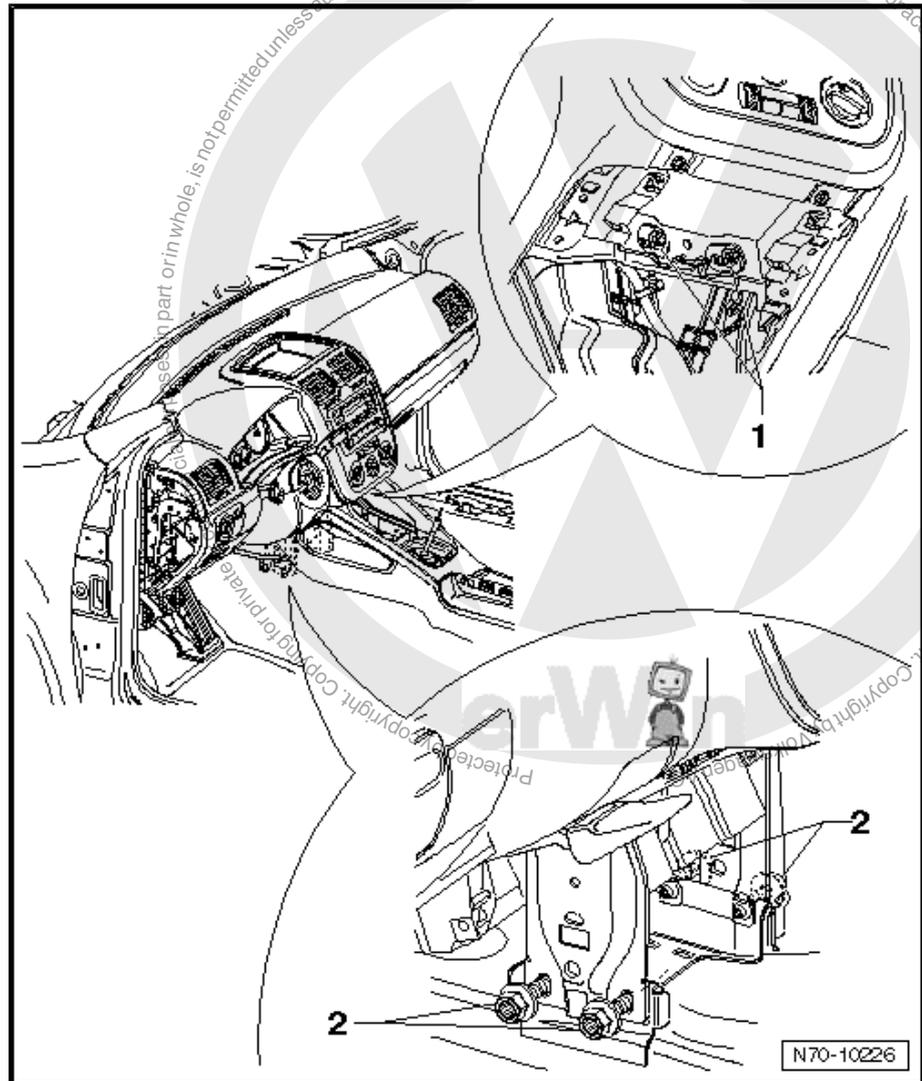


- Loosen the two bolts under the heating/air conditioning controls -1- 2 to 3 turns (9 Nm).

i Note

Other bolts in this area need not be loosened.

- Loosen the four bolts -2- in the area of the tunnel 2 to 3 turns (20 Nm).



- On the right side loosen the nut -1- 2 to 3 turns (18 Nm).
- On the left side loosen the fuse holder securing bolt -3- (2 Nm).
- Loosen the two nuts -4- 2 to 3 turns (18 Nm).

Aligning height of dash panel

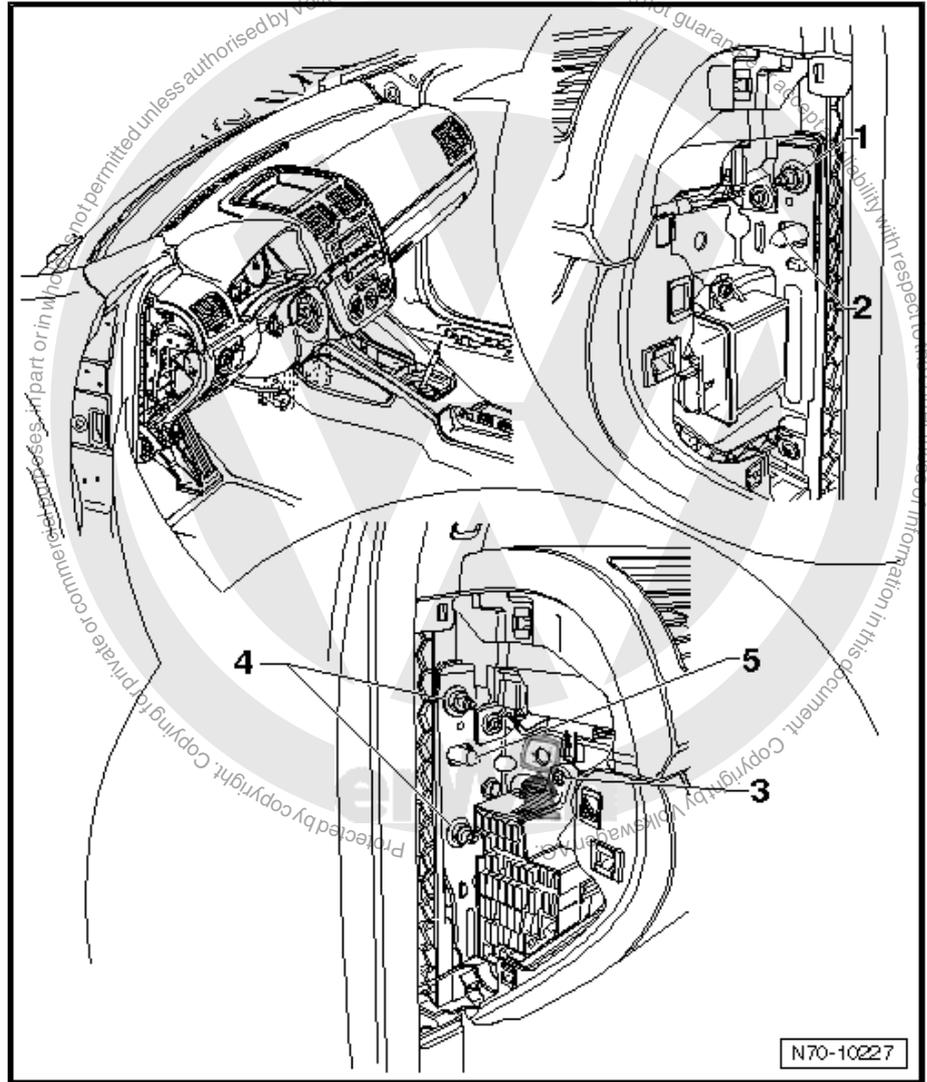


Note

- ◆ *The height of the dash panel is set using eccentric bolts -2- and -5-.*
 - ◆ *In the default position the longer surface of the eccentric faces the outside of the vehicle.*
 - ◆ *The eccentric must not be turned further than $\pm 90^\circ$ from the default position.*
- Set the required height of the dash panel using eccentric bolts -2- and -5-.

Aligning dash panel horizontally

- Slide dash panel to desired position.



- Tighten dash panel securing bolts to prescribed torque after aligning within vehicle.

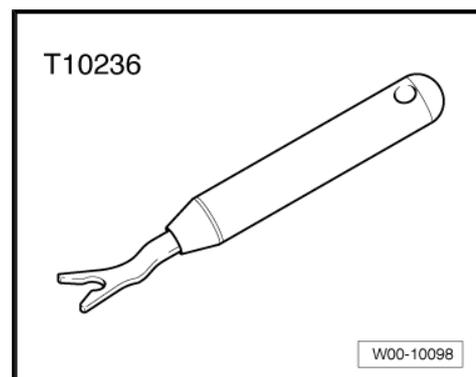
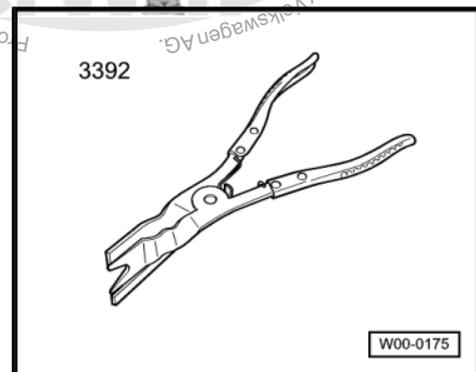
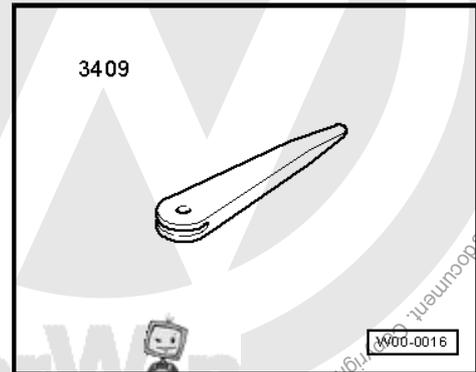
Installation of removed components is basically the reverse of removal.



2 Door trim (Golf 2004 ▶)

2.1 Tools

2.1.1 Required special tools, workshop equipment, test and measuring devices and auxiliary items



- ◆ Removal wedge -3409-
- ◆ Removal pliers -3392-
- ◆ Release tool -T10236-

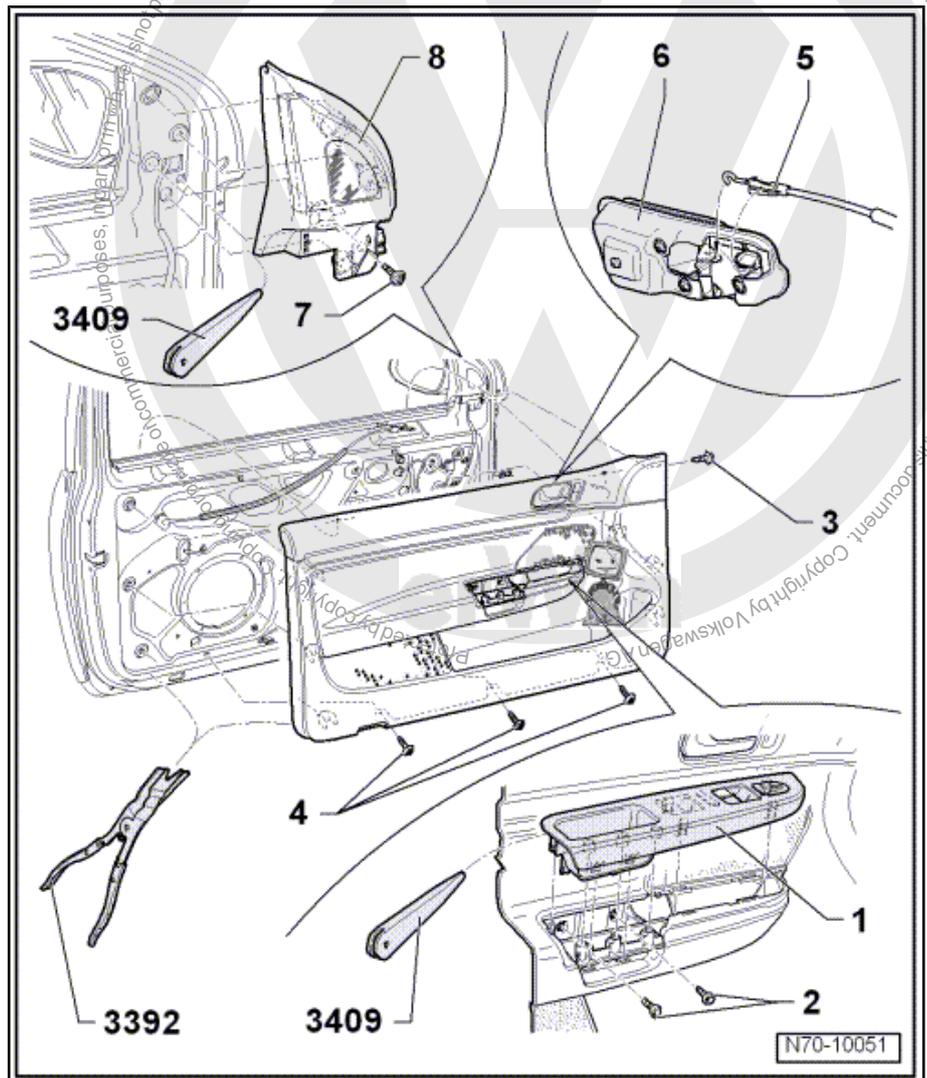
2.2 Removing and installing front door trim on driver side

2.2.1 Removing

- Switch off ignition.
- Using a removal wedge -3409- , lever upper part of door handle recess -1- upwards out of mountings in door.



- Depending on vehicle equipment, disconnect wiring harnesses from upper part of door handle recess.
- Remove the two bolts -2- in area of grip moulding (4 Nm).
- Remove bolt -3- and the three bolts -4- (2 Nm).
- Using removal pliers -3392- , release bottom section of door trim from mountings.
- Using removal pliers -3392- , release sides of door trim from mountings.
- Pull door trim upwards vertically out of window slot.
- If vehicle is equipped with a radio system, disconnect wiring harness from loudspeaker.
- Disconnect wiring harness of door trim from door control unit.
- Detach Bowden cable -5- from interior door handle mechanism -6-.
- Remove bolt -7- (2 Nm) and lever triangular mirror cover -8- out of fasteners using removal wedge -3409- .
- If vehicle is equipped with a radio system, disconnect loudspeaker wiring harness from cover.





2.2.2 Installing

- Install in reverse order of removal.



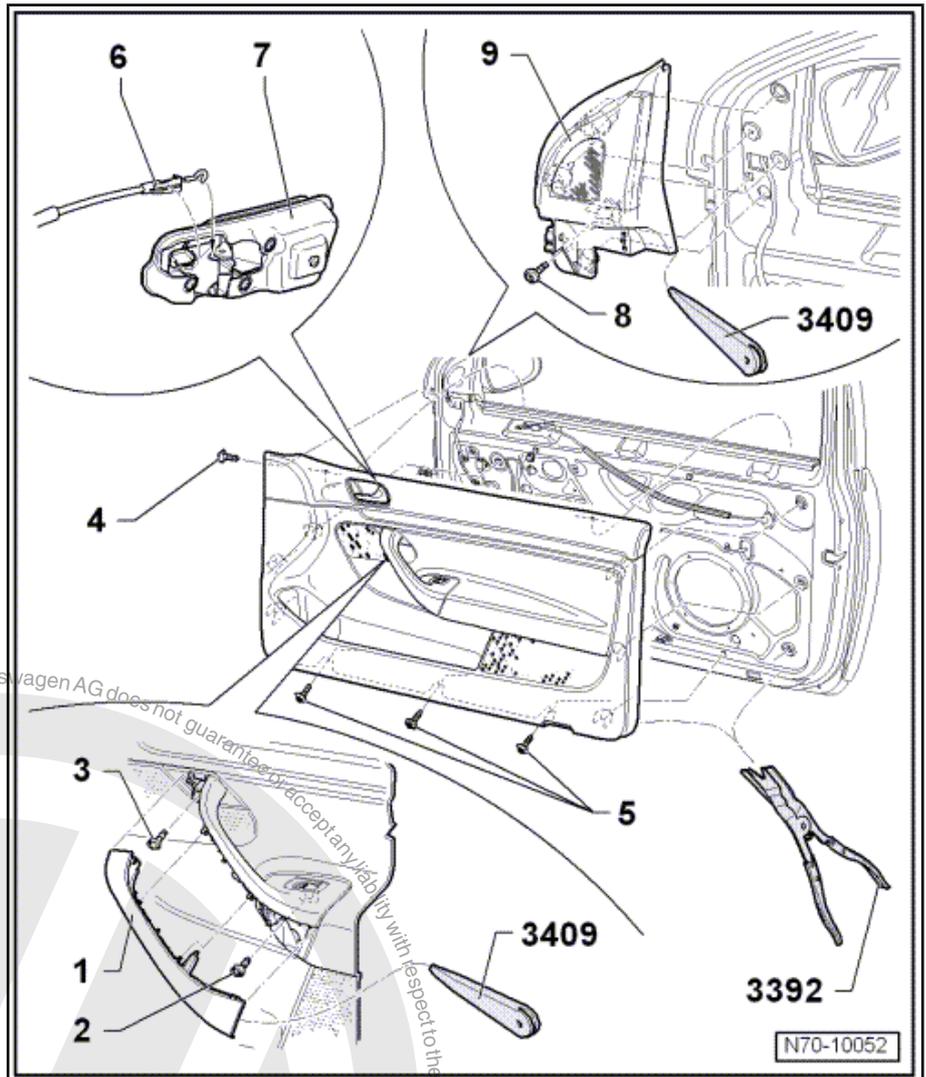
Note

Before installing, check securing clips for damage and renew if necessary.

2.3 Removing and installing front door trim on passenger side

2.3.1 Removing

- Switch off ignition.
- Using a removal wedge -3409- , lever upper part of handle recess -1- out of door handle in door trim.
- Remove bolts -2- and -3- (4 Nm).
- Remove bolt -4- and the three bolts -5- (2 Nm).
- Using removal pliers -3392- , release bottom section of door trim from mountings.
- Using removal pliers -3392- , release sides of door trim from mountings.
- Pull door trim upwards vertically out of window slot.
- If vehicle is equipped with a radio system, disconnect wiring harness from loudspeaker.
- Disconnect wiring harness of door trim from door control unit.
- Detach Bowden cable -6- from interior door handle mechanism -7-.
- Remove bolt -8- (2 Nm) and lever triangular mirror cover -9- out of fasteners using wedge -3409- .
- If vehicle is equipped with a radio system, disconnect loudspeaker wiring harness from cover.



2.3.2 Installing

- Install in reverse order of removal.

i Note

Before installing, check securing clips for damage and renew if necessary.

2.4 Removing and installing door lining trim strip

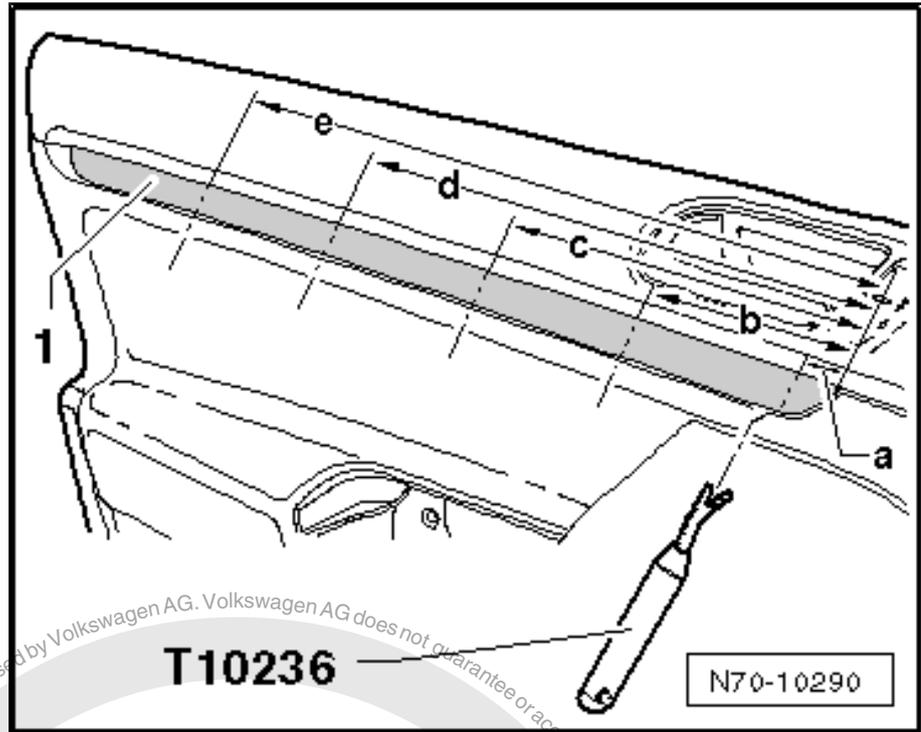
2.4.1 Removing

i Note

Levering out the trim strip must be started in the front area of the door lining.



- Carefully lever trim strip -1- out of mountings 24 mm from front edge -dimension a- using release tool -T10236- .



- Lever trim strip out of remaining mountings as described. Dimensions:
 - ◆ -Dimension b = 120 mm-
 - ◆ -Dimension c = 230 mm-
 - ◆ -Dimension d = 338 mm-
 - ◆ -Dimension e = 445 mm-
- Pull trim strip out of door lining in direction of travel.

2.4.2 Installing

- Install in reverse order of removal.

2.5 Removing and installing rear door trim



Note

Removal and installation of trim is described for the right rear door. Follow same instructions for trim on left side door as appropriate.

2.5.1 Removing

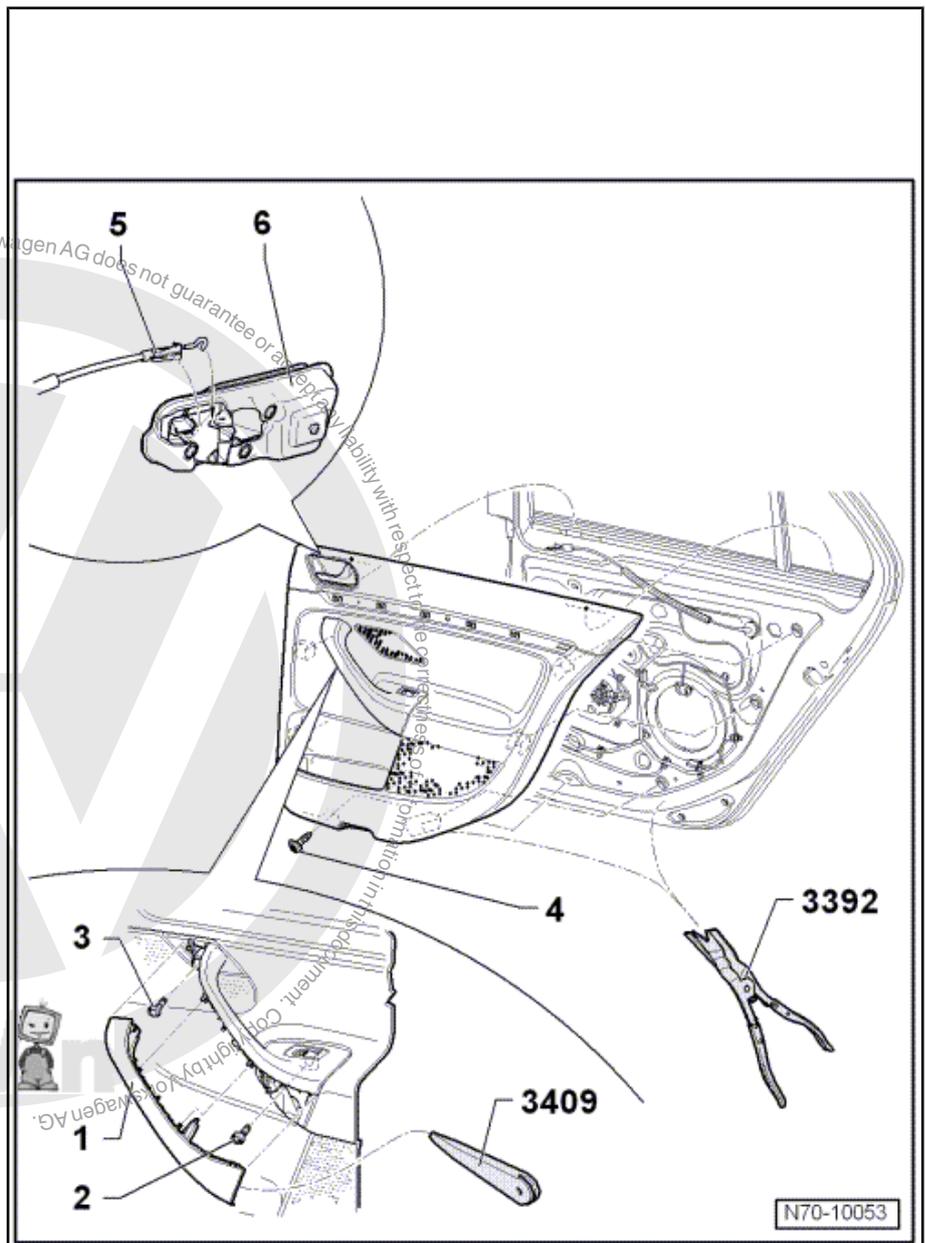
- Switch off ignition.

Only vehicles with manual window regulators

- Remove window crank handle ⇒ [page 210](#) .
- Using a removal wedge -3409- , lever upper part of handle recess -1- out of door handle in door trim.



- Remove bolts -2- and -3- (4 Nm).
- Remove bolt -4- (2 Nm).
- Using removal pliers -3392- , release bottom section of door trim from mountings.
- Using removal pliers -3392- , release sides of door trim from mountings.
- Pull door trim upwards vertically out of window slot.
- Depending on vehicle equipment, disconnect wiring harnesses from door trim.
- Detach Bowden cable -5- from interior door handle mechanism -6-.



2.5.2 Installing

- Install in reverse order of removal.



If door trim is renewed on vehicles with manual window regulator, it is necessary to adjust the new door trim using workshop equipment. To do this, a hole must be made in the door trim for the window regulator shaft.



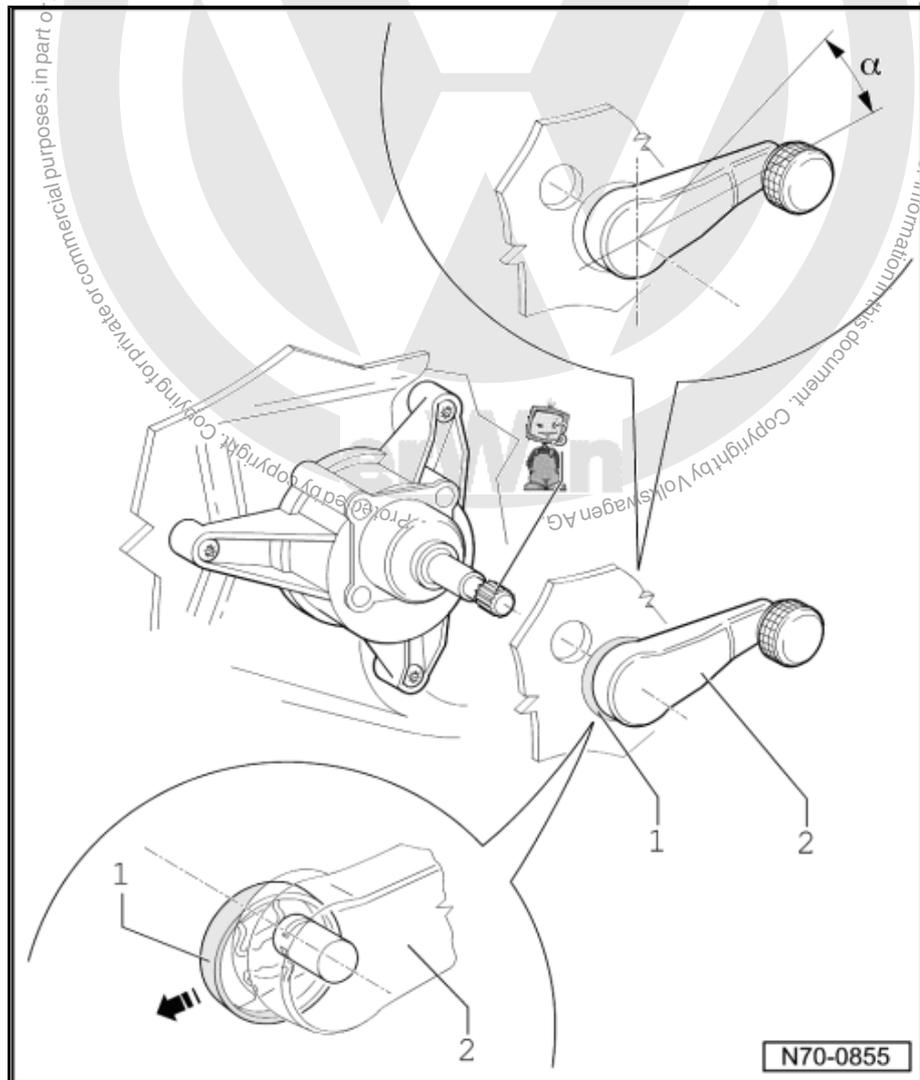
Note

Before installing, check fasteners for damage and renew if necessary.

2.6 Removing and installing window crank handle

2.6.1 Removing

- Press retaining clip -1- forward in direction of travel -arrow- and pull window crank -2- from shaft -3-.



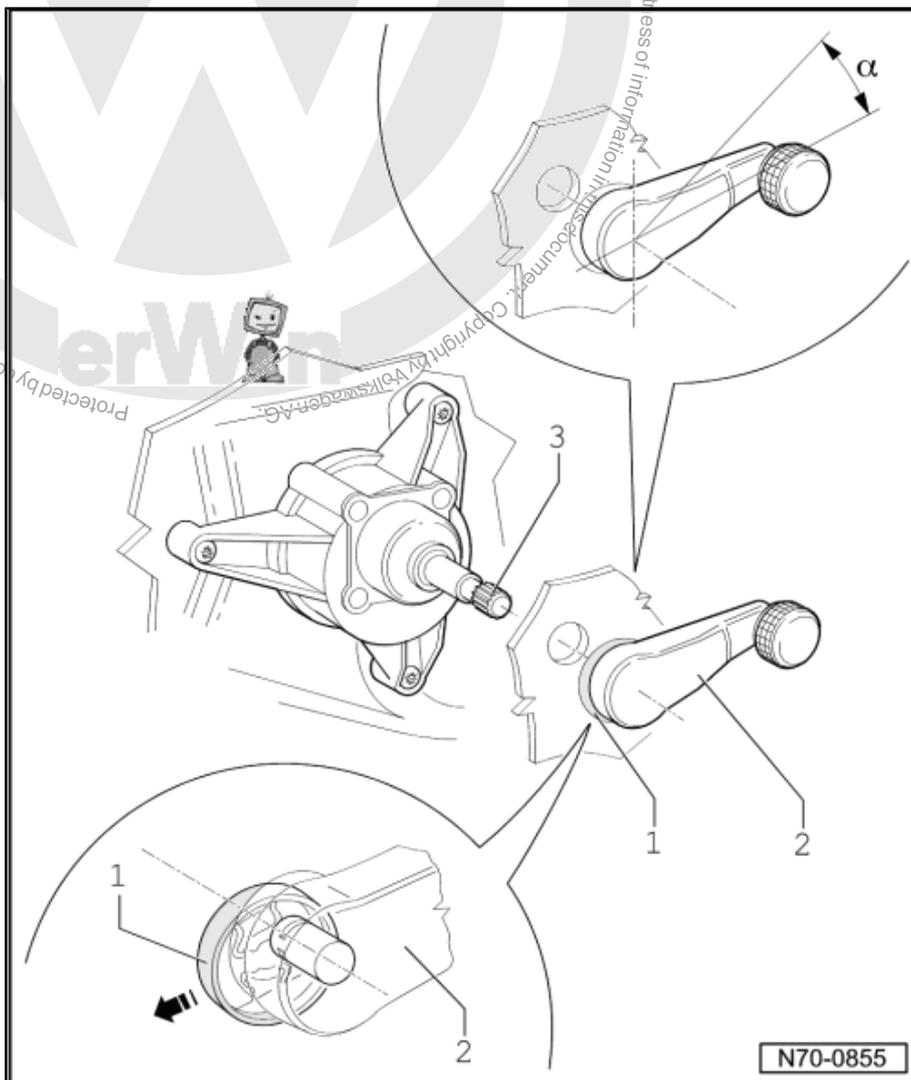
2.6.2 Installing

- Installation is carried out in reverse order of removal.



i Note

- ◆ After reinstallation, the window crank handle on the right side must be positioned at "5 o'clock" when window is closed.
- ◆ After reinstallation, the window crank handle on the left side must be positioned at "7 o'clock" when window is closed.
- ◆ This equates to an installation angle of 30° -angle α -.
- ◆ Deviation between window cranks must be no more than 6°.



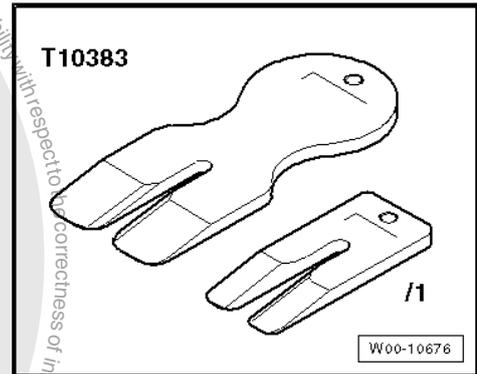


3 Door trim (Golf 2009 ▶)

3.1 Tools

3.1.1 Required special tools, workshop equipment, test and measuring devices and auxiliary items

- ◆ Wedges -T10383-



3.2 Removing and installing front door trim (2-door vehicles)

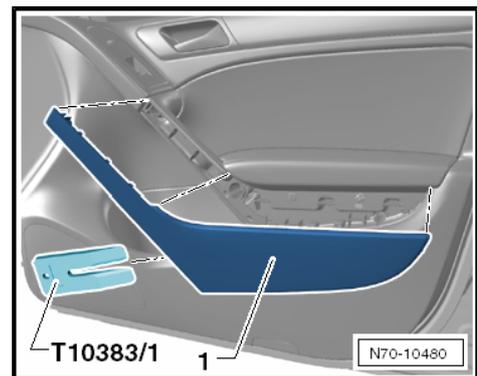


Note

Removal and installation are described for the right vehicle side.
Follow same instructions for the left side as appropriate.

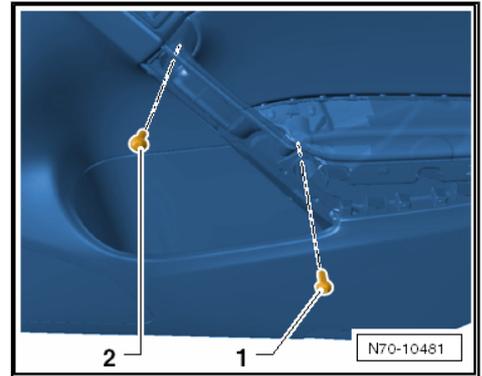
Removing

- Switch off ignition.
- Prise trim -1- out of door trim using wedge -T10383/1- .

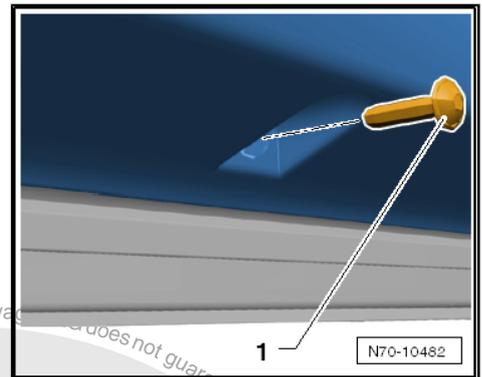




- Remove bolts -1- and -2- (4.5 Nm).



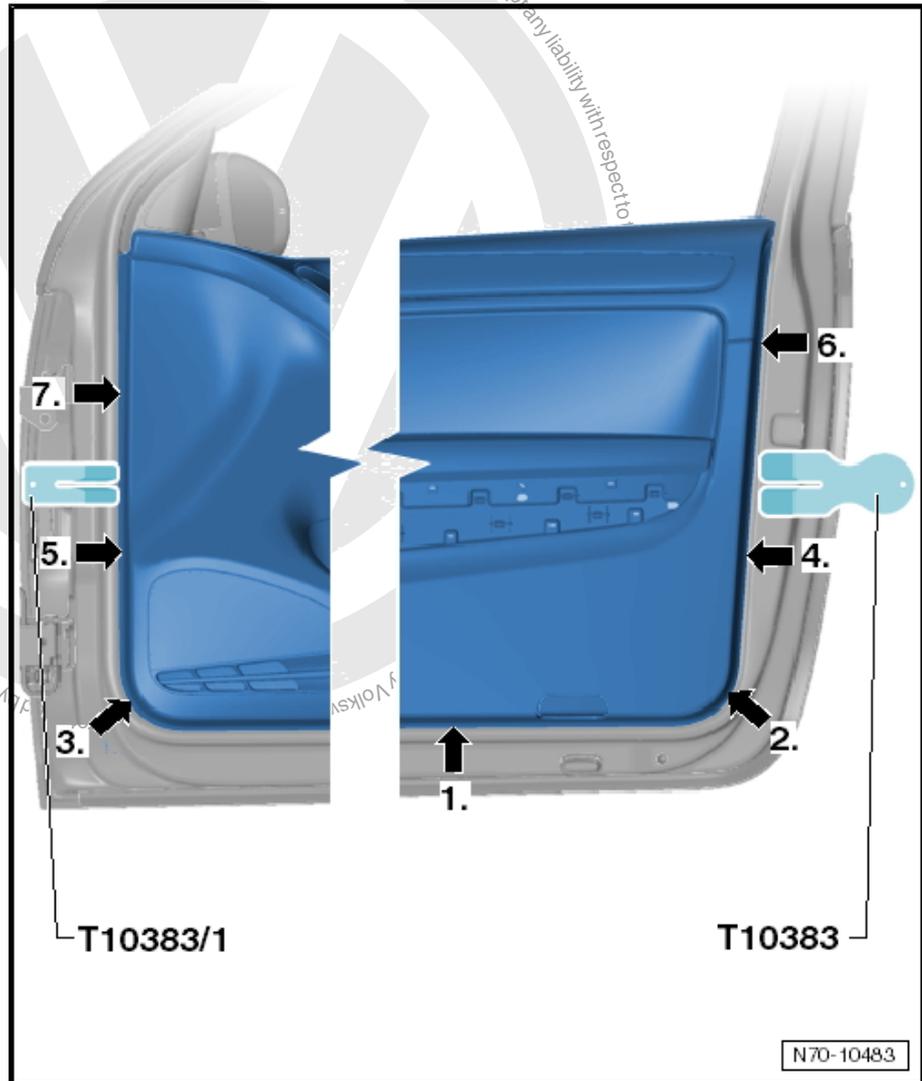
- Remove bolt -1- on underside (4.5 Nm).



Caution

When the door trim is separated, there is a risk that fastening elements may be damaged. To avoid this, always follow the specified order and positions of clips when removing the door trim.

- Release door trim from clips in -specified sequence- using wedges -T10383- .



- Pull door trim upwards vertically out of window slot.
- Now unhook Bowden cable -1- from interior door handle on inside of door trim.
- Depending on vehicle equipment, disconnect wiring harnesses from door trim.

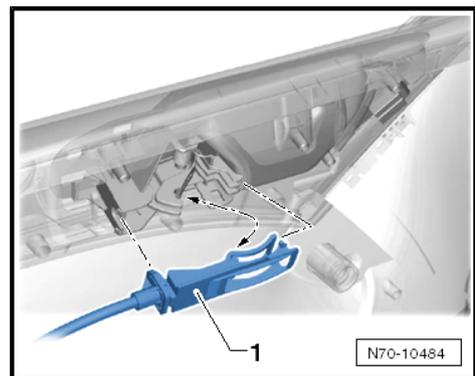
Installing

- Install in reverse order of removal.



Note

Before installing, check fasteners for damage and renew if necessary.

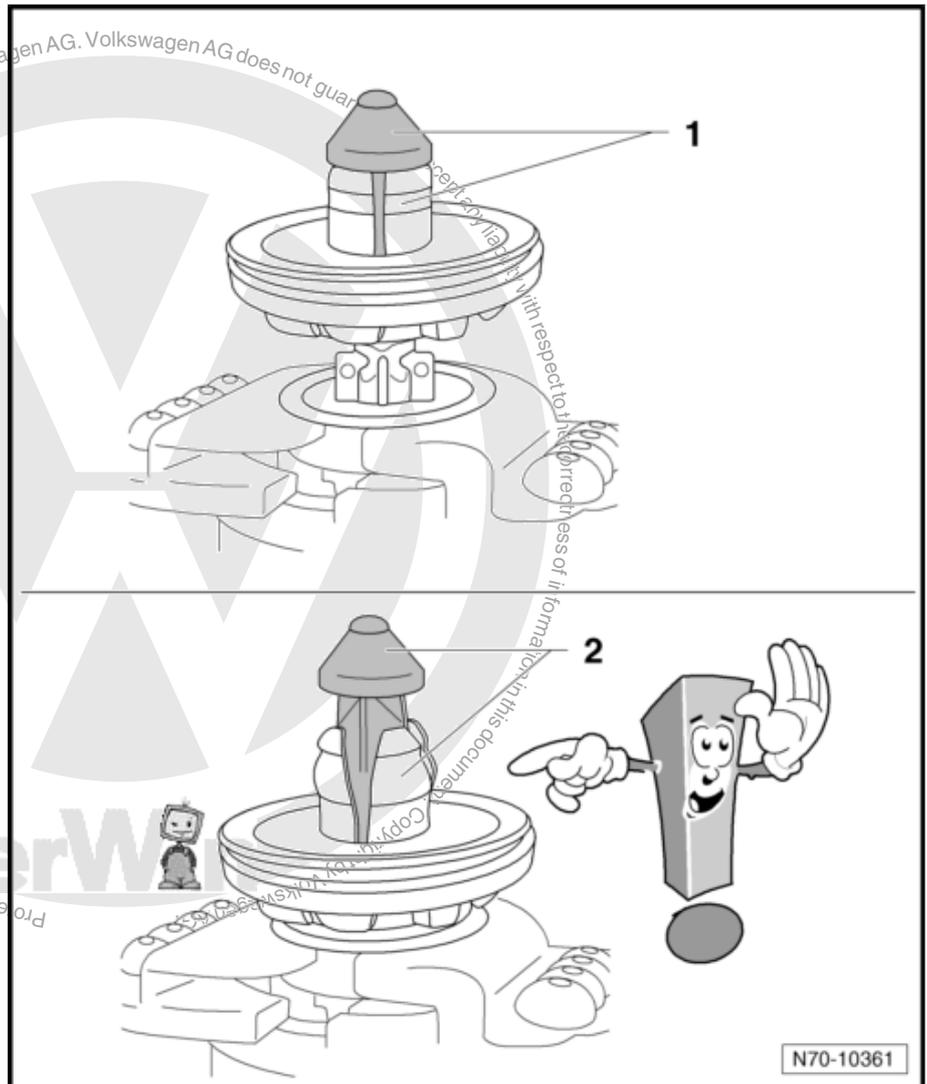




Caution

Before installing door trim, ensure that the locking mechanisms of all clips are in -position 1-.

It is not possible to install the door trim without problem if clips are in -position 2-!



3.3 Removing and installing front door trim (4-door vehicles)



Note

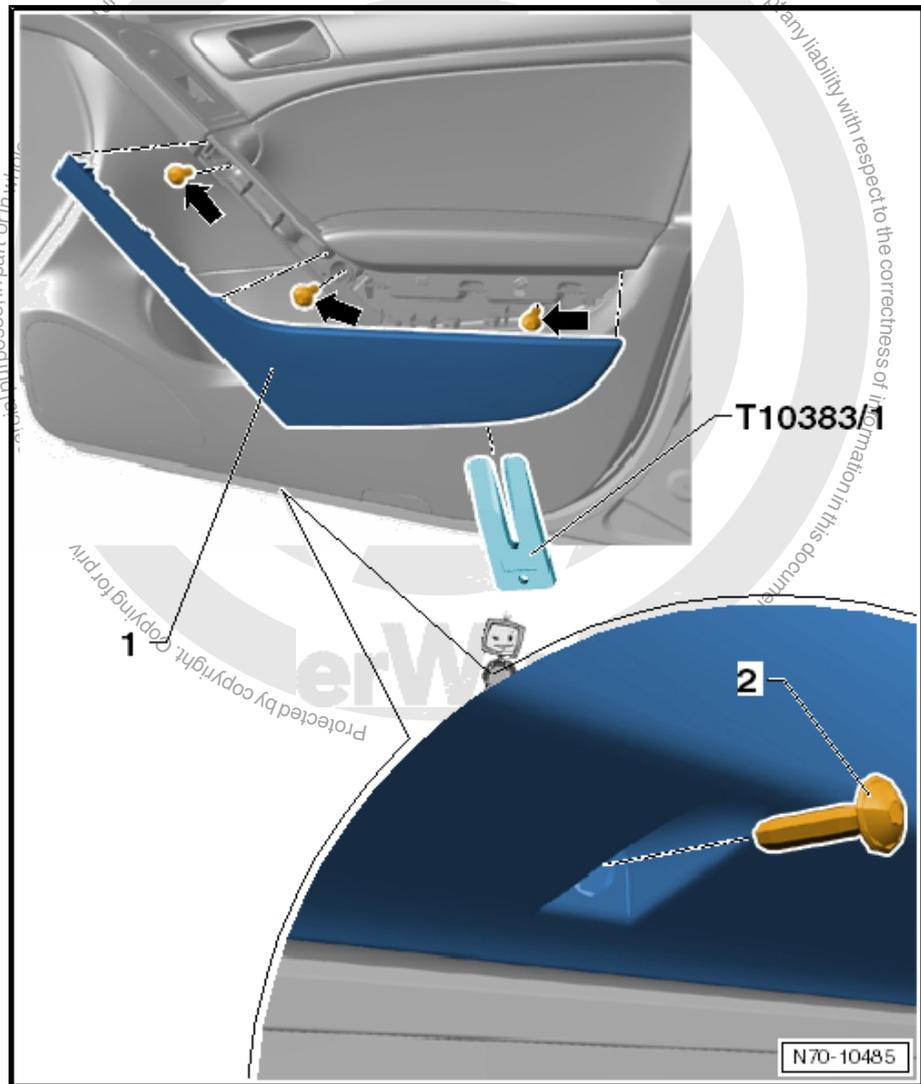
Removal and installation are described for the right vehicle side. Follow same instructions for the left side as appropriate.

Removing

- Switch off ignition.
- Prise trim -1- out of door trim using wedge -T10383/1- .



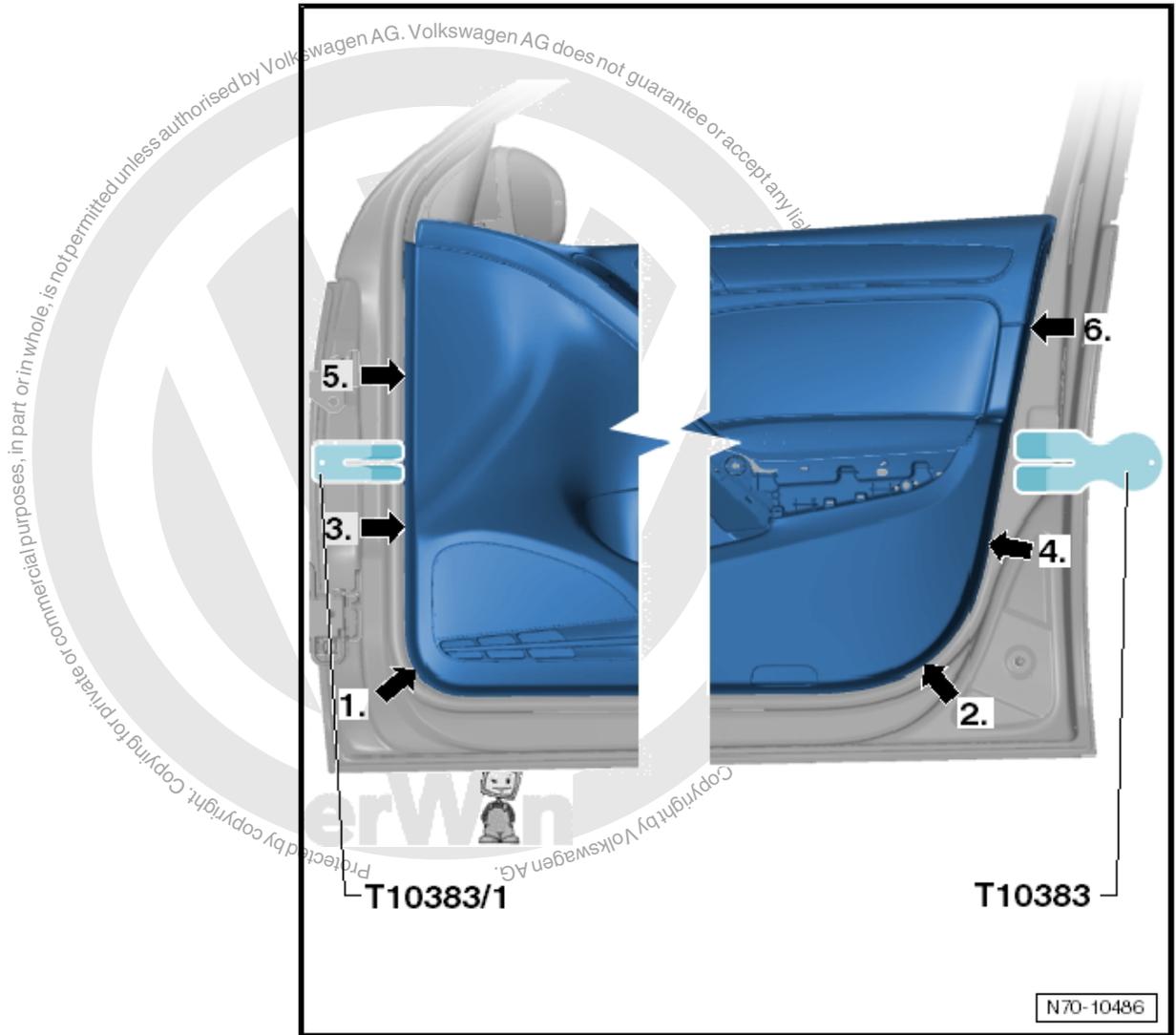
- Remove the three bolts -arrows- (4.5 Nm).
- Remove bolt -2- on underside (4.5 Nm).



Caution

When the door trim is separated, there is a risk that fastening elements may be damaged. To avoid this, always follow the specified order and positions of clips when removing the door trim.

- Release door trim from clips in -specified sequence- using wedges -T10383- .



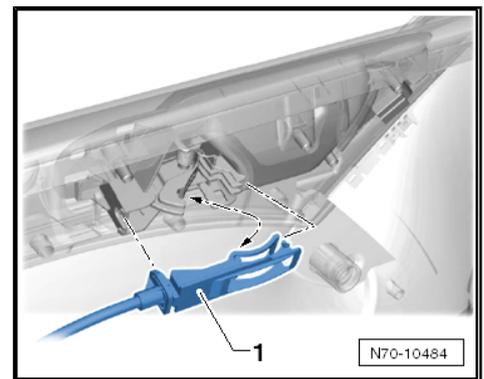
- Pull door trim upwards vertically out of window slot.
- Now unhook Bowden cable -1- from interior door handle on inside of door trim.
- Depending on vehicle equipment, disconnect wiring harnesses from door trim.

Installing

- Install in reverse order of removal.

i Note

Before installing, check fasteners for damage and renew if necessary.

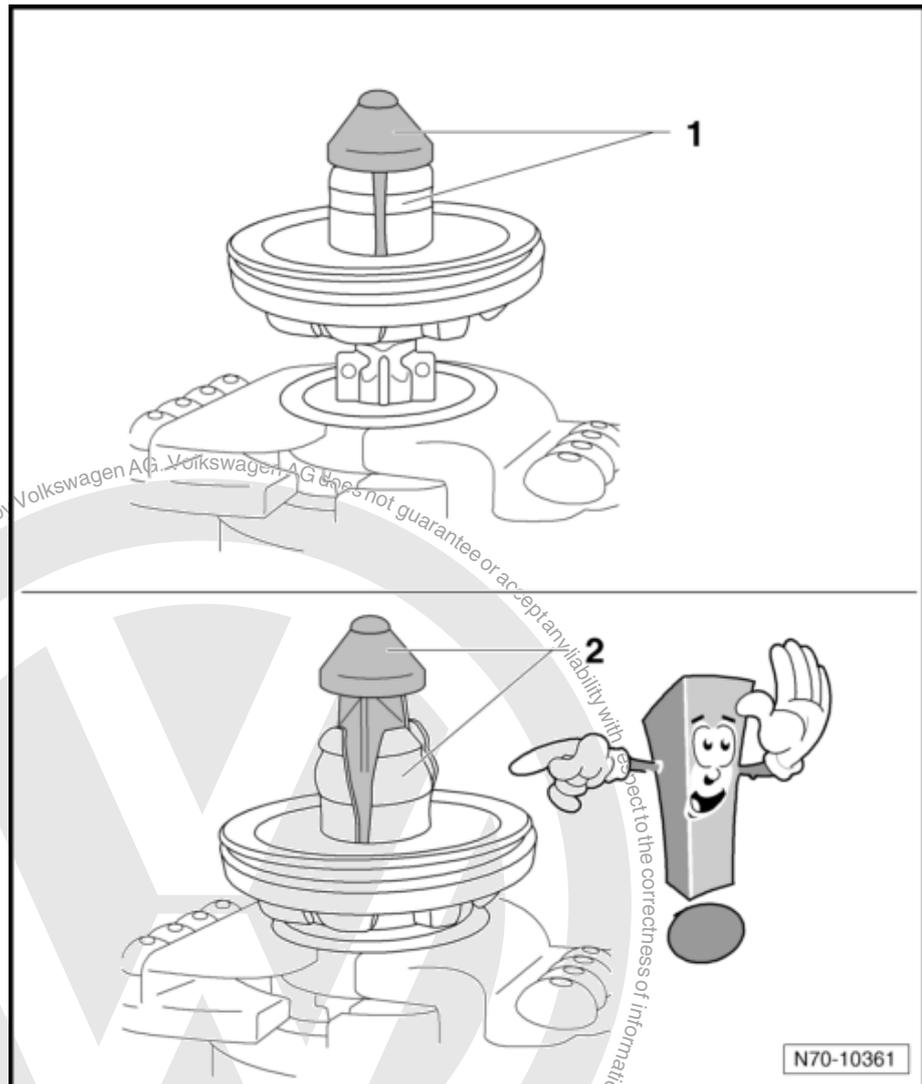




Caution

Before installing door trim, ensure that the locking mechanisms of all clips are in -position 1-.

It is not possible to install the door trim without problem if clips are in -position 2-!



3.4 Removing and installing rear door trim



Note

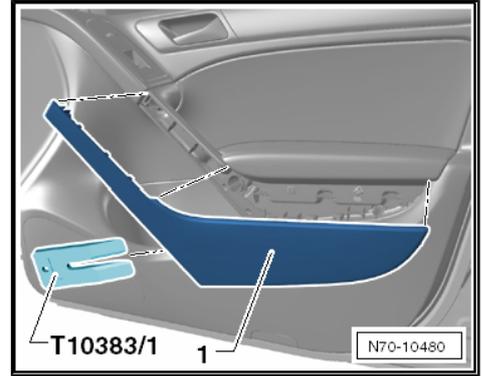
Removal and installation are described for the right vehicle side.
Follow same instructions for the left side as appropriate.

Removing

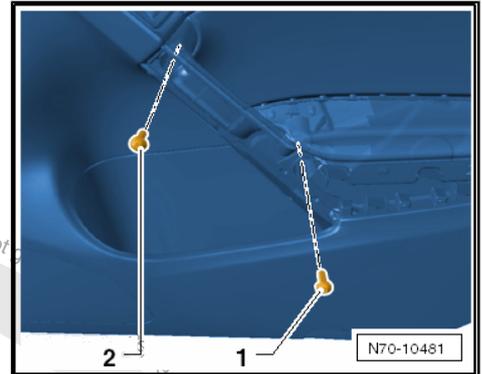
- Switch off ignition.



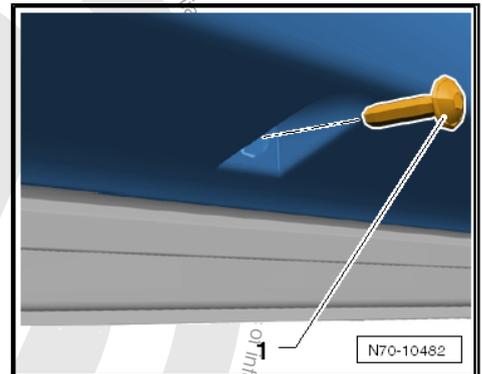
- Prise trim -1- out of door trim using wedge -T10383/1- .



- Remove bolts -1- and -2- (4.5 Nm).



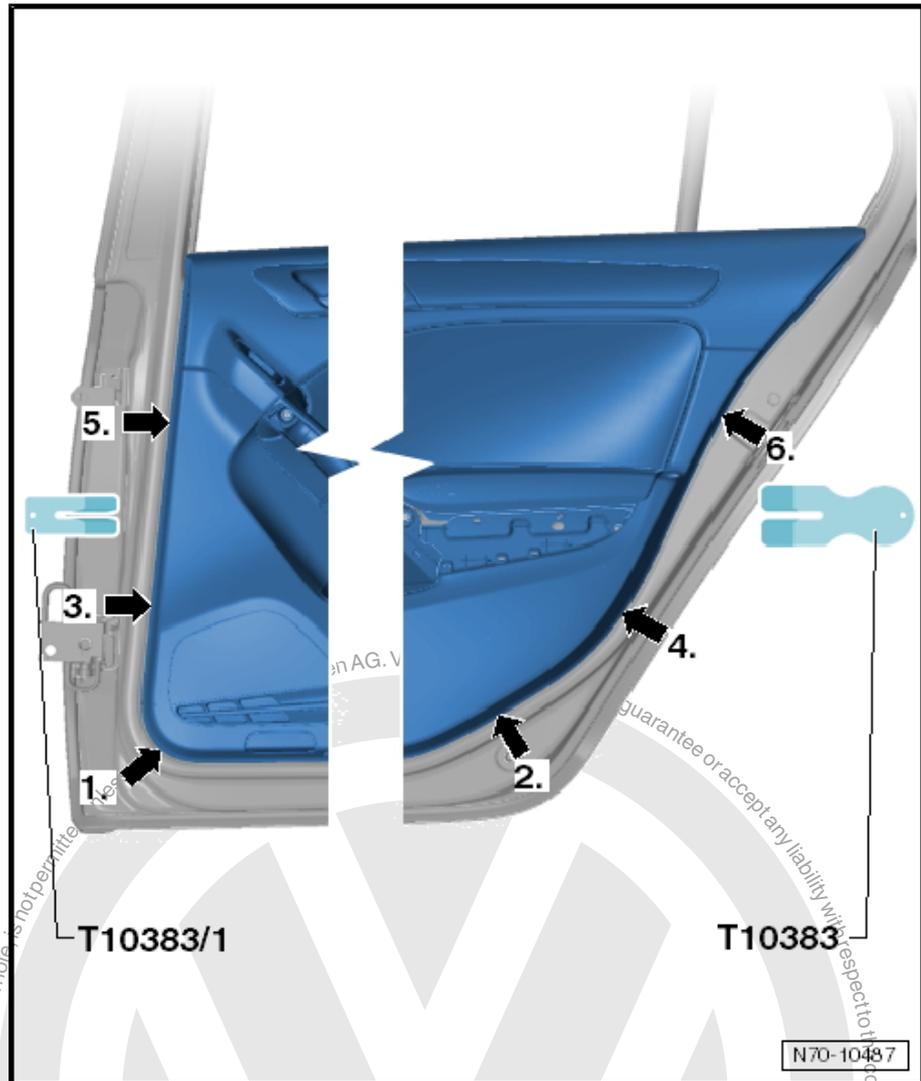
- Remove bolt -1- on underside (4.5 Nm).



Caution

When the door trim is separated, there is a risk that fastening elements may be damaged. To avoid this, always follow the specified order and positions of clips when removing the door trim.

- Release door trim from clips in -specified sequence- using wedges -T10383- .

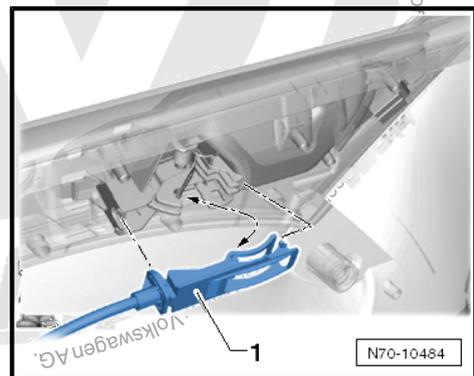


- Pull door trim upwards vertically out of window slot.
- Now unhook Bowden cable -1- from interior door handle on inside of door trim.
- Depending on vehicle equipment, disconnect wiring harnesses from door trim.

Installing

- Install in reverse order of removal.

If door trim is renewed on vehicles with manual window regulator, it is necessary to adjust the new door trim using workshop equipment. To do this, a hole must be made in the door trim for the window regulator shaft.



Note

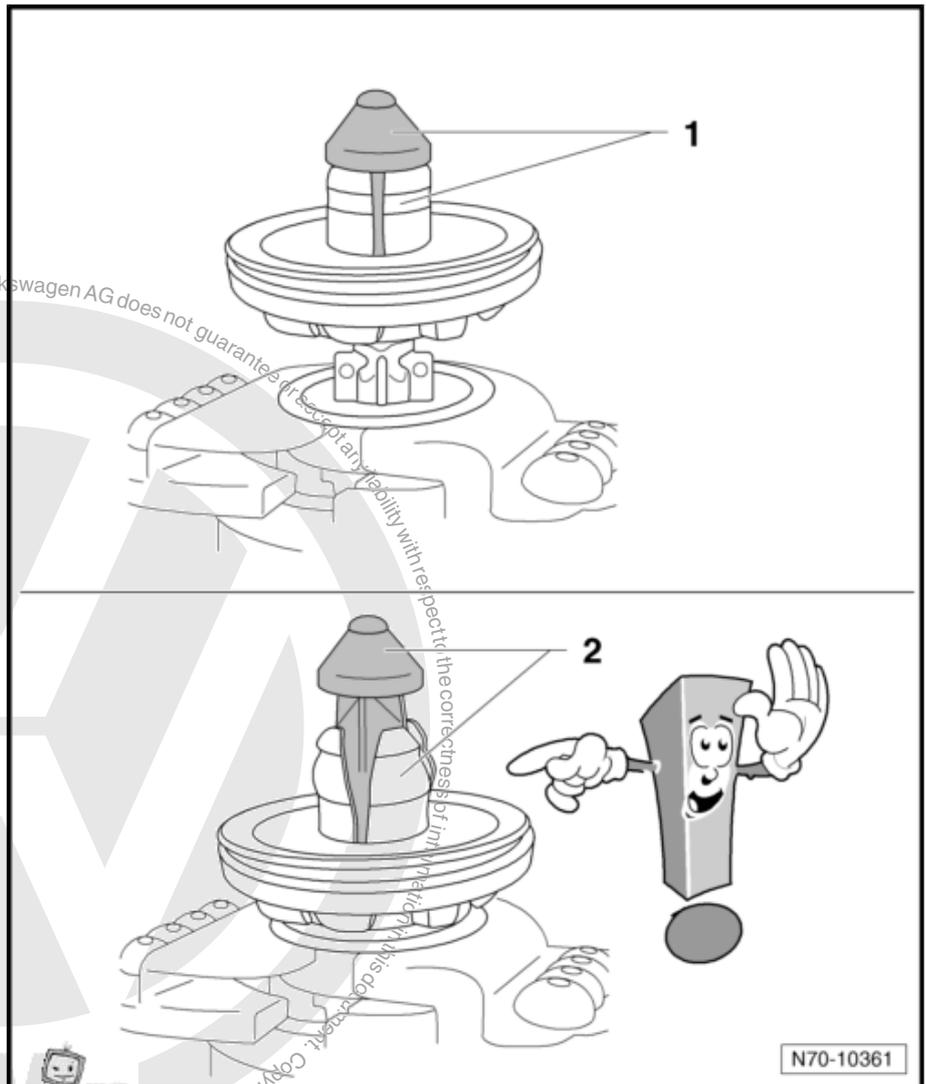
Before installing, check fasteners for damage and renew if necessary.



Caution

Before installing door trim, ensure that the locking mechanisms of all clips are in -position 1-.

It is not possible to install the door trim without problem if clips are in -position 2-!



3.5 Removing and installing trim strip and door trim



Note

Trim strips are welded to door trims, it is therefore necessary to remove each door trim.

Removing

- Switch off ignition.
- Remove front door trim:



- ◆ Vehicles with 2 doors: ⇒ [page 212](#)
- ◆ Vehicles with 4 doors: ⇒ [page 215](#)
- Remove rear door trim ⇒ [page 208](#) .
- Remove weld points of trim strip with an appropriate milling cutter.
- Loosen trim strip from trim.

Installing

- Insert strip trim into door trim and secure with lock washers.

3.6 Removing and installing front door trim cover



Note

*Removal and installation are described for the right vehicle side.
Follow same instructions for the left side as appropriate.*

Removing

- Switch off ignition.
- Remove front door trim:
 - ◆ Vehicles with 2 doors: ⇒ [page 212](#)
 - ◆ Vehicles with 4 doors: ⇒ [page 215](#)
- Pull door trim cover -1- out of mountings in door panel.
- Disconnect wiring harness -2-.

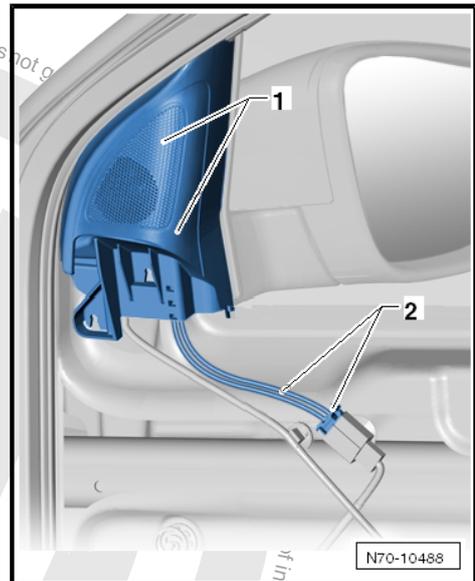
Installing

- Install in reverse order of removal.



Note

Before installing, check fasteners for damage and renew if necessary.





4 Pillar and side trims

4.1 Removing and installing upper A-pillar trim



Note

*Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.*

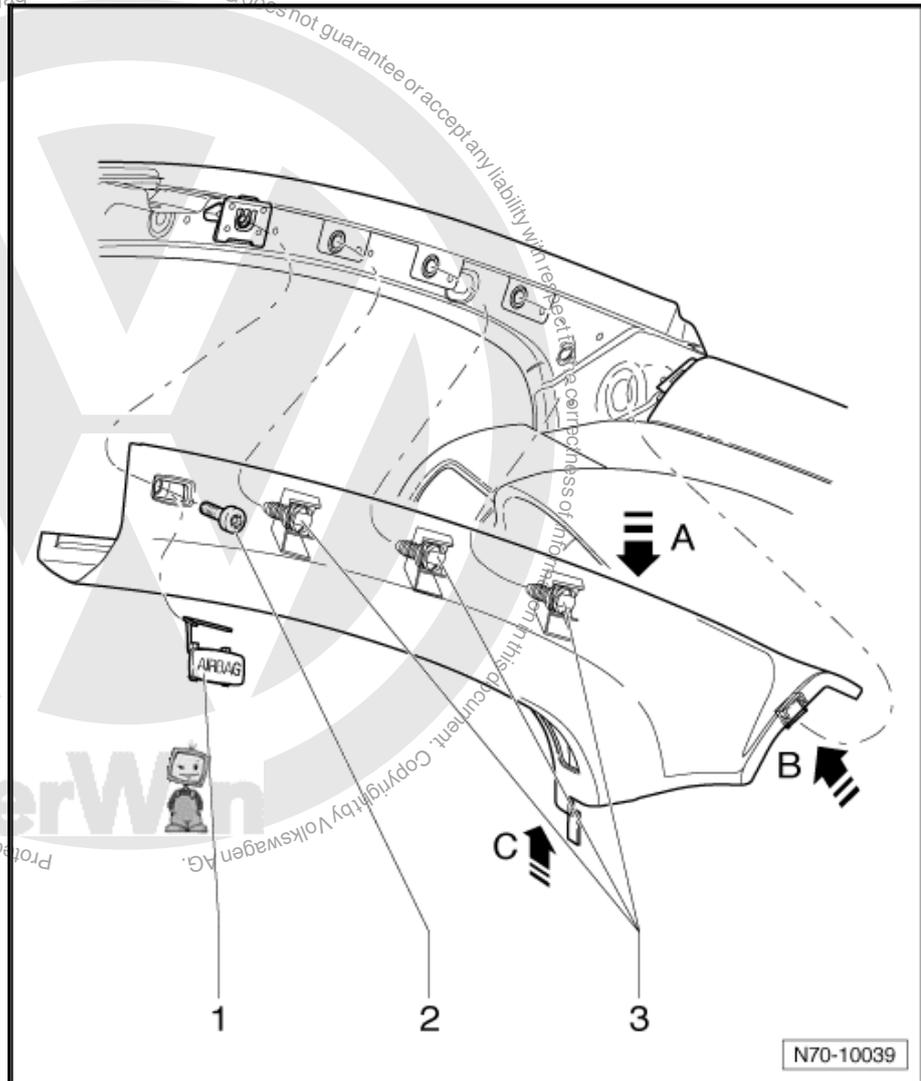
4.1.1 Removing

- Remove dash panel end trim ⇒ [page 60](#) .
- Remove A-pillar centre trims ⇒ [page 224](#)
- Remove airbag emblem -1- and remove bolt -2- (4 Nm).
- Pull lower section of trim -arrow A- out of securing clips -3-.
- Release trim from door seal beading.
- Pull trim out of forward mountings -arrow B-.
- Pull rear section of trim out of dash panel -arrow C-.



Note

- ◆ *When reinstalled, airbag emblem -1- must be renewed.*
- ◆ *Before installing, check fasteners for damage and renew if necessary.*



4.1.2 Installing

- Install in reverse order of removal.

4.2 Removing and installing middle A-pillar trim

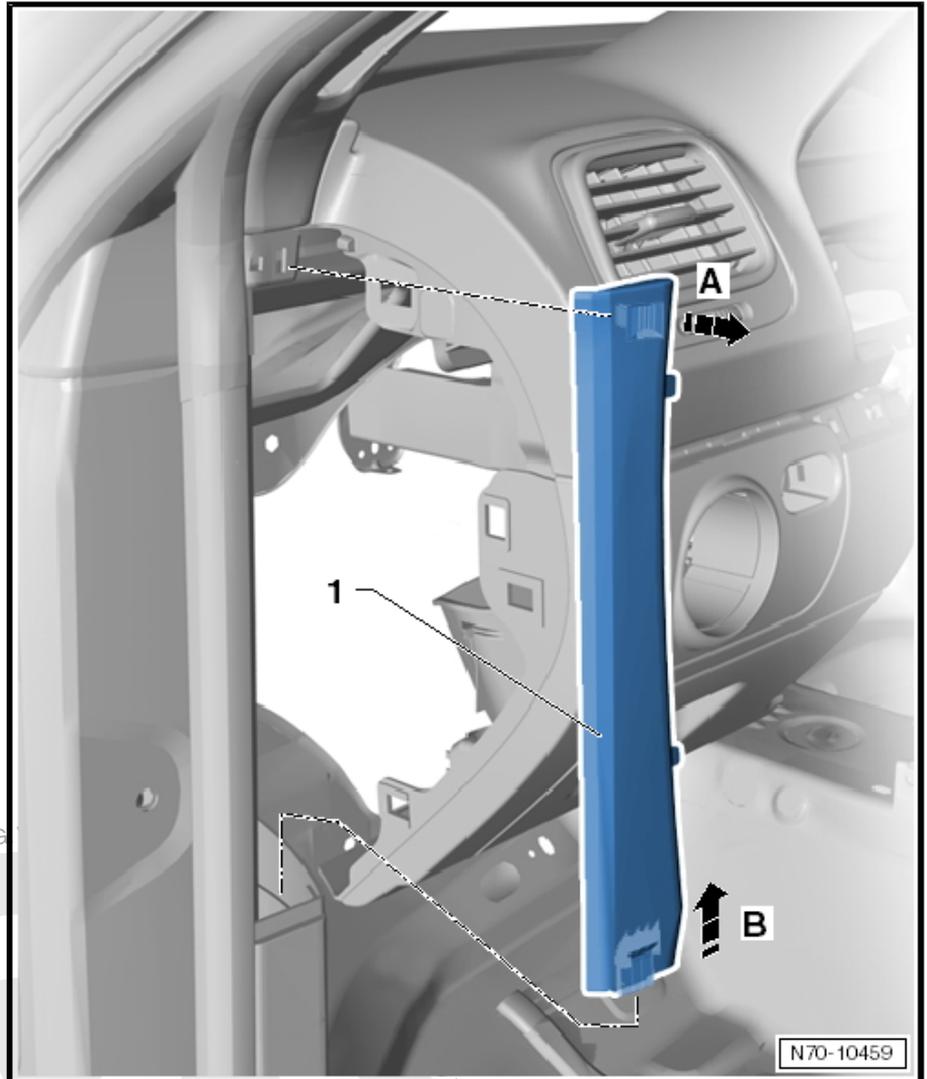


Note

*Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.*

Removing

- Remove dash panel end trim => [page 60](#) .
- Pull upper part of trim -1- out from mountings in body -arrow A-.
- Pull out trim upwards from A-pillar lower trim -arrow B-.



Installing

- Install in reverse order of removal.



Note

Following installation, ensure that trim is positioned in door seal beading.

4.3 Removing and installing lower A-pillar trim, driver side

4.3.1 Removing

- Release sill panel moulding from body, in area of transition to lower A-pillar moulding:
 - ◆ Two-door ⇒ [page 81](#)
 - ◆ Four-door ⇒ [page 82](#)
- Remove dash panel end trim ⇒ [page 60](#) .
- Remove bonnet operating lever -1- ⇒ Rep. Gr. 55 .

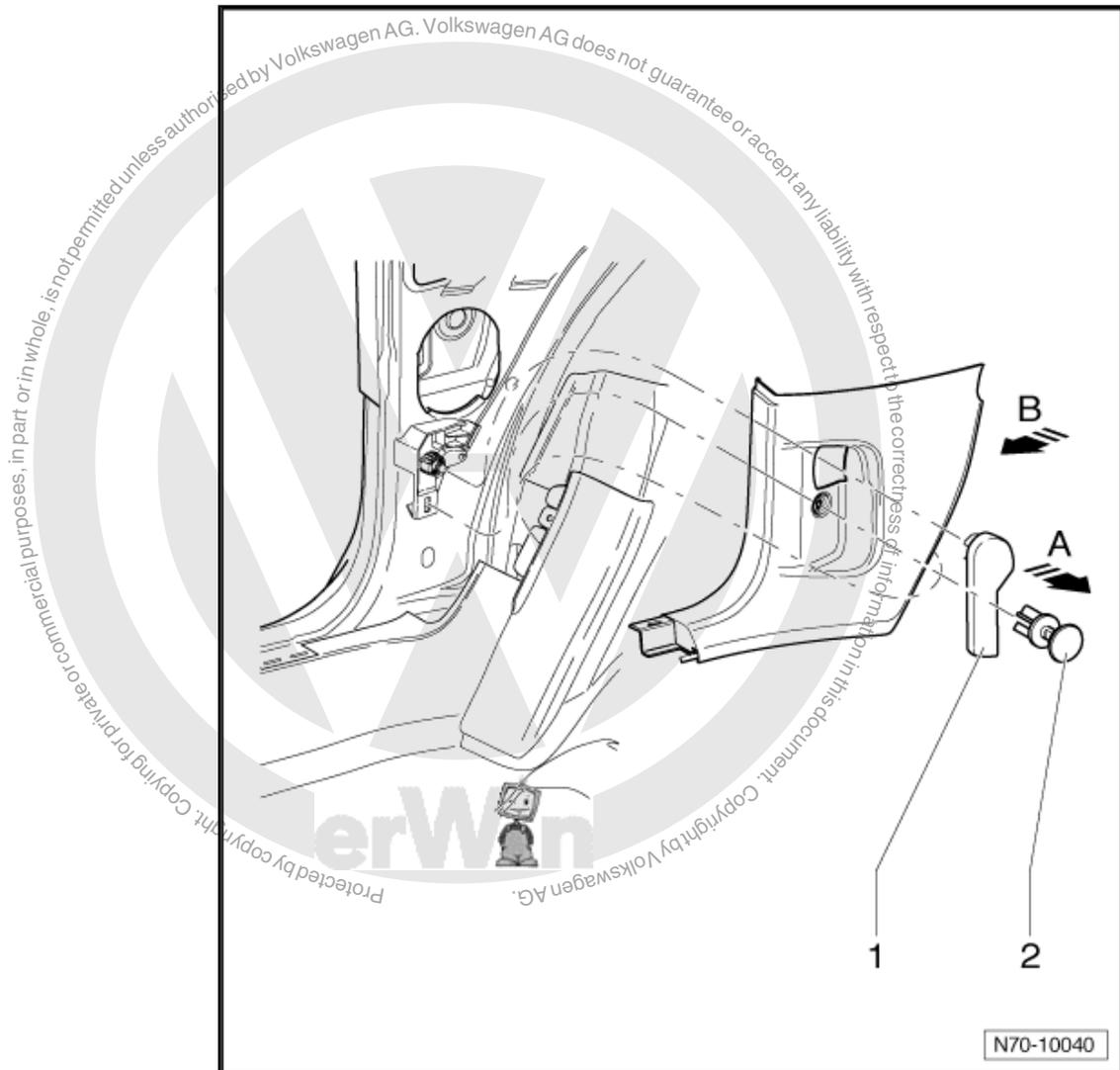


- Remove clip -2-.
- Release trim from body -arrow A-.
- Release trim from door seal beading.
- Pull trim out of mountings -arrow B-.



Note

Before installing clip, check clip -2- for damage and renew if necessary.



4.3.2 Installing

- Install in reverse order of removal.



4.4 Removing and installing lower A-pillar trim, front passenger side

4.4.1 Removing

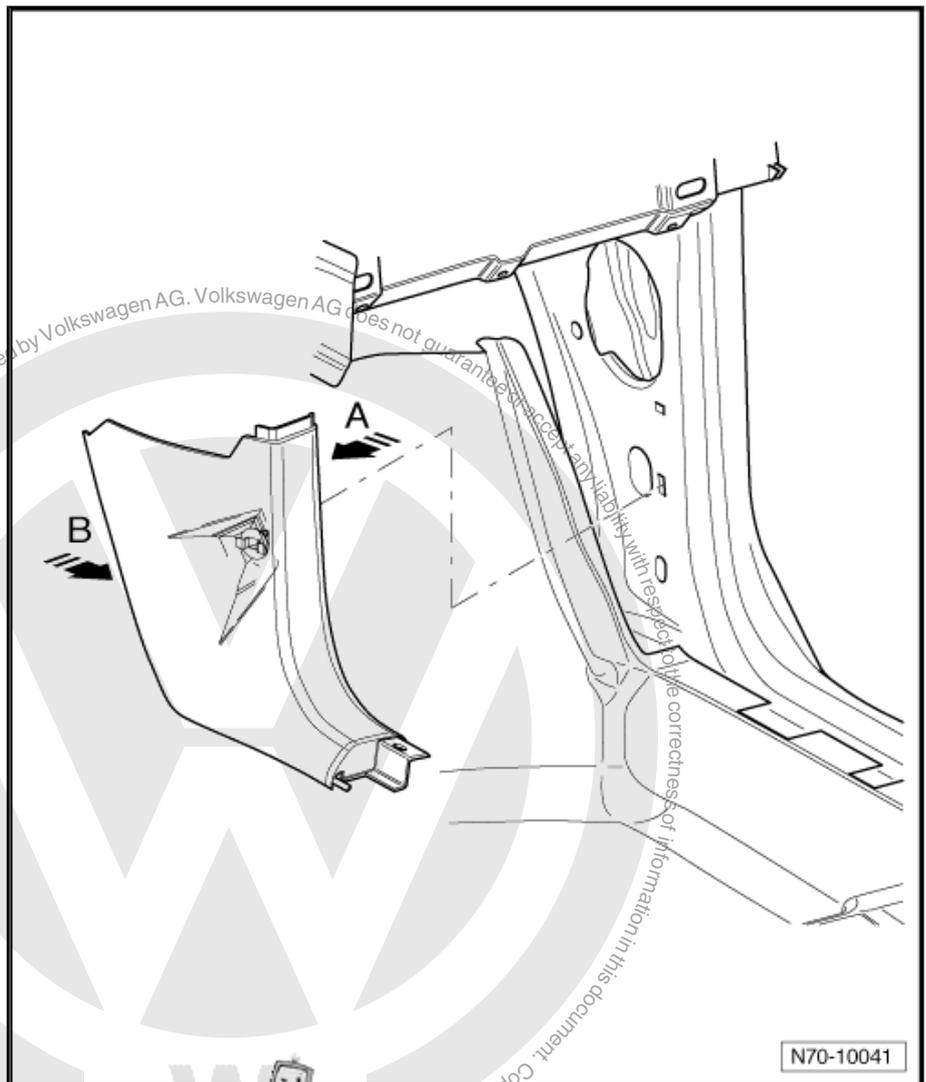
- Release sill panel moulding from body, in area of transition to lower A-pillar moulding:
 - ◆ Two-door ⇒ [page 81](#)
 - ◆ Four-door ⇒ [page 82](#)
- Remove dash panel end trim on front passenger side ⇒ [page 60](#).



Note

For greater clarity, dash panel is not shown in figure.

- Release trim from body -arrow A-.
- Release trim from door seal beading.
- Pull trim out of mountings -arrow B-.





4.4.2 Installing

- Install in reverse order of removal.

4.5 Removing and installing upper B-pillar trim



Note

*Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.*

4.5.1 Removing

- Remove airbag emblem -1- and remove bolt -2- (4 Nm).



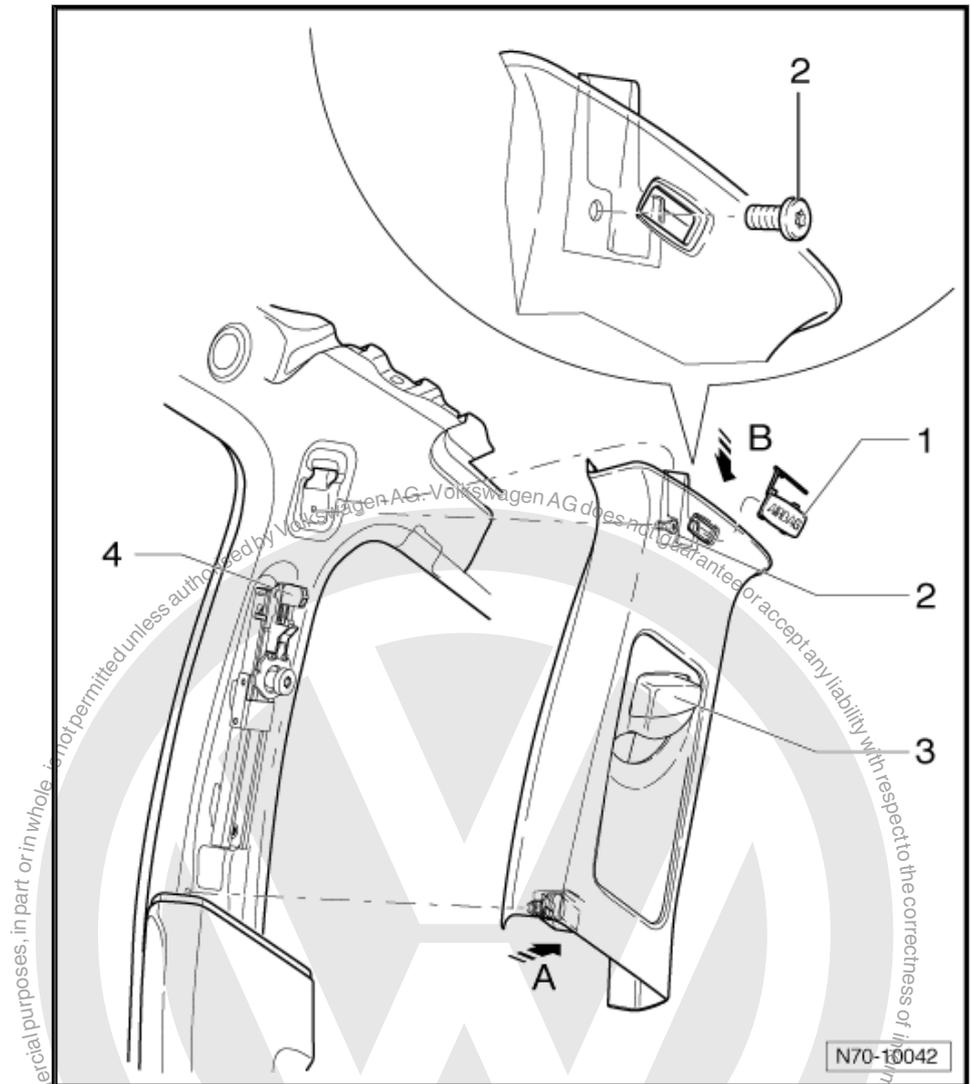
Note

When reinstalled, airbag emblem -1- must be renewed.

- Pull lower section of trim out of mountings in body -arrow A-.
- Release trim from door seal beading.



- Pull trim out of upper mountings -arrow B-



4-door

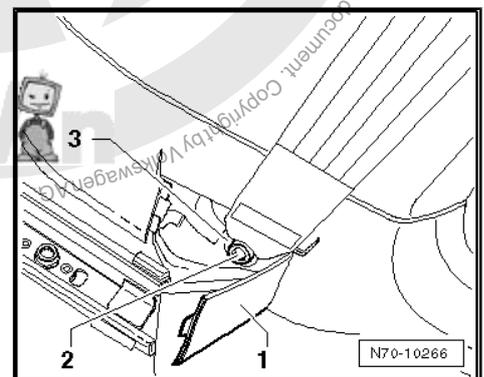
- Open the flap -1- in the lower area of the B pillar.
- Push the floor covering to the side slightly and remove the bolt -2- (40 Nm)
- Remove belt end anchor -3- from body.

2-door

- Remove bench seat ⇒ [page 304](#) .
- Remove sill panel moulding (2-door) ⇒ [page 81](#) .
- Remove belt end anchor from seat belt ⇒ [page 92](#) .

All vehicles

- Pull seat belt through opening in trim.



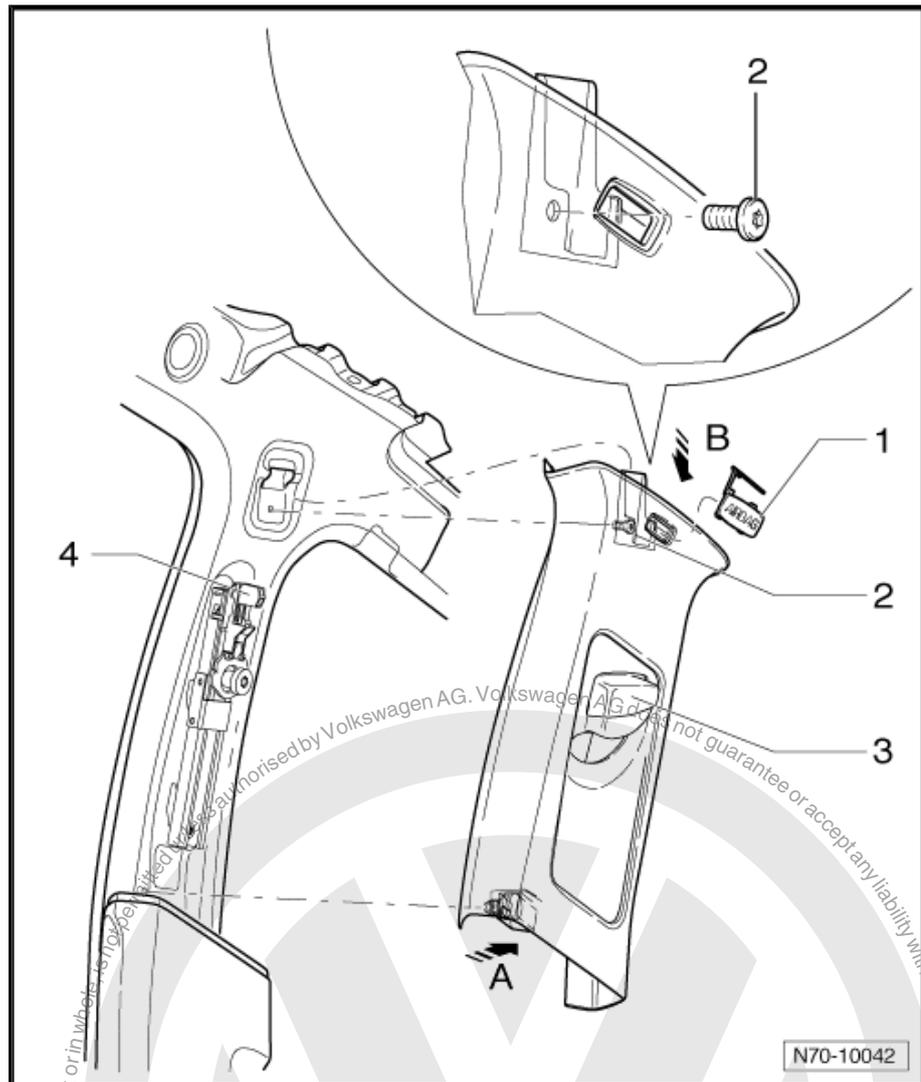


4.5.2 Installing



Note

- ◆ When installing, the belt adjuster slide -4- and the button of the trim -3- must be in the same position.
- ◆ Before installing, check clip for damage and renew if necessary.



- Installation is carried out in reverse order of removal.

4.6 Removing and installing lower B-pillar trim



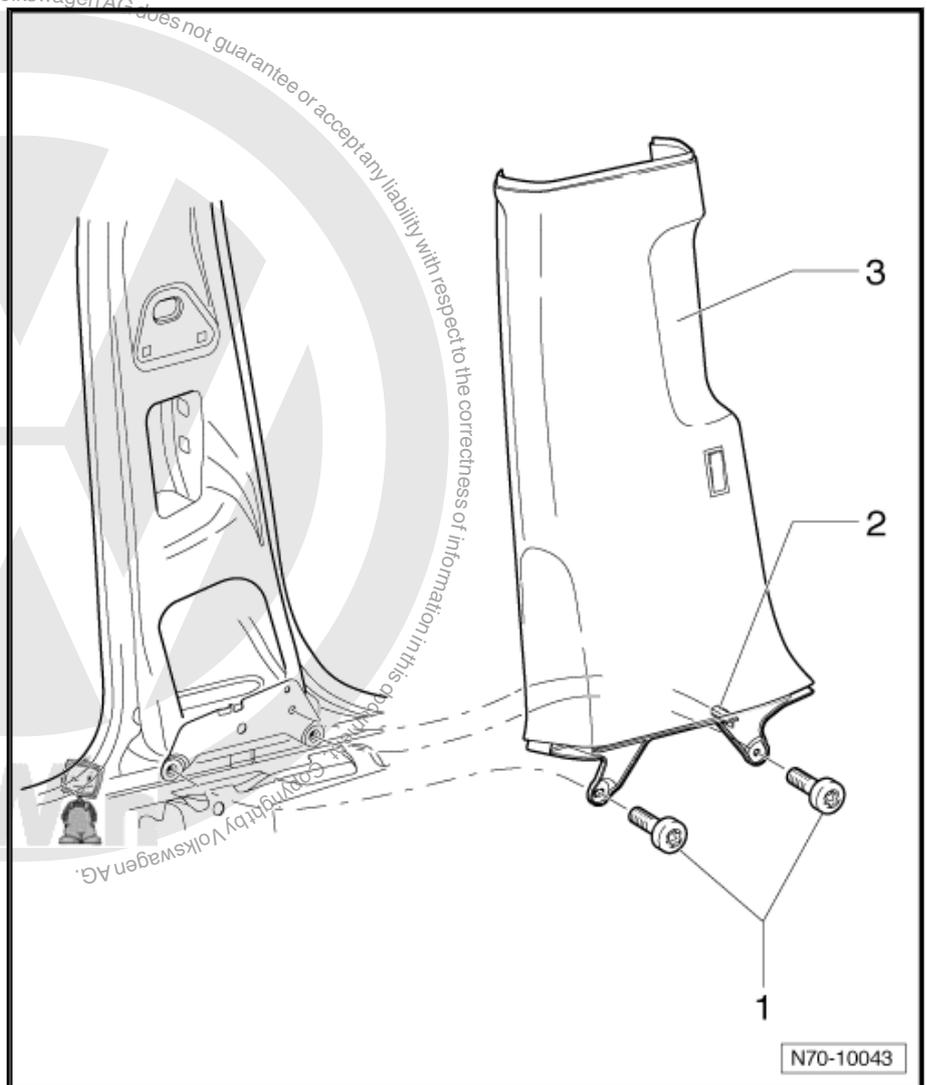
Note

Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.



4.6.1 Removing

- If vehicle is equipped with an interior monitor, switch off ignition.
- Remove upper B-pillar trim. Belt end anchor or anchor rail for front seat belt need not be removed ⇒ [page 228](#) .
- Remove sill panel moulding (4-door) ⇒ [page 82](#) .
- Remove the two bolts -1- (4 Nm).
- Release trim -3- from door seal beading.
- Pull trim, in area of guide -2-, out of mountings in body.
- If vehicle is equipped with interior monitoring system, disconnect wiring harness from sensor.



4.6.2 Installing

- Install in reverse order of removal.



4.7 Removing and installing C-pillar trim



Note

Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.

4.7.1 Removing

- Switch off ignition.

4-door, vehicles >06/2005

- Remove bench seat ⇒ [page 304](#) .
- Remove side padding (4-door):
 - ◆ with rear side airbags ⇒ [page 306](#)
 - ◆ with no rear side airbags ⇒ [page 307](#)
- Remove wheel housing liner (4-door) ⇒ [page 84](#) .

4-door, vehicles with rear side airbag, 06/2005 >

- Remove side padding (4-door):
 - ◆ with rear side airbags ⇒ [page 306](#)
- Remove wheel housing liner (4-door) ⇒ [page 84](#) .

4-door, vehicles without rear side airbag, 06/2005 >

- Remove wheel housing trim, 4-door, without rear side airbag ⇒ [page 85](#) .

2-door

- Remove upper B-pillar trim. Belt end anchor or anchor rail for front seat belt need not be removed ⇒ [page 228](#) .
- Remove bench seat ⇒ [page 304](#) .
- Remove backrest ⇒ [page 305](#) .
- Remove side panel trim ⇒ [page 233](#) .

All vehicles

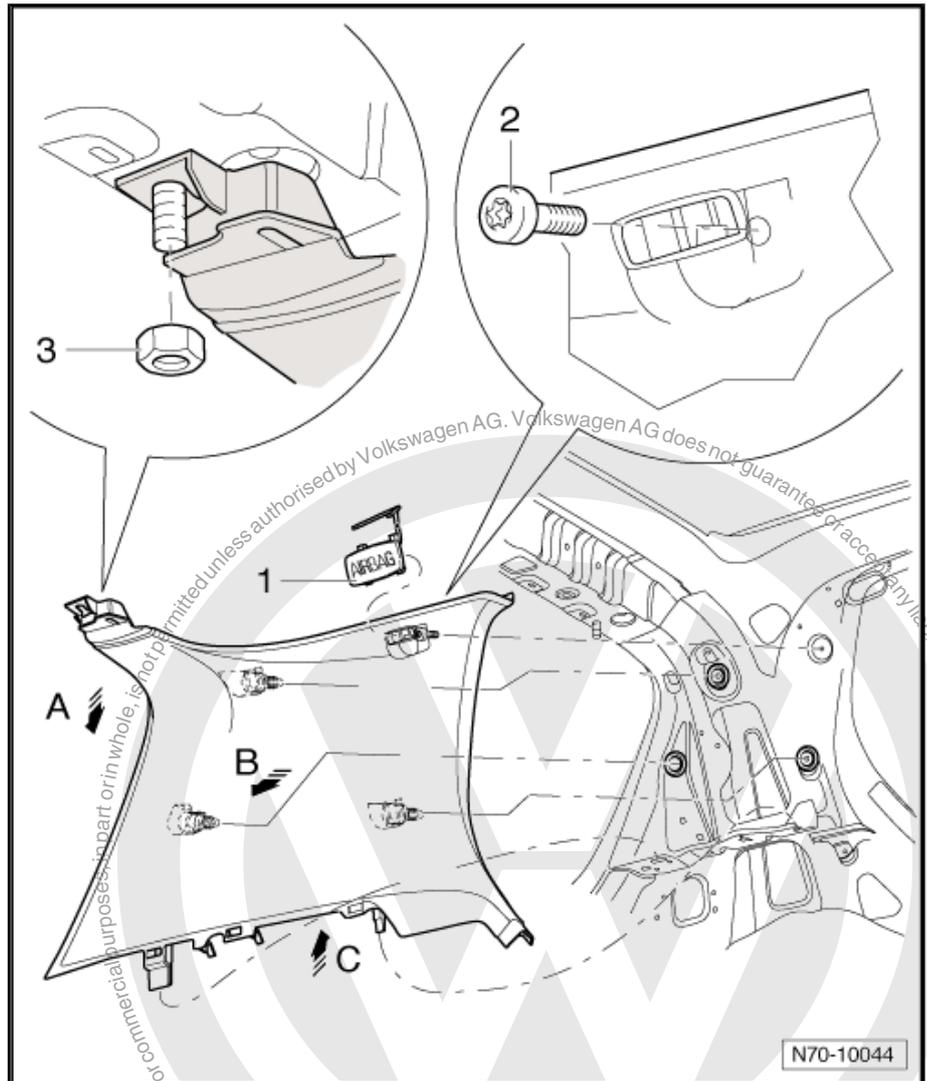
- Remove luggage compartment cover side support ⇒ [page 241](#) .
- Remove roof end strip ⇒ [page 246](#) .
- Remove airbag emblem -1- and remove bolt -2- (4 Nm).



Note

When reinstalled, airbag emblem -1- must be renewed.

- Remove nut -3- (1.5 Nm).
- Release trim from stud of nut -3- -arrow A-.
- Release trim from mountings -arrow B- and from door seal beading.
- Pull trim upwards out of mountings in body -arrow C-.



4.7.2 Installing

- Install in reverse order of removal.

Note

Before installing, check fasteners for damage and renew if necessary.

4.8 Removing and installing sill panel moulding (2-door)

Note

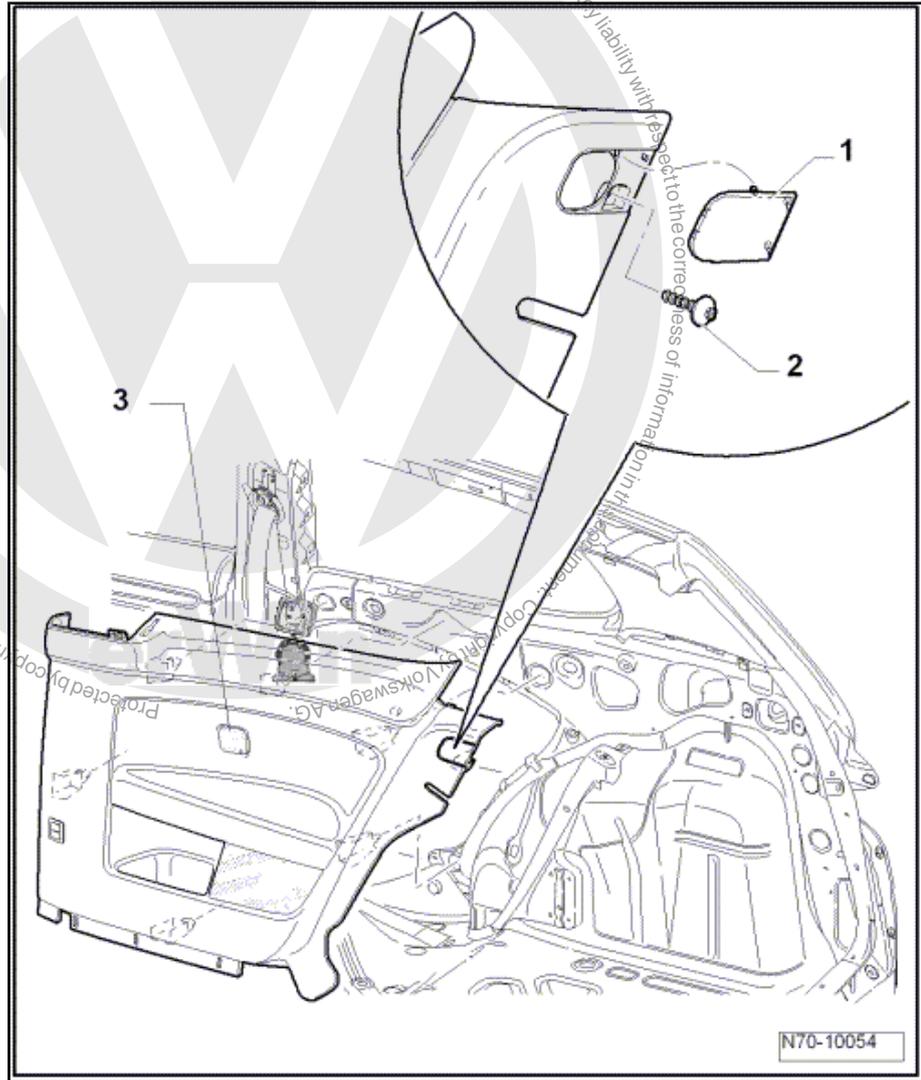
Removal and installation is described for the right vehicle side. Follow same instructions for the left side as appropriate.

4.8.1 Removing

- Remove upper B-pillar trim. Front seat belt anchor rail need not be removed => [page 228](#) .



- Remove bench seat ⇒ [page 304](#) .
- Remove cover cap -1- and remove bolt -2- (2 Nm).
- Pull sill panel moulding out of mountings in lower area of side panel moulding.
- Release side panel trim from mountings in body.
- If vehicle is equipped with a radio system, disconnect wiring harness from loudspeaker -3-.
- If vehicle is equipped with interior monitoring system, disconnect wiring harness from sensor.



4.8.2 Installing

- Install in reverse order of removal.



Note

Before installing, check securing clips for damage and renew if necessary.

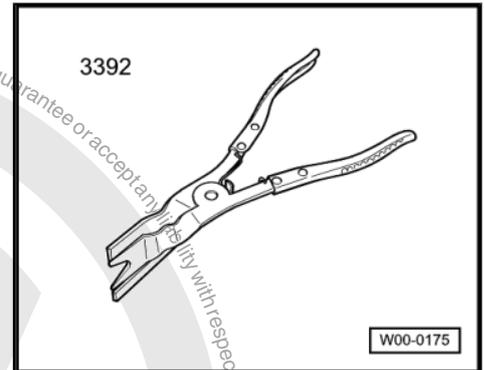


5 Rear lid trim (Golf 2004 ▶)

5.1 Tools

5.1.1 Required special tools, workshop equipment, test and measuring devices and auxiliary items

- ◆ Removal pliers -3392-



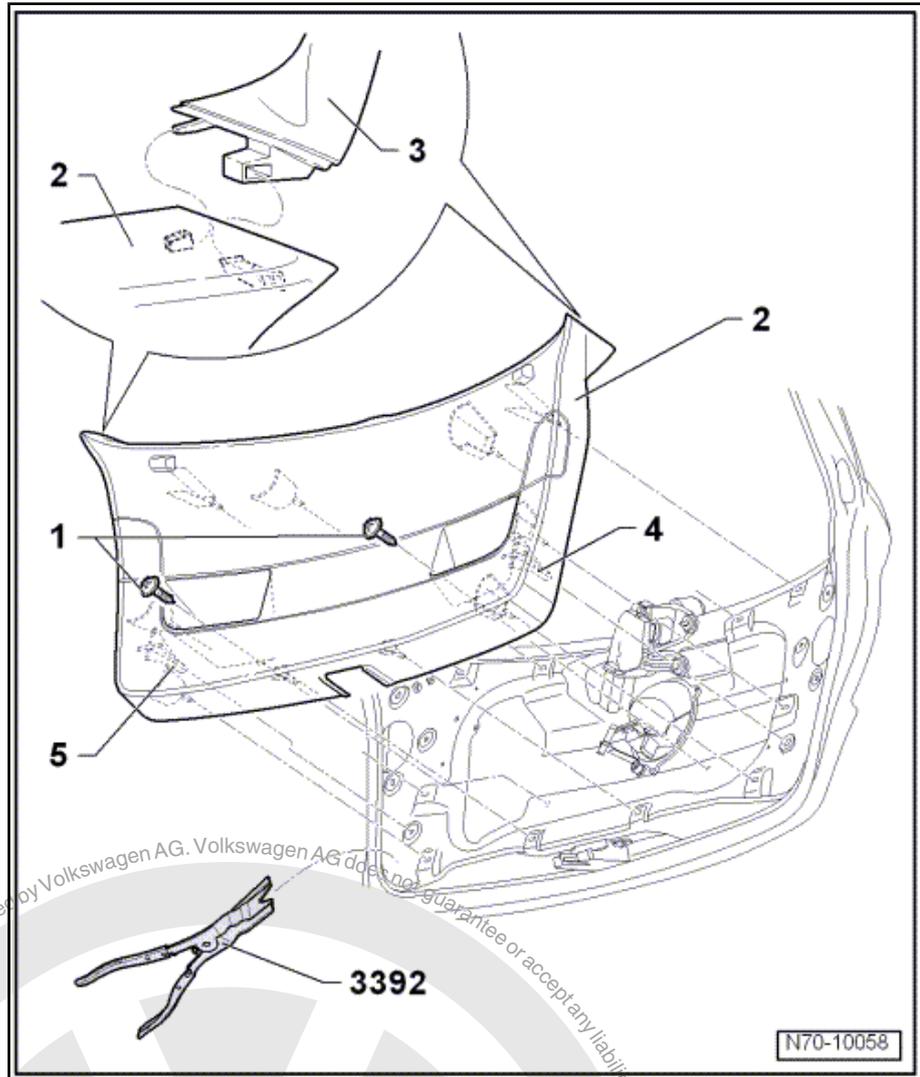
5.2 Removing and installing rear lid trim

5.2.1 Removing

- Remove the two bolts -1- from handle recess (2 Nm).
- Release trim from mountings in rear lid using removal wedge -3392-. Begin along lower edge of rear lid.
- Separate rear lid trim -2- from window frame trim -3- on both sides.



- Pull trim, in area of centralizing pins -4- and -5-, out of mountings in rear lid.



5.2.2 Installing

- Install in reverse order of removal.



Note

Before installing, check securing clips for damage and renew if necessary.

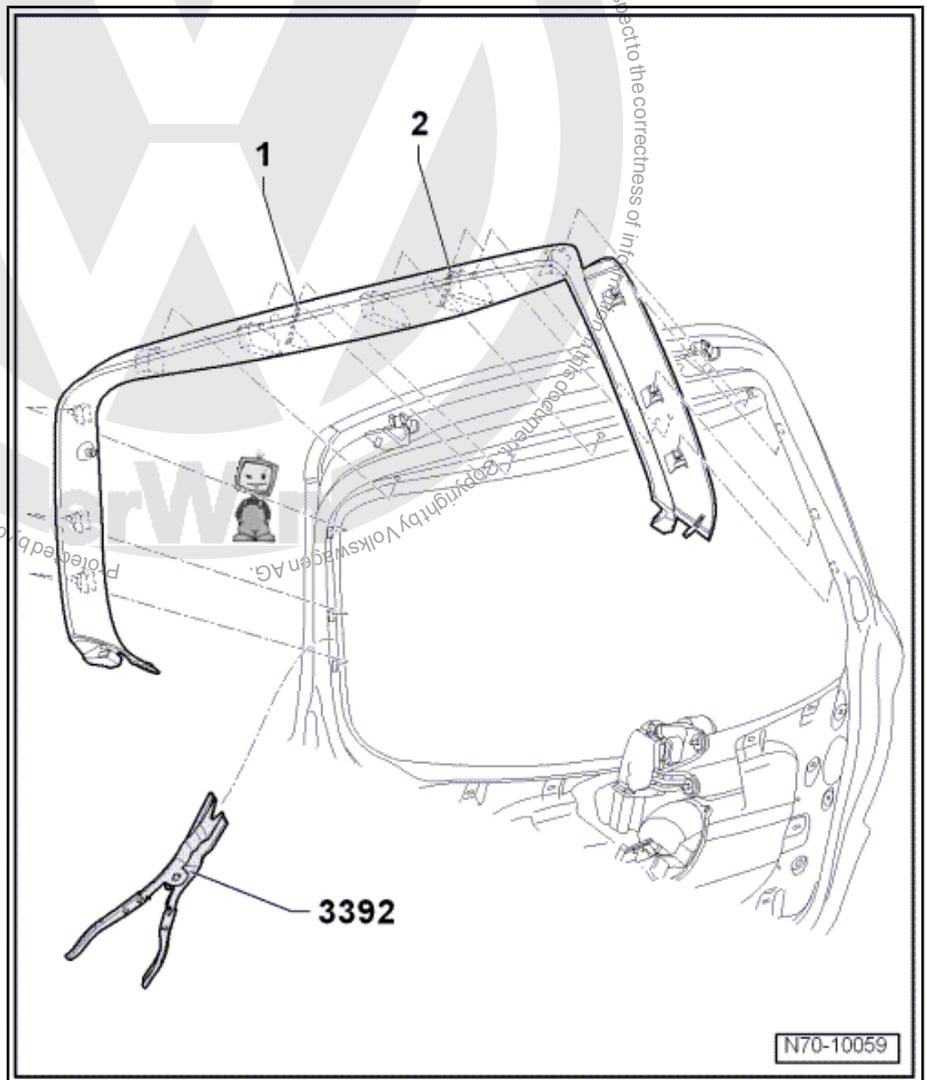
5.3 Removing and installing window frame trim

5.3.1 Removing

- Remove rear lid trim ⇒ [page 235](#) .
- Release trim along sides from mountings in rear lid using wedge -3392- .



- Pull upper edge of trim out of mountings.
- Pull trim, in area of centralizing pins -1- and -2-, out of mountings in rear lid.



5.3.2 Installing

- Install in reverse order of removal.

 **Note**

Before installing, check securing clips for damage and renew if necessary.

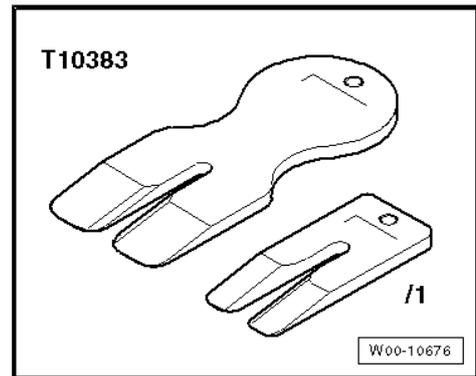


6 Rear lid trim (Golf 2009 ▶)

6.1 Tools

6.1.1 Required special tools, workshop equipment, test and measuring devices and auxiliary items

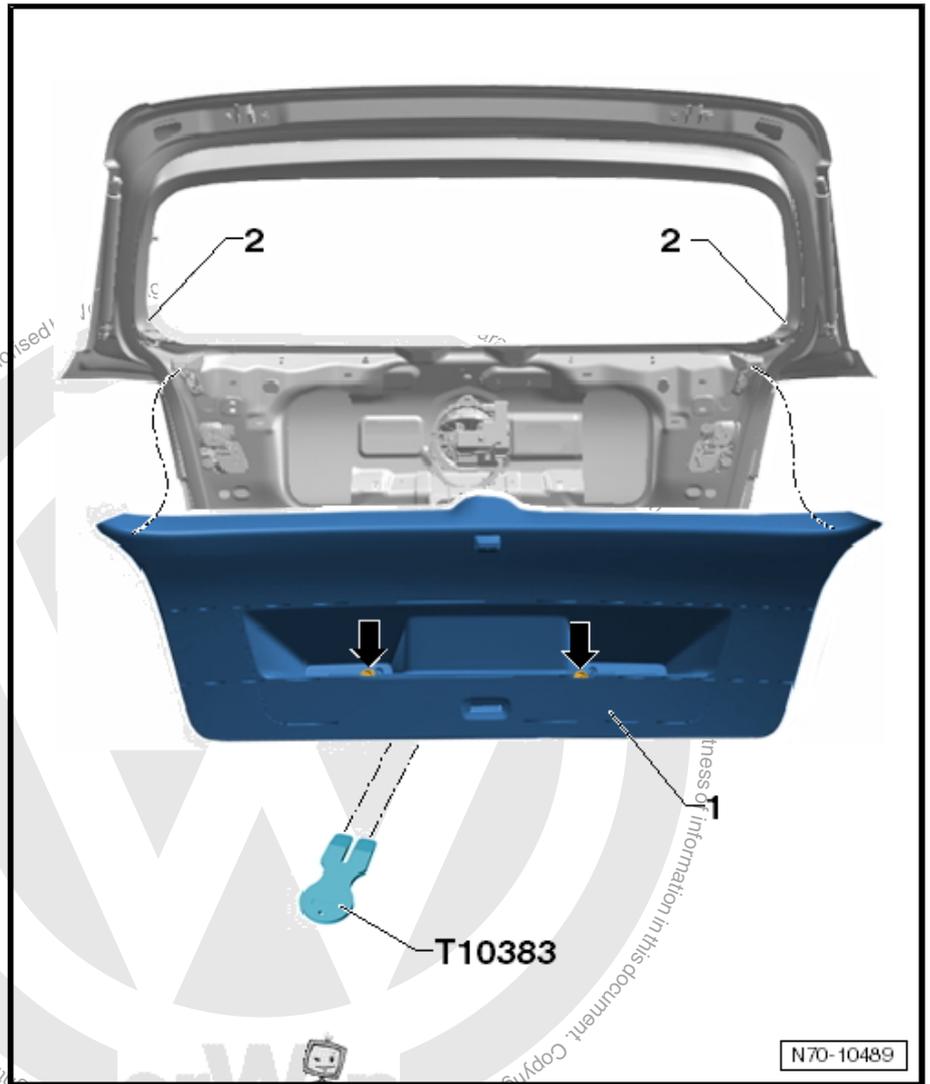
- ◆ Wedges -T10383-



6.2 Removing and installing rear lid trim

Removing

- Remove the two bolts -arrows- from handle recess (1.5 Nm).
- Release trim -1- from mountings in rear lid using wedge -T10383-. Begin along lower edge of rear lid.
- Release both side of rear lid trim from window frame trim -2-.
- Pull trim, in area of centralizing pins out of mountings in rear lid.



Installing

- Install in reverse order of removal.



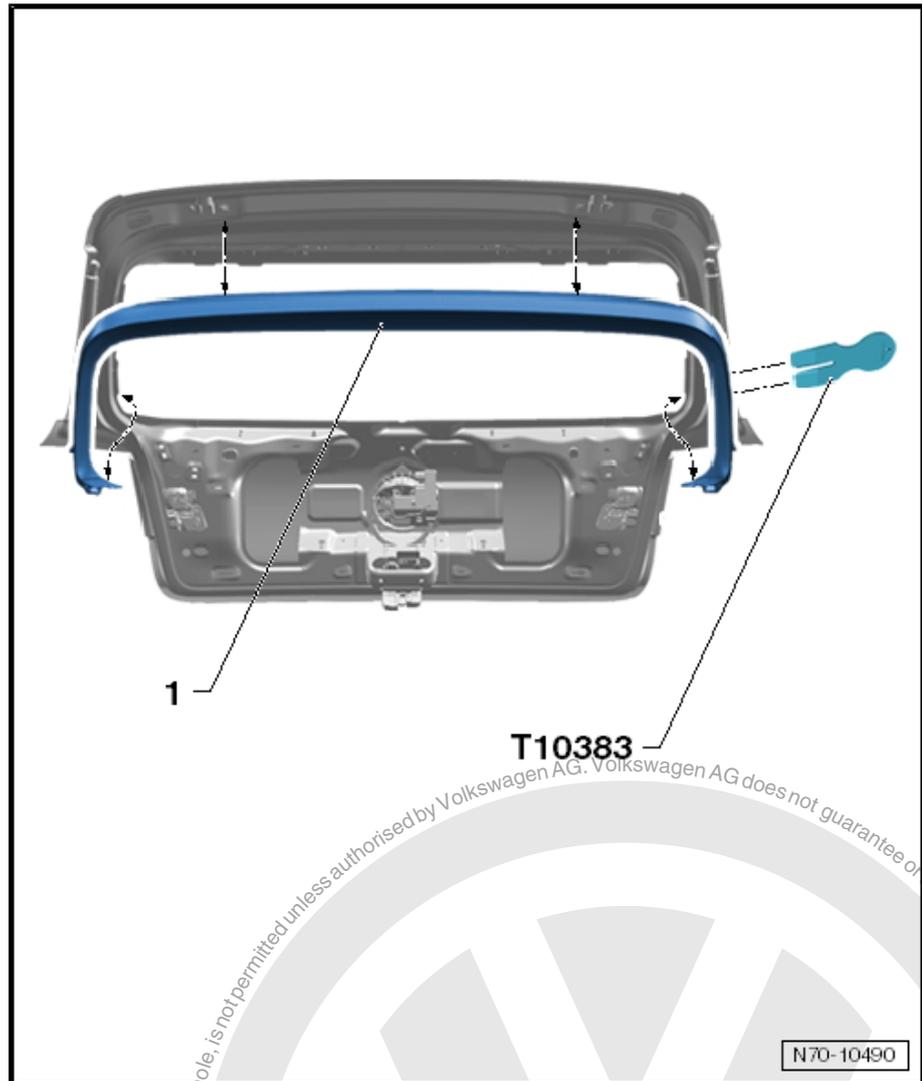
Note

Before installing, check fasteners for damage and renew if necessary.

6.3 Removing and installing window frame trim

Removing

- Remove rear lid trim ⇒ [page 238](#)
- Release trim -1- along sides from mountings in rear lid using wedge -T10383 - .
- Pull upper edge of trim out of mountings.
- Pull trim, in area of centralizing pins, out of mountings in rear lid.



Installing

- Install in reverse order of removal.



Note

Before installing, check fasteners for damage and renew if necessary.



7 Luggage compartment trims

7.1 Removing and installing luggage compartment cover side cover



Note

*Removal and installation is described for the right vehicle side.
Follow same instructions for the left side as appropriate.*

7.1.1 Removing

- Switch off ignition.

2-door

- Remove upper B-pillar trim. Front seat belt anchor rail need not be removed ⇒ [page 228](#) .
- Remove bench seat ⇒ [page 304](#) .
- Remove backrest ⇒ [page 305](#) .
- Remove side panel trim ⇒ [page 233](#) .

4-door, vehicles >06/2005

- Remove bench seat ⇒ [page 304](#) .
- Remove side padding (4-door):
 - ◆ with rear side airbags ⇒ [page 306](#)
 - ◆ with no rear side airbags ⇒ [page 307](#)
- Remove wheel housing liner (4-door) ⇒ [page 84](#) .

4-door, vehicles with rear side airbag, 06/2005 >

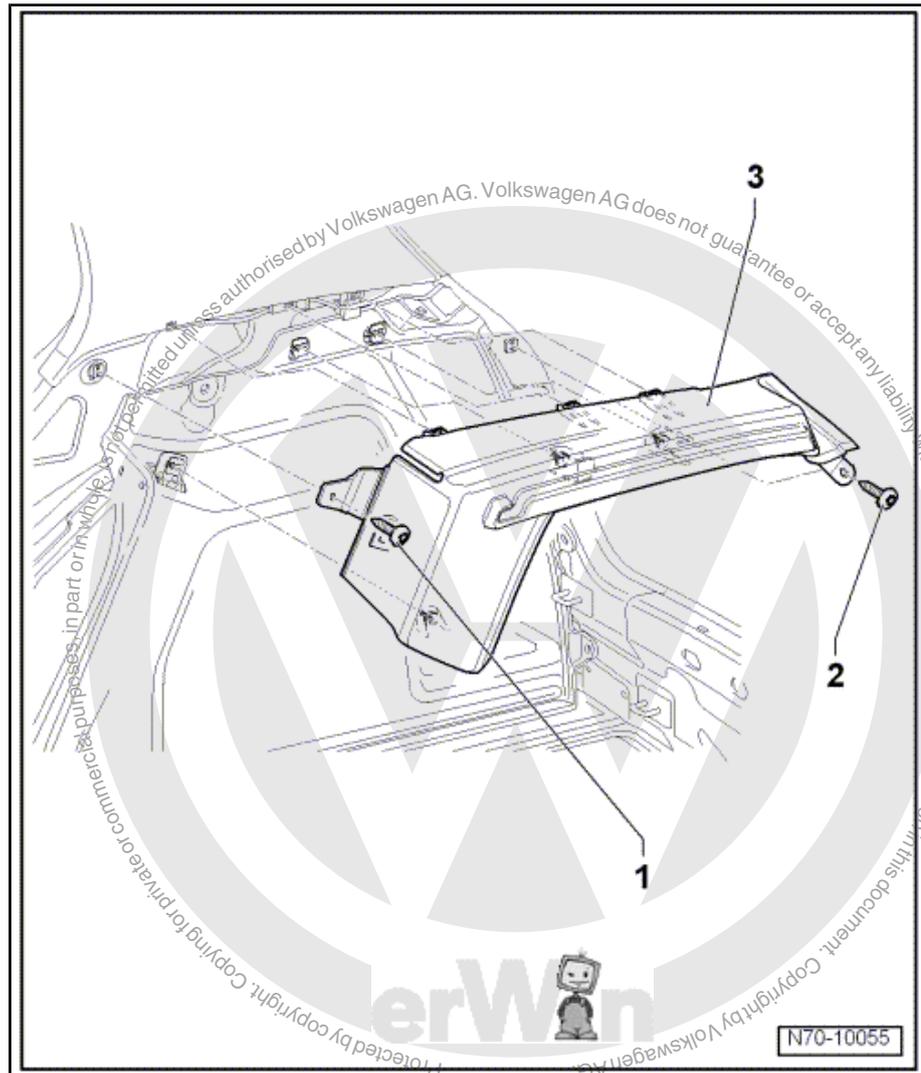
- Remove side padding (4-door):
 - ◆ with rear side airbags ⇒ [page 306](#)
- Remove wheel housing liner (4-door) ⇒ [page 84](#) .

4-door, vehicles without rear side airbag, 06/2005 >

- Remove wheel housing trim, 4-door, without rear side airbag ⇒ [page 85](#) .

All vehicles

- Pull lock carrier cover out of mountings in transition area to support.
- Remove bolts -1- and -2- (1.5 Nm).
- Pull support -3- out of mountings.
- Depending on vehicle equipment, disconnect wiring harness from support.



7.1.2 Installing

- Install in reverse order of removal.



Note

Before installing, check securing clips for damage and renew if necessary.

7.2 Removing and installing luggage compartment side trim panel



Note

Removal and installation is described for the right vehicle side. Follow same instructions for the left side as appropriate.

7.2.1 Removing

- Switch off ignition.
- Remove floor covering from vehicle.



2-door

- Remove upper B-pillar trim. Belt end anchor or anchor rail for front seat belt need not be removed ⇒ [page 228](#) .
- Remove bench seat ⇒ [page 304](#) .
- Remove backrest ⇒ [page 305](#) .
- Remove side panel trim ⇒ [page 233](#) .

4-door, vehicles ▶06/2005

- Remove bench seat ⇒ [page 304](#) .
- Remove side padding (4-door):
 - ◆ with rear side airbags ⇒ [page 306](#)
 - ◆ with no rear side airbags ⇒ [page 307](#)
- Remove wheel housing liner (4-door) ⇒ [page 84](#) .

4-door, vehicles with rear side airbag, 06/2005▶

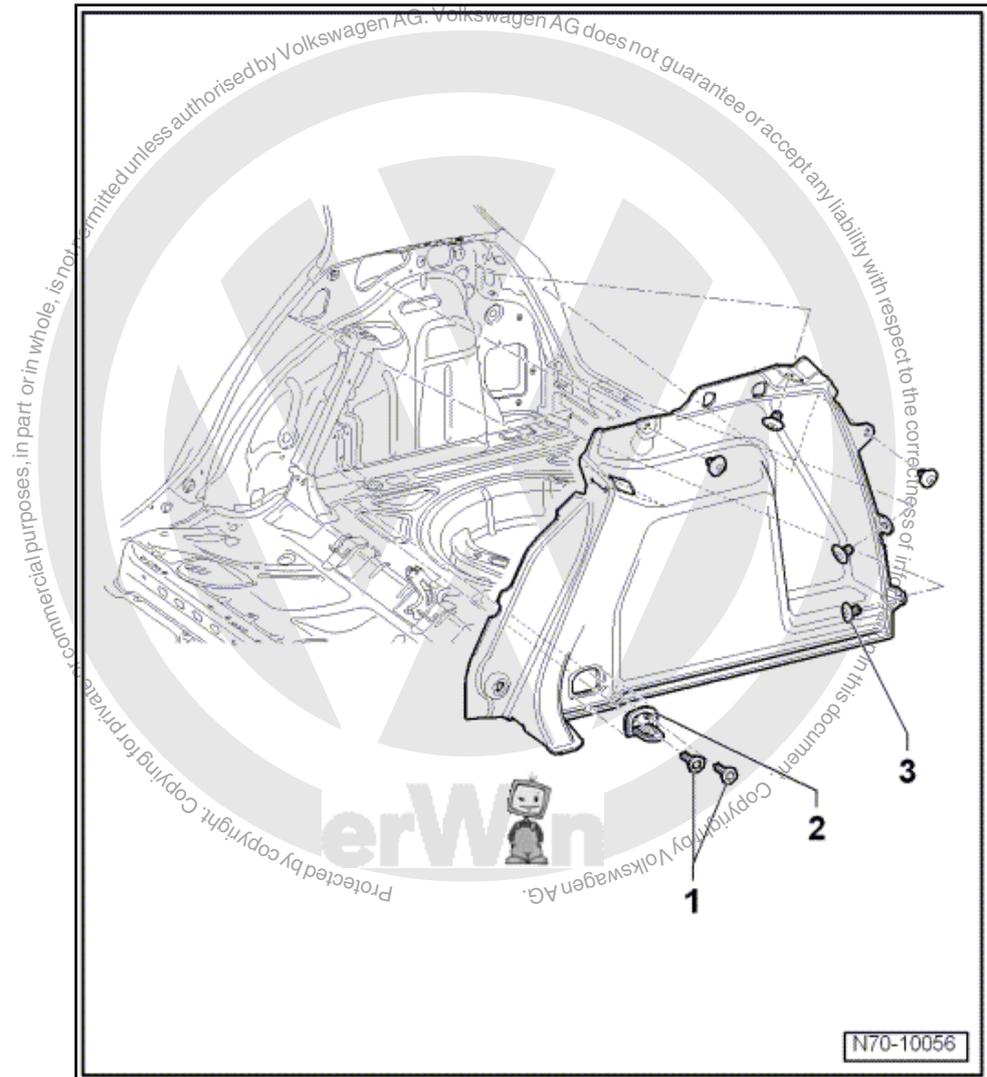
- Remove side padding (4-door):
 - ◆ with rear side airbags ⇒ [page 306](#)
- Remove wheel housing liner (4-door) ⇒ [page 84](#) .

4-door, vehicles without rear side airbag, 06/2005▶

- Remove wheel housing trim, 4-door, without rear side airbag ⇒ [page 85](#) .

All vehicles

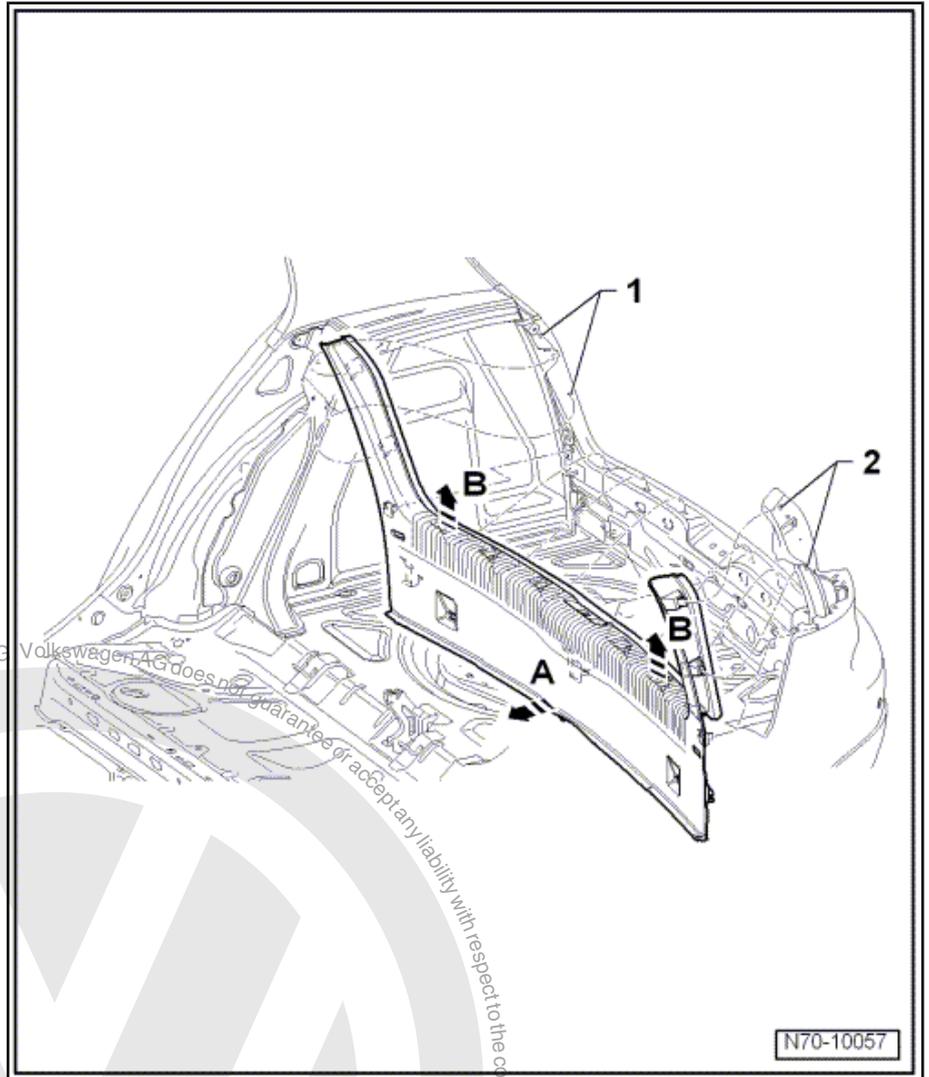
- Remove rear lock carrier cover ⇒ [page 244](#) .
- Remove luggage compartment cover side support ⇒ [page 241](#) .
- Remove the two bolts -1- (8 Nm) and remove lashing eye -2-.
- Remove the five press studs -3- and remove trim panel from vehicle.



7.3 Removing and installing rear lock carrier cover

7.3.1 Removing

- Remove floor covering from vehicle.
- Release lower section of cover -arrow A- from body.
- Pull cover out of side fasteners -1- and -2- in body.
- Pull off cover upwards from lock carrier -arrows B-.



7.3.2 Installing

Install in reverse order of removal.



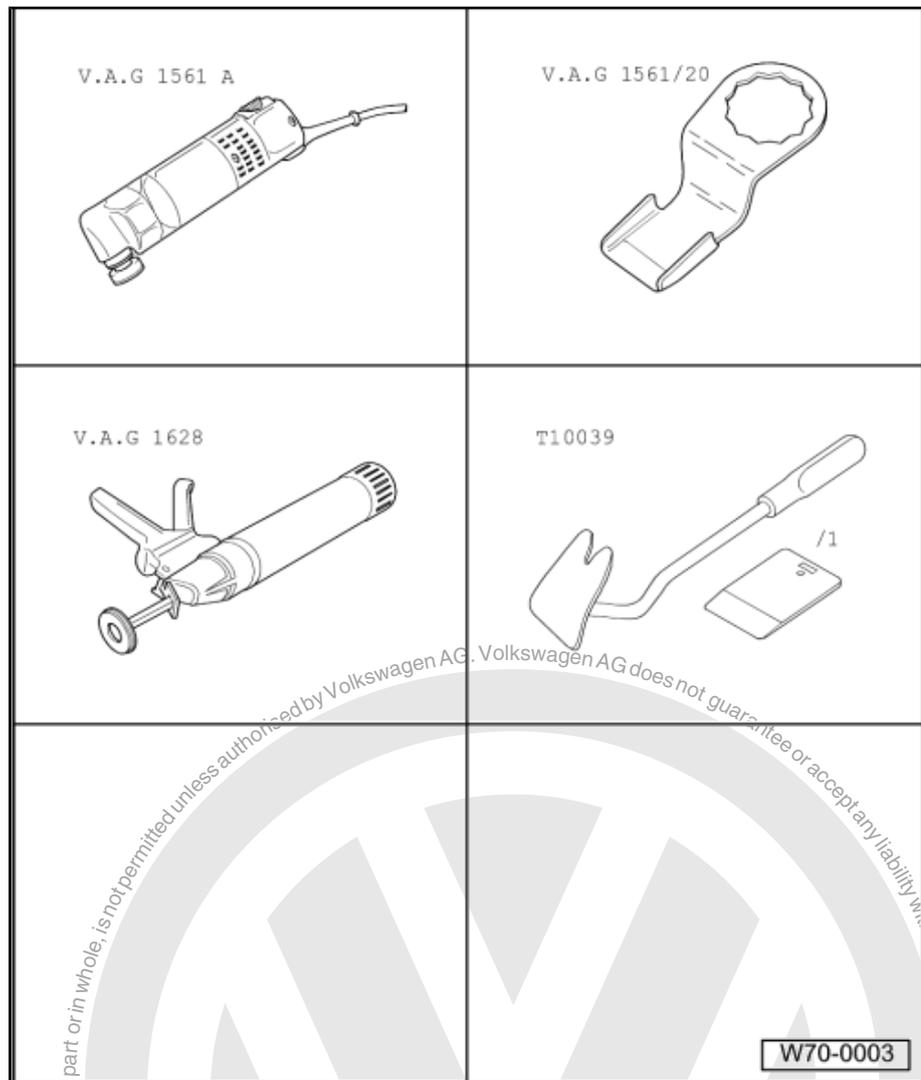
Note

Before installing, check securing clips for damage and renew if necessary.



8 Roof trims

8.1 Tools



- ◆ Electric cutter -V.A.G 1561 A-
- ◆ Cutting blade -V.A.G 1561/20-
- ◆ Hand-cartridge gun -V.A.G 1628-
- ◆ Release lever -T10039 -

8.2 Removing and installing roof frame trim

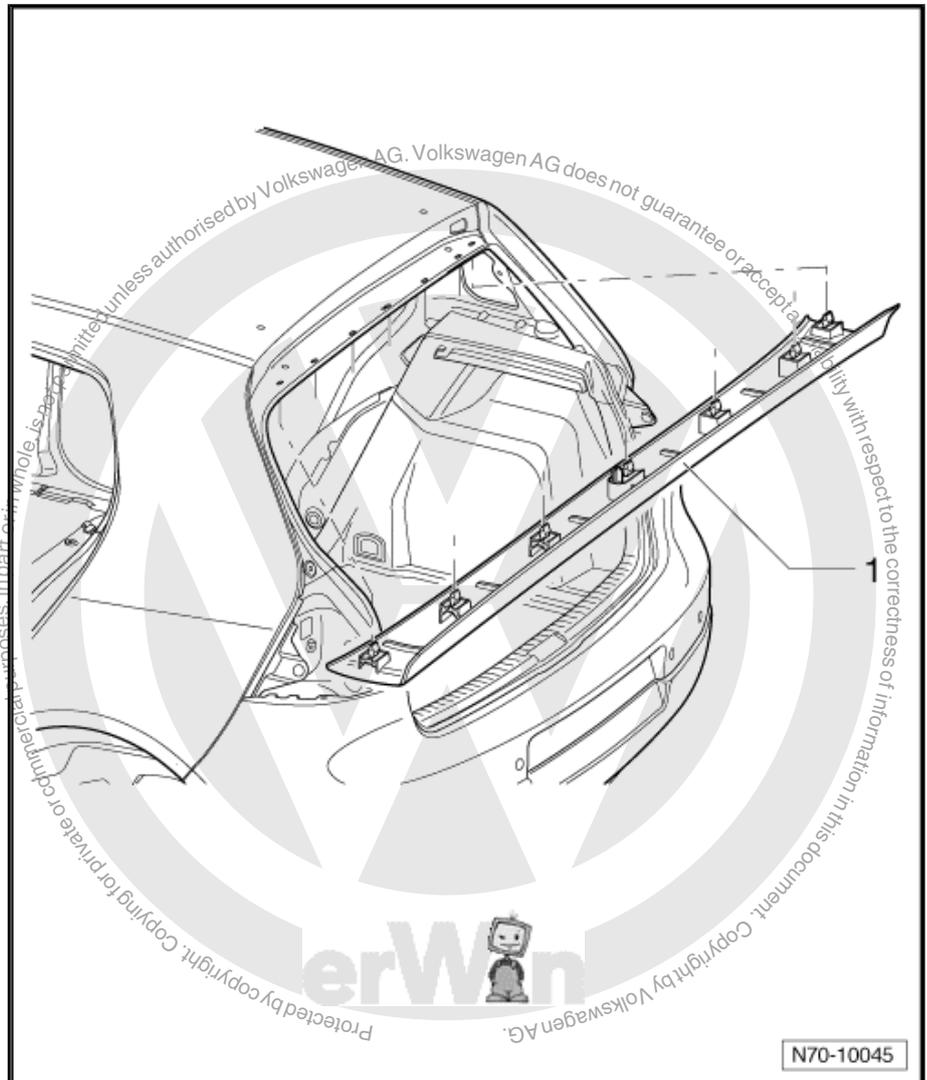
8.2.1 Removing

- Open rear lid.
- Pull off roof frame trim -1- downwards out of mountings in roof cross member and out of bead of rear lid seal.



i Note

Before installing, check fasteners for damage and renew if necessary.



8.2.2 Installing

- Install in reverse order of removal.

8.3 Removing and installing moulded headlining

8.3.1 Removing

- Open sliding/tilting sunroof, if fitted.
- Switch off ignition.
- Remove front interior light -W1- .⇒ Rep. Gr. 96. .
- Remove roof frame trim ⇒ [page 246](#) .
- Remove right dash panel end trim ⇒ [page 60](#) .



- Remove right A-pillar centre trims ⇒ [page 224](#)
- Remove upper right A-pillar trim ⇒ [page 223](#) .
- Loosen left A-pillar trim in transition area to moulded headlining.
- Remove upper B-pillar trims. Belt end anchors or anchor rails for front seat belts need not be removed ⇒ [page 228](#) .

Only 2-door.

- Remove bench seat ⇒ [page 304](#) .
- Remove backrest ⇒ [page 305](#) .
- Remove side panel trim ⇒ [page 233](#) .
- Remove luggage compartment cover side support ⇒ [page 241](#) .
- Remove C-pillar trims ⇒ [page 232](#) .

Only 4-door.

- Remove airbag emblems -1- and unscrew bolts -2- (4 Nm) from both C-pillar trims.



Note

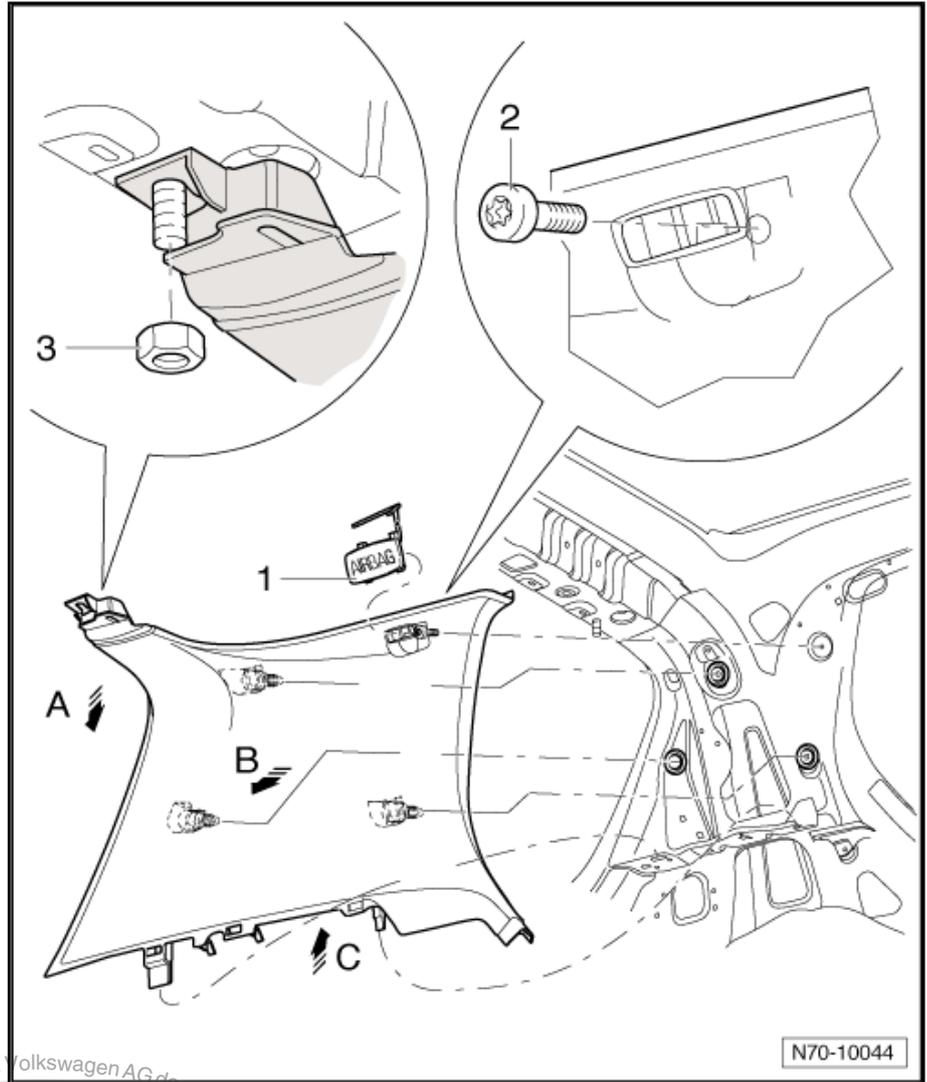
On reinstallation, airbag emblems -1- must be renewed.

- Unscrew nuts -3- (1.5 Nm).
- Release trims from studs of nuts -3- -arrow A-.
- Release trims from mountings -arrow B- and from door seal beading.



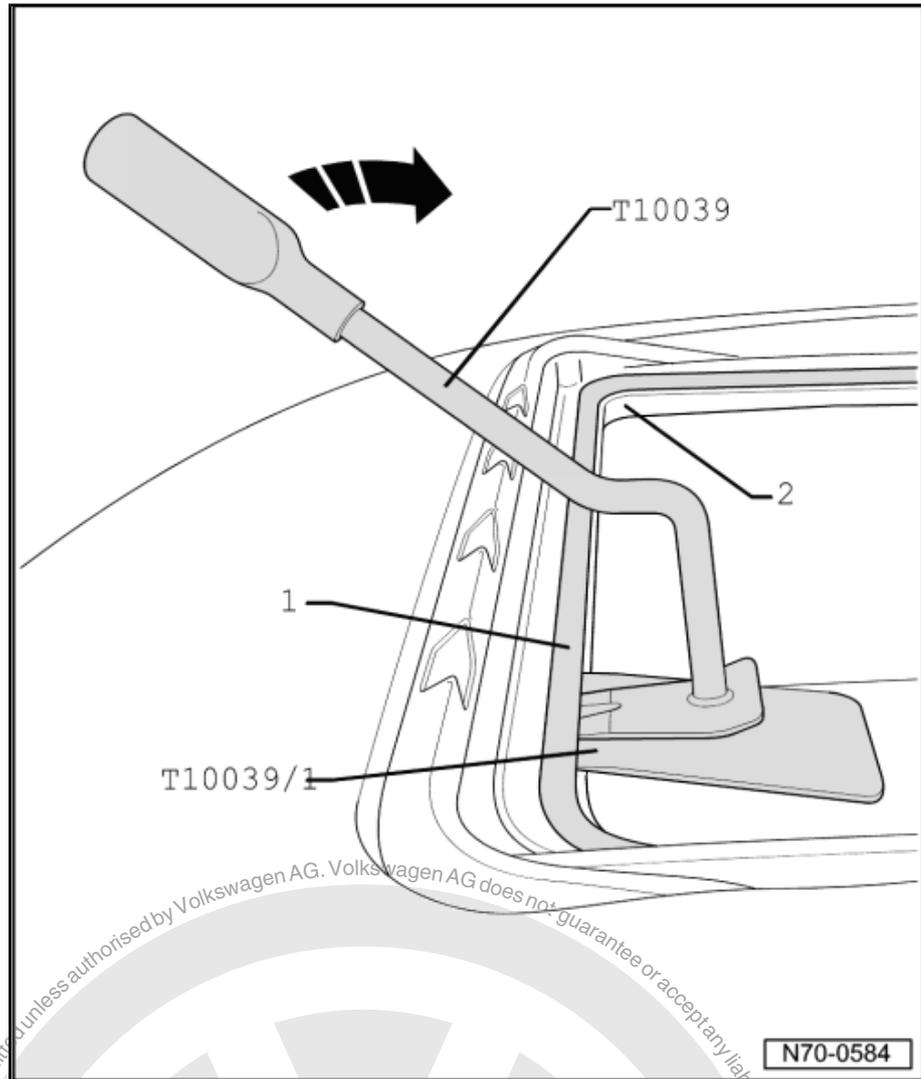
Note

Removing C-pillar trims completely is not necessary in vehicles with four doors.

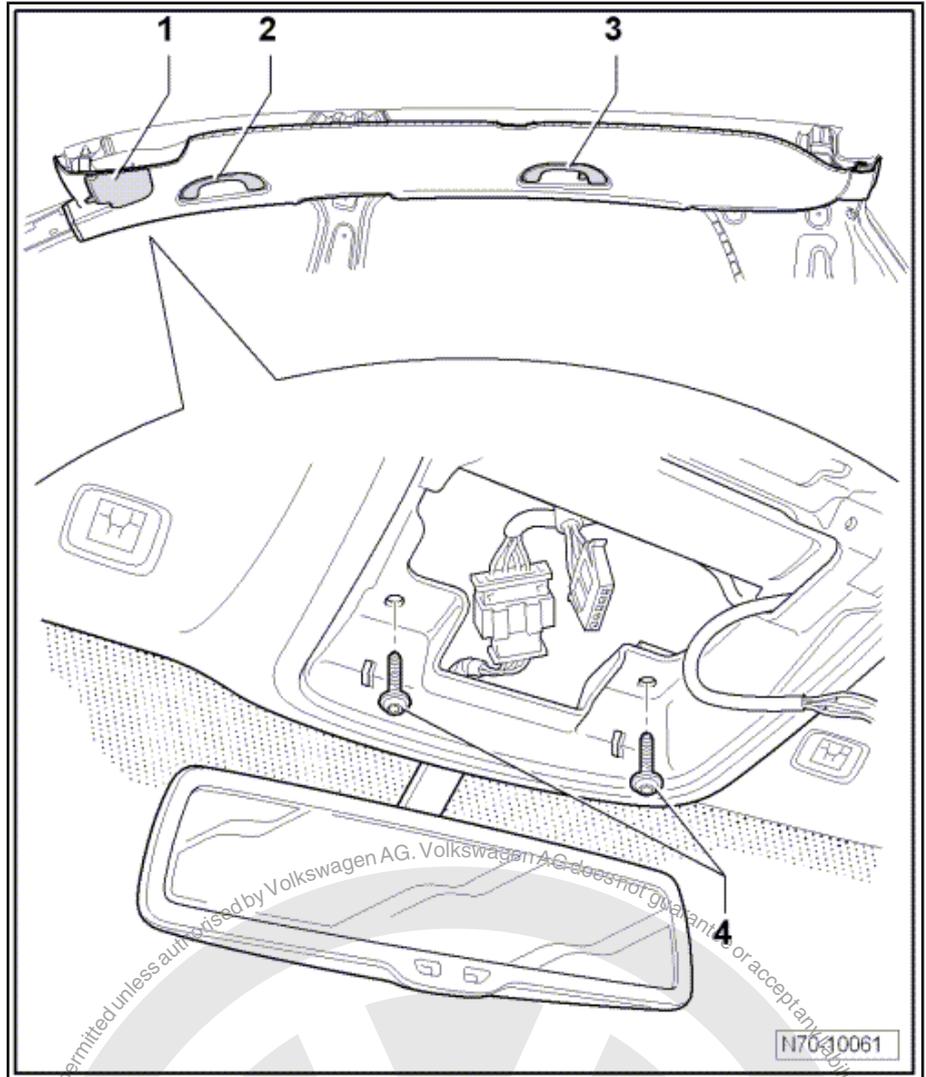


Vehicles with sliding/tilting sunroof

- Push wedge -T10039/1- between frame -1- and moulded headlining -2-.
- Separate frame from moulded headliner using release lever -T10039/1- in -direction of arrow-, moving along perimeter.

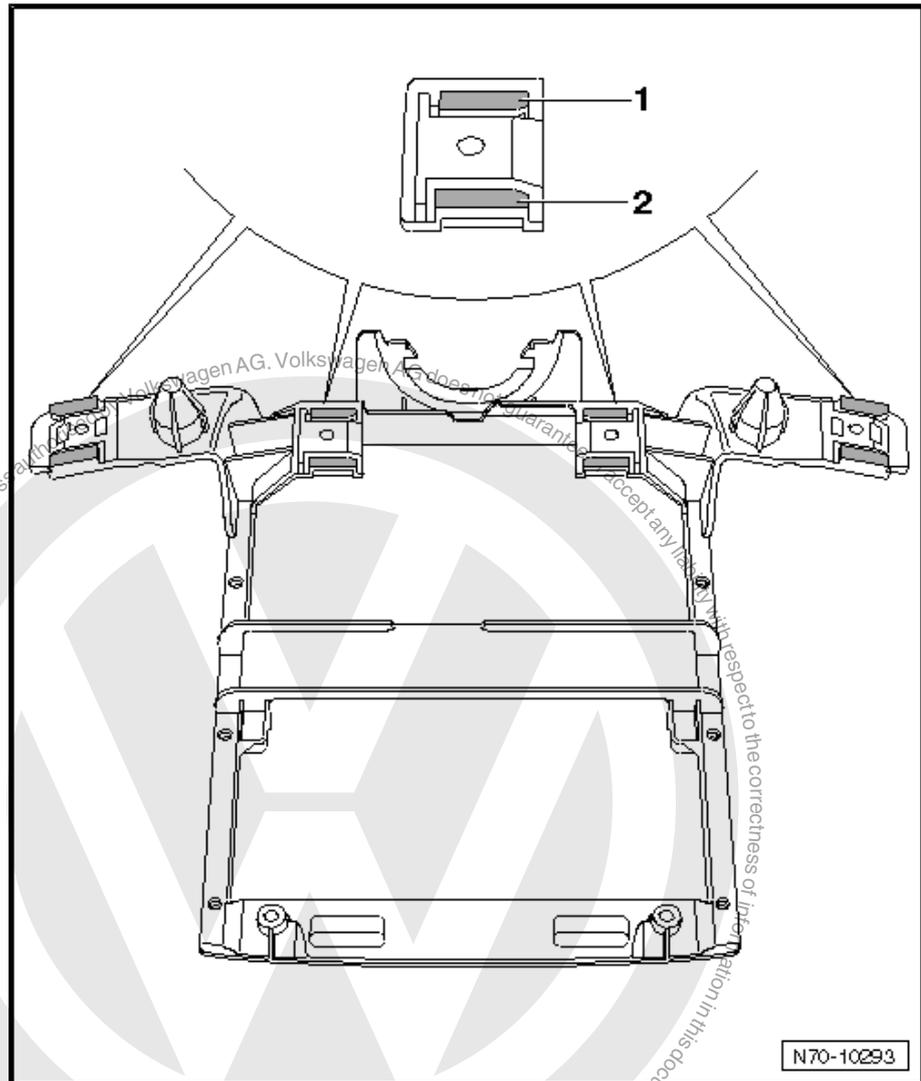


- Remove sun visors -1- ⇒ [page 77](#)
- Remove left and right roof grab handles -2- and -3- ⇒ [page 88](#) .
- Remove the two bolts -4- (2 Nm).
- Lower moulded headliner slightly and, depending on vehicle equipment, disconnect wiring harness from moulded headliner.
- Remove moulded headliner from vehicle through rear lid.



8.3.2 Installing

- Install in reverse order of removal.
- On vehicles with console in moulded headliner, cut out remaining clip mountings -1- and -2- in area of four bolt holes.



i Note

4 door models: When fitting, the moulded headliner must be guided into the correct installation position, above the C pillars, by 2 additional fitters!

8.4 Removing and installing roof insulation/ reinforcement

8.4.1 Removing

- Remove moulded headliner ⇒ [page 247](#) .

i Note

The following illustrations show a Lupo. For a Golf the removal and installation procedure of the roof insulation/reinforcement is similar.

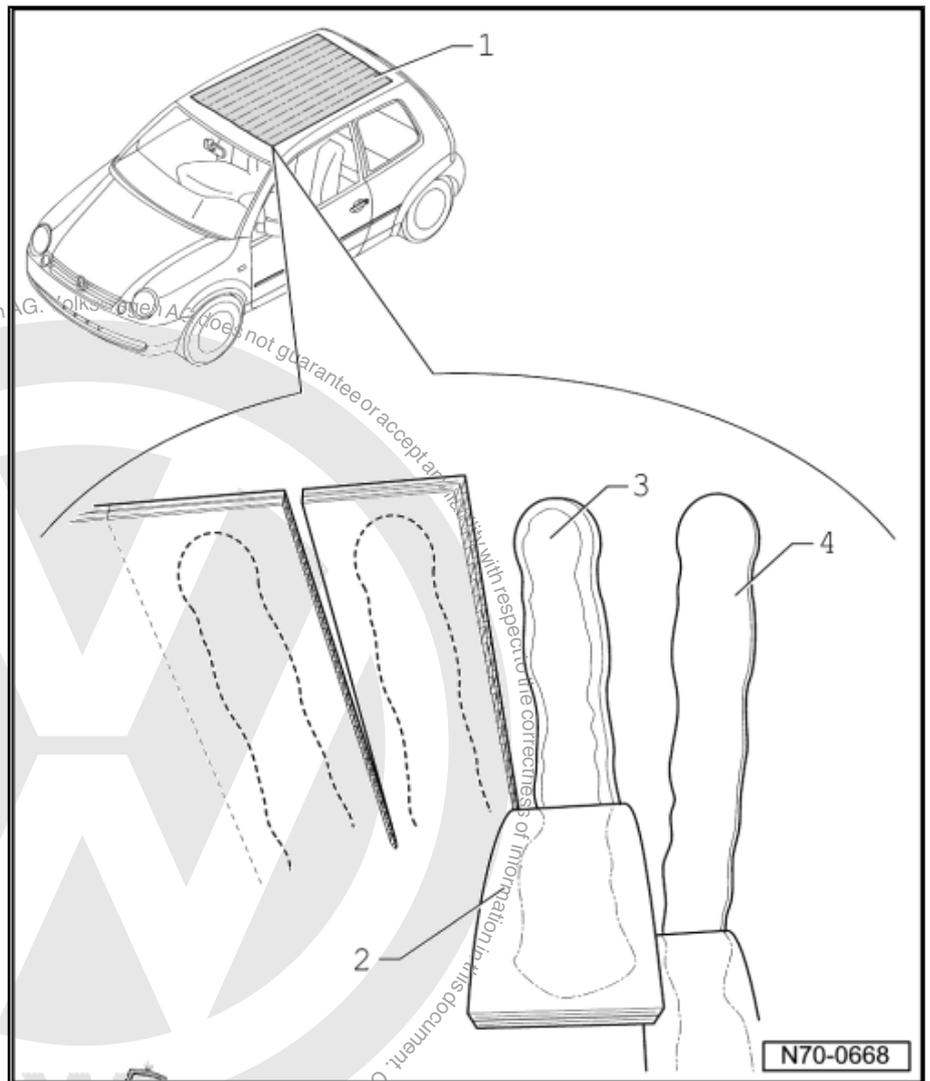
- Cut the roof insulation/reinforcement -1- into approx. 6 cm wide strips -2- forwards using a carpet knife.



- Pull strips -2- from roof.
- Cut adhesive residues -3- back with electric cutter - V.A.G 1561 A- and cutting blade -V.A.G 1561/20- -4-.

i Note

If paint structure has been damaged on removal of the roof insulation/reinforcement, repair paint damage according to guidelines of ⇒ Paint workshop manual .



8.4.2 Installing

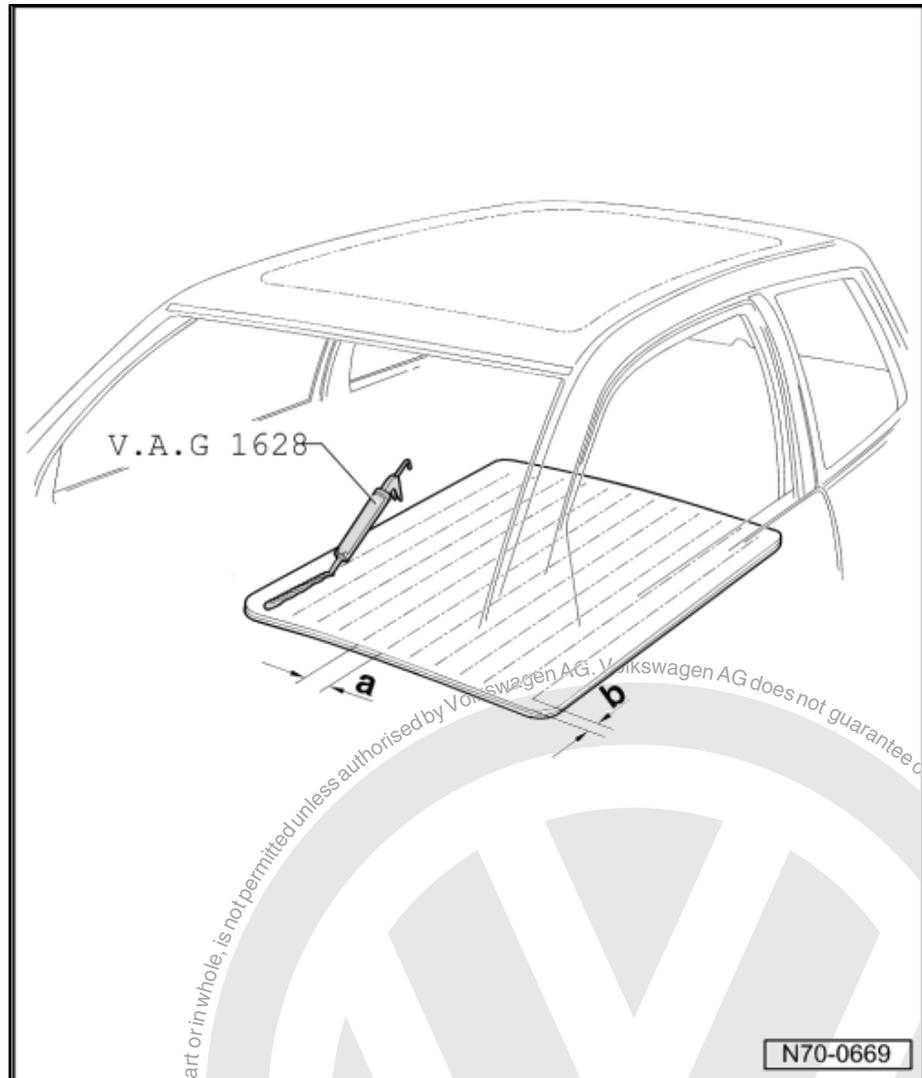
i Note

Observe adhesive instructions when installing roof insulation/reinforcement.

- Use hand-cartridge gun -V.A.G 1628- to apply adhesive D 190 MKD A3 onto DVD.
- Apply beads of adhesive onto roof insulation/reinforcement.



- Dimension a = 58 ± 2 mm
- Dimension b = 25 ± 5 mm
- Transport roof insulation/reinforcement into vehicle via rear lid aperture and press fully onto roof.



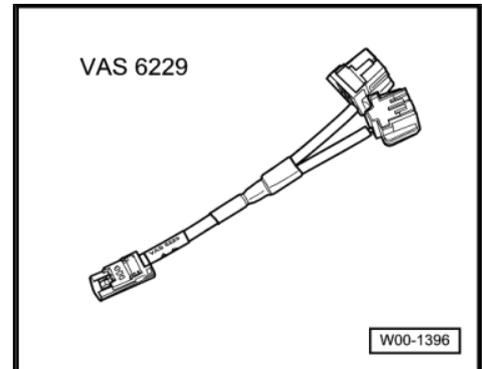


9 Floor covering

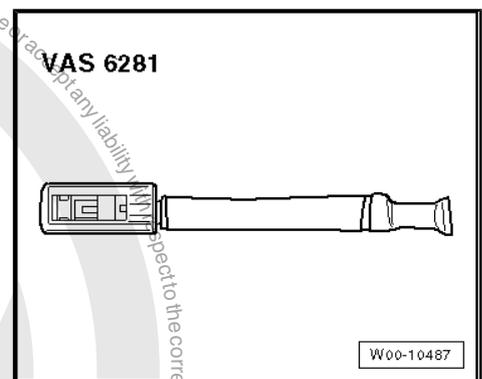
9.1 Tools

Special tools and workshop equipment required

- ◆ Airbag adapter -VAS 6229-



- ◆ Airbag adapter -VAS 6281-



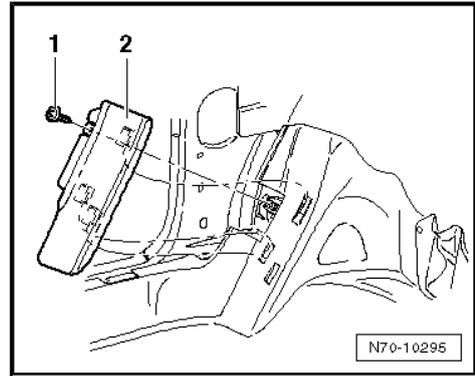
9.2 Removing and installing floor covering

9.2.1 Removing

- Remove front seats ⇒ [page 260](#) .
- Remove accelerator pedal module ⇒ Rep. Gr. 20 .
- Remove centre console:
 - ◆ Base version ⇒ [page 6](#)
 - ◆ Highline version ⇒ [page 15](#)
- Remove dash panel end trim ⇒ [page 60](#) .
- Remove bonnet operating lever ⇒ Rep. Gr. 55 .
- Remove sill mouldings:
 - ◆ Two-door ⇒ [page 81](#)
 - ◆ Four-door ⇒ [page 82](#)
- Remove lower A-pillar trims:
 - ◆ Driver's side ⇒ [page 225](#)
 - ◆ Passenger side ⇒ [page 227](#)

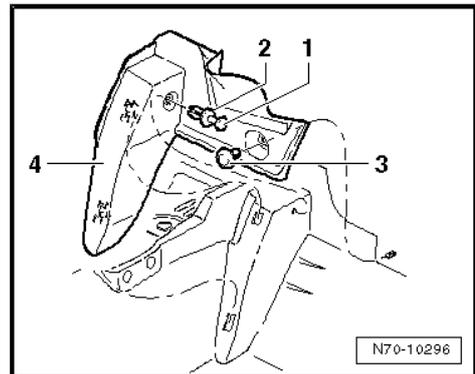


- Unscrew bolt -1- (1.5 Nm) and pull footrest cover -2- upwards out of mountings in floor panel.



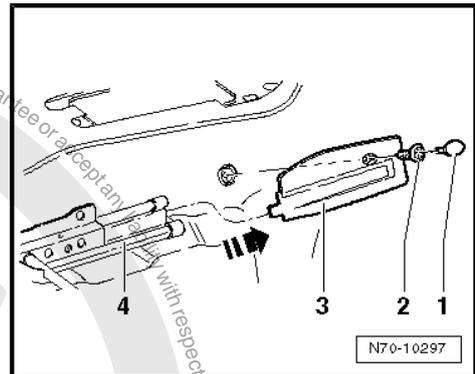
Right-hand drive vehicles only.

- Pull clip -1- out and remove stud -2-.
- Loosen stud -3- from threaded pin.
- Pull footrest cover -4- up out of mountings in floor panel.



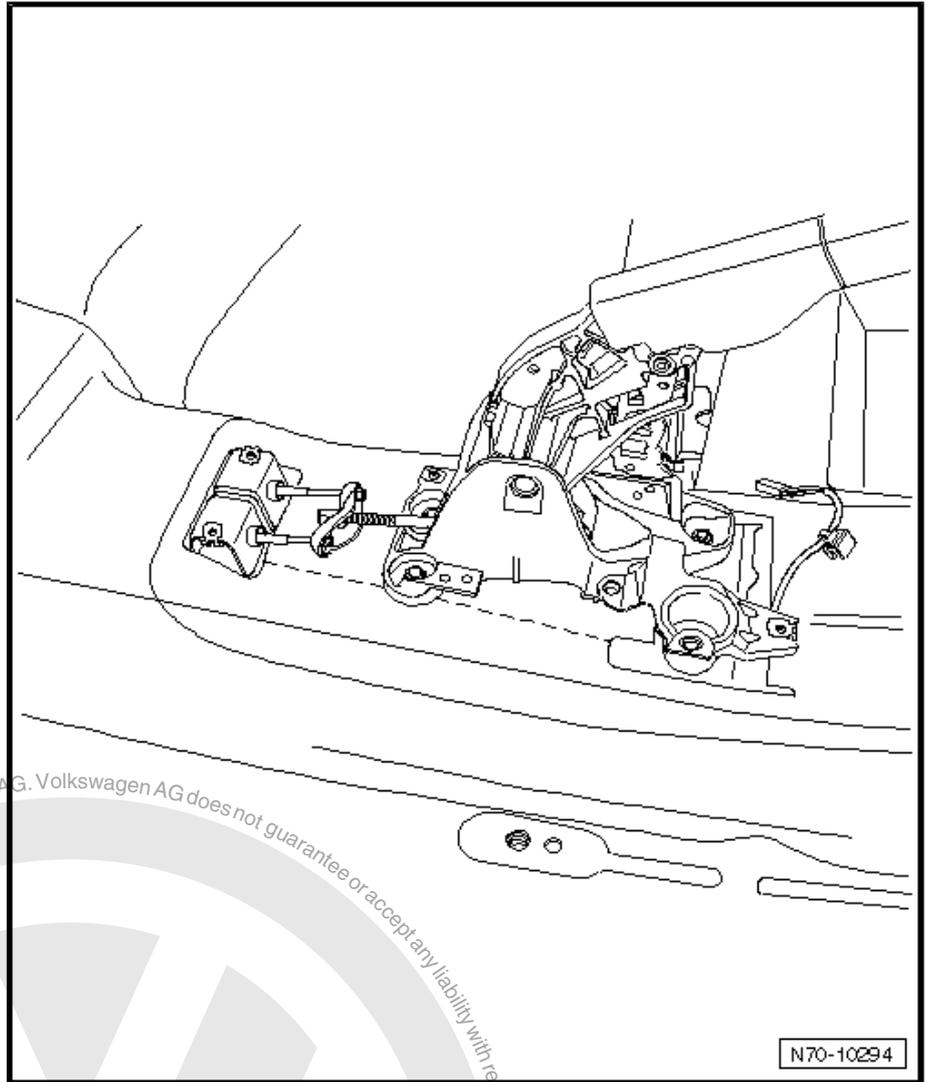
Two-door vehicles and vehicles with electric seat adjustment only

- Remove cover -1- and remove bolt -2- (1 Nm).
- Remove bracket -3- from seat rail -4-.



All vehicles

- Cut floor covering at both -dot-dash lines- in area of handbrake console.
- Remove floor covering from vehicle.



9.2.2 Installing

Install in reverse order of removal.

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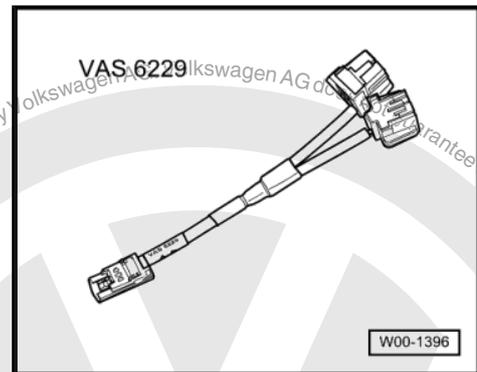
72 – Seat frames

1 Front seats

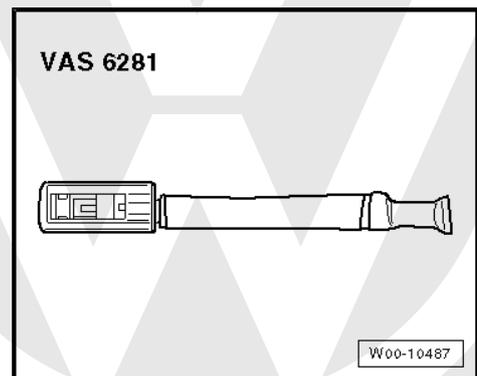
1.1 Tools

Special tools and workshop equipment required

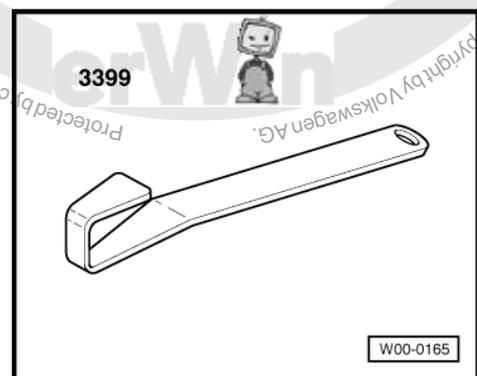
- ◆ Airbag adapter -VAS 6229-



- ◆ Airbag adapter -VAS 6281-

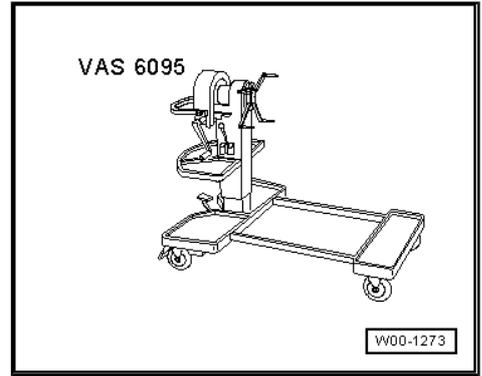


- ◆ Assembly tool -3399-

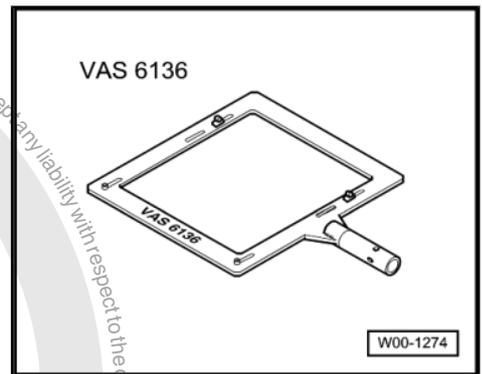




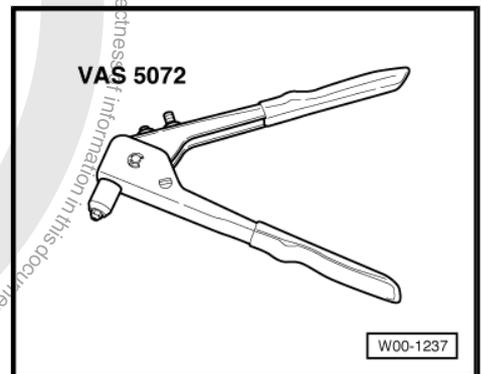
- ◆ Engine and gearbox support -VAS 6095-



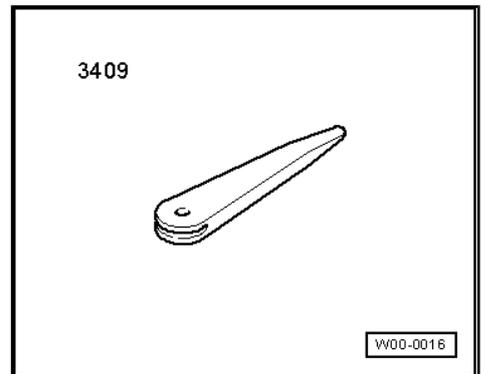
- ◆ Seat repair stand VAS 6136-



- ◆ Pop-rivet pliers -VAS 5072-



- ◆ Removal wedge -3409-





1.2 Removing and installing front seat



Note

- ◆ *Removal and installation is described for the left vehicle side. Follow same instructions for the right side as appropriate.*
- ◆ *Removal and installation is described for a manually adjustable seat. Removal and installation of an electrically adjustable seat is similar.*

1.2.1 Removing



WARNING

Follow safety precautions when working on the airbag.

- Remove drawer from seat, if fitted.
- Move seat to foremost position using longitudinal adjustment.
- Remove bolts -3- and -4-.
- Move seat to rearmost position using longitudinal adjustment.
- Disconnect vehicle battery → Rep. Gr. 27
- Remove cover cap -5- from coupling station.



WARNING

Electrostatic discharges may result in unintentional triggering of airbag. Therefore, the mechanic must electrostatically discharge him/herself before disconnecting the igniter and earth wires. This can be done by briefly touching the body or striker plate of the door.

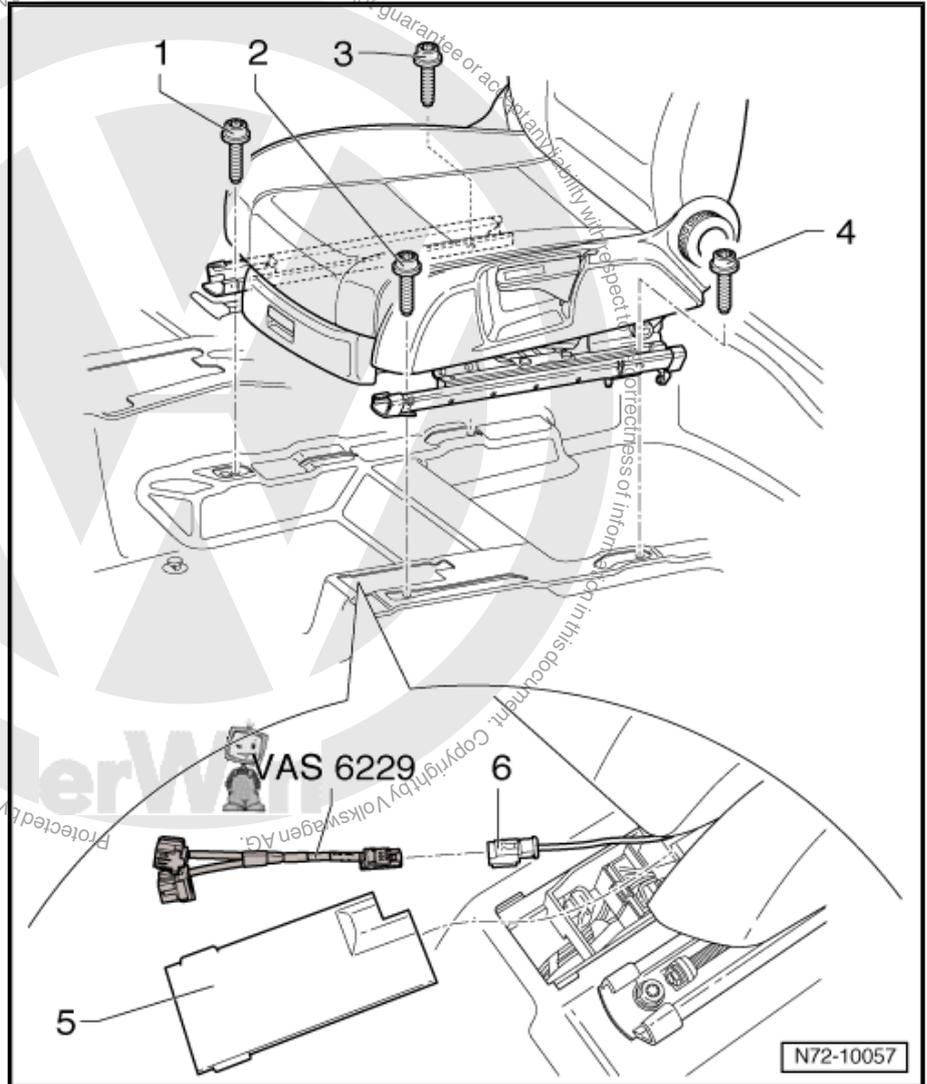
- Depending on vehicle equipment, disconnect seat wiring harness from coupling station.
- Connect airbag adapter -VAS 6229- or airbag adapter -VAS 6281- to side airbag wiring harness -6-.
- Remove bolts -1- and -2-.
- Release wiring harness from mountings in floor.



Caution

If seat is lifted out of vehicle or transported, it must not, in order to prevent damage, be gripped by attaching parts such as, e.g. belt buckle, lever for seat longitudinal adjustment, lever for seat height adjustment or seat trim panels.

- Insert right hand between backrest and seat cushion, grip front end of seat cushion with left hand and lift seat out of vehicle.



1.2.2 Installing

- Lift seat through front door opening.
- Locate seat on centralizing pins, mounted on sides of tunnel, and into respective openings in floor.
- Tighten bolt -1- (40 Nm).
- Tighten bolt -2- (40 Nm).

⚠ WARNING

If a thread in seat cross member mounting plate is damaged on seat installation, reworking damaged threads is prohibited! In this case, the seat cross member mounting plate must be replaced.

If seat cross member mounting plate threads have been damaged:

- Replace the affected seat cross member mounting plate
 ⇒ Body Repairs; Rep. Gr. 51



- Remove airbag adapter -VAS 6229- or airbag adapter -VAS 6281- .
- Lock side airbag wiring harness -6- into coupling station.
- Depending on vehicle equipment, reconnect all other wiring harnesses into coupling station.
- Secure wiring harness in fastener on floor and fit cover cap -5- onto coupling station.
- Reinstall seat drawer, if fitted.
- Switch ignition on.



WARNING

Ensure that nobody is in the vehicle.

- Reconnect vehicle battery ⇒ Rep. Gr. 27 .
- Move seat to foremost position using longitudinal adjustment.
- Tighten bolt -3- (40 Nm).
- Tighten bolt -4- (40 Nm).



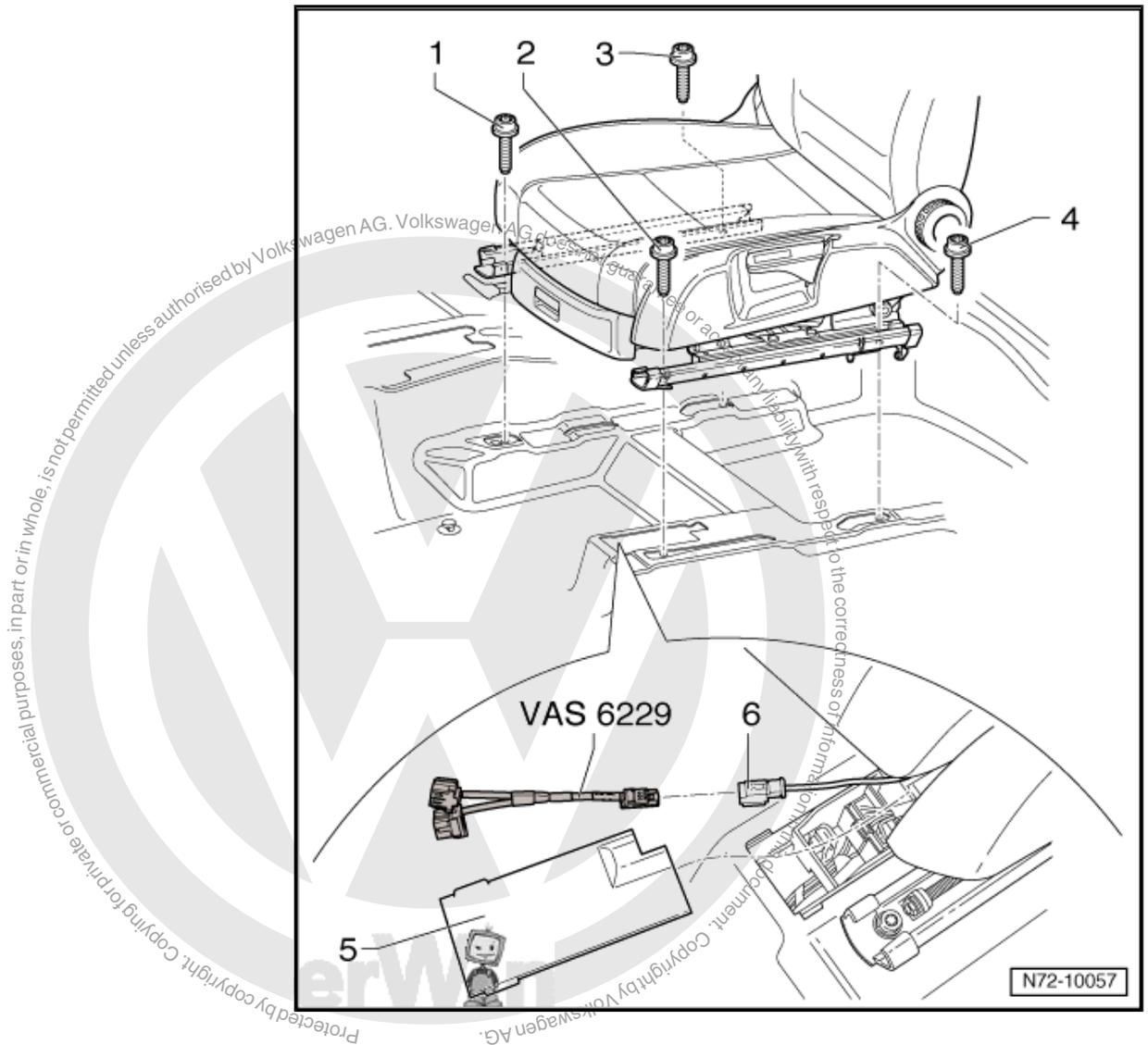
WARNING

If a thread in seat cross member mounting plate is damaged on seat installation, reworking damaged threads is prohibited! In this case, the seat cross member mounting plate must be replaced.



If seat cross member mounting plate threads have been damaged:

- Replace the affected seat cross member mounting plate
⇒ Body Repairs; Rep. Gr. 51



1.3 Removing and installing left side trim on seat



Note

*Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.*

1.3.1 Removing

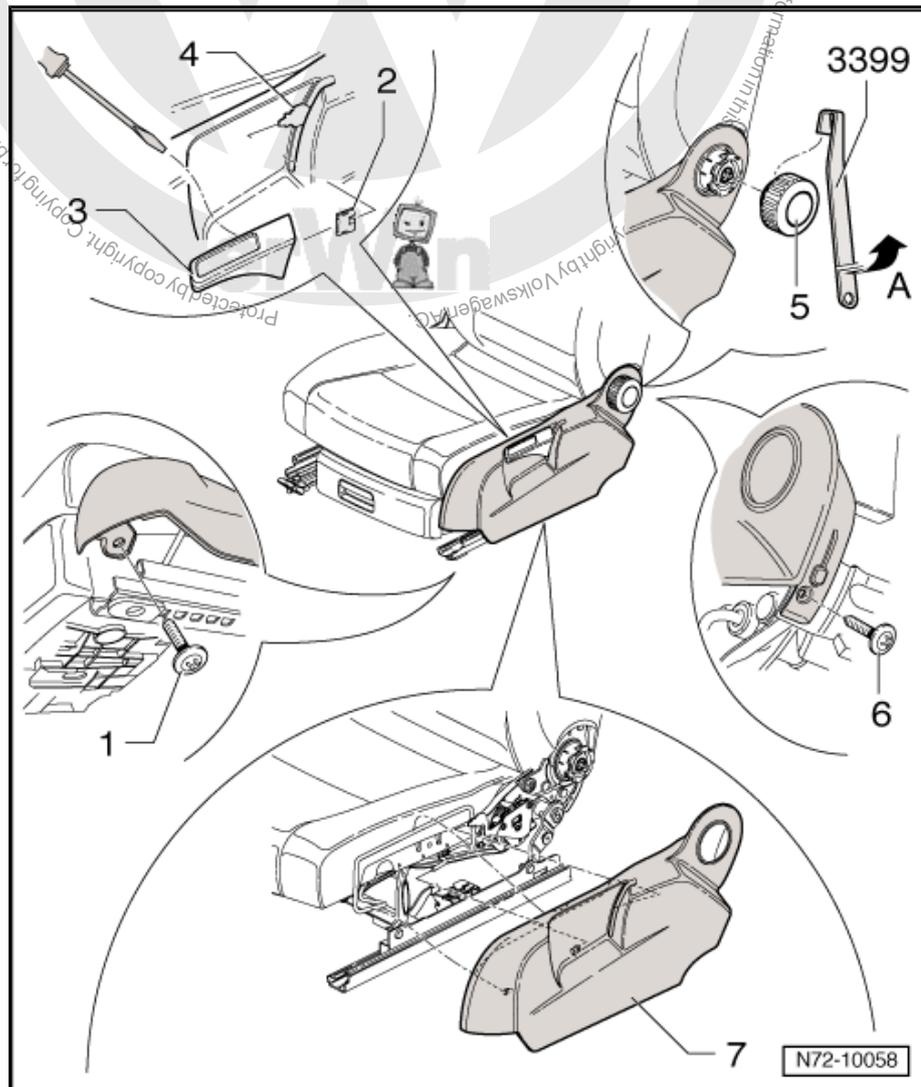
- Remove front seat ⇒ [page 260](#) .
- Remove bolt -1- (2.5 Nm).
- Using a small screwdriver, press metal tab of fastener -2- inwards and pull handle off -3- from adjustment lever -4-.



Note

For greater clarity, fastener is shown removed in figure.

- Remove fastener -2- from adjustment lever -4-.
- Using assembly tool -3399- , grasp behind backrest adjustment knob -5-.
- Lever assembly tool -3399- outwards -arrow A- and release backrest adjustment knob from seat.
- Remove bolt -6- (2.5 Nm).
- Detach trim -7- forwards from mountings in seat frame.



1.3.2 Installing

- Install in reverse order of removal.



1.4 Removing and installing left bucket seat trim

Note

Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.

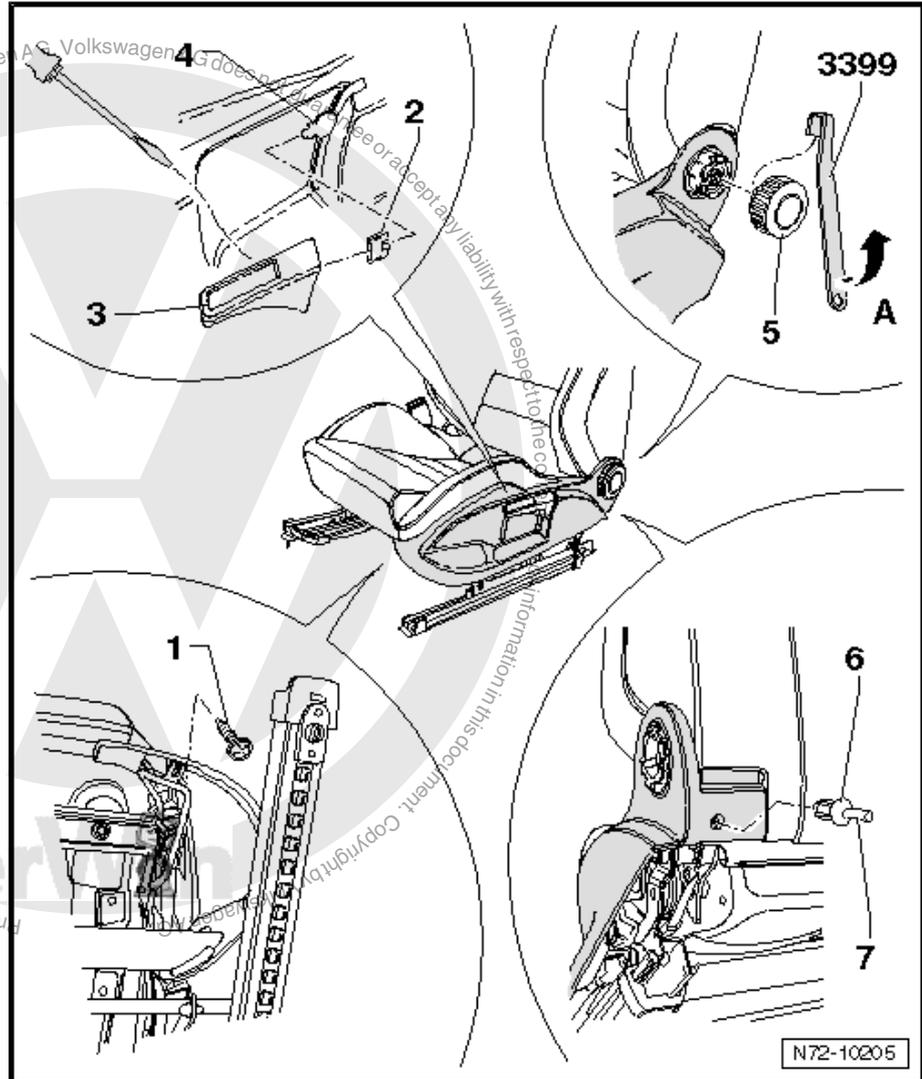
1.4.1 Removing

- Remove front seat ⇒ [page 260](#) .
- Remove bolt -1- (2.5 Nm).
- Pull handle -3- upwards and press metal tab of securing clip -2- inwards using a small screwdriver. Pull handle off adjuster lever -4-.

Note

For greater clarity, fastener is shown removed in figure.

- Remove fastener -2- from adjustment lever -4-.
- Using assembly tool -3399- , grasp behind one of the three locking devices of the backrest adjustment knob -5-.
- Lever assembly tool -3399- outwards -arrow A- and release backrest adjustment knob from seat.
- Press clamping pin -7- inwards and remove securing clip -6-.
- Release trim -8- from mountings on seat.



1.4.2 Installing

- Install in reverse order of removal.

1.5 Removing and installing backrest trim of front bucket seat



Note

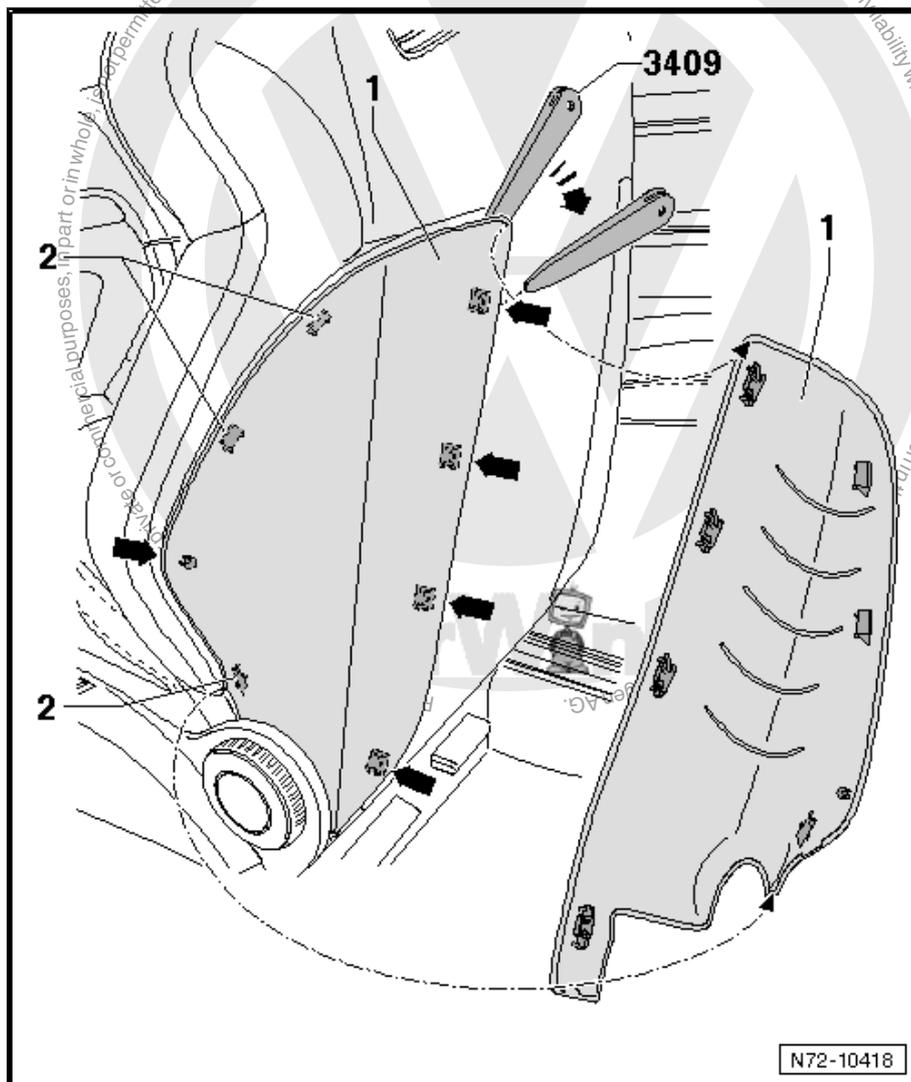
Removal and installation are described for outer backrest trim on left side of vehicle. Apply the same instructions for the other backrest trim as appropriate.

1.5.1 Removing

- Lever out backrest trim -1- from backrest in area of retainers -arrows- using removal wedge -3409- .



- Pull backrest trim -1- slightly to rear. Slide backrest trim out of mountings in backrest in area of guides -2-



1.5.2 Installing

- Install in reverse order of removal.

1.6 Removing and installing trims on left side of electrically adjustable seat



Note

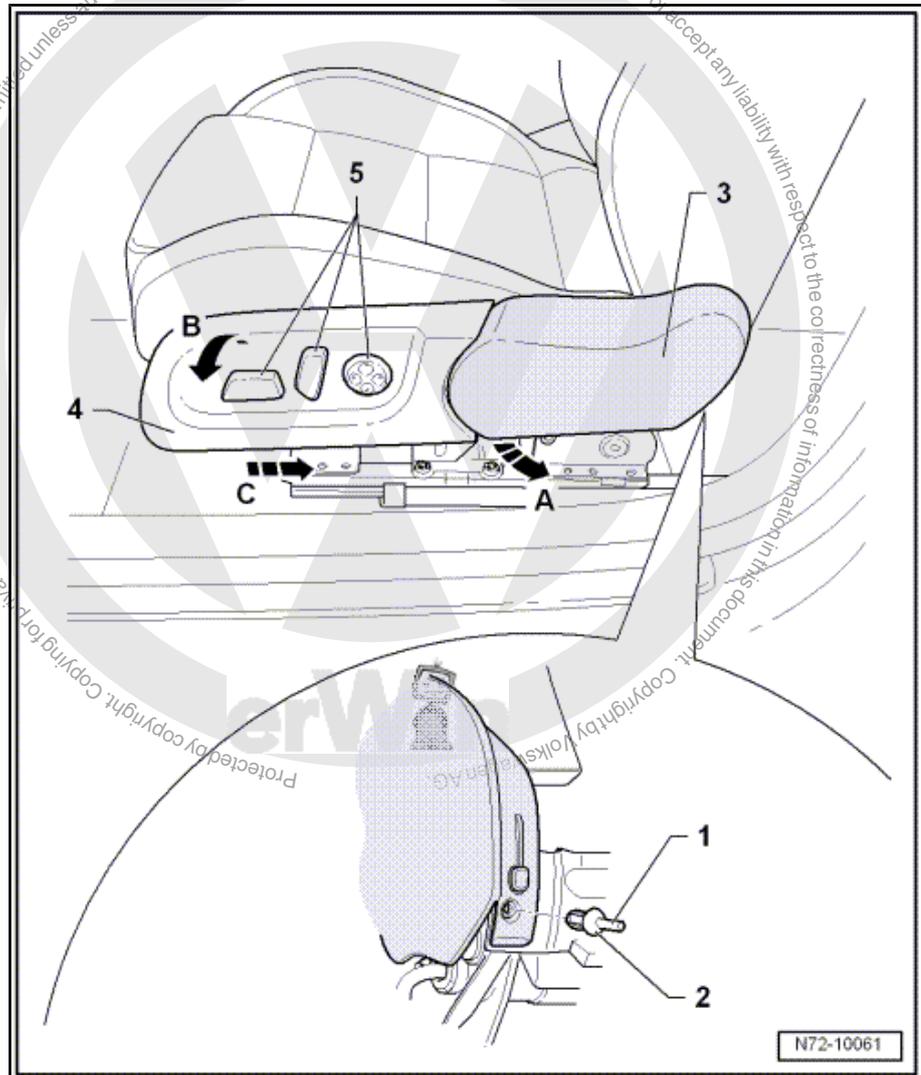
Removal and installation is described for the left vehicle side. Follow same instructions for the right side as appropriate.

1.6.1 Removing

- Switch off ignition.
- Press clamping pin -1- inwards and remove securing clip -2-.
- Pull rear section of trim -3- outwards, then swing trim downwards -arrow A-.



- Detach rear trim from seat.
- Pull front section of trim -4- upwards, then swing trim outwards -arrow B-.
- Press front section of trim to rear -arrow C-.
- Detach front section of trim from seat and disconnect wiring harnesses from switches -5-.



1.6.2 Installing

- Install in reverse order of removal.

1.7 Removing and installing left side trim on seat (seat with through-loading function)

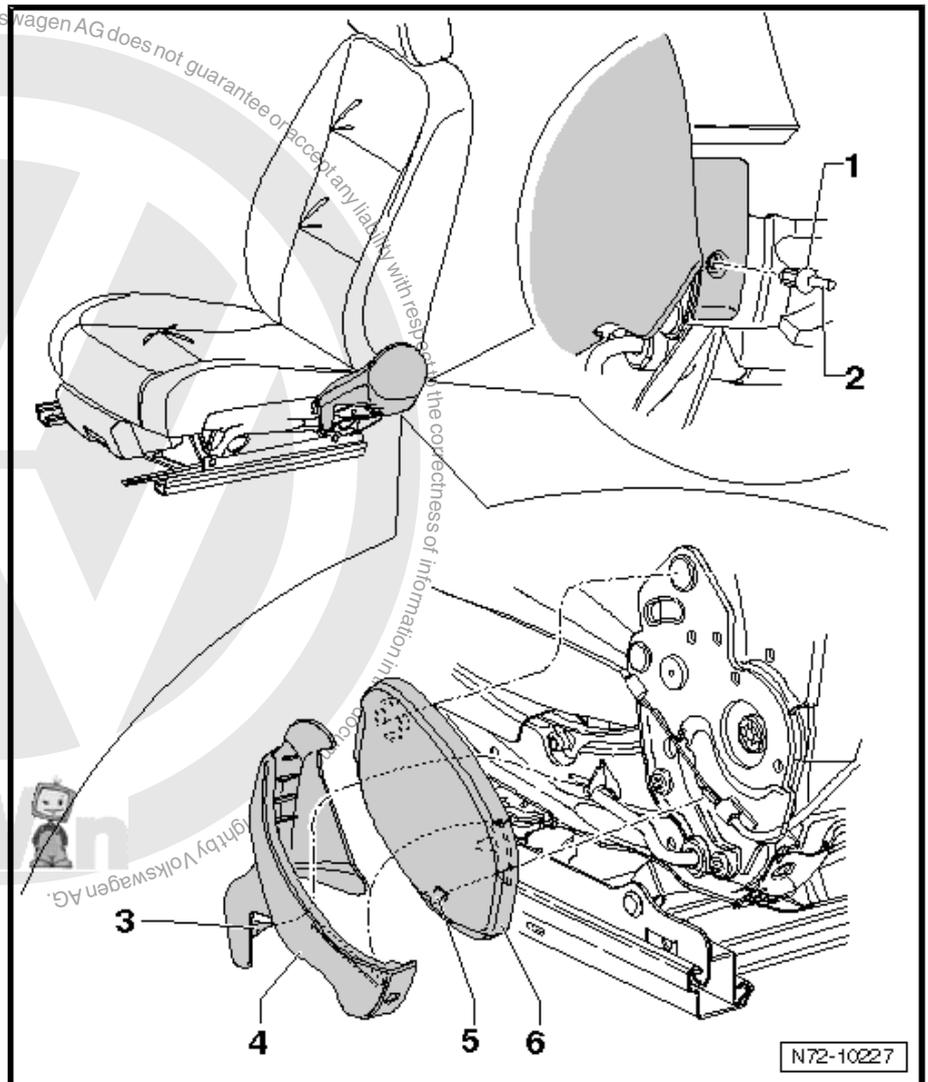
1.7.1 Removing

- Remove front seat ⇒ [page 260](#) .
- Remove front belt buckle:
- ◆ Two-door ⇒ [page 98](#)



◆ Four-door ⇒ [page 100](#)

- Press clamping pin -2- inwards and remove securing clip -1-.
- Release locking hooks -3- and release trim -4- from seat.
- Release locking hooks -5- and release trim -6- from seat.



1.7.2 Installing

- Install in reverse order of removal.

1.8 Removing and installing right side trim on seat (seat with through-loading function)

1.8.1 Removing

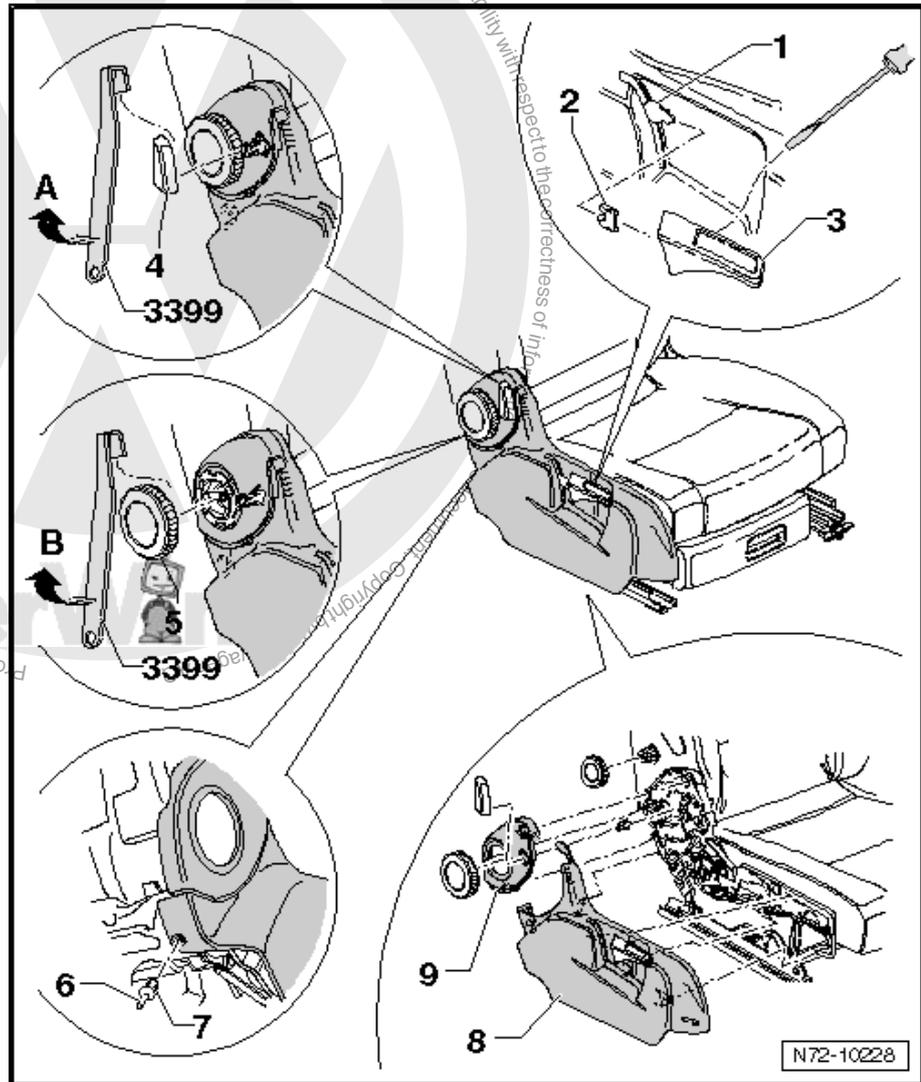
- Remove front seat ⇒ [page 260](#) .
- Using a small screwdriver, press metal tab of fastener -2- inwards and pull off handle -3- from adjustment lever -1-.



i Note

For greater clarity, fastener is shown removed in figure.

- Remove fastener -2- from adjustment lever -1-.
- Using assembly tool -3399- , grasp behind lever -4- of backrest release.
- Lever assembly tool -3399- outwards -arrow A- and thereby disengage backrest release lever from seat.
- Using assembly tool -3399- , grasp behind locking device of backrest adjustment knob -5-.
- Lever assembly tool -3399- outwards -arrow B- and release backrest adjustment knob from seat.
- Press clamping pin -6- inwards and remove securing clip -7-.
- Detach trim -8- forwards from mountings in seat frame.
- Remove trim -9- from seat frame.





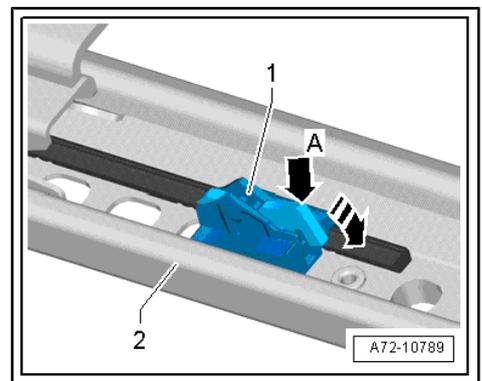
1.8.2 Installing

- Install in reverse order of removal.

1.9 Removing and installing slider (2 door models)

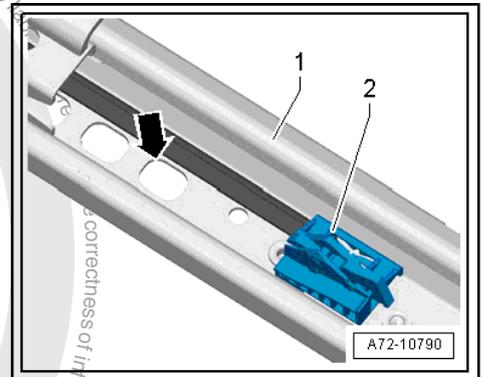
Removing

- Disengage seat longitudinal adjustment.
- Push front seat backwards onto stop in rearmost position.
- Disengage front seat with handle for easy entry.
- Fold backrest forwards and, at the same time, push seat to foremost position.
- Unscrew rear bolt from seat on tunnel side.
- Push rocker -arrow A- off slider in -direction of arrow- and disengage it.
- Pull slider -1- backwards out of seat rail -2- by tilting slightly in direction of tunnel.



Installing

- Insert slider in seat rail -1- by tilting slightly in direction of tunnel.
- Engage slider in rearmost detent hole -arrow-.
- Tighten rear bolt from seat on tunnel side (40 Nm)
- Fold back backrest and, when doing this, slide seat backwards into rearmost position (easy entry system).
- Disengage seat longitudinal adjustment and move front seat into desired seating position.



Note

Special adjustment of the slider is not necessary.

1.10 Removing and installing seat drawer mounting



Note

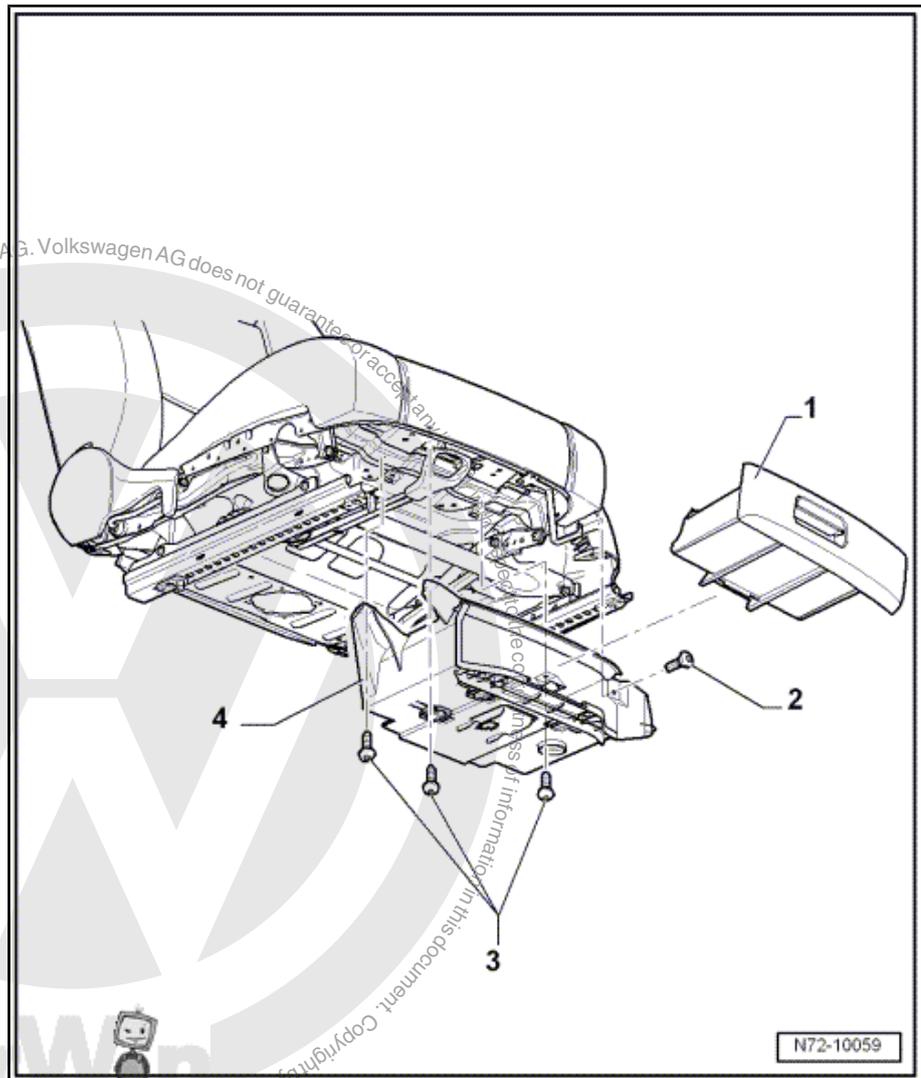
Removal and installation is described for the left vehicle side. Follow same instructions for the right side as appropriate.

1.10.1 Removing

- Remove drawer -1- from mountings.
- Remove front seat ⇒ [page 260](#) .



- Remove left side trim on seat ⇒ [page 263](#) .
- Remove bolt -2- (2 Nm).
- Remove the three bolts -3- (2 Nm).
- Remove mounting -4- from seat frame.



1.10.2 Installing

- Install in reverse order of removal.

1.11 Removing and installing front seat bar and operating lever



Note

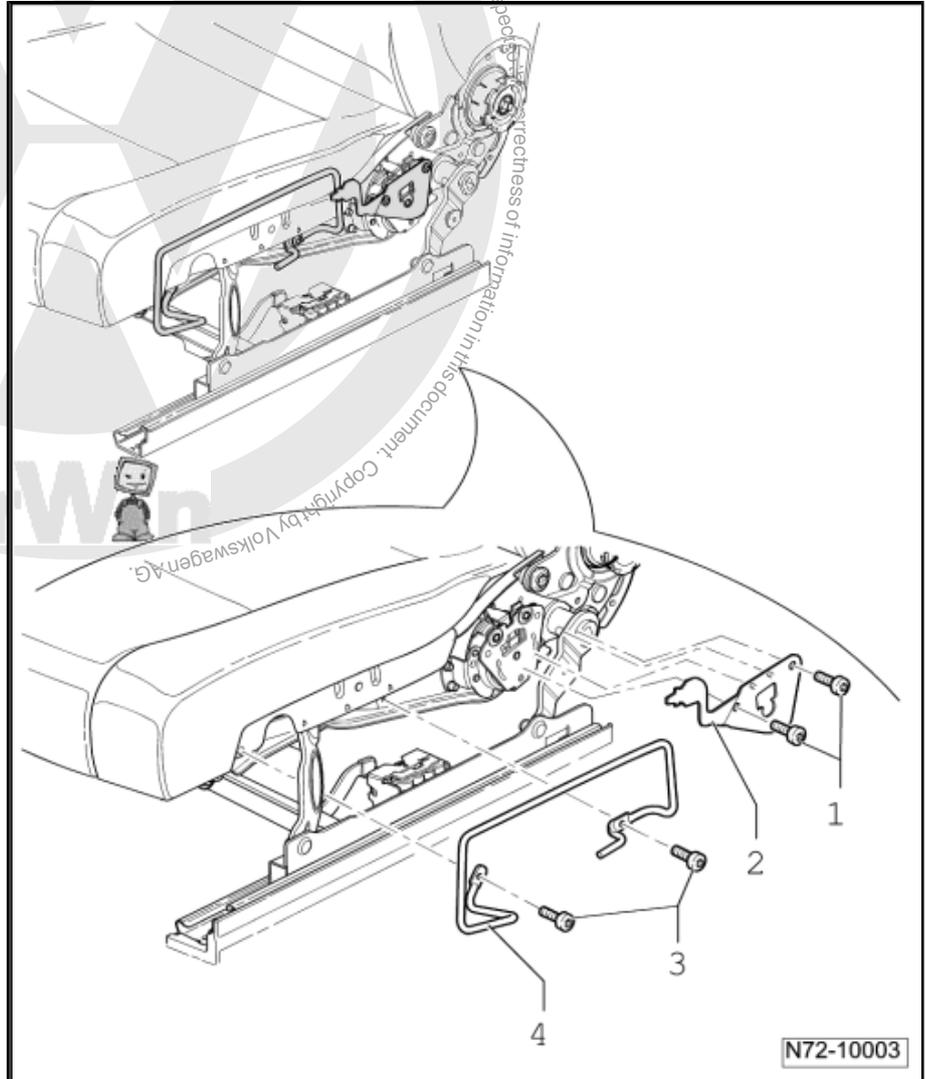
*Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.*

1.11.1 Removing

- Remove front seat ⇒ [page 260](#) .



- Remove left side trim on seat ⇒ [page 263](#) .
- Remove the two bolts -1- (3.5 Nm) and remove operating lever -2-.
- Remove the two bolts -3- (3.5 Nm) and remove bar -4-.



1.11.2 Installing

- Install in reverse order of removal.

1.12 Removing and installing front bucket seat bar and operating lever



Note

*Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.*

1.12.1 Removing

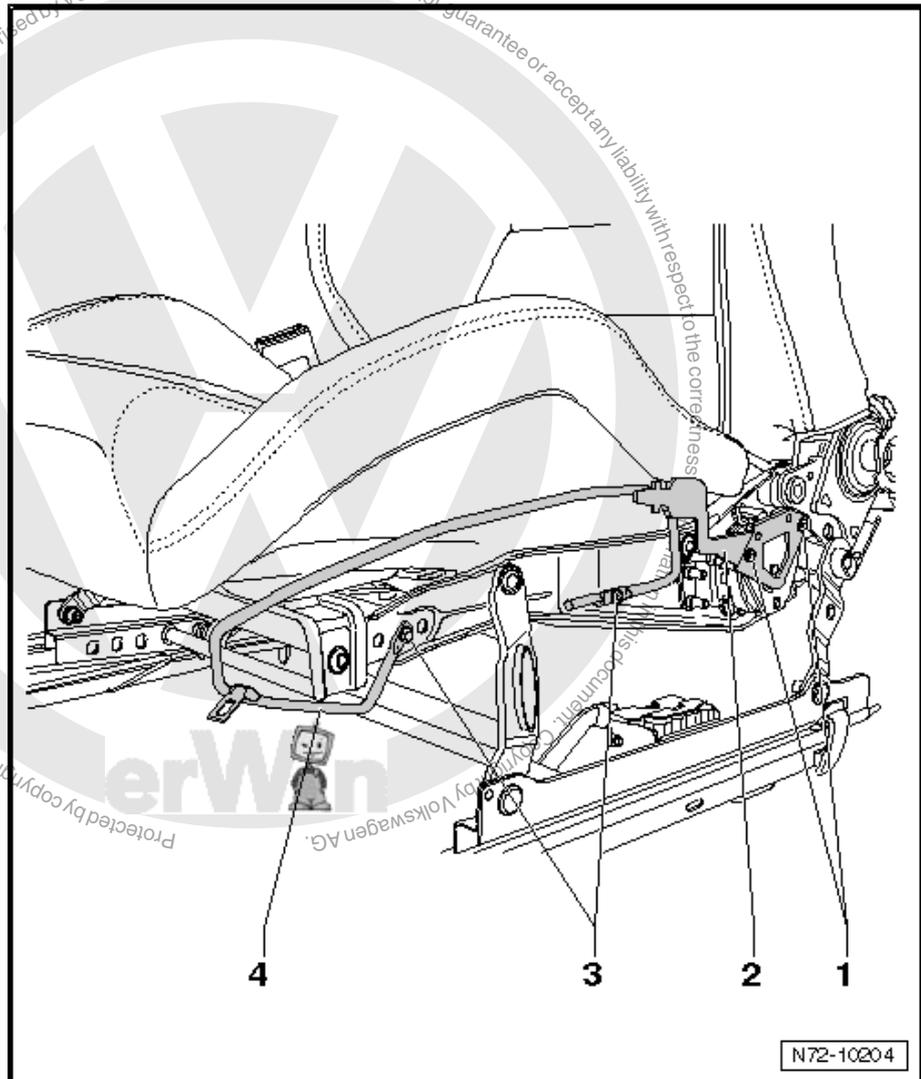
- Remove front seat ⇒ [page 260](#) .
- Remove front left bucket seat trim ⇒ [page 265](#) .



Note

As of model year 2010, bar -4- is riveted to seat pan in addition to bolts -1- and -3-. Drill out blind rivet when removing bar.

- Remove the two bolts -1- (3.5 Nm) and remove operating lever -2-.
- Remove the two bolts -3- (3.5 Nm) and remove bar -4-.



1.12.2 Installing

- Install in reverse order of removal.



Note

To install blind rivets, use pop rivet pliers -VAS 5072-.



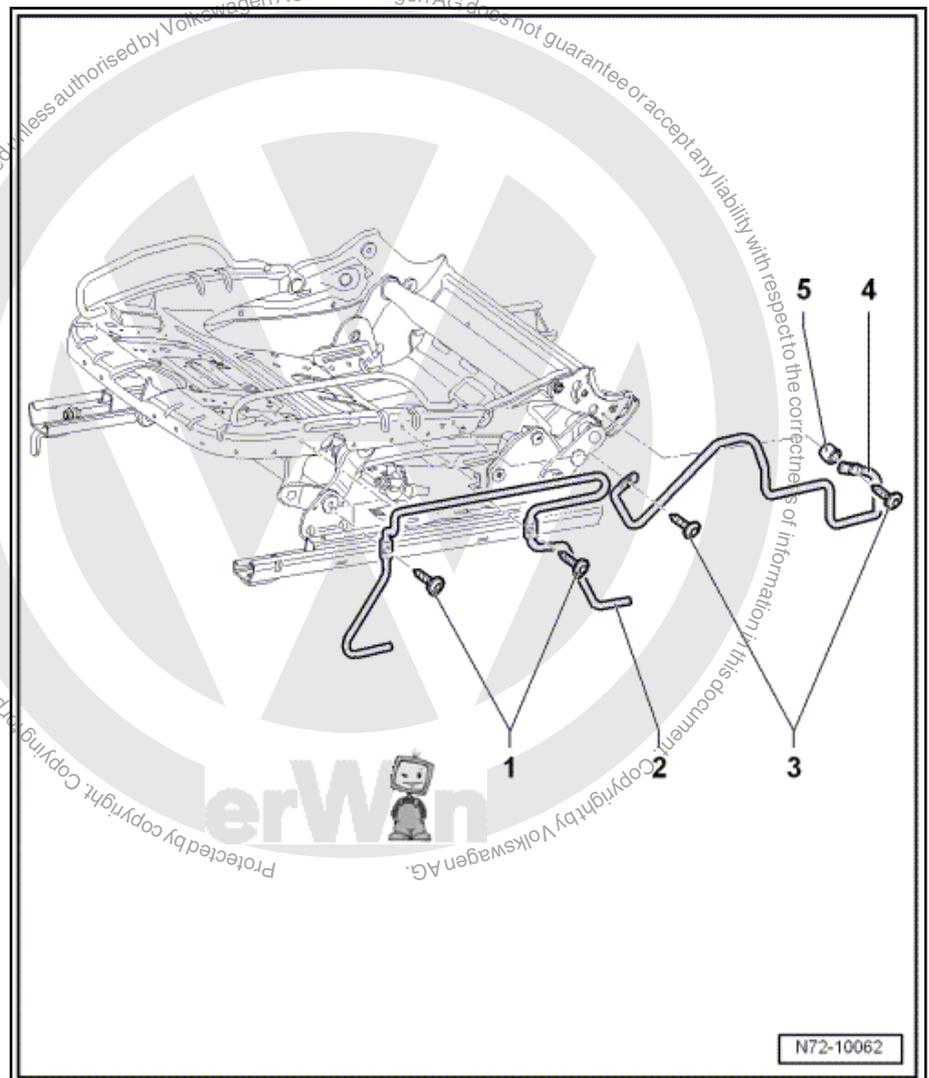
1.13 Removing and installing bar and operating lever on electrically adjustable seat



Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.

1.13.1 Removing

- Switch off ignition.
- Remove left side trim of electric adjustable seat ⇒ [page 267](#) .
- Remove the two bolts -1- (3.5 Nm) and remove bar -2- from seat frame.
- Remove the two bolts -3- (3.5 Nm) and remove bar -4- and spacer -5- from seat frame.





1.13.2 Installing

- Install in reverse order of removal.

1.14 Removing and installing right side trim on seat

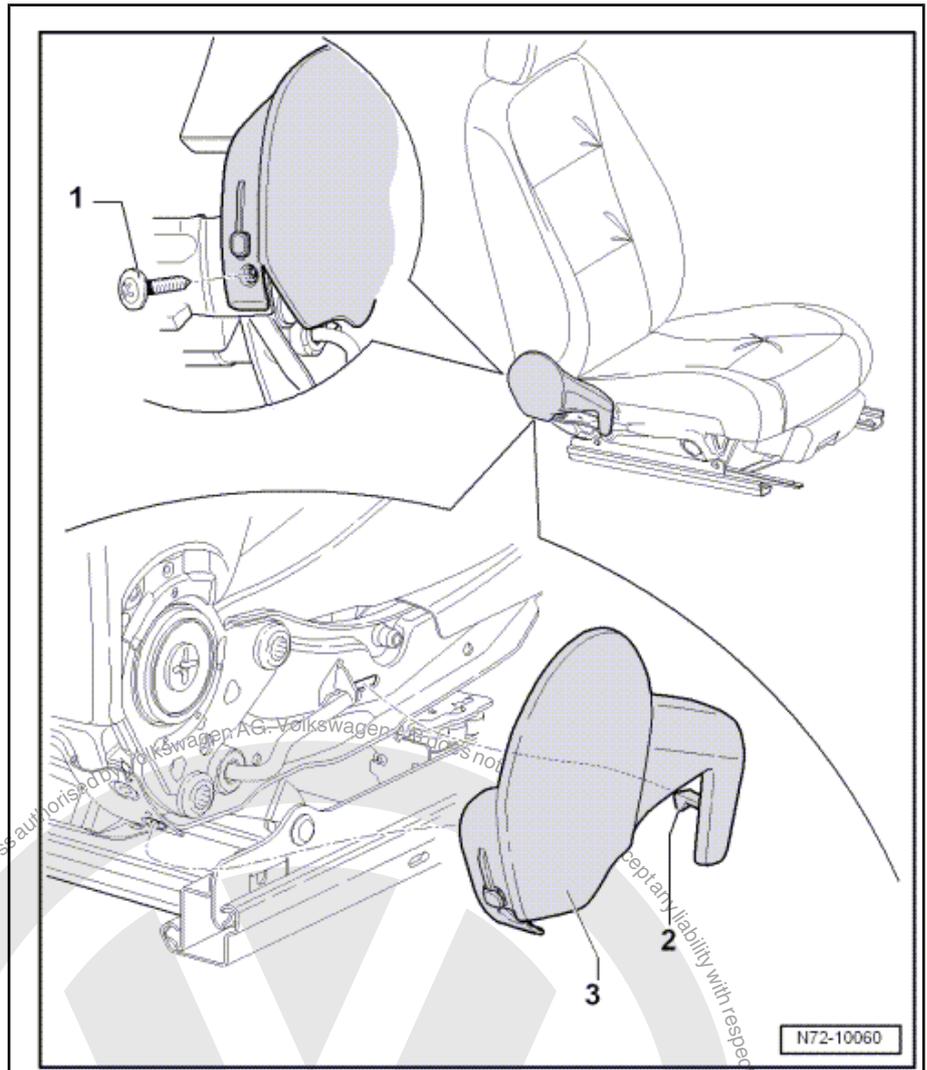


Note

*Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.*

1.14.1 Removing

- Remove front seat ⇒ [page 260](#) .
- Remove front belt buckle:
- ◆ Two-door ⇒ [page 98](#)
- ◆ Four-door ⇒ [page 100](#)
- Remove bolt -1- (2 Nm).
- Pull belt buckle outwards.
- Press locking hook -2- upwards and detach trim -3- from seat.



1.14.2 Installing

- Install in reverse order of removal.

1.15 Removing and installing right side trim on bucket seat

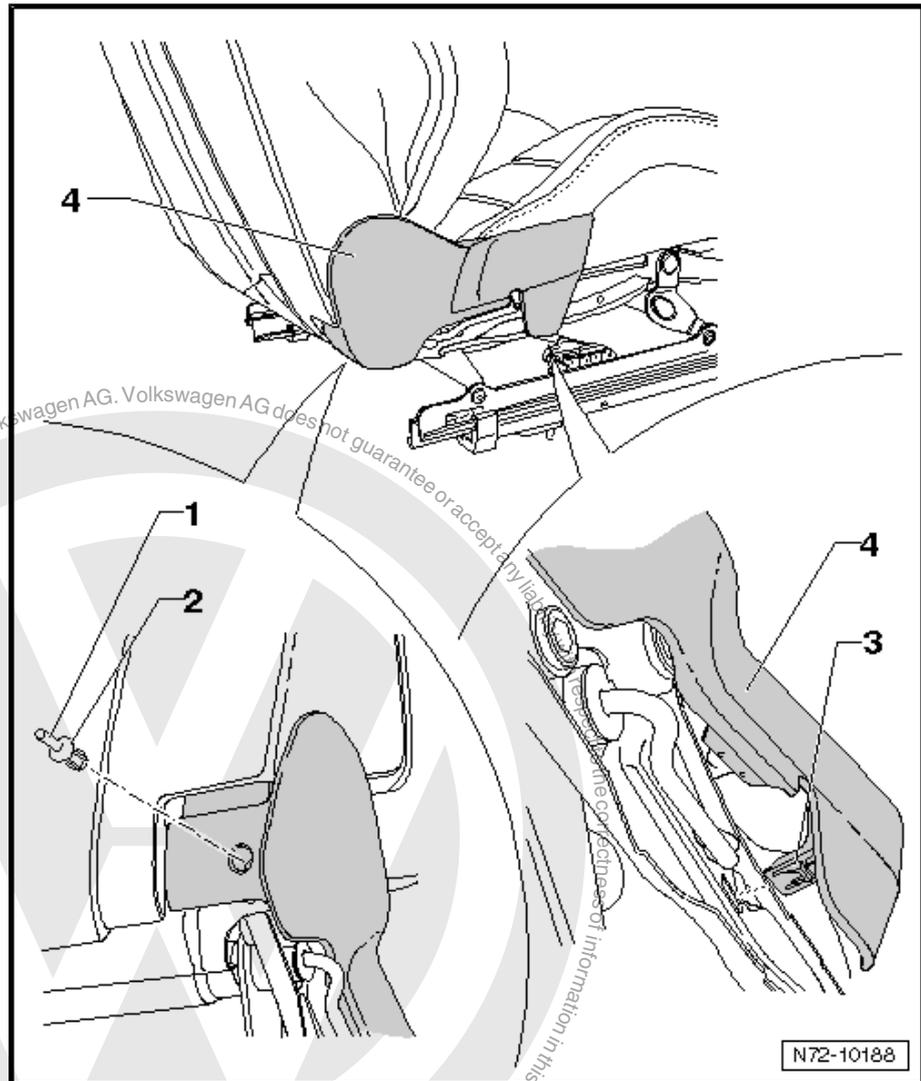


Note

*Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.*

1.15.1 Removing

- Remove front seat ⇒ [page 260](#) .
- Remove front belt buckle:
 - ◆ Two-door ⇒ [page 98](#)
 - ◆ Four-door ⇒ [page 100](#)
- Press clamping pin -1- inwards and remove securing clip -2-.
- Press locking tab -3- upwards and release trim -4- from seat.



1.15.2 Installing

- Install in reverse order of removal.

1.16 Removing and installing lumbar support adjustment (Golf 2009 ▶)

The lumbar adjustment lever is optionally installed on the following seats:

- ◆ Front seats with manual height adjustment
- ◆ Front passenger seat with through-loading function



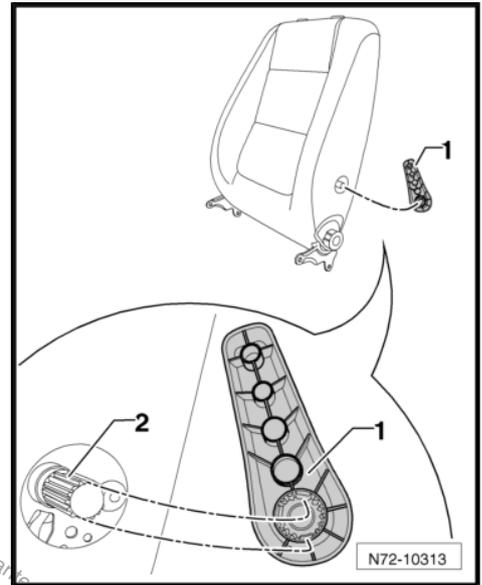
Note

*Removal and installation are described for the left vehicle side.
Follow same instructions for the right side as appropriate.*



1.16.1 Removing

- Pull lumbar adjustment lever from shaft.



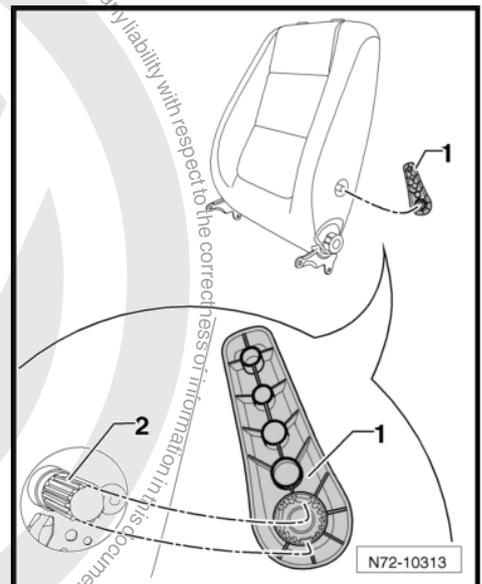
1.16.2 Installing

- Install in reverse order of removal.



Note

Ensure that teeth on lumbar adjustment lever -1- align with teeth on shaft -2-.



1.17 Removing head restraint guides



Note

- ◆ The backrest cover must be partially removed to remove the head restraint guides.
- ◆ For greater clarity, the head restraint guides are shown removed.
- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove right front seat trim ⇒ [page 276](#) .



Vehicles with manually adjustable seat

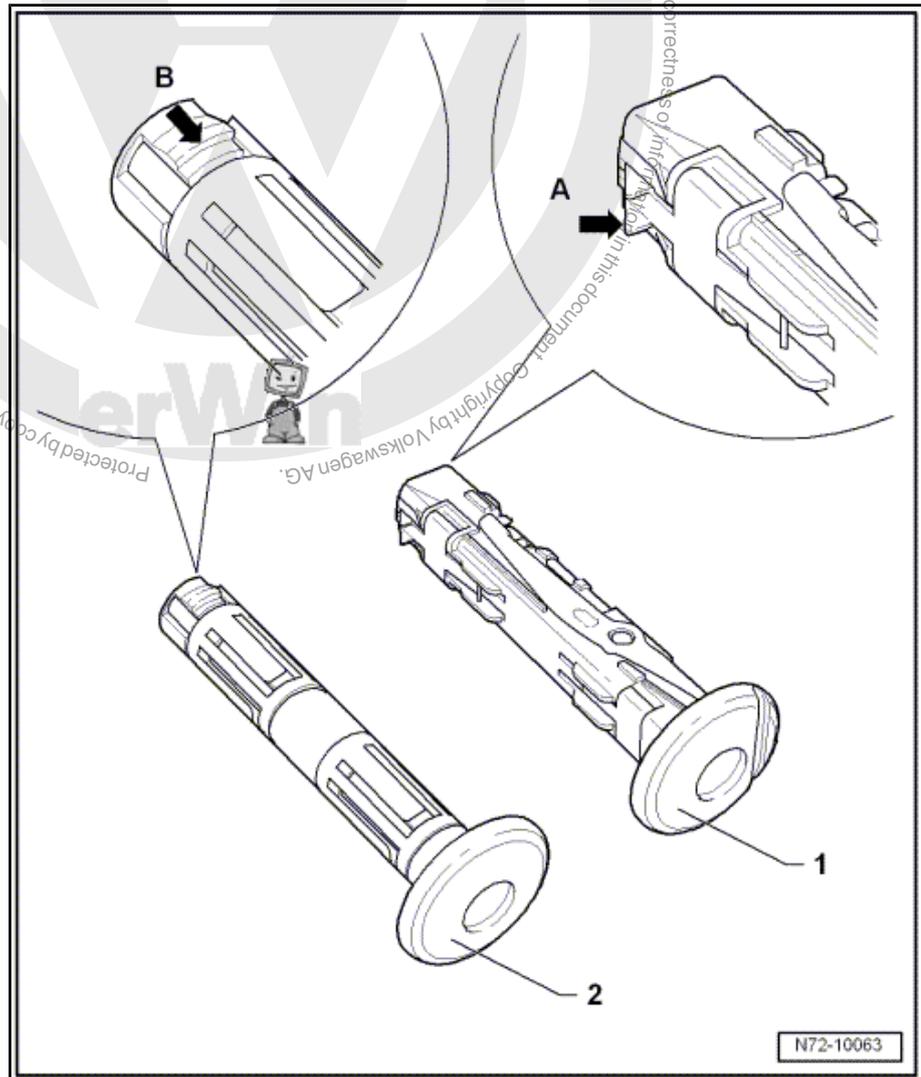
- Remove left side trim on seat ⇒ [page 263](#) .

Vehicles with electrically adjustable seat

- Remove left side trim on electrically adjustable seat
⇒ [page 267](#) .

All vehicles

- Remove front seat backrest ⇒ [page 281](#) .
- Secure backrest to seat repair stand -VAS 6136- .
- Detach cover from backrest until lower ends of head restraint guides are accessible ⇒ [page 315](#) .
- Reach into backrest frame and operate locking device -arrow A- of head restraint guide with press button -1-.
- Pull head restraint out of backrest.
- Reach into backrest frame and operate locking device -arrow B- of head restraint guide -2-.
- Pull head restraint out of backrest.





1.18 Removing and installing front seat backrest



Note

*Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.*

1.18.1 Removing

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove right side trim on seat ⇒ [page 276](#) .

Vehicles with manually adjustable seat

- Remove left side trim on seat ⇒ [page 263](#) .

Vehicles with electrically adjustable seat

- Remove left side trim on electrically adjustable seat ⇒ [page 267](#) .

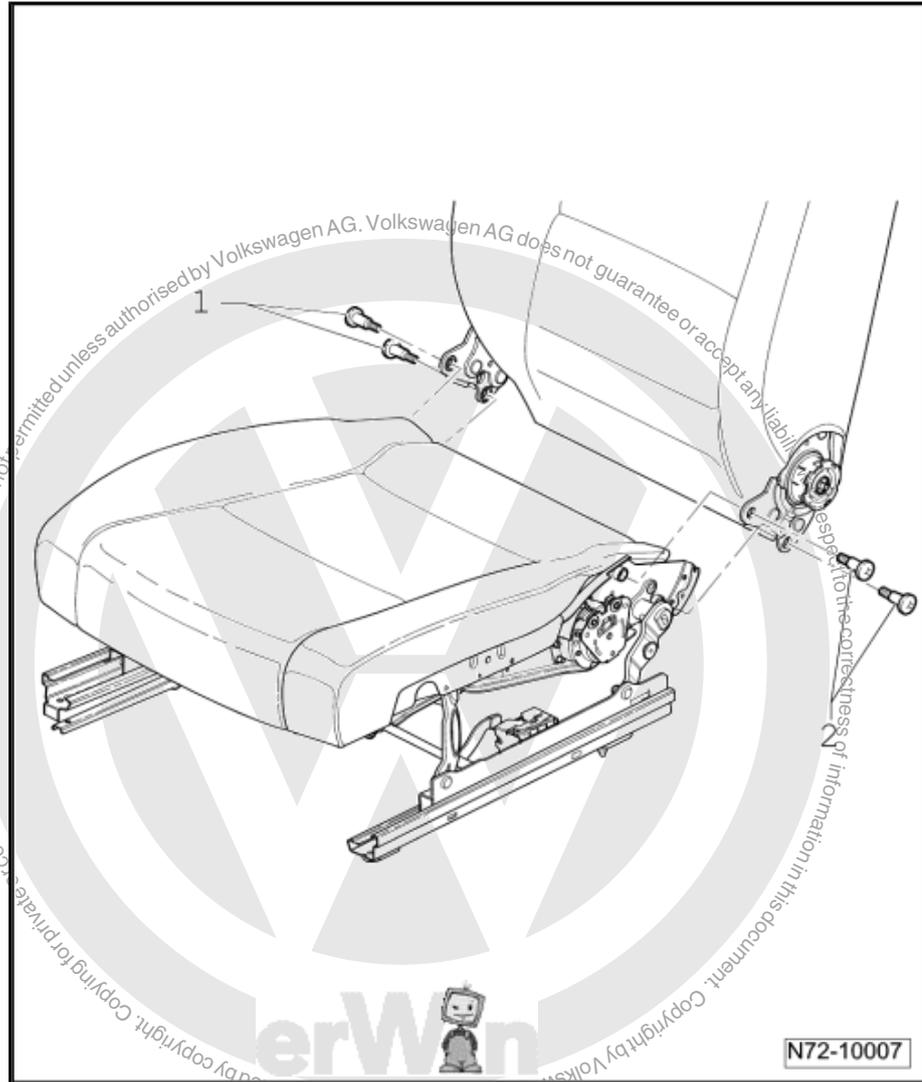
All vehicles

- Detach retaining straps for backrest cover from underside of seat frame.
- Disconnect wiring harnesses for side airbag and for seat heating from seat frame (if part of original equipment).
- Remove two bolts each on left and right -1- and -2- (34.5 Nm).



Note

- ◆ *The bolts are microencapsulated and must be renewed each time they are loosened.*
- ◆ *Before new bolts are installed, the threads of the corresponding holes must be cleaned.*
- Remove backrest from seat frame.



1.18.2 Installing

- Install in reverse order of removal.

1.19 Removing and installing front bucket seat backrest



Note

*Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.*

1.19.1 Removing

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove front left bucket seat trim ⇒ [page 265](#) .
- Remove front belt buckle:

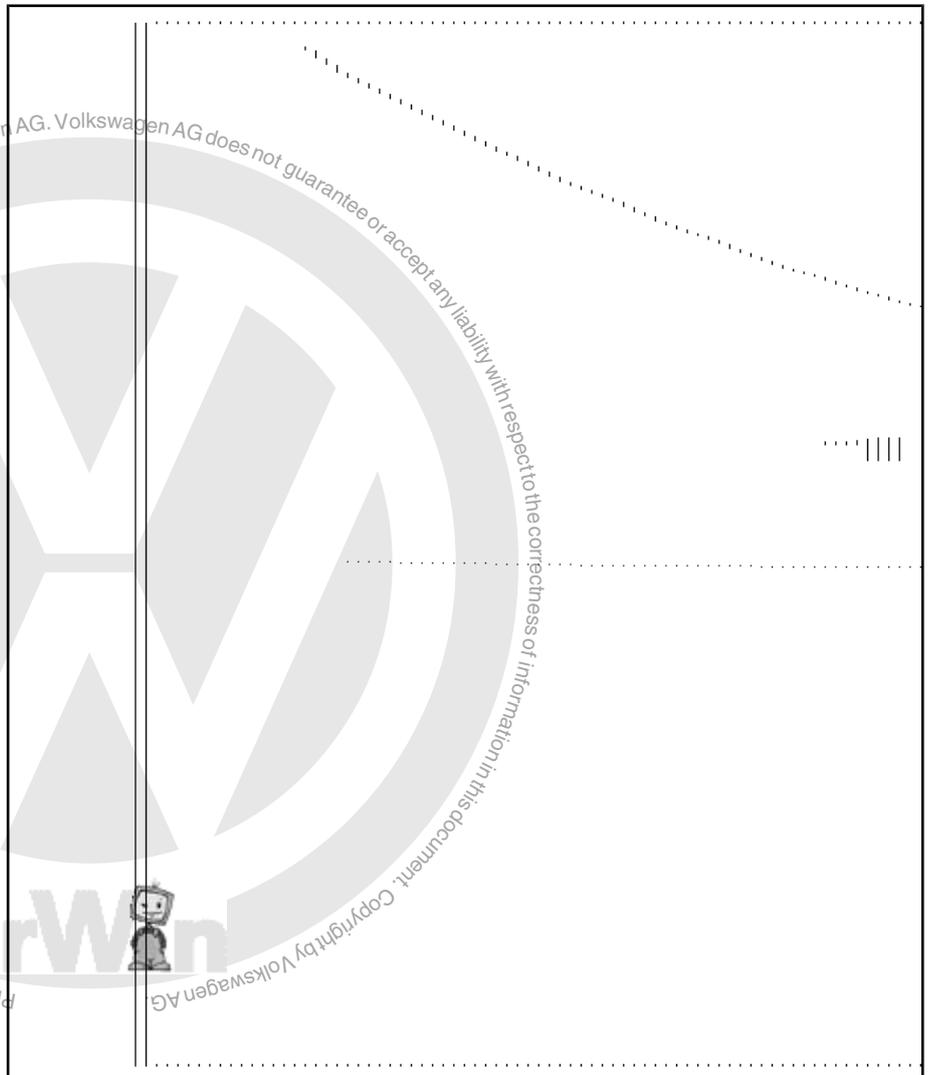


- ◆ Two-door ⇒ [page 98](#)
- ◆ Four-door ⇒ [page 100](#)
- Remove front right bucket seat trim ⇒ [page 277](#) .
- If fitted, disconnect electric connectors for heating backrest on underside of seat pan.
- Remove two bolts each on left and right -1- and -2- (34.5 Nm).



Note

- ◆ *The bolts are microencapsulated and must be renewed each time they are loosened.*
- ◆ *Before new bolts are installed, the threads of the corresponding holes must be cleaned.*
- Remove backrest from seat frame.



1.19.2 Installing

- Install in reverse order of removal.



1.20 Removing and installing front bucket seat base



Note

Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.

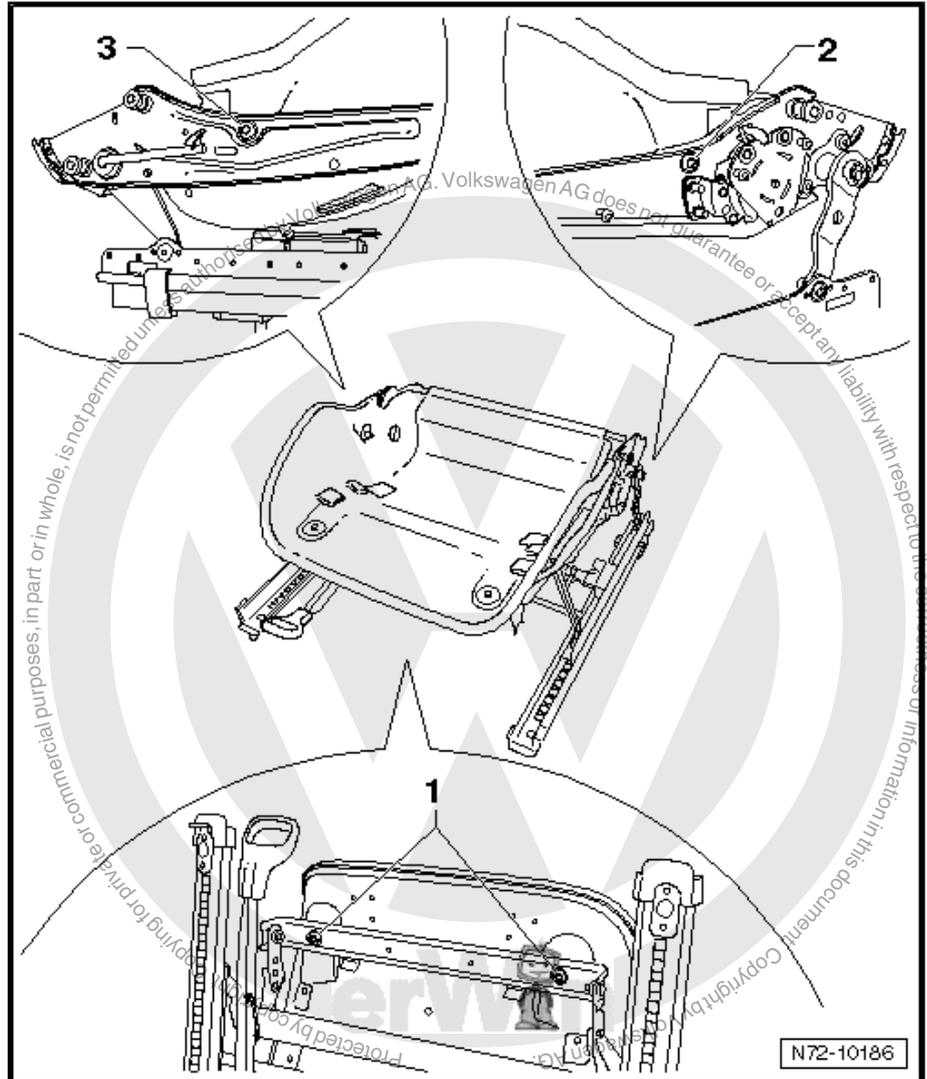
1.20.1 Removing

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove front left bucket seat trim ⇒ [page 265](#) .
- Remove front belt buckle:
 - ◆ Two-door ⇒ [page 98](#)
 - ◆ Four-door ⇒ [page 100](#)
- Remove front bucket seat backrest ⇒ [page 282](#) .
- Remove cover and padding of front bucket seat cushion ⇒ [page 312](#) .
- In front area, remove the two bolts -1- (24 Nm).
- In rear left area of seat frame, remove bolt -2- (24 Nm).
- In rear right area of seat frame, remove bolt -3- (24 Nm).



Note

- ◆ *The bolts -1- to -3- are microencapsulated and must be renewed each time they are loosened.*
- ◆ *Before new bolts are installed, the threads of the corresponding holes must be cleaned.*



1.20.2 Installing

- Install in reverse order of removal.

1.21 Removing and installing backrest release Bowden cable on bucket seat



Note

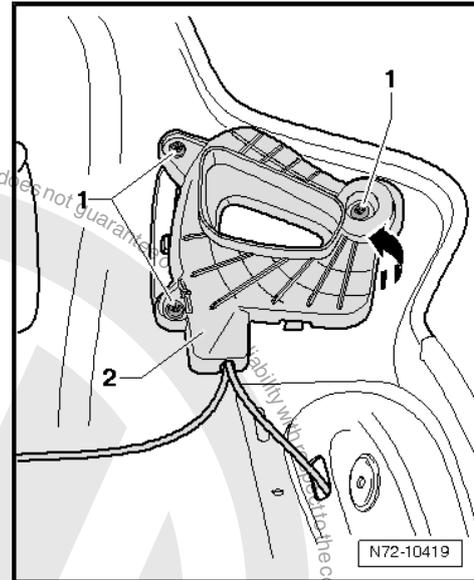
*Removal and installation are described for the left vehicle side.
Follow same instructions for the right side as appropriate.*

1.21.1 Removing

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove front left bucket seat trim ⇒ [page 265](#) .
- Remove front belt buckle:



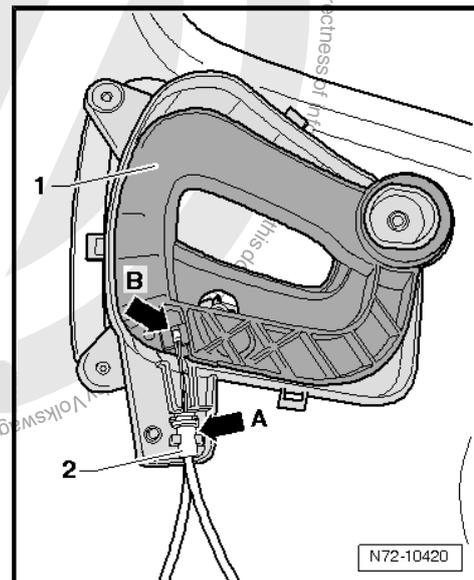
- ◆ 2-door model ⇒ [page 98](#)
- ◆ 4-door model ⇒ [page 100](#)
- Remove front right bucket seat trim ⇒ [page 277](#) .
- Remove front bucket seat backrest ⇒ [page 282](#) .
- Remove cover and padding from backrest of front bucket seat ⇒ [page 320](#) .
- Unscrew screws -1-.
- Take upper shell of backrest release -2- off backrest shell in -direction of arrow-.



- Unclip Bowden cable -2- from locking device -arrow A-.
- Remove Bowden cable -2- from locking device -arrow B-.

i Note

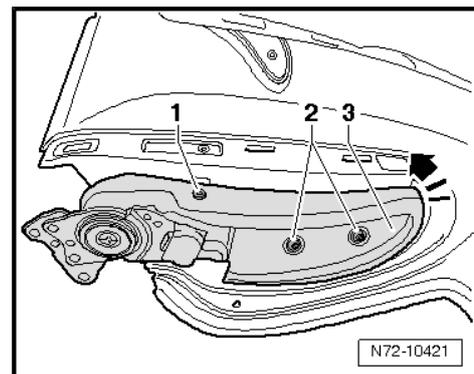
Carry out following procedures on both sides.



- Drill out rivets -1- on backrest side rail -3-.
- Unscrew bolts -2- (24 Nm) and fold backrest side rail -3- upwards in -direction of arrow-.

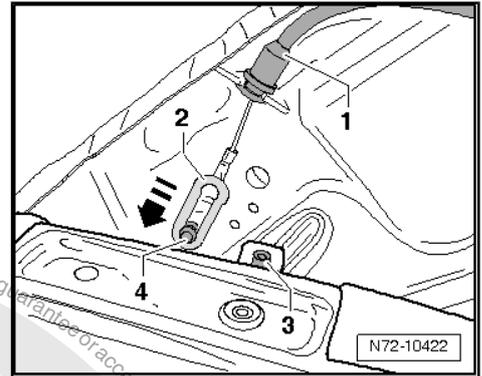
i Note

- ◆ The bolts are microencapsulated and must be renewed each time they are loosened.
- ◆ Before new bolts are installed, the thread of the corresponding fitting must be cleaned.

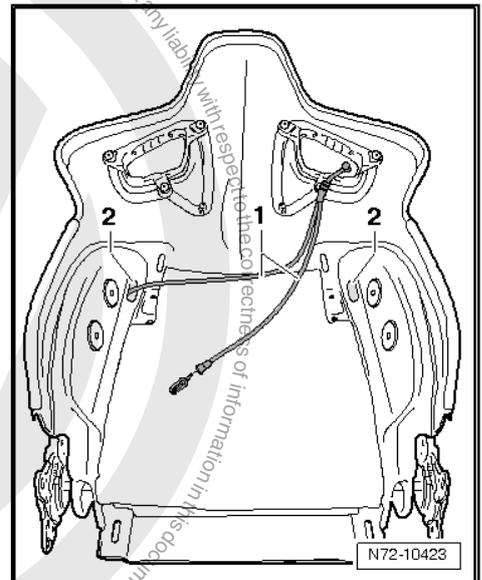




- Pull Bowden cable -1- out of retainer.
- Slide Bowden cable eye -2- downwards in -direction of arrow- and remove cable from pin -4-.



- Remove remains of blind rivet -3-.
- Remove Bowden cable -1- through openings in backrest shell -2-.



1.21.2 Installing

- Install in reverse order of removal.



Note

To install blind rivets, use pop rivet pliers -VAS 5072- .

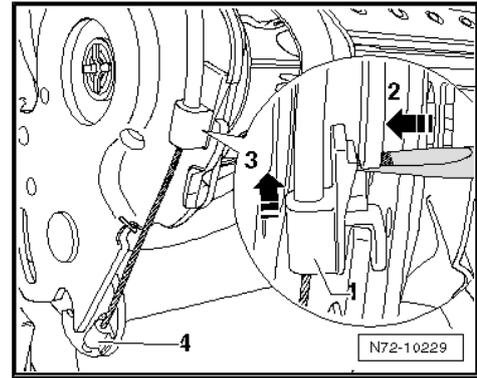
1.22 Removing and installing Bowden cable of backrest release (seat with through-loading function)

1.22.1 Removing

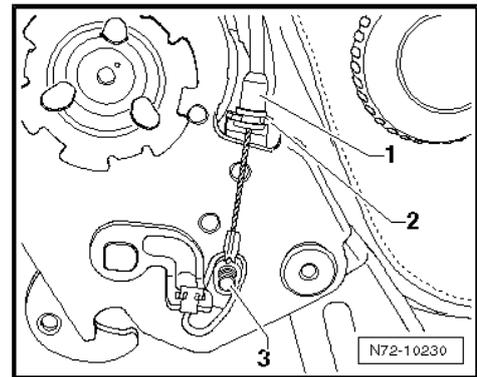
- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove right trim on seat ⇒ [page 269](#) .
- Remove left trim on seat ⇒ [page 268](#) .
- Release backrest and fold it down onto seat cushion.
- Release backrest cover from frame in lower area. Cover will not be removed from backrest of front seat.



- Remove support -1- on left side of seat frame. Release retaining tab in direction of -arrow 2- and remove support in direction of -arrow 3-.
- Remove Bowden cable retaining clip -4- from seat frame.
- Unclip the Bowden cable from retainer on seat frame.



- Unclip support -1- from retainer -2- on right side.
- Slide Bowden cable downwards and remove it from retaining pin -3-.



1.22.2 Installing

Installation is carried out in reverse order of removal.

1.23 Removing and installing backrest release Bowden cable (2-door)



Note

Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.

1.23.1 Removing

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove right front seat trim ⇒ [page 276](#) .

Vehicles with manually adjustable seat

- Remove left side trim on seat ⇒ [page 263](#) .

Vehicles with electrically adjustable seat

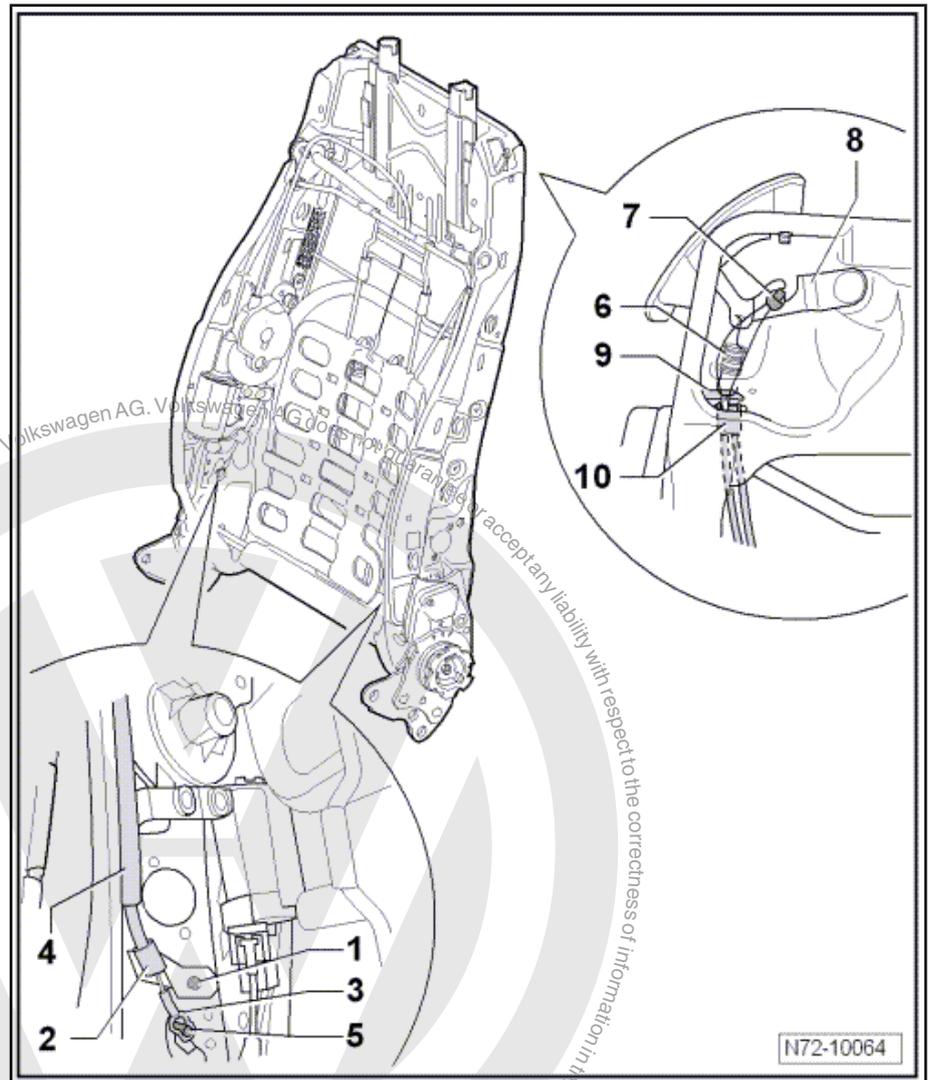
- Remove left side trim on electrically adjustable seat ⇒ [page 267](#) .

All vehicles

- Remove front seat backrest ⇒ [page 281](#) .
- Secure backrest to seat repair stand -VAS 6136- .
- Remove cover and padding from front seat backrest ⇒ [page 315](#) .



- Drill out rivet -1- on both sides of backrest and remove bracket -2- from backrest frame.
- Release Bowden cable -4- eye -3- from pin -5-.
- Unhook spring -6-.
- Unhook upper eye -7- from lever -8-.
- Operate mounting catches -9- and pull Bowden cable -10- out of backrest frame.



1.23.2 Installing

- Installation is carried out in reverse order of removal.



Note

After installation, both cables must release simultaneously. Adjust in each case using thumb nut on Bowden cable..



1.24 Removing and installing manually adjusted lumbar support (Golf 2004 >)

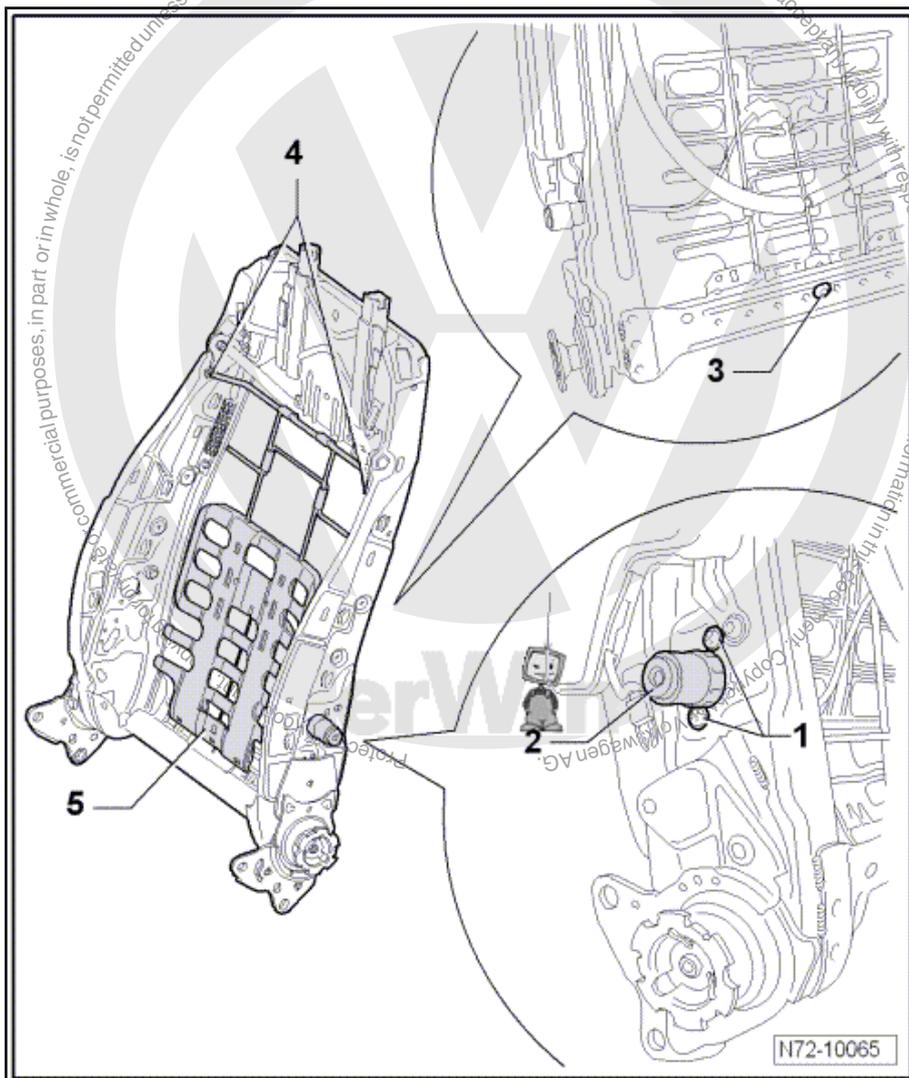


Note

Removal and installation are described for the left vehicle side.
Follow same instructions for the right side as appropriate.

1.24.1 Removing

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove right side trim on seat ⇒ [page 276](#) .
- Remove left side trim on seat ⇒ [page 263](#) .
- Remove front seat backrest ⇒ [page 281](#) .
- Secure backrest to seat repair stand -VAS 6136- .
- Remove cover and padding from front seat backrest ⇒ [page 315](#) .
- Remove the two bolts -1- and remove adjustment knob -2- from backrest frame.
- Drill out rivet -3-.
- Unhook both lumbar support frame upper wires -4- from backrest frame.
- Remove lumbar support frame from backrest frame -5-.



1.24.2 Installing

- Install in reverse order of removal.

1.25 Removing and installing manually adjusted lumbar support (Golf 2009 ▶)



Note

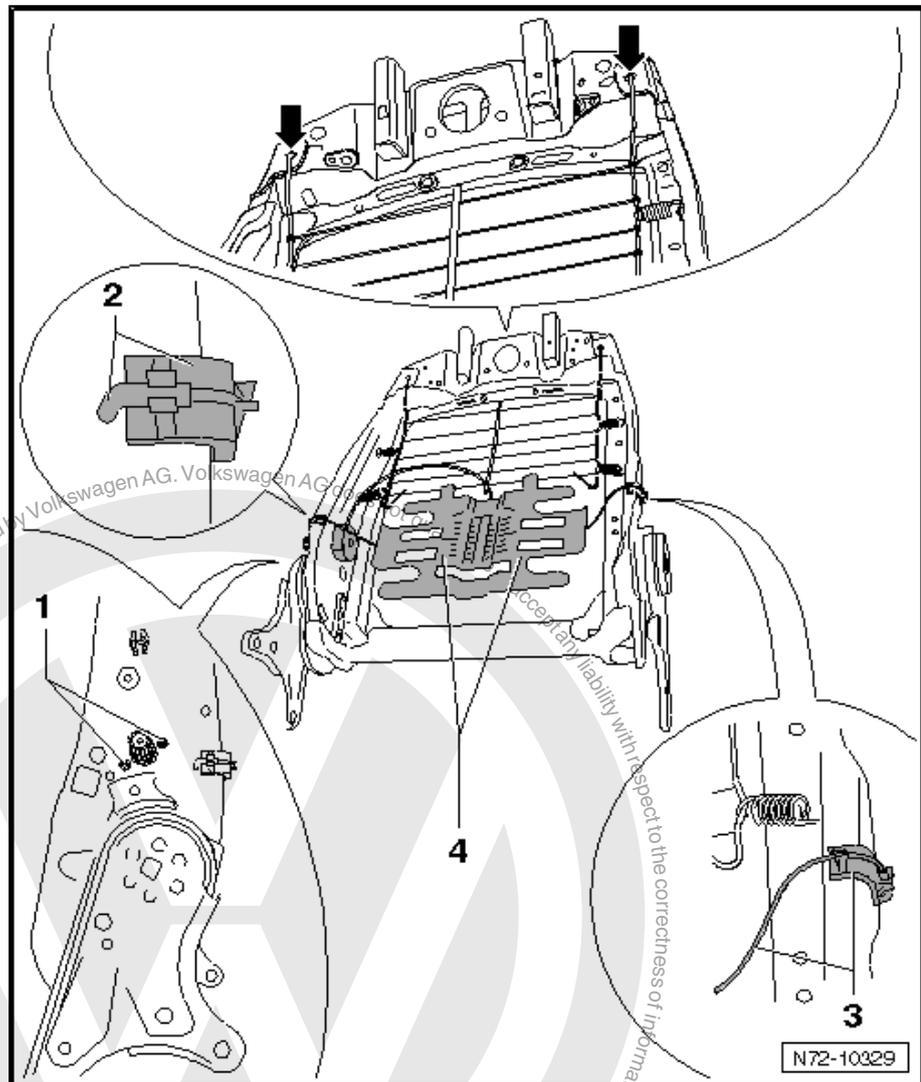
*Removal and installation are described for the left vehicle side.
 Follow same instructions for the right side as appropriate.*

Removing

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove right side trim on seat ⇒ [page 276](#) .
- Remove left side trim on seat ⇒ [page 263](#) .
- Remove front seat backrest ⇒ [page 281](#) .



- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove lumbar adjustment lever \Rightarrow [page 278](#) .
- Remove cover and padding from front seat backrest \Rightarrow [page 315](#) .
- Unscrew two actuation mechanism bolts -1- (1.5 ± 1 Nm).
- Unhook lateral fasteners -2- and -3- from backrest frame.
- Unhook lateral springs.
- Release lumbar support -4- from upper mountings -arrows- in backrest frame.



Installing

- Install in reverse order of removal.



1.26 Removing and installing Easy Entry unit Bowden cable



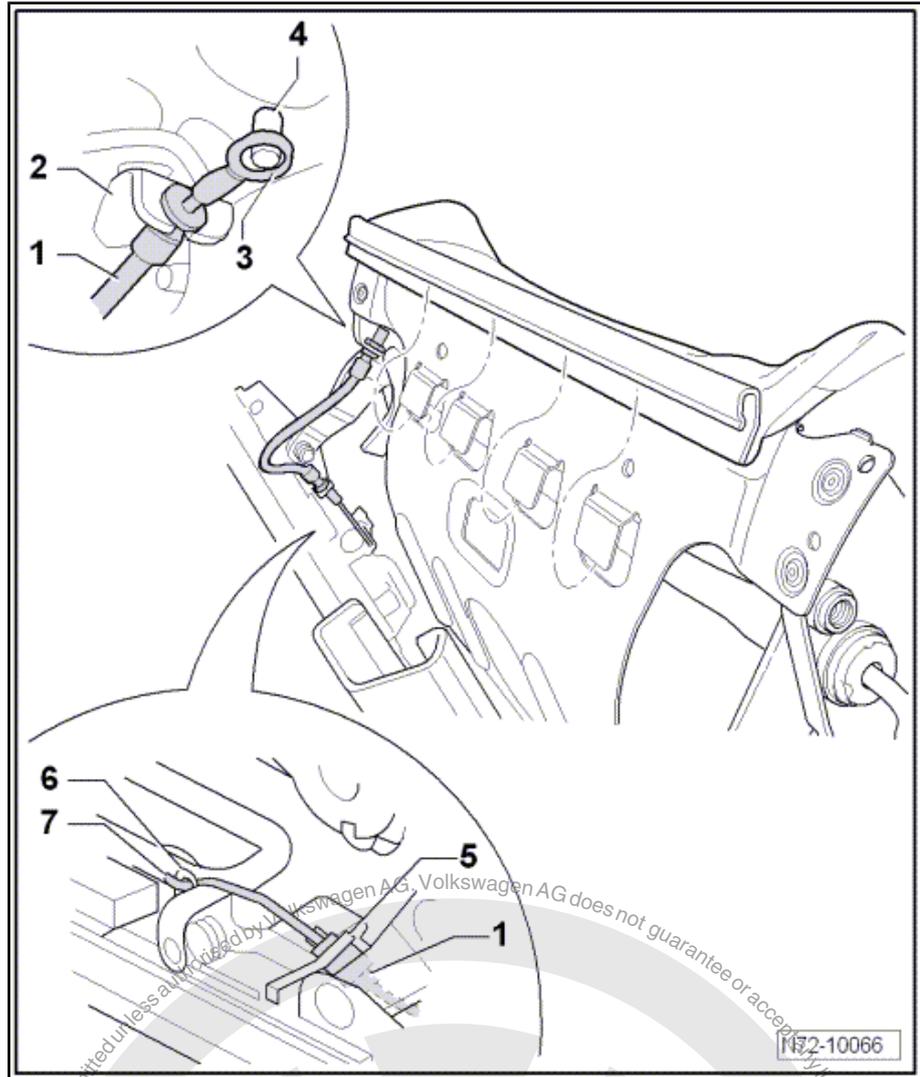
Note

*Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.*

1.26.1 Removing

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove right side trim on seat ⇒ [page 276](#) .
- Remove left side trim on seat ⇒ [page 263](#) .
- Remove front seat backrest ⇒ [page 281](#) .
- Unhook Bowden cable -1- from bracket -2-.
- Unhook eye -3- from pin -4-.
- Unhook Bowden cable -1- from bracket -5-.
- Guide eye of Bowden cable -7- out of bracket -6-.





1.26.2 Installing

- Install in reverse order of removal.

1.27 Removing and installing electric longitudinal seat adjustment

Removal and installation of the longitudinal seat adjustment is described for the front left seat frame. Apply the same instructions for removal and installation on the front right seat frame as appropriate.

1.27.1 Removing

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove right side trim on seat ⇒ [page 276](#) .
- Remove left side trim on electrically adjustable seat ⇒ [page 267](#) .
- Remove bar and operating lever for front seat ⇒ [page 275](#) .

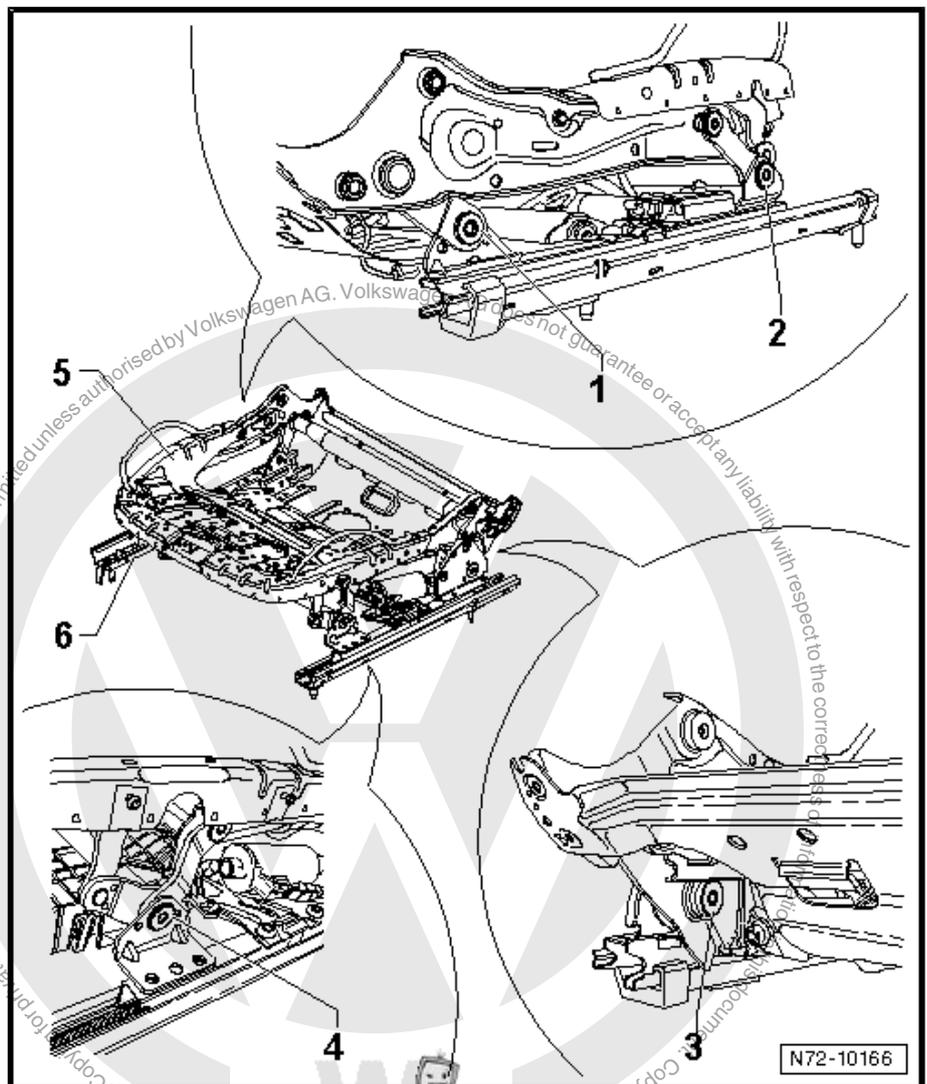


- Remove front seat drawer mounting ⇒ [page 271](#) .
- Remove front seat backrest ⇒ [page 281](#) .
- Remove cover and padding, front seat cushion ⇒ [page 309](#) .
- Unscrew bolts -1- and -2- on right.
- Remove bolt -3- in rear area.

i Note

Bolt -3- points from inside out when installed.

- Remove bolt -4- in front area.
- Release seat pan -5- from longitudinal seat adjustment -6-.



1.27.2 Installing

- Install in reverse order of removal.



1.28 Removing and installing seat (electric) base

Removal and installation of the seat base is described for the front left seat frame. Apply the same instructions for removal and installation on the front right seat frame as appropriate.

1.28.1 Removing

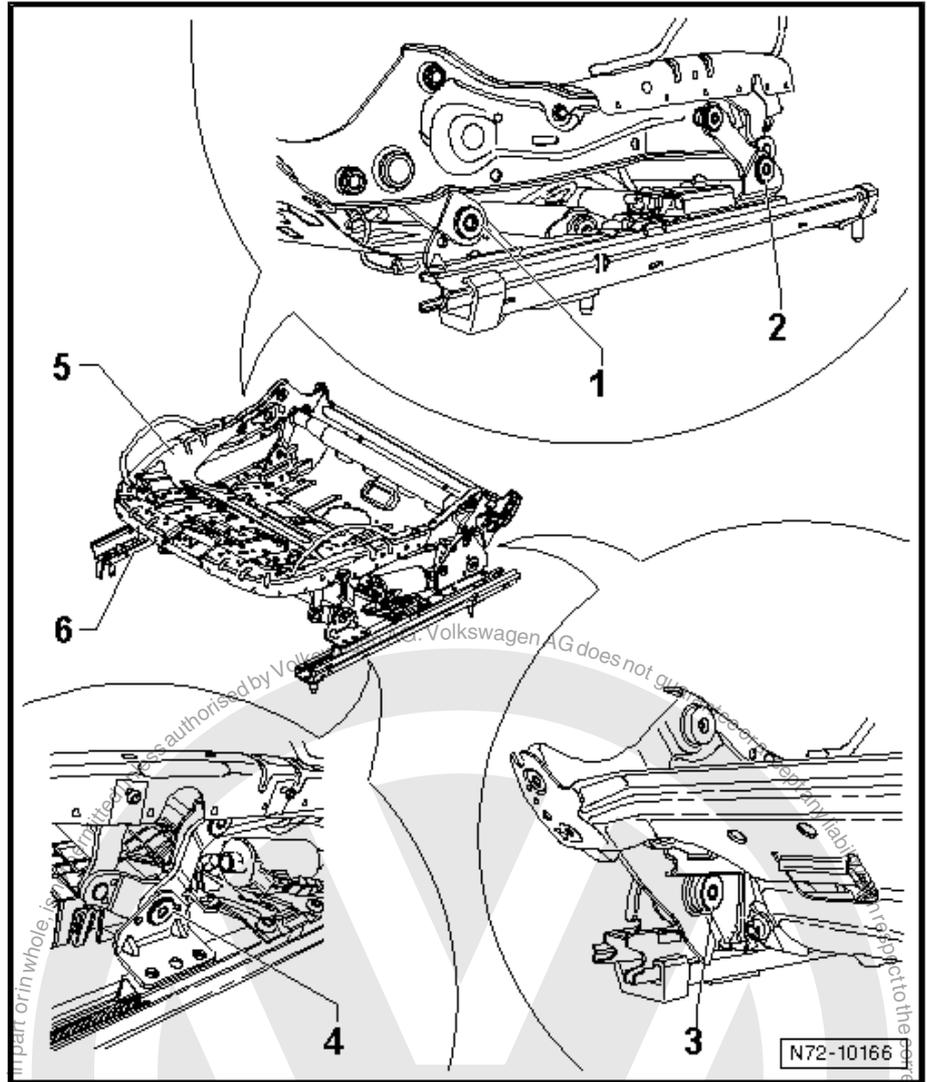
- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove right side trim on seat ⇒ [page 276](#) .
- Remove left side trim on electrically adjustable seat ⇒ [page 267](#) .
- Remove bar and operating lever for front seat ⇒ [page 275](#) .
- Remove front seat drawer mounting ⇒ [page 271](#) .
- Remove front seat backrest ⇒ [page 281](#) .
- Remove cover and padding, front seat cushion ⇒ [page 309](#) .
- Unscrew bolts -1- and -2- on right.
- Remove bolt -3- in rear area.



Note

Bolt -3- points from inside out when installed.

- Remove bolt -4- in front area.
- Release seat pan -5- from longitudinal seat adjustment -6-.



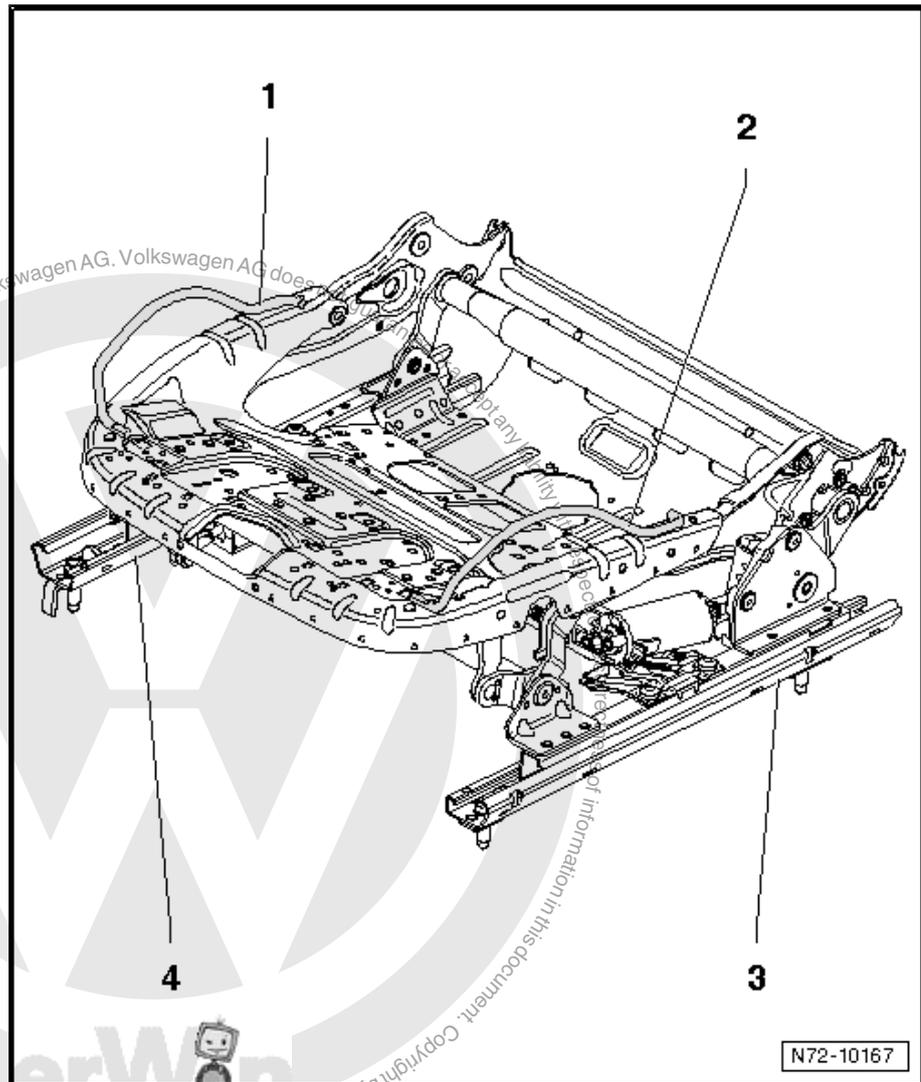
1.28.2 Installing

- Installation is carried out in reverse order of removal.

If seat base currently fitted is to be renewed, the replacement part is a seat base from the "Sportline" equipment level. If this seat base is to be installed in a vehicle with a different equipment level, bars -1- and -2- must be removed.



In order to prevent contamination, seat rails -3- and -4- must be covered with a cloth when separating bars -1- and -2-!



1.29 Removing and installing seat (electric) tilt angle adjustment

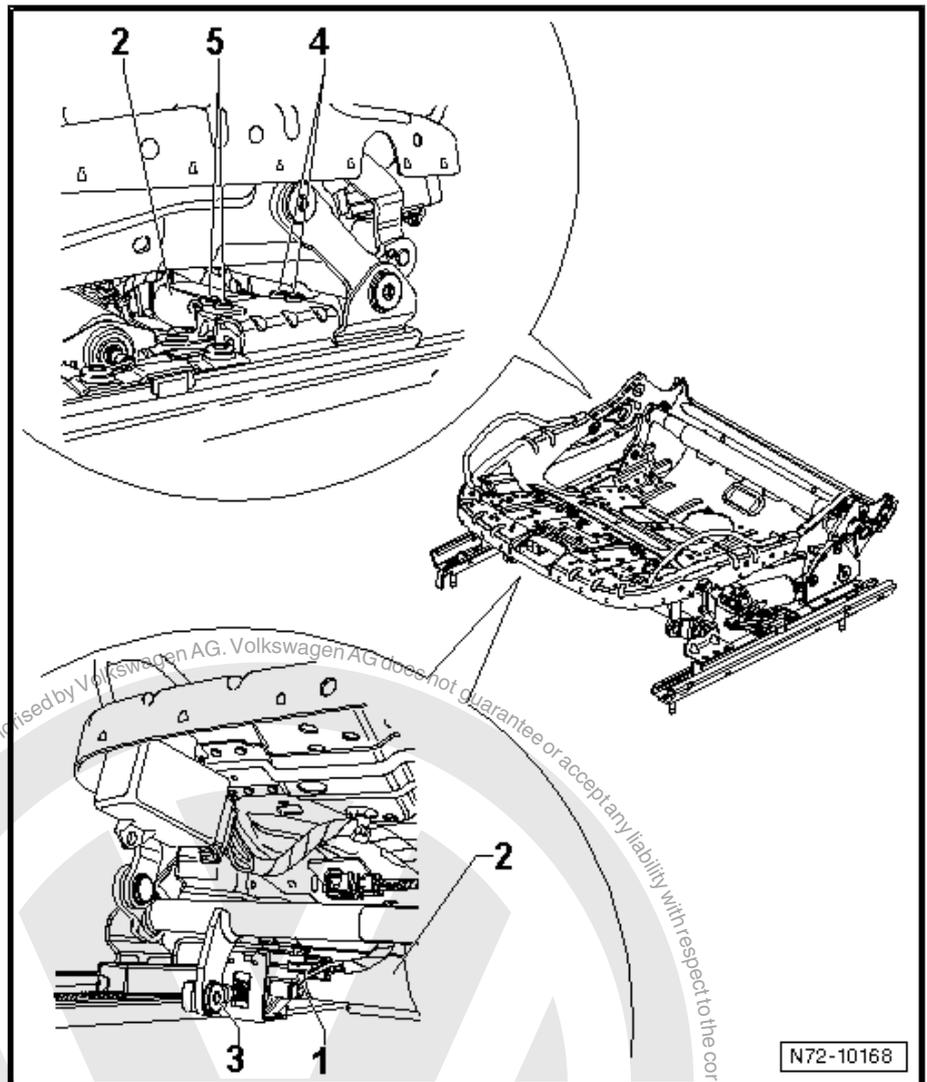
Removal and installation of the tilt angle adjustment is described for the front left seat frame. Apply the same instructions for removal and installation on the front right seat frame as appropriate.

1.29.1 Removing

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove right side trim on seat ⇒ [page 276](#) .
- Remove left side trim on electrically adjustable seat ⇒ [page 267](#) .
- Remove bar and operating lever for front seat ⇒ [page 275](#) .
- Remove front seat drawer mounting ⇒ [page 271](#) .



- Remove front seat backrest => [page 281](#) .
- Remove cover and padding, front seat cushion => [page 309](#) .
- Separate wiring harness -1- from tilt angle adjustment -2-.
- Remove bolt -3-.
- Remove two bolts each -4- and -5-.
- Detach tilt angle adjustment -2- from seat frame.



1.29.2 Installing

- Install in reverse order of removal.

1.30 Removing and installing seat (electric) height adjustment

Removal and installation of the seat height adjustment is described for the front left seat frame. Apply the same instructions for removal and installation on the front right seat frame as appropriate.



1.30.1 Removing

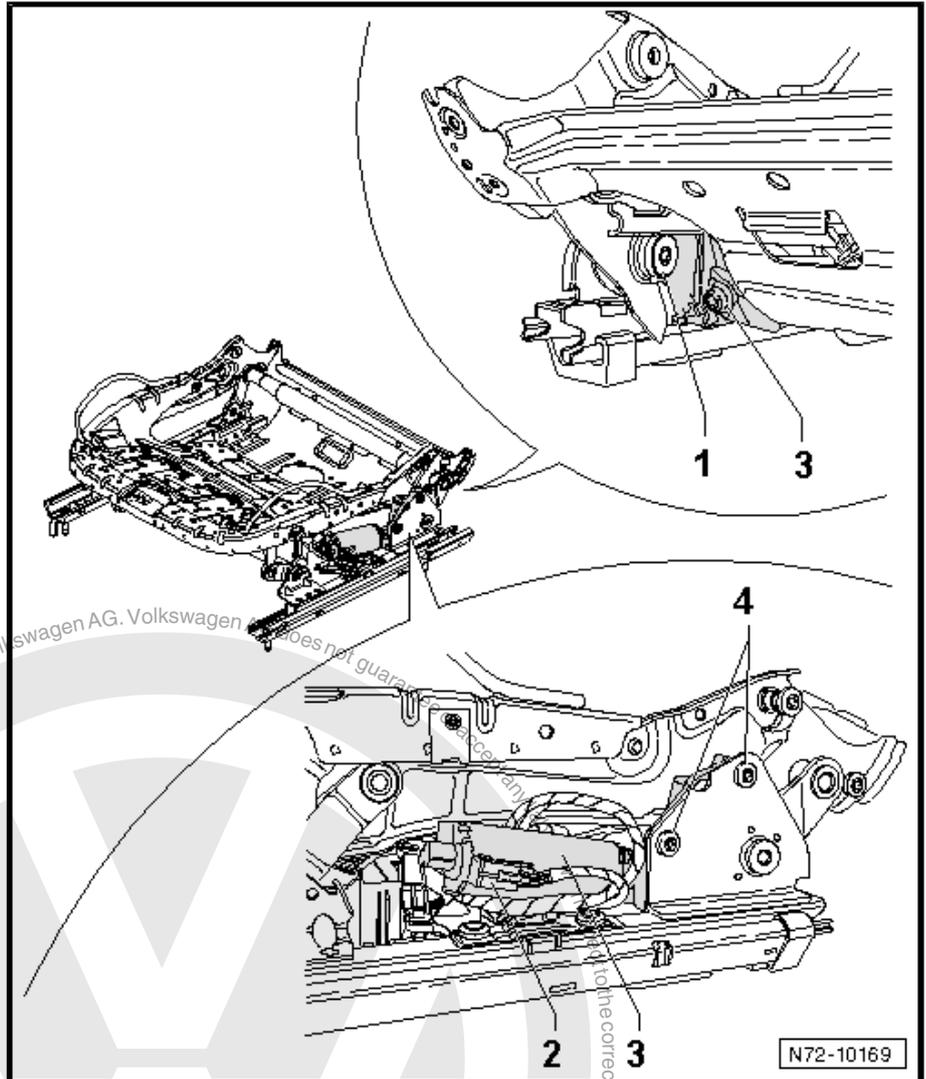
- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove right side trim on seat ⇒ [page 276](#) .
- Remove left side trim on electrically adjustable seat ⇒ [page 267](#) .
- Remove bar and operating lever for front seat ⇒ [page 275](#) .
- Remove front seat drawer mounting ⇒ [page 271](#) .
- Remove front seat backrest ⇒ [page 281](#) .
- Remove cover and padding, front seat cushion ⇒ [page 309](#) .
- Unscrew bolt -1- in rear area from seat frame.



Note

Bolt -1- points from inside out when installed.

- Separate wiring harness -2- from height adjustment -3-.
- Remove the two bolts -4-.
- Detach height adjustment -3- from mountings in seat frame.



1.30.2 Installing

- Install in reverse order of removal.

1.31 Removing and installing (electric) lumbar support

Removal and installation of the lumbar support is described for the left backrest frame. Removal and installation of the lumbar support on the right backrest frame is similar.



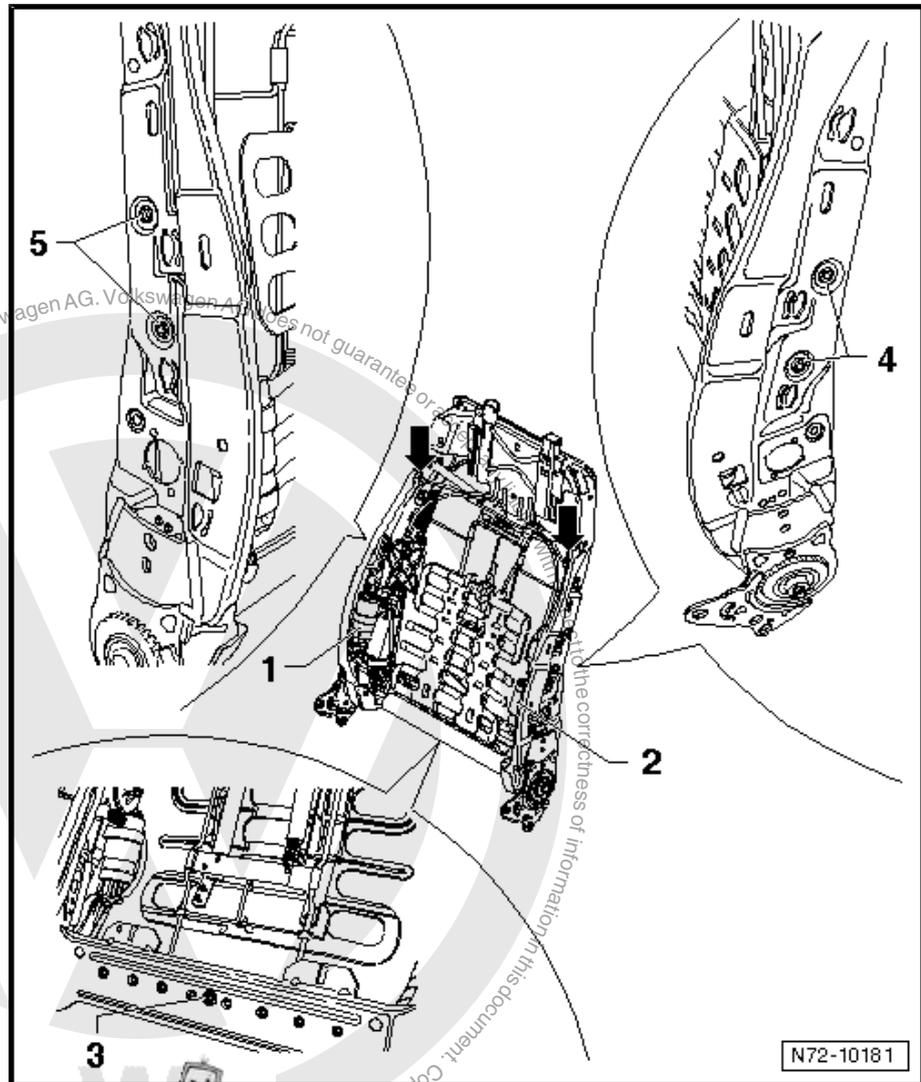
WARNING

Observe the general safety regulations when working on air-bag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ [page 90](#)

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove right side trim on seat ⇒ [page 276](#) .



- Remove left side trim on electrically adjustable seat
⇒ [page 267](#) .
- Remove front seat backrest ⇒ [page 281](#) .
- Secure backrest to seat repair stand -VAS 6136- .
- Remove cover and padding from front seat backrest
⇒ [page 315](#) .
- Remove front side airbag ⇒ [page 139](#) .
- Separate wiring harnesses from drive motors -1- and -2-.
- Drill out rivet -3- on underside from rear.
- Drill out the two rivets -4- on left side.
- Drill out the two rivets -5- on right side.
- Unhook lumbar support from mountings in backrest frame
-arrow-.
- Detach components of lumbar support from backrest frame.

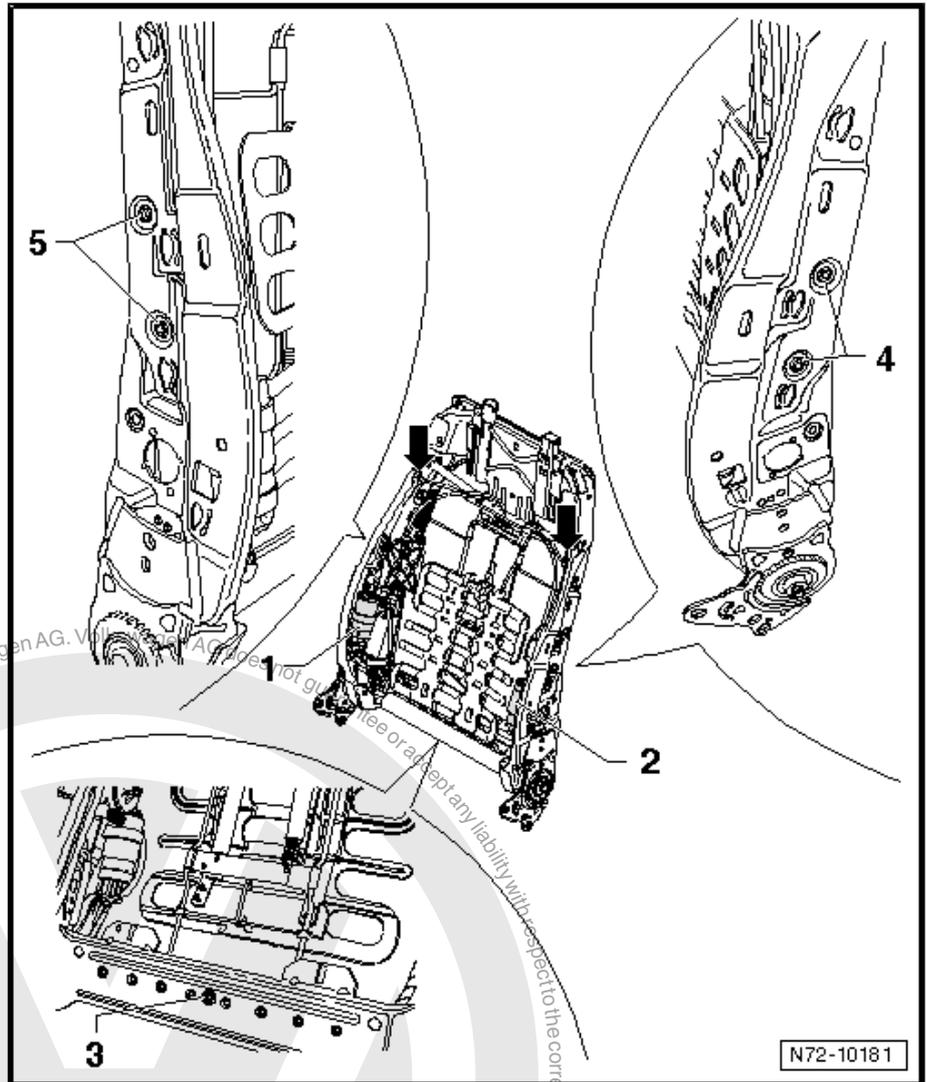


1.31.1 Installing

- Installation is carried out in reverse order of removal.



To install rivets -3-, -4- and -5-, use pop rivet pliers -VAS 5072- .



1.32 Removing and installing drive for (electric) backrest adjustment

In event of defective backrest adjustment drive, backrest frame must be renewed.

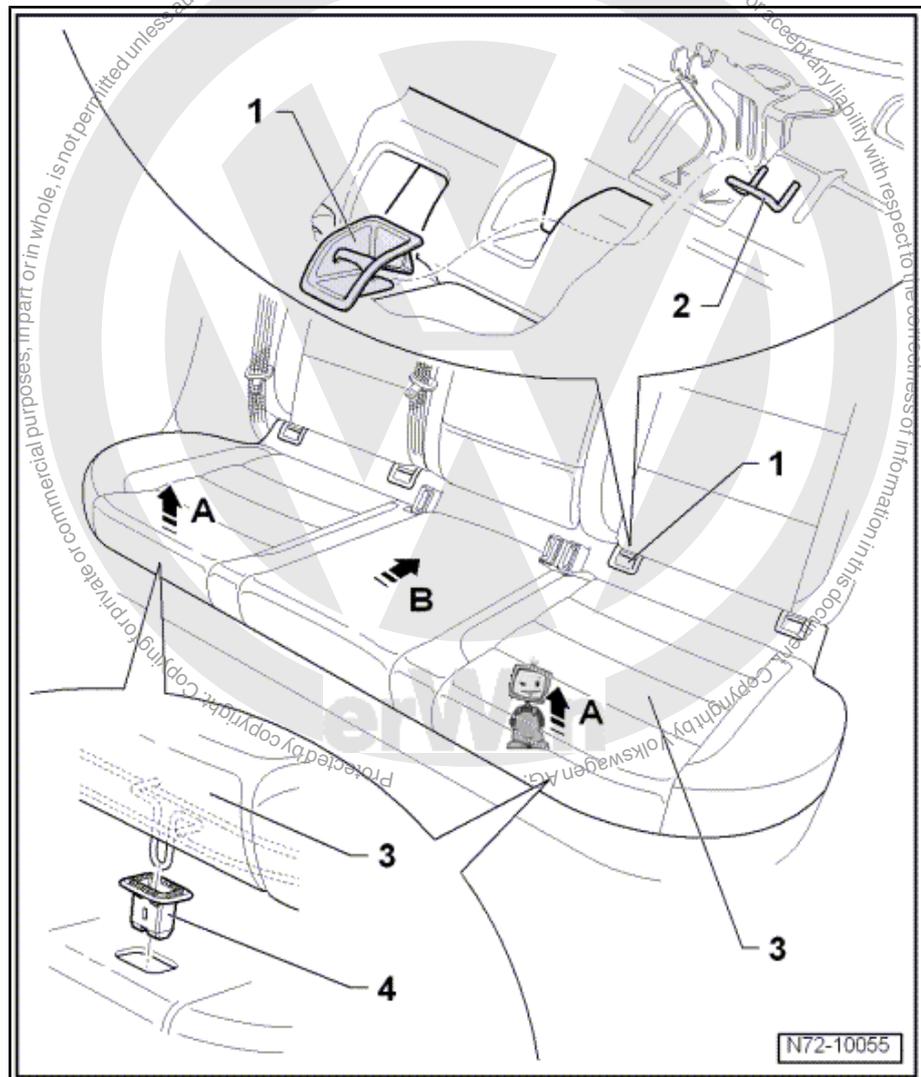


2 Rear seats

2.1 Removing and installing bench seat

2.1.1 Removing

- Unclip the four guides -1- from child seat anchorages -2-.
- Pull front section of bench seat -3- upwards out of the two mountings -4- -arrows A-.
- Push bench seat to rear -arrow B-.
- Pull rear section of bench seat upwards.
- Remove bench seat from vehicle.



2.1.2 Installing

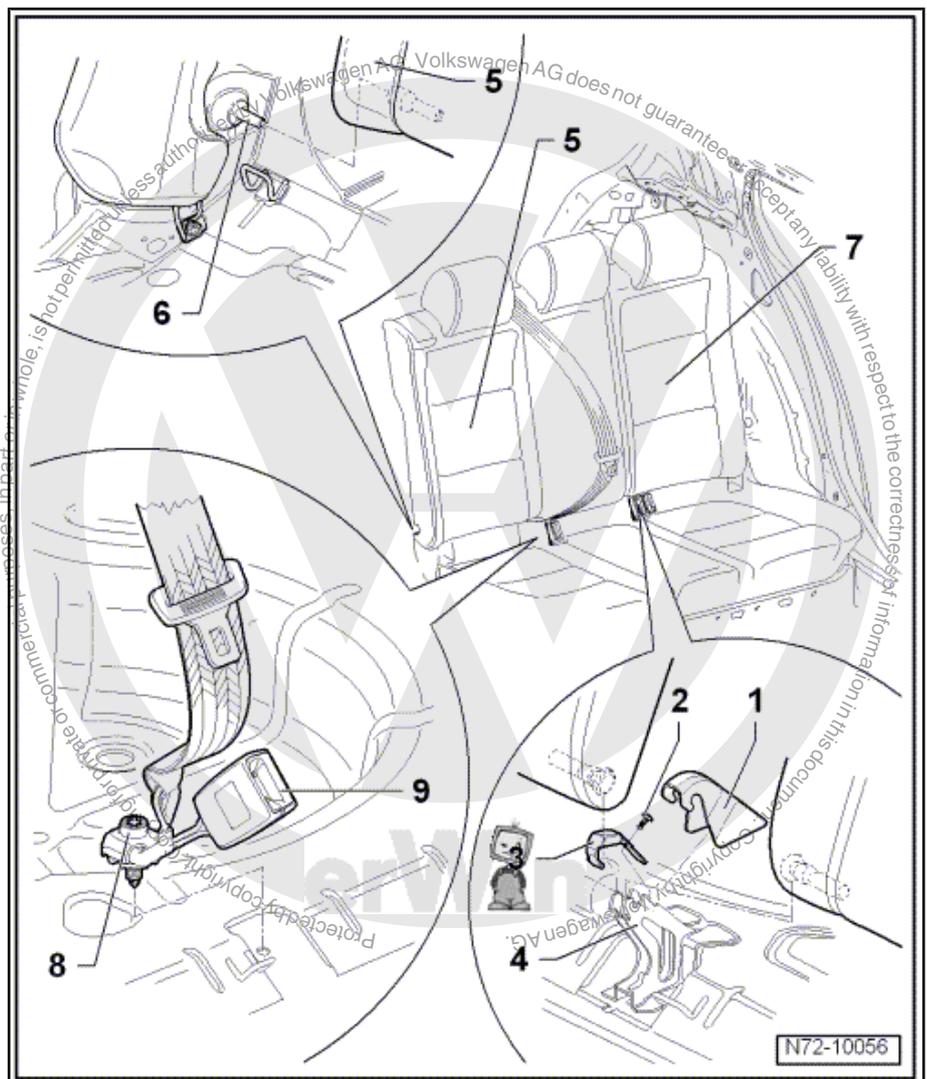
- Install in reverse order of removal.



2.2 Removing and installing backrest

2.2.1 Removing

- Remove bench seat ⇒ [page 304](#) .
- Fold back floor covering in area of backrest centre mounting -4-.
- Remove trim -1- from backrest centre mounting.
- Remove bolt -2- (9 Nm).
- Release clamp -3- from backrest centre mounting.
- Lift right backrest -5- out of backrest centre mounting and pull backrest off pin -6-.
- Remove bolt -8- (40 Nm) and remove belt buckle -9- from floor.
- Remove right-hand backrest from vehicle.
- Lift left-hand backrest -7- out of backrest centre mounting and pull backrest off pin.





2.2.2 Installing

- Install in reverse order of removal.

2.3 Removing and installing side padding with side airbag (4-door)



Note

*Removal and installation is described for the right vehicle side.
Removal and installation of left side is similar.*

2.3.1 Removing



WARNING

Follow safety precautions when working on the airbag.

- Disconnect vehicle battery ⇒ Rep. Gr. 27 .
- Remove bench seat ⇒ [page 304](#) .
- Remove nut -1- (8 Nm).
- Fold backrest forwards, remove cover cap and remove bolt -2- (8 Nm).



Note

Cover cap and bolt -2- were discontinued following production start-up and are not therefore installed in all vehicles.

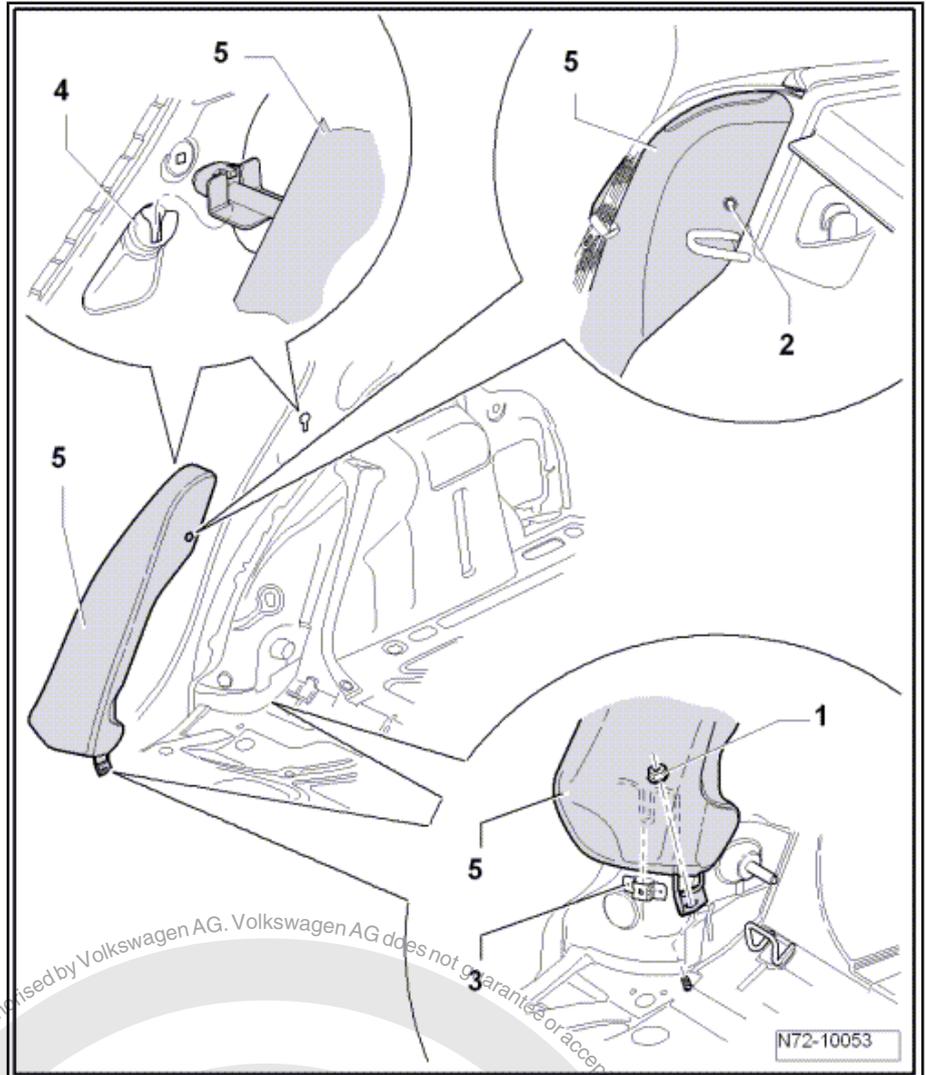
- Pull side padding -5- upwards out of mountings -3- and -4- in body.



WARNING

Electrostatic discharges may result in unintentional triggering of airbag. Therefore, the mechanic must electrostatically discharge him/herself before disconnecting the igniter and earth wires. This can be done by briefly touching the body or striker plate of the door.

- Disconnect wiring harness from rear side airbag.



2.3.2 Installing

- Install in reverse order of removal.
- Switch ignition on.



WARNING

Ensure that nobody is in the vehicle.

- Reconnect vehicle battery ⇒ Rep. Gr. 27 .

2.4 Removing and installing side padding (4-door)



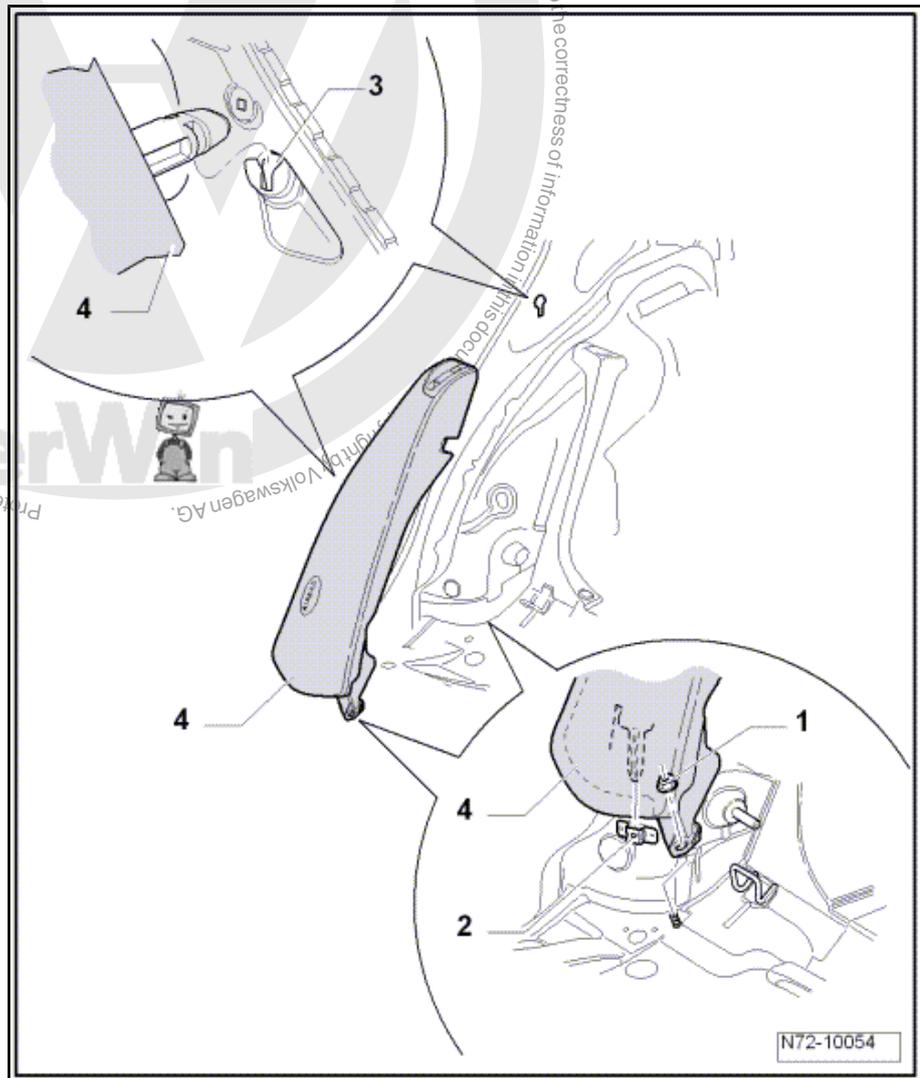
Note

*Removal and installation is described for the right vehicle side.
Removal and installation of left side is similar.*



2.4.1 Removing

- Remove bench seat ⇒ [page 304](#) .
- Remove nut -1- (8 Nm).
- Fold backrest forwards.
- Pull side padding -4- upwards out of mountings -2- and -3- in body.



2.4.2 Installing

- Install in reverse order of removal.



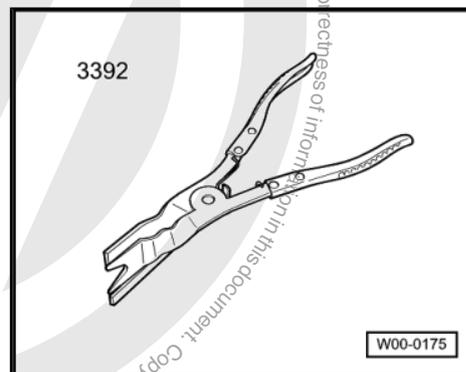
74 – Seat - padding, covers

1 Front seat covers and padding

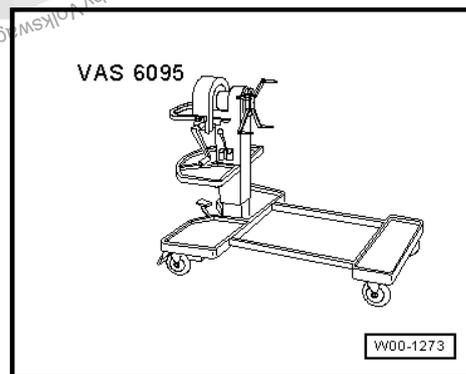
1.1 Tools

Special tools and workshop equipment required

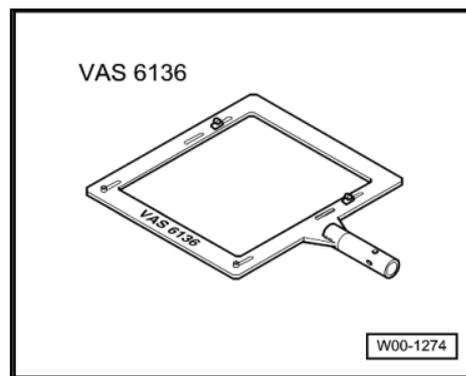
- ◆ Removal pliers -3392-



- ◆ Engine and gearbox support -VAS 6095-



- ◆ Seat repair stand -VAS 6136-



1.2 Removing and installing front seat cushion cover and padding



Note

Removal and installation is described for the left seat. Follow same instructions for removal and installation of components of the right seat as appropriate.



WARNING

If the front passenger seat cushion padding is renewed, the seat occupied sensor, front passenger side -G128- must also always be renewed ⇒ [page 149](#) .

1.2.1 Removing

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove front belt buckle:
- ◆ Two-door ⇒ [page 98](#)
- ◆ Four-door ⇒ [page 100](#)
- Remove right front seat trim ⇒ [page 276](#) .

Vehicles with manually adjustable seat

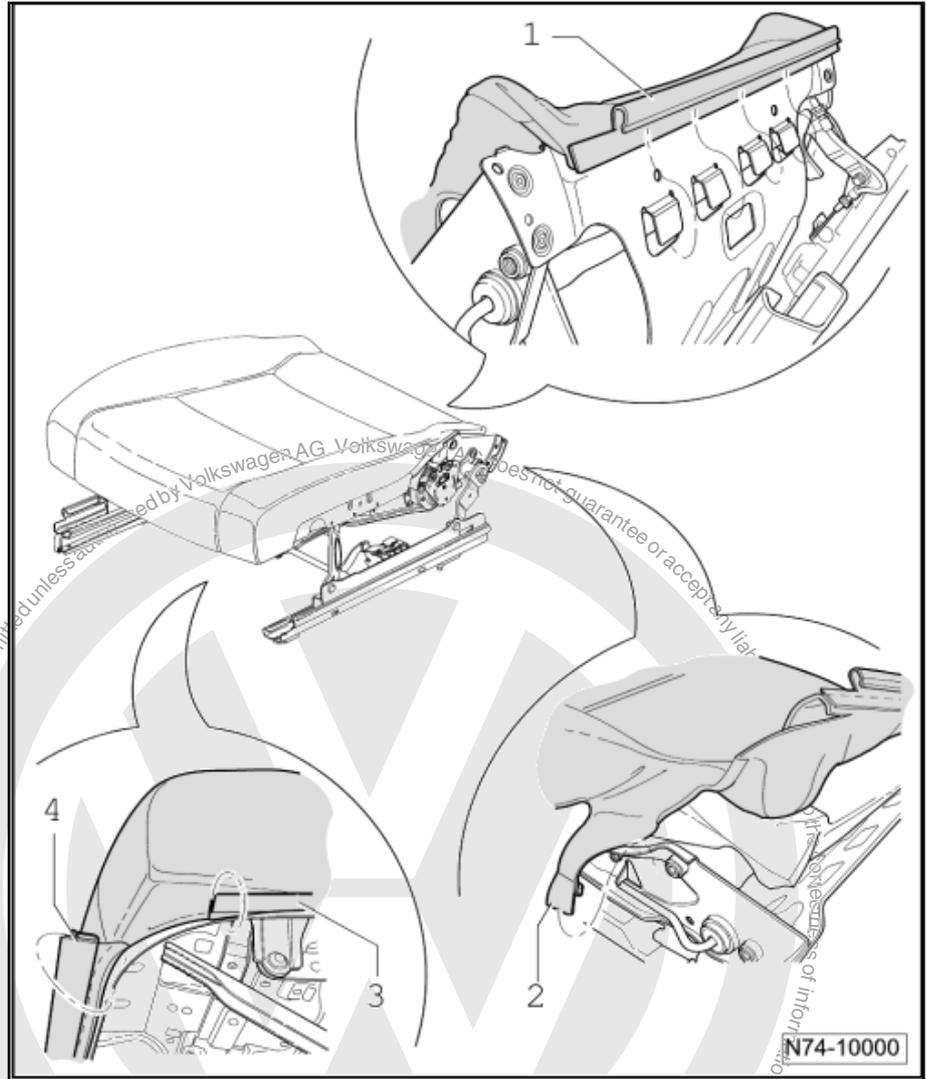
- Remove left side trim on seat ⇒ [page 263](#) .
- Remove bar and operating lever for front seat ⇒ [page 272](#) .

Vehicles with electrically adjustable seat

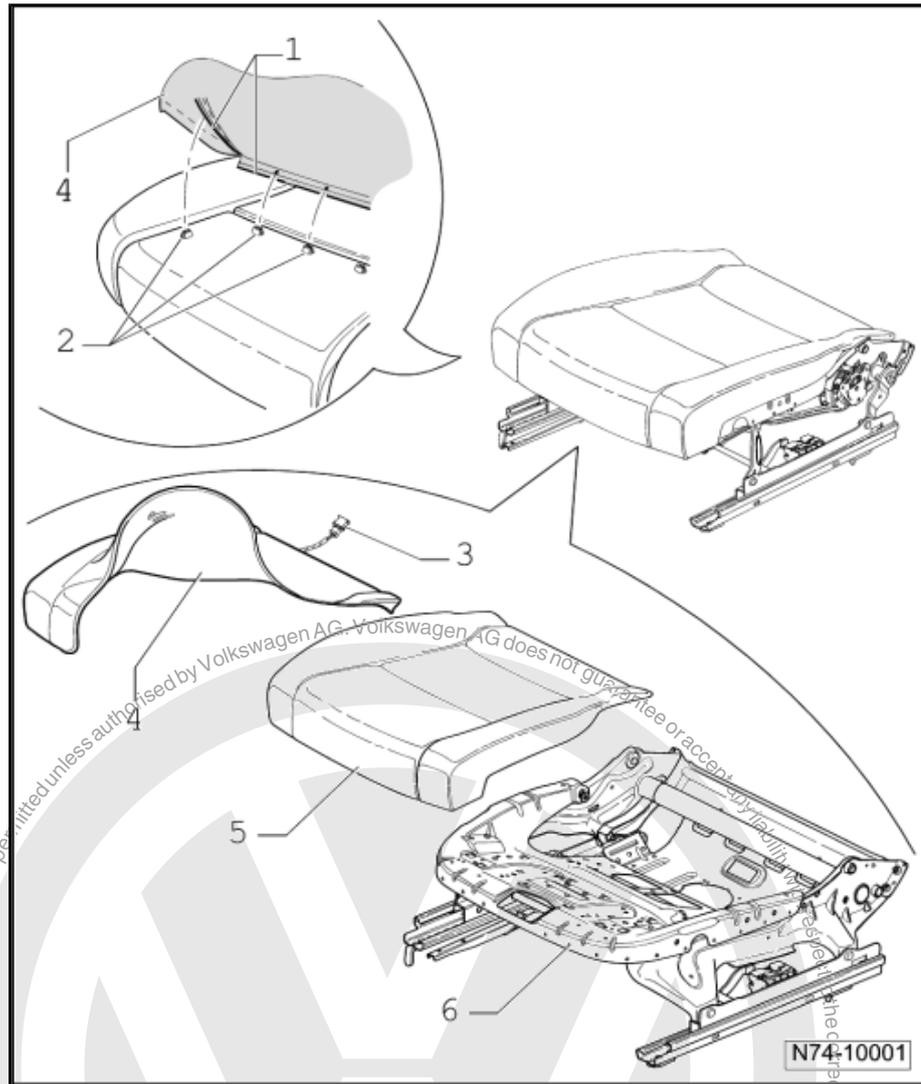
- Remove left side trim on electrically adjustable seat ⇒ [page 267](#) .
- Remove bar and operating lever for front seat ⇒ [page 275](#) .

All vehicles

- Remove front seat drawer mounting ⇒ [page 271](#) .
- Remove front seat backrest ⇒ [page 281](#) .
- Detach retaining bar -1- from mounting.
- Unhook retaining straps -2- on both sides of seat.
- Unhook retaining bars -3- from mountings on both sides of seat.
- Unhook retaining bar -4- from mounting on front of seat.
- Roll up cover on outer sides working around perimeter.



- Using a small screwdriver, unclip retaining bar -1- of cover out of mountings in padding -2-.
- If vehicle is equipped with seat heating, disconnect wiring harness -3- from seat frame.
- Remove cover -4- and padding -5- from seat frame -6-.



1.2.2 Installing

- Install in reverse order of removal.

1.3 Removing and installing front bucket seat cushion cover and padding



Note

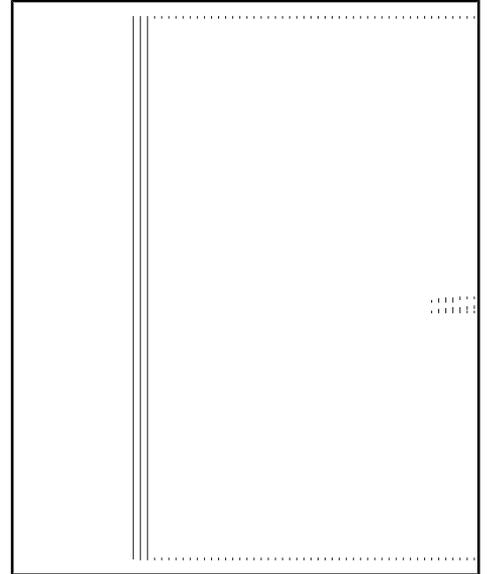
Removal and installation is described for the left seat. Follow same instructions for removal and installation of components of the right seat as appropriate.

1.3.1 Removing

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove front left bucket seat trim ⇒ [page 265](#) .
- Remove front belt buckle:

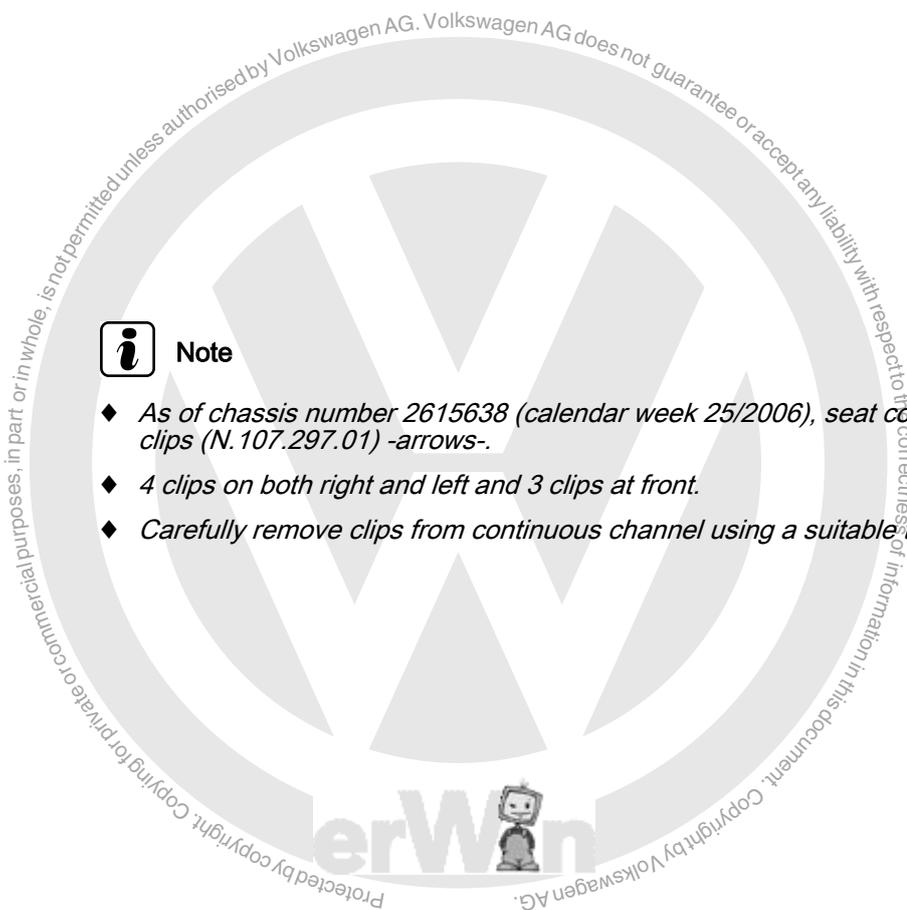


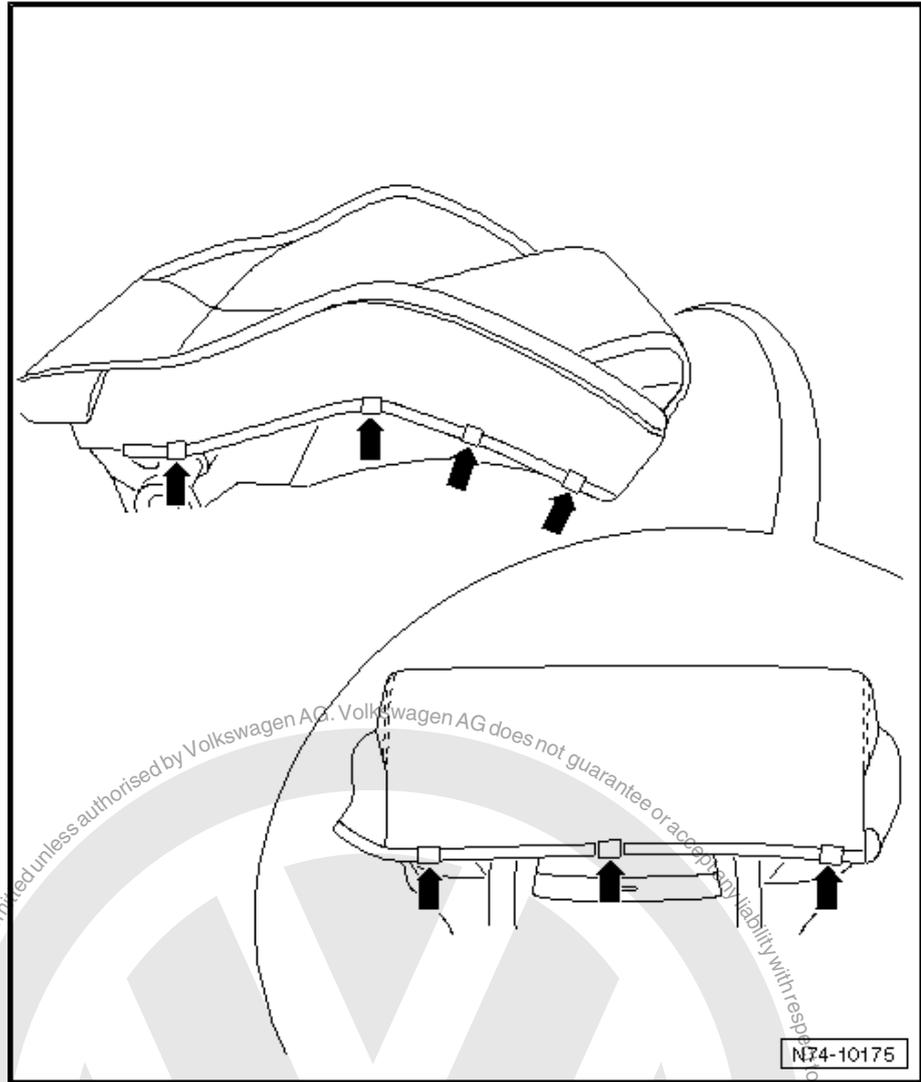
- ◆ Two-door ⇒ [page 98](#)
- ◆ Four-door ⇒ [page 100](#)
- Remove front right bucket seat trim ⇒ [page 277](#) .
- Remove front bucket seat backrest ⇒ [page 282](#) .
- Detach profiled piece -1- from mounting -2- in rear area of seat frame.



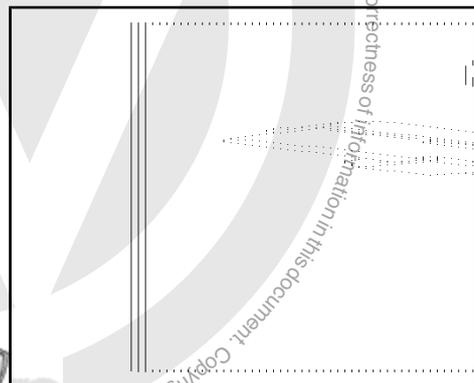
Note

- ◆ *As of chassis number 2615638 (calendar week 25/2006), seat cover is secured to seat with 11 additional clips (N. 107.297.01) -arrows-.*
- ◆ *4 clips on both right and left and 3 clips at front.*
- ◆ *Carefully remove clips from continuous channel using a suitable tool.*



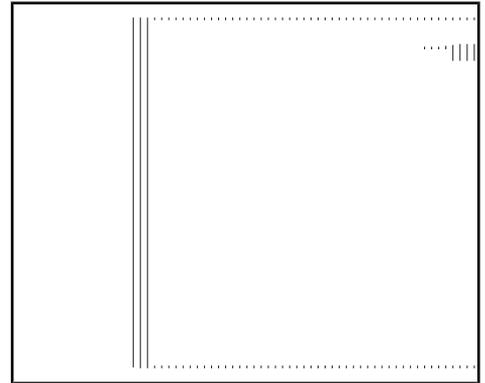


- Release Velcro fastener -1- on both sides.
- Release profiled piece -2- from all-round seat base -3-.





- Release all Velcro fasteners -1- of cover from recesses in padding -2-.
- Remove padding from seat base.



1.3.2 Installing

- Install in reverse order of removal.

1.4 Removing and installing front seat backrest cover and padding



Note

Removal and installation is described for the left seat. Follow same instructions for removal and installation of components of the right seat as appropriate.

1.4.1 Removing

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove right front seat trim ⇒ [page 276](#) .

Vehicles with manually adjustable seat

- Remove left side trim on seat ⇒ [page 263](#) .

Vehicles with electrically adjustable seat

- Remove left side trim on electrically adjustable seat ⇒ [page 267](#) .

All vehicles

- Remove front seat backrest ⇒ [page 281](#) .
- Secure backrest to seat repair stand -VAS 6136- .
- Operate respective button in head restraint guide and pull head restraint -1- out of backrest.

Only 2-door.

- Pull off operating knob -2-.
- Insert a screwdriver -direction of arrow- and lever trim -3- out of mounting.



Note

When installing, remove securing spring -4- from lever -5- and renew it..

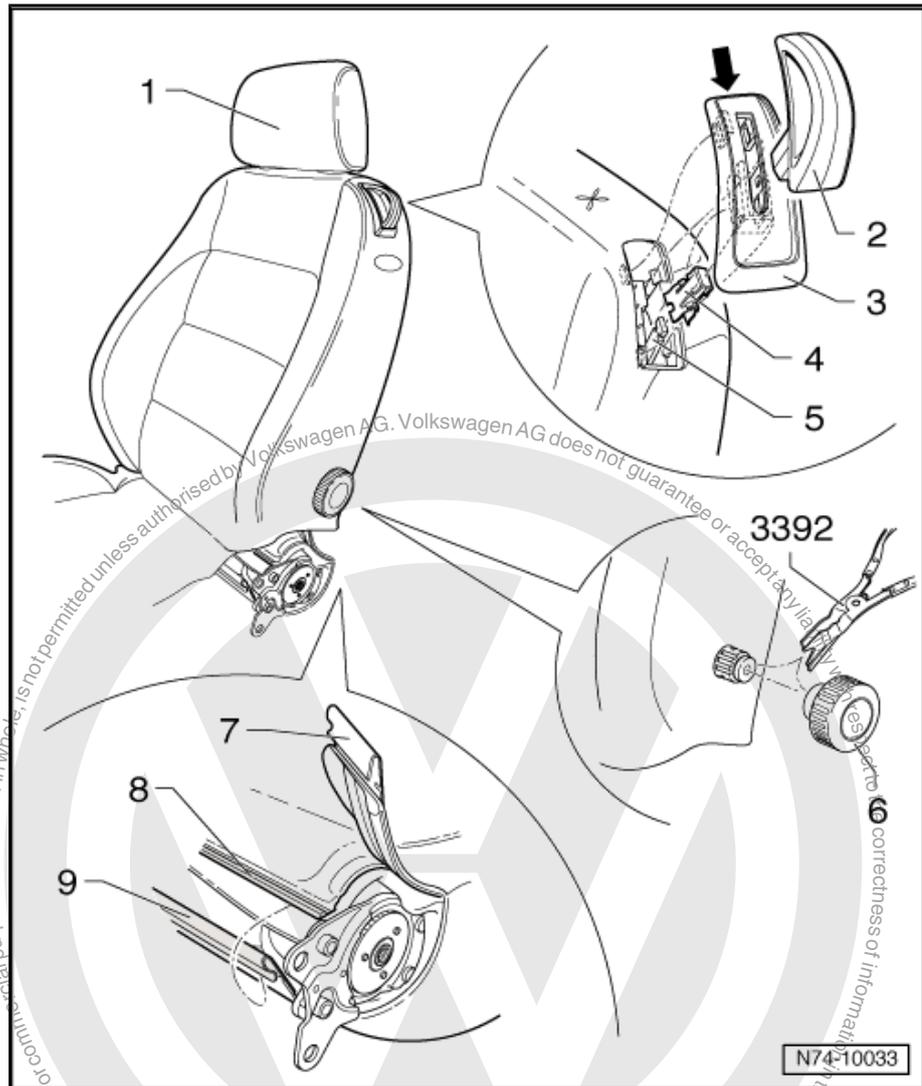


**Only vehicles with manually operated lumbar support adjustment
(Golf 2004 ▶)**

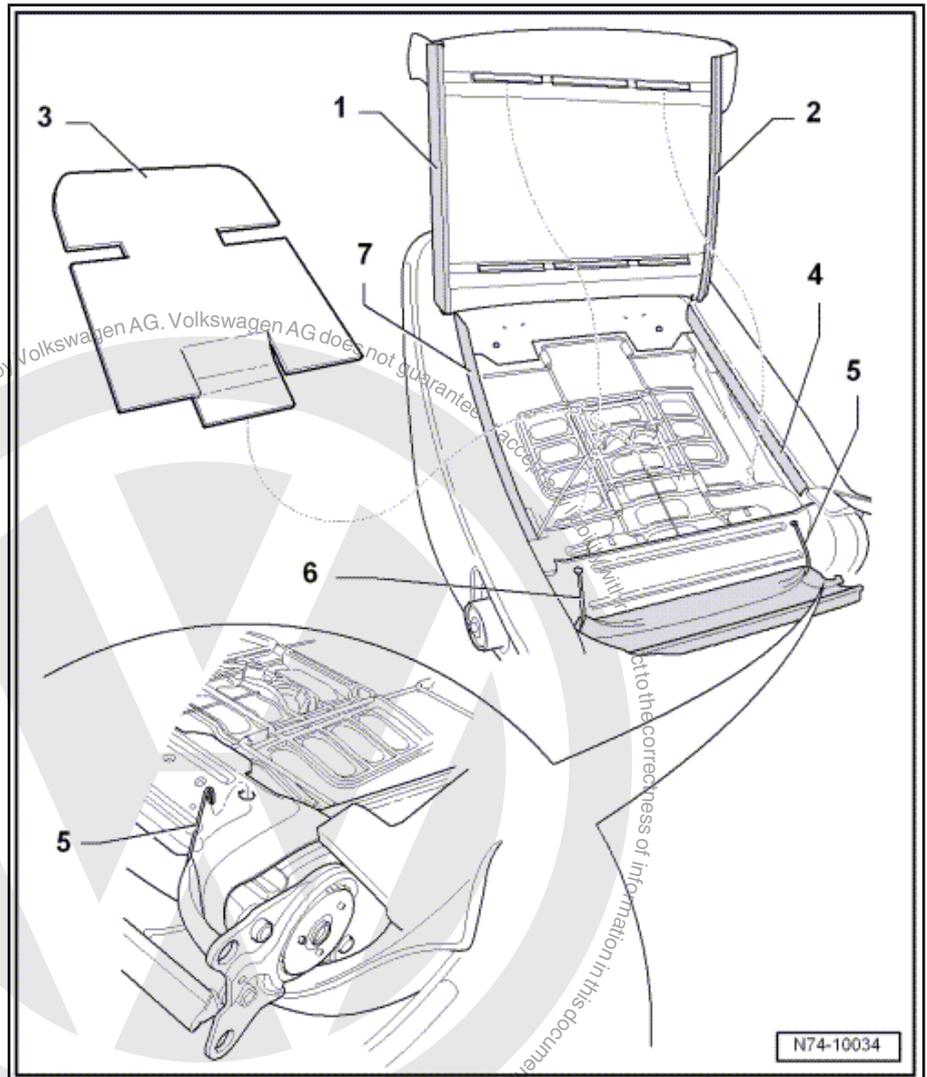
- Using removal pliers -3392-, remove knob -6- for lumbar support adjustment.

All vehicles

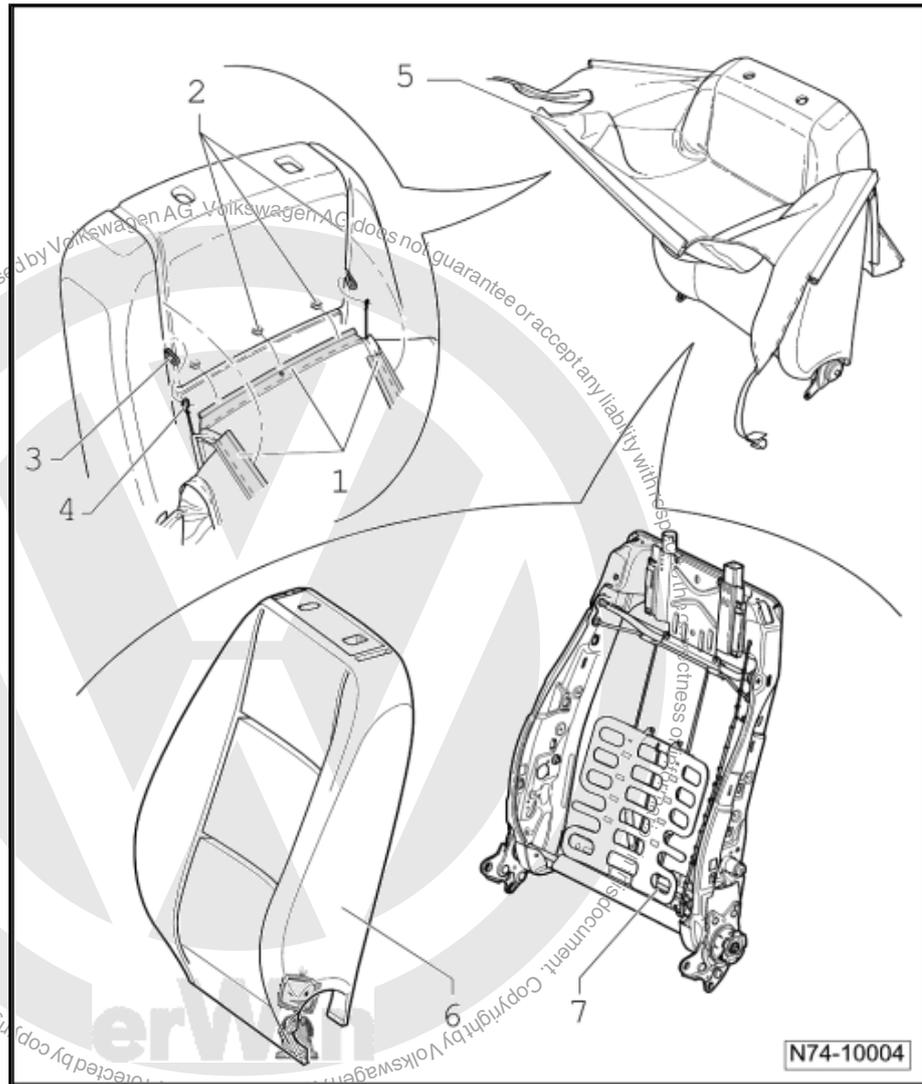
- Unhook profiled piece -7- on both sides of backrest.
- Detach profiled piece -8- from mounting -9-.



- Remove side retaining bars -1- and -2- from mountings and fold back of cover upwards.
- Remove plate -3- from backrest.
- Open side retaining bar -4- and unhook tensioning wire -5-.
- Open side retaining bar -7- and unhook tensioning wire -6-.



- Fold cover -5- upwards.
- Using a small screwdriver, unclip retaining bar -1- of cover out of mountings in padding -2-.
- Unhook tensioning wire -4- from padding wire -3- on both sides.
- Remove head restraint guides ⇒ [page 279](#) .
- Remove cover -5- and padding -6- from seat frame -7-.



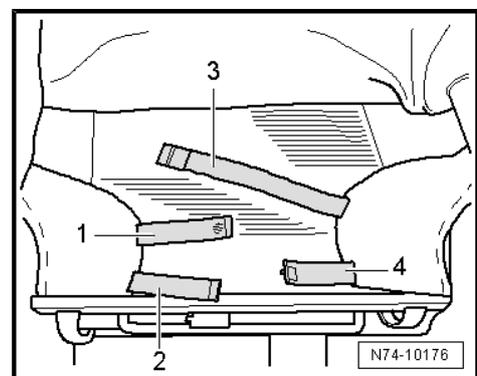
1.4.2 Installing

– Installation is carried out in reverse order of removal.

Only 2-door.

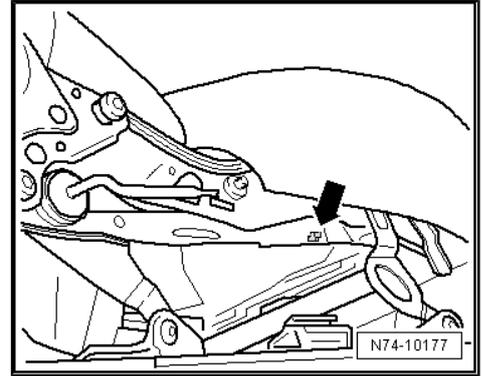
To prevent seat cover from being damaged when folding front seat backrest forwards, ensure the four tensioning straps are positioned correctly.

- ◆ 1- long tensioning strap, on tunnel side
- ◆ 2- short tensioning strap, on tunnel side
- ◆ 3- long tensioning strap, on sill side
- ◆ 4- short tensioning strap, on sill side

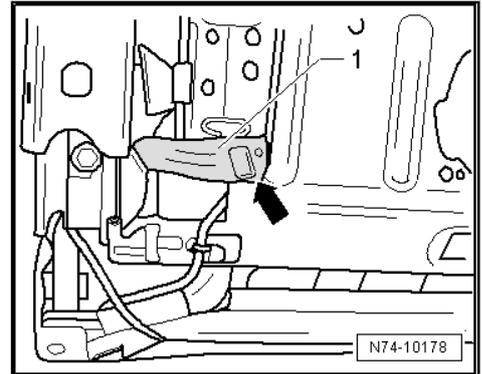




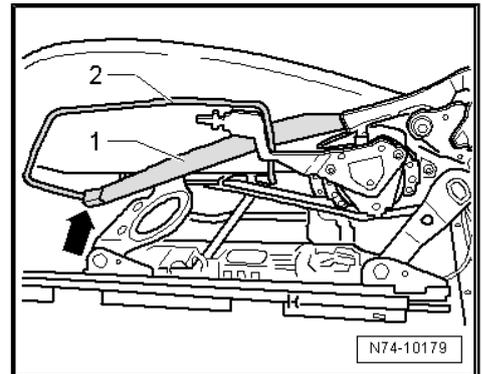
Long tensioning strap on tunnel side must be guided between padding and seat structure side panel, and must then be clipped to side panel from inside -arrow-.



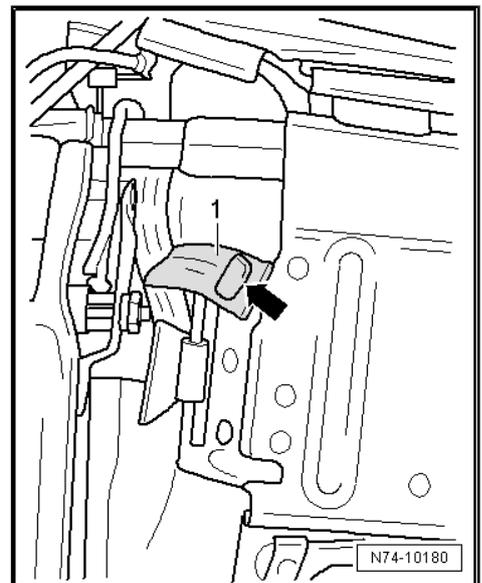
Short tensioning strap on tunnel side -1- must be guided between padding and side panel, and must be clipped to side of seat base beneath seat -arrow-.



Long tensioning strap on sill side -1- must be guided past seat cover and hooked into front area of trim panel bow -2- -arrow-.



Short tensioning strap on sill side -1- must be guided between padding and side panel, and must be clipped to side of seat base beneath seat -arrow-.





1.5 Removing and installing front bucket seat backrest cover and padding



Note

Removal and installation is described for the left seat. Follow same instructions for removal and installation of components of the right seat as appropriate.

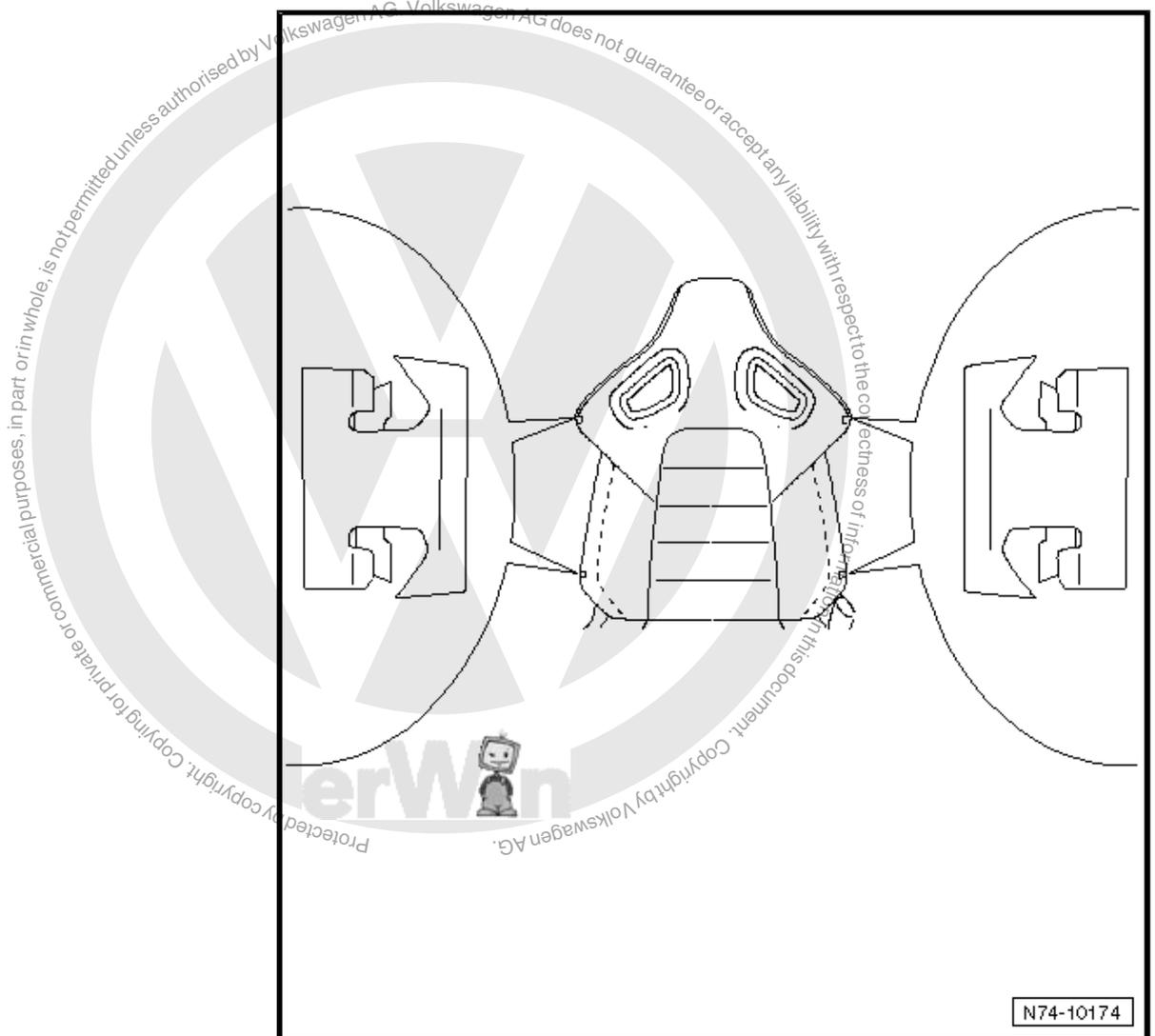
1.5.1 Removing

- Attach seat repair stand -VAS 6136- to engine and gearbox support -VAS 6095- .
- Remove front seat ⇒ [page 260](#) .
- Secure seat to seat repair stand -VAS 6136- .
- Remove front left bucket seat trim ⇒ [page 265](#) .
- Remove front belt buckle:
 - ◆ Two-door ⇒ [page 98](#)
 - ◆ Four-door ⇒ [page 100](#)
- Remove front right bucket seat trim ⇒ [page 277](#) .
- Remove front bucket seat backrest ⇒ [page 282](#) .

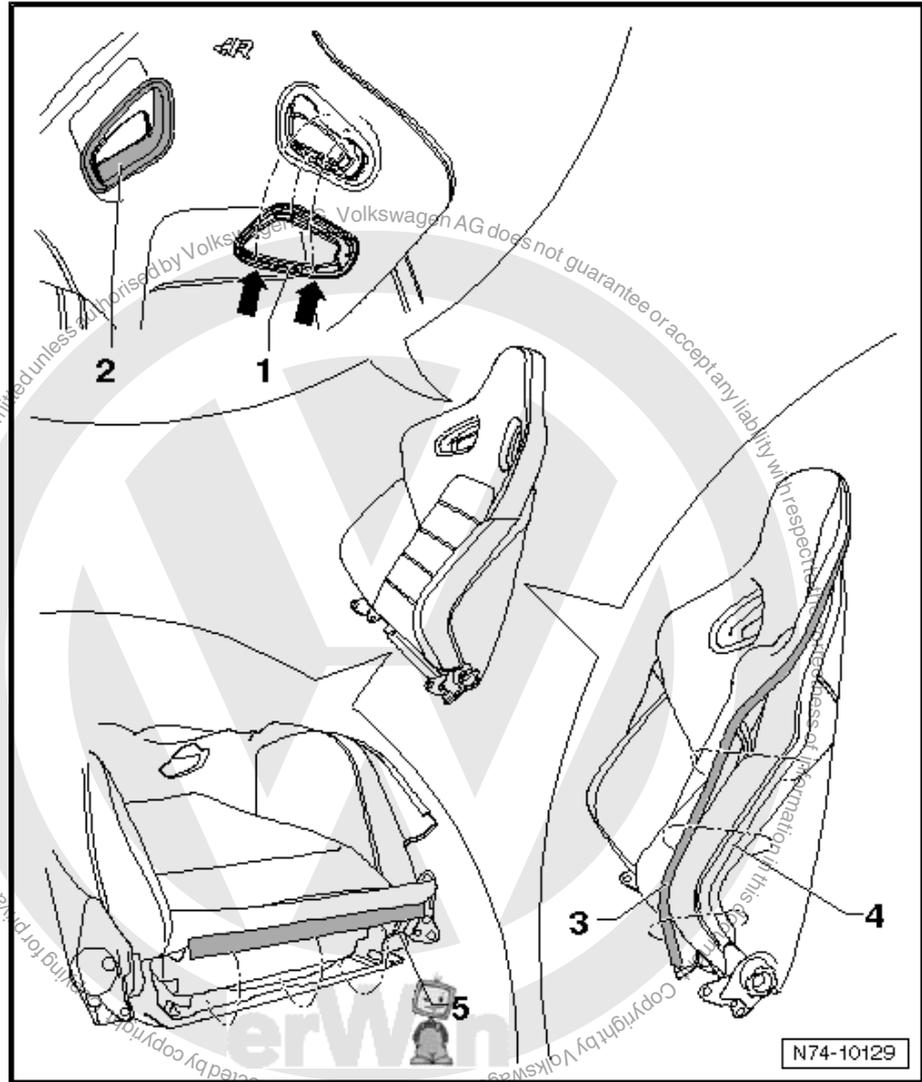


Note

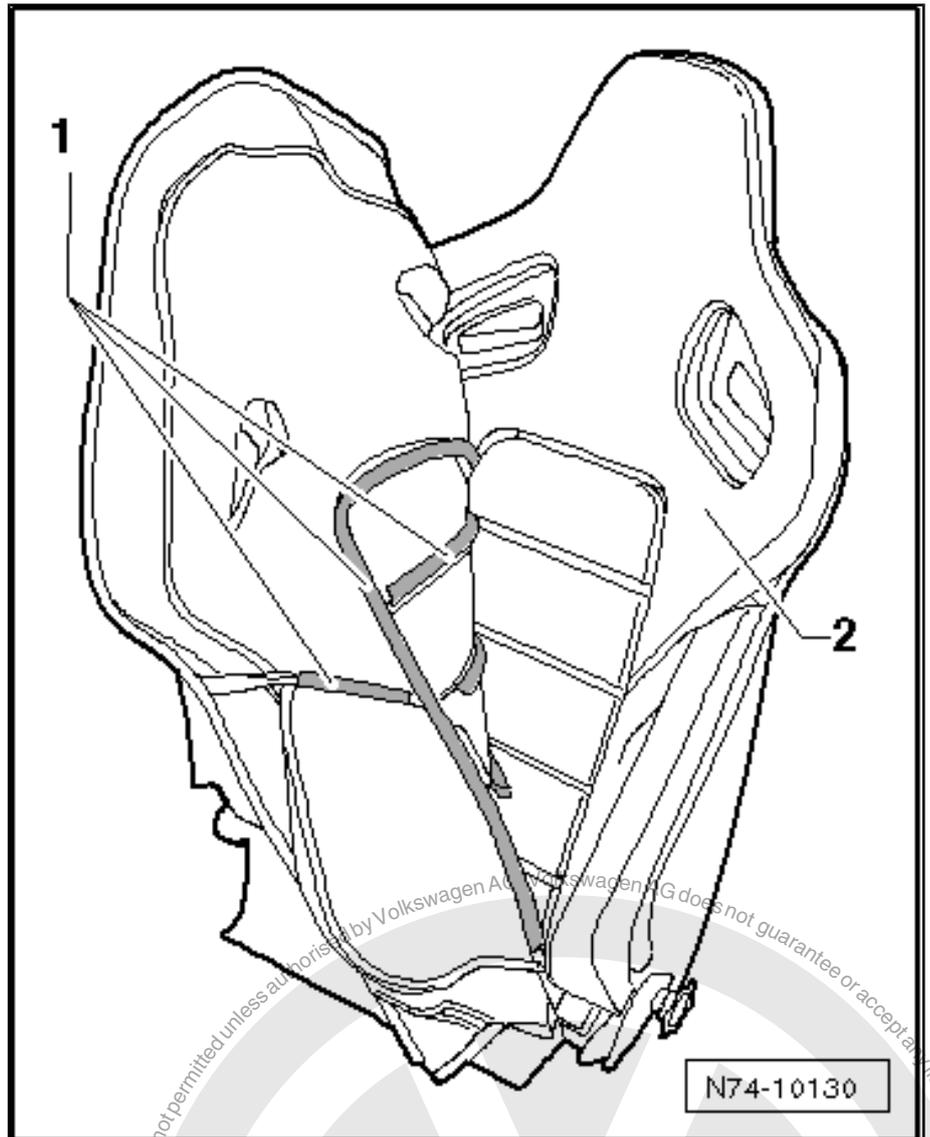
- ◆ *As of chassis number 2615638 (calendar week 25/2006), backrest cover is secured to backrest with additional clips (N.107.297.01).*
- ◆ *Carefully remove clips from continuous channel using a suitable tool.*
- ◆ *Ensure clips are installed in original positions when installing clips.*



- Press left trim -1- down along upper edge.
- Then pull trim out of mountings in area of the two fasteners -arrows-.
- Remove right trim -2- (sequence is analogue).
- In side area of backrest, release continuous profile -3- of seat cover from continuous channel -4-.
- Along bottom of backrest, pull profiled piece -5- out of mountings.



- Release all Velcro fasteners -1- of cover from recesses in padding -2-.
- Release padding from backrest frame.



1.5.2 Installing

- Install in reverse order of removal.

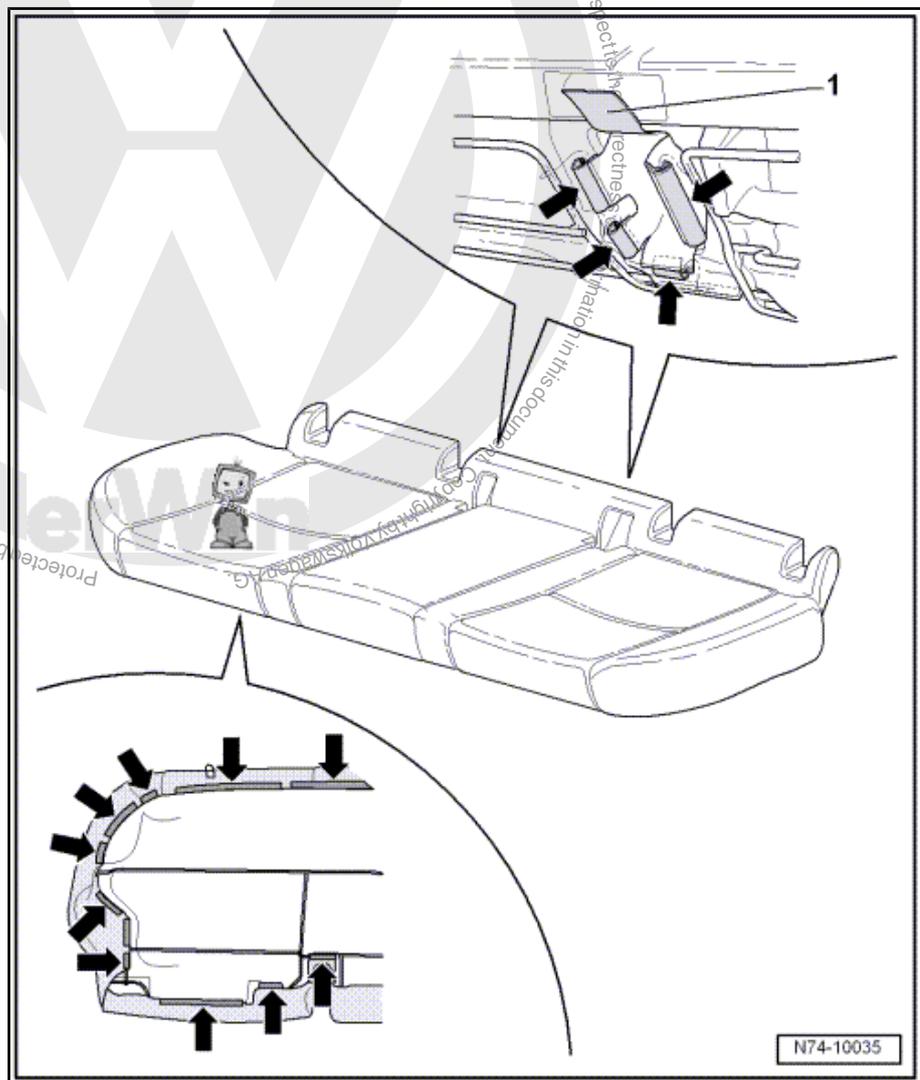


2 Rear seat covers and padding

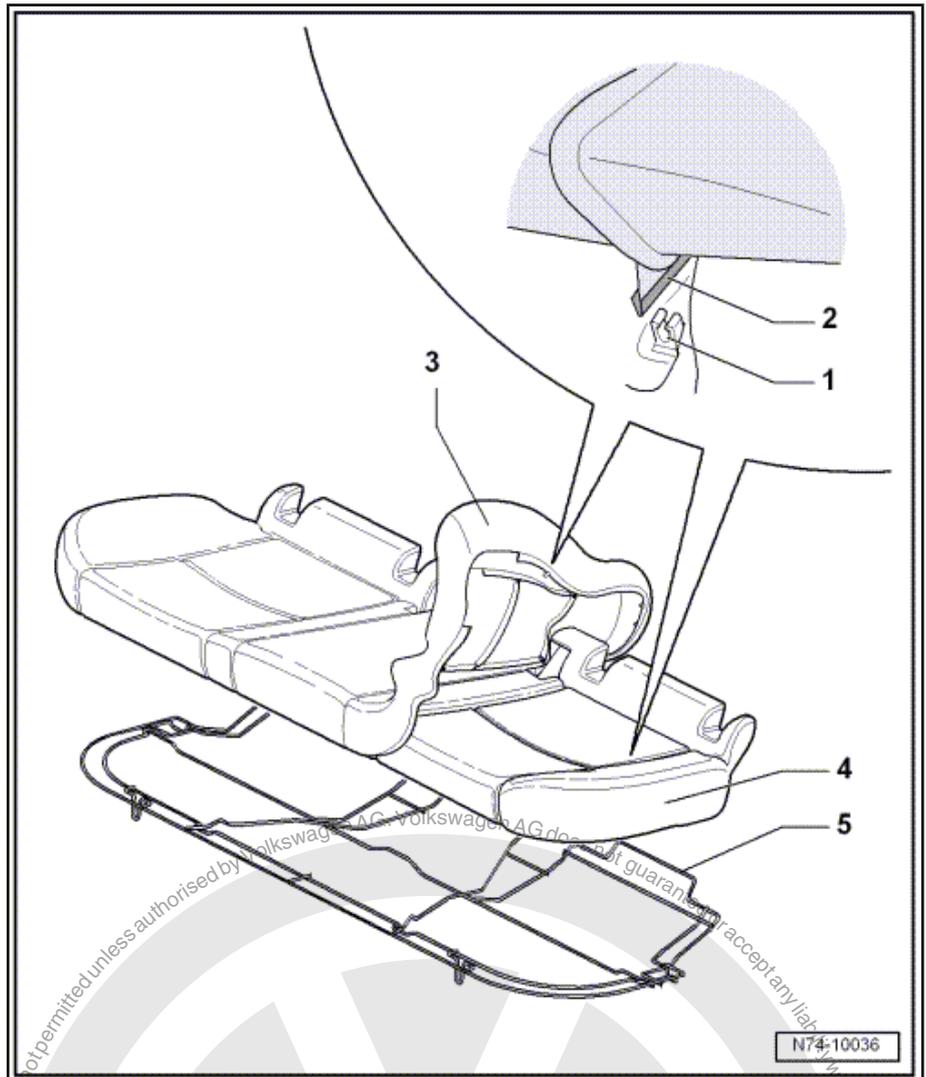
2.1 Removing and installing bench seat cover and padding

2.1.1 Removing

- Remove bench seat => [page 304](#) .
- Unhook all cover profiled pieces -arrows- from seat frame on underside of bench seat.
- Release Velcro strips in area of belt buckles -1-.



- Roll up cover on sides.
- Using a small screwdriver, lever side webs out of fasteners -1- and pull out clamping strips -2-.
- Detach cover -3- and padding -4- from seat frame -5-.



2.1.2 Installing

- Install in reverse order of removal.

2.2 Removing and installing backrest cover and padding



Note

Removal and installation is described for components of right backrest. Removal and installation of components of left backrest is similar.

2.2.1 Removing

Only vehicles with through loading unit

- Remove through loading unit with centre armrest
⇒ [page 327](#) .

All vehicles

- Remove bench seat ⇒ [page 304](#) .
- Remove backrest ⇒ [page 305](#) .



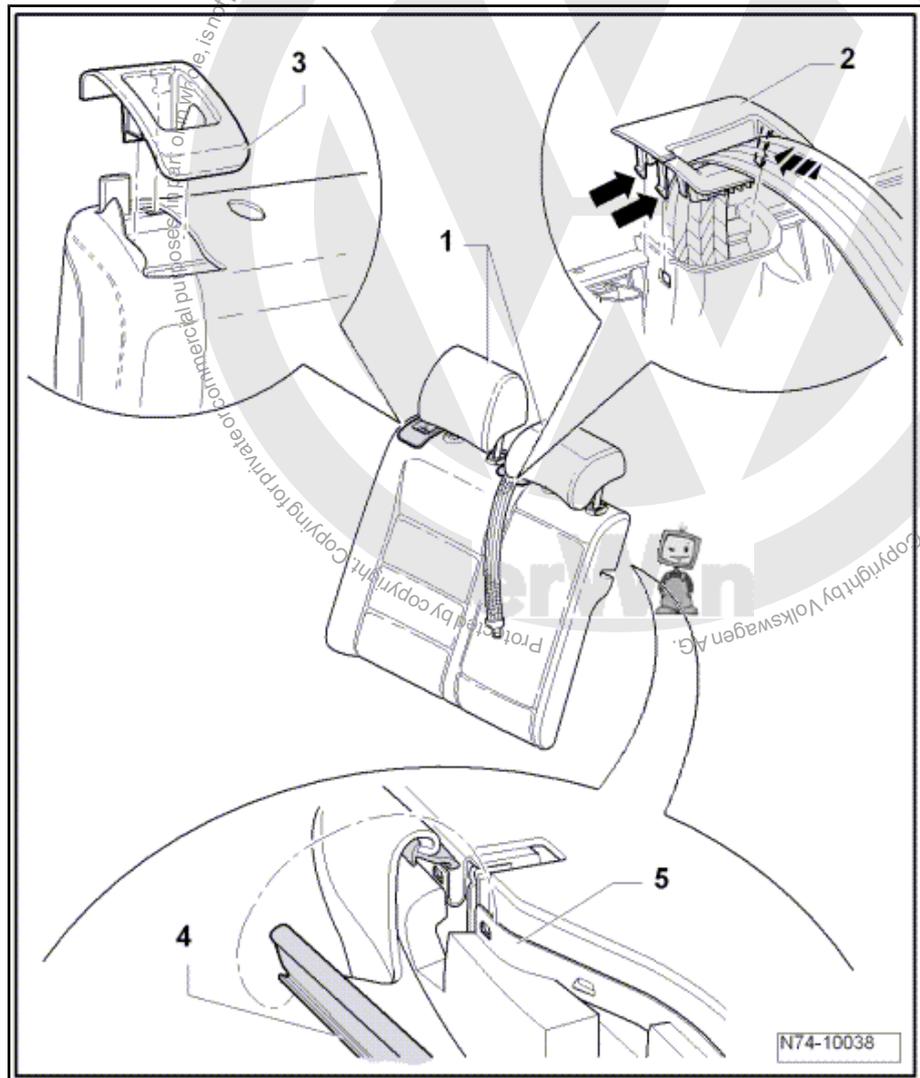
- Operate respective button in head restraint guide and pull head restraint -1- out of backrest.
- Operate side locking devices -arrows- and release seat belt trim -2- from mountings.



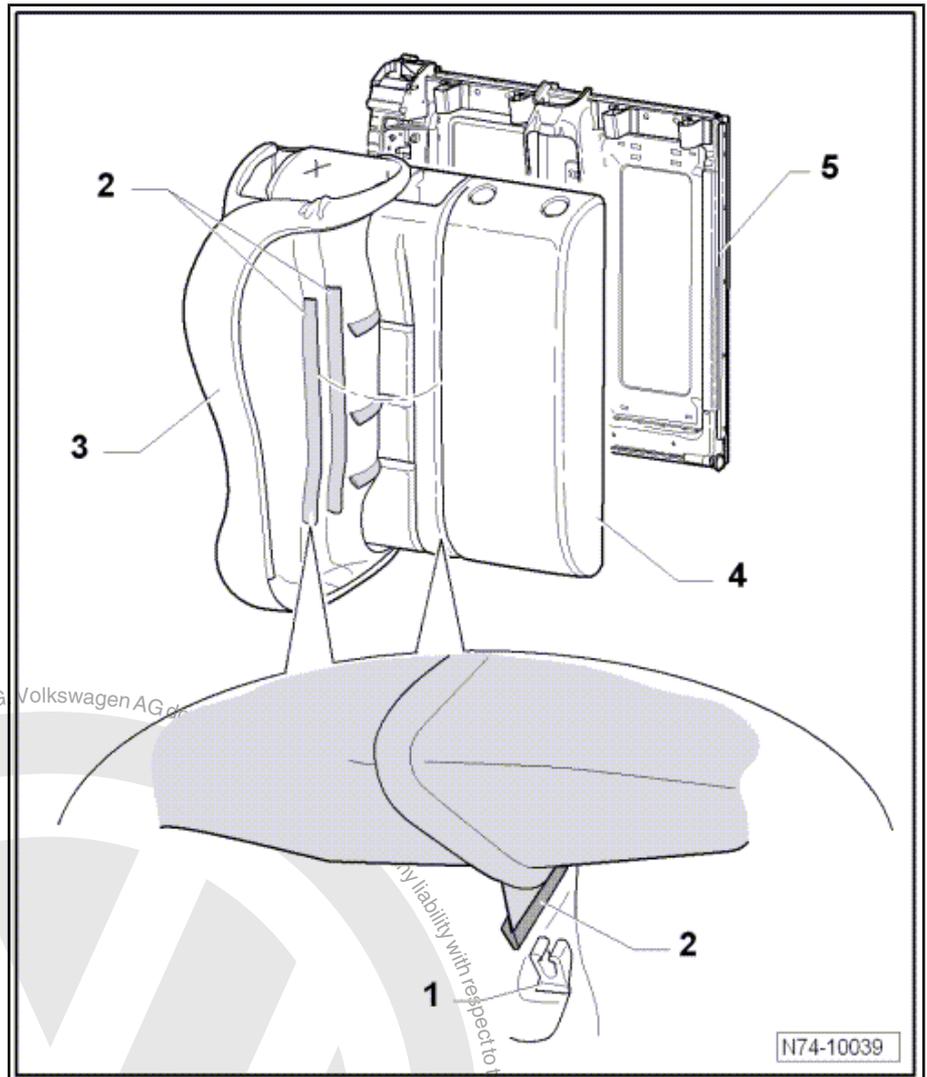
Note

Seat belt trim -2- has a once-only locking device and must therefore be renewed when installing.

- Press side locking devices inwards and pull cover -3- out of backrest.
- Using a screwdriver, lever all profiled pieces -4- out of mountings -5- all-round back of backrest.



- Roll up cover on sides.
- Disengage locking elements at bottom ends of head restraint guides and pull out head restraint guides from backrest.
- Using a small screwdriver, lever side webs out of fasteners -1- and pull out clamping strips -2-.
- Detach cover -3- and padding -4- from seat frame -5-.



2.2.2 Installing

- Install in reverse order of removal.

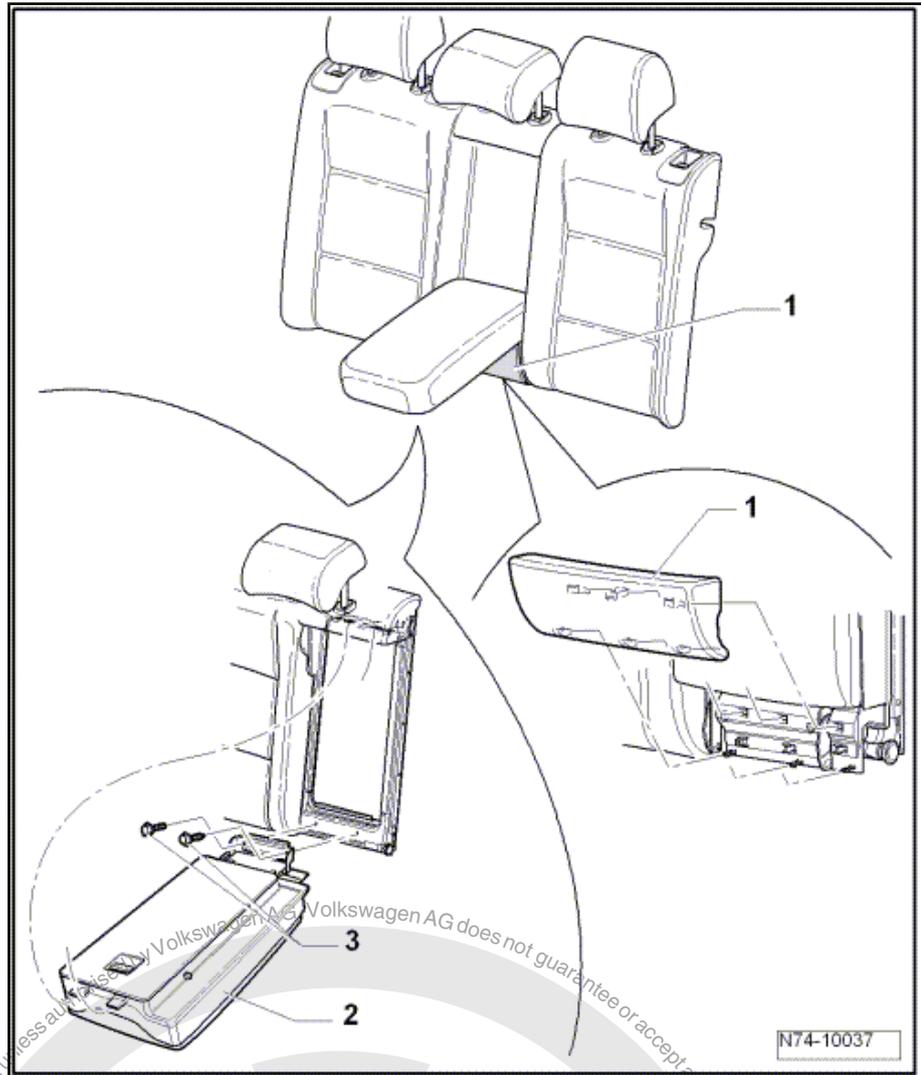
2.3 Removing and installing through loading unit with centre armrest

2.3.1 Removing

- Remove padded piece -1- under centre armrest..



- Open through loading unit -2- and remove the two bolts -3- (9 Nm).



2.3.2 Installing

- Installation is carried out in reverse order of removal.