



Workshop Manual

e-up! 2014 ➤

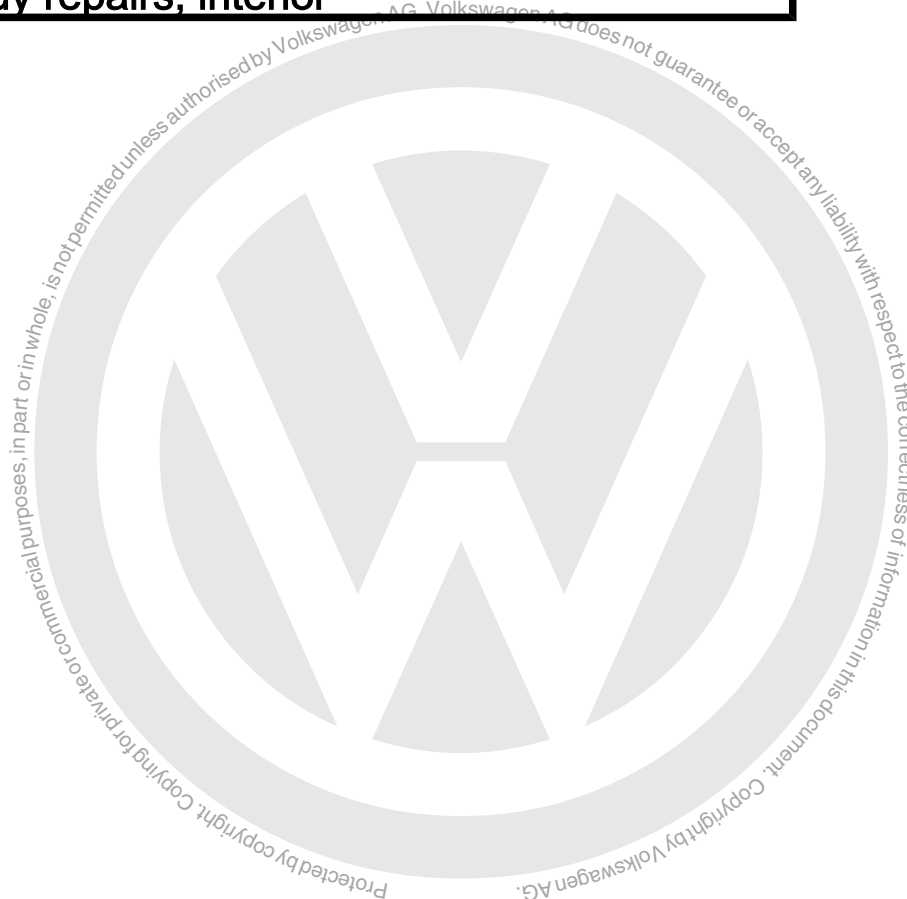
e-up! 2017 ➤

up! 2012 ➤

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General body repairs, interior

Edition 07.2018





List of Workshop Manual Repair Groups

Repair Group

- 00 - Technical data
- 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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00 – Technical data

1 Safety information

(VRL011968; Edition 07.2018)

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1.1 Safety measures when working with pyrotechnic components



Note

The following are pyrotechnic components:

- ◆ Airbag units
- ◆ Belt tensioner
- ◆ Belt force limiters (depending on vehicle equipment level)
- ◆ Battery isolation elements (depending on vehicle equipment level)

General notes

- ◆ Only trained personnel may carry out test, assembly and repair work.
- ◆ There are no replacement intervals for airbag units.



- ◆ 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- , battery earth strap must be disconnected with ignition switched ON. Then, cover the negative terminal.
- ◆ A waiting time of 10 seconds is necessary after disconnecting the battery.
- ◆ Battery must be connected with 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.
- ◆ Comply with specified measures after connecting the battery
⇒ Electrical system; Rep. gr. 27 .
- ◆ Before handling pyrotechnic components of the restraint system, for example before isolating 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.
- ◆ Wash hands after coming into contact with triggered pyrotechnic components of restraint system.
- ◆ Pyrotechnical components may 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.
- ◆ 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.
- ◆ When connecting pyrotechnic components of the restraint system, only the person carrying out the work may be inside the vehicle.
- ◆ Pyrotechnic components must not come into contact with grease, cleaning solution or similar.
- ◆ The airbag unit must be replaced if any contamination such as oil, paint or solvent penetrates the fabric.
- ◆ Pyrotechnic components must not be subjected to temperatures above 100°C, even for short periods.

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

- ◆ 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.

1.3 Safety instructions for airbag

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

It is essential to carry out work in the following sequence when renewing airbag units:

- 1 - Remove old airbag unit and place to one side with padded side upwards.
- 2 - Remove new airbag unit from transport packaging and place to one side with padded side upwards.
- 3 - Immediately place old airbag unit in transport packaging.
- 4 - Install new airbag unit in vehicle.

1.4 Additional safety regulations for side airbag

- ◆ Under no circumstances may seat covers be fitted which have not been specifically approved for use on Volkswagen seats with side airbags.
- ◆ The backrest padding must not be cut out in the area of the side airbag.
- ◆ When installing, make sure the seam for the side airbag is straight.
- ◆ All padding clips (metal and plastic clips) must be renewed.
- ◆ When installing, all padding clips must be fitted in the same positions as the original ones.
- ◆ If the seat cover fabric is damaged (tears, burn marks, etc.) in the vicinity of the side airbag, the cover must always be replaced for safety reasons, as otherwise the side airbag will not inflate properly.
- ◆ Repairs may not be carried out on the backrest cover in the area of the side airbag (because of the special thread and precisely defined seam).
- ◆ Renew the backrest padding after the side airbags have been triggered.
- ◆ All damaged components must be renewed after an accident. The original airbag unit can still be used if no signs of damage are found.
- ◆ If side airbag units are renewed, the sticker for the airbag number must be removed from the new side airbag unit and stuck over the old sticker on the seat pan.
- ◆ Never poke upholstery needles or any other sharp objects through the seat cover fabric in the vicinity of the airbag, seat occupied sensor, front passenger side - G128- and the seat occupied sensor mat.

1.5 Seat belts

- ◆ 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.
- ◆ Belt tensioner units which are mechanically damaged (dents, fractures) must always be renewed.



- ◆ Never point open end of belt tensioner at another person.
- ◆ 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!

1.6 Safety regulations for crash sensors (pressure sensors) for front side airbags

The side airbag crash sensors respond to changes in pressure and must therefore be treated with particular caution. Please observe the following points:

- ◆ The correct installation position is vitally important: install only in the specified location in the door.
- ◆ Protect the crash sensor against mechanical shocks and impacts: any crash sensors which have been dropped must no longer be used. Remove the crash sensor when carrying out bodywork on the door.
- ◆ The crash sensor is matched to the volume of air inside the door: deformation of the door, resulting in a reduction in the air space in the door, impairs the function of the crash sensor.
- ◆ Avoid any major soiling of the crash sensor: do not use compressed air in the vicinity of the crash sensor. Protect the crash sensor against swarf from filing or drilling (example, during retrofitting of door speakers). Do not use cavity sealants or spray oil in the vicinity of the crash sensor.
- ◆ Protect against heat/cold: avoid heat effects, for example during spray painting or other body shop operations. The crash sensors must not be exposed to temperatures below -40°C (for example in non-air-conditioned aircraft holds).
- ◆ The crash sensor must be protected against humidity during storage and installation.

For the crash sensor to function properly, it is vital to ensure that the door forms an effective seal after being fitted. Please observe the following points:

- ◆ All components (e.g. cover, speakers, door trim) must be correctly fitted.
- ◆ The door trim retaining clips seal the system. If necessary, renew retaining clips.

1.7 Renewing pyrotechnic, electrical and mechanical components of the restraint system after an accident

Special tools and workshop equipment required

- ◆ Vehicle diagnostic tester

The airbag control unit must be renewed:

- ◆ If the display "Control unit defective" appears when the event memory is read



- ◆ After 3 deployments of the side airbag/driver airbag/front passenger airbag and/or belt tensioner
- ◆ In the event of damage to the housing
- ◆ In the event of deformation to the funnel within a 200 mm radius of the control unit

Always renew the following:

- ◆ All triggered airbag units.

Additionally, in the event of the front passenger airbag being triggered:

- ◆ Dash panel
- ◆ Supports of front passenger airbag unit which have been bent out of shape (must not be bent back into shape)
- ◆ All sensors for front airbag at front end
- ◆ Remaining sensors for lateral acceleration in event of deformation of attachment points in vicinity of sensors

Additionally, in the event of the driver airbag being triggered:

- ◆ Return spring with slip ring
- ◆ All sensors for front airbag at front end
- ◆ Remaining sensors for lateral acceleration in event of deformation of attachment points in vicinity of sensors

Additionally, in the event of the side airbag being triggered:

- ◆ Pressure sensors on the triggered side
- ◆ Lateral acceleration sensors on the side affected
- ◆ Seat cover
- ◆ Padding
- ◆ In case of foldable backrest: side padding (if fitted)
- ◆ Remaining sensors for lateral acceleration in event of deformation of attachment points in vicinity of sensors

Additionally:

- ◆ All belt inertia reels with triggered belt tensioners
- ◆ All belt inertia reels with triggered belt tensioners
- ◆ Belt buckles for all belt inertia reels with triggered belt tensioners and seat belt engaged
- ◆ Belt height adjuster (mechanical and electrical) for all belt inertia reels with triggered belt tensioners and seat belt engaged
- If you suspect that belt tensioners or belt force limiters have been triggered, connect a vehicle diagnostic tester .
- Under “15 - Airbag” in »Guided Fault Finding« check whether there is a crash entry logged for the airbag control unit.
- At the same time check whether the “Resistance too high” fault is also logged for belt tensioners and/or belt force limiters. Triggered belt tensioners and/or belt force limiters have to meet both conditions. “Prerequisite: The airbag control unit has not yet been renewed”.



Note

- ◆ The "Resistance too high" fault can also be logged in the event of a cable break. Under normal circumstances, no crash entry is then logged.
- ◆ Depending on the crash intensity, it is possible that the belt tensioner was triggered but »NOT« the belt force limiter. Observe notes on disposal of pyrotechnic components [⇒ page 2](#).
- ◆ In addition, observe "Inspecting seat belts" [⇒ page 6](#).
- If parts of the belt system are removed because of an accident, the belt system bolts must be renewed.
- In addition, the following must also be replaced if necessary (visual check): all damaged components.
- After renewing the airbag units or the control unit, affix stickers (only tear-off strips) to the registration card and return the registration card to the responsible Sales Centre or to the Importer for registration.

1.8 Checking airbag securing parts after an accident

All damaged securing parts must always be renewed. It is not permissible to bend the components back into shape or »make them fit«

The following components must be checked after the relevant airbag has been triggered.

In the event of the front passenger airbag being triggered:

- ◆ Central tube for dash panel; it must be possible to install the supports for the front passenger airbag and front passenger airbag unit tension-free. Otherwise the central tube must also be renewed.
- ◆ Check the glove compartment for damage. If damaged, it must be renewed.

In the event of the driver airbag being triggered:

- ◆ Steering wheel: remove the steering wheel and place on a flat surface together with the steering collar. The full face of the steering collar must be in contact with the flat surface. Otherwise the steering wheel must be renewed.
- ◆ Check steering wheel for smoke residues. If any smoke residues are found, the steering wheel must be renewed.

1.9 Accident without airbag triggering

- ◆ If the airbag warning lamp - K75- does not indicate a fault, there is no requirement to replace pyrotechnic components. The seat belts should be checked separately.

1.10 Checking 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.



Points to check

- ◆ Check belt webbing ⇒ [page 7](#) .
- ◆ Check inertia reel (locking mechanism) ⇒ [page 8](#) .
- ◆ Visually check belt buckle ⇒ [page 8](#) .
- ◆ Check operation of belt buckle ⇒ [page 8](#) .
- ◆ Check belt guide fittings and latch plates ⇒ [page 9](#) .
- ◆ Check securing parts and anchorage points ⇒ [page 9](#) .



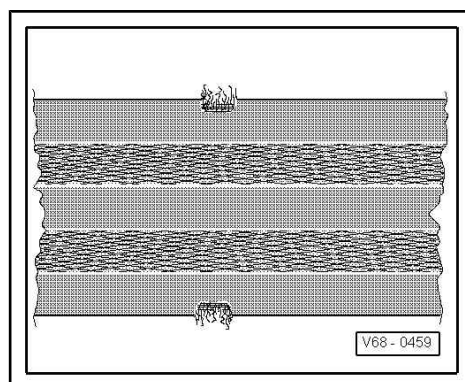
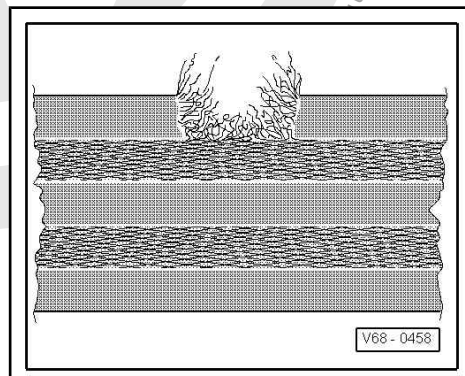
Caution

If the customer refuses to have a damaged seat belt renewed, an appropriate comment should be made in the service notes.

1.11 Check belt webbing

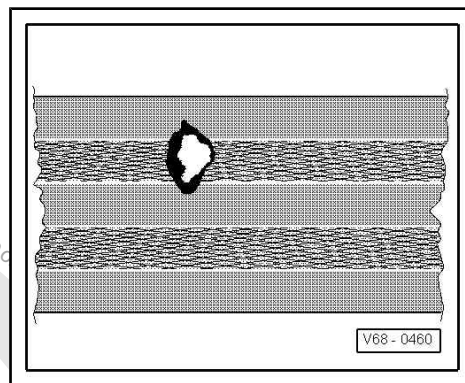
Sequence of operations

- Pull belt completely out of inertia reel or lap belt adjustment plate.
- Check belt webbing for soiling, and if necessary wash with a mild soapy solution ⇒ Owner's Manual .





- If either of the types of damage illustrated below (1 and 2) are determined on accident vehicle, renew entire seat belt together with belt buckle.
- If damage as illustrated under points 1, 2 or 3 is determined on a vehicle which has not been involved in an accident, it is sufficient to renew damaged belt only.
- 1 - Belt webbing cut, torn or chafed.
- 2 - Torn webbing loops on belt edge.
- 3 - Burns caused by cigarettes or similar.



1.12 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 the reel (belt extension acceleration).

Test 1

- Pull belt out of inertia reel with firm jerk.
- Will not lock - 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).

Test 2



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.

- 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.

1.13 Visually checking belt buckle

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

1.14 Check operation of belt buckle

Checking belt buckle

- Push buckle tongue into belt buckle until it engages audibly. Check whether locking mechanism is properly engaged by pulling firmly on belt webbing.
- If buckle tongue 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 buckle tongue 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.

1.15 Checking belt relays, and buckle tongues

Plastic-coated fittings 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.

1.16 Checking securing parts and anchorage points after an accident

- ◆ Latch plate deformed (stretched)
- ◆ Height adjustment does not function.
- ◆ Anchorage points (seat, pillars, underbody) distorted or thread damaged
- If damage is determined on these parts, renew seat belt complete with belt buckle.
- If parts of the belt system are removed because of an accident, the belt system securing bolts must be renewed.
- Renew anchorage points.



Note

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

1.17 Checking child seat anchors after an accident

Points to check

- ◆ Child seat anchors must be checked for damage and deformation after an accident.
- ◆ Child seat anchors welded to the body or the seats/backrests or bolted in place may not be repaired or straightened.
- ◆ Child seat anchors bolted to the body or the seats/backrests must be renewed in the event of damage or deformation.



- ◆ Child seat anchor securing bolts must be renewed if the bracket is damaged.



68 – Interior equipment

1 Compartments/covers

⇒ [“1.1 Overview of fitting locations - storage compartments/covers”, page 11](#)

⇒ [“1.2 Assembly overview - driver side dash panel cover”, page 13](#)

⇒ [“1.3 Assembly overview - steering column trim”, page 14](#)

⇒ [“1.4 Assembly overview - glove compartment”, page 15](#)

⇒ [“1.5 Assembly overview - handbrake lever trim”, page 16](#)

⇒ [“1.6 Removing and installing dash panel cover on driver side”, page 16](#)

⇒ [“1.7 Releasing and fastening gap cover for dash panel insert”, page 17](#)

⇒ [“1.8 Removing and installing upper steering column trim”, page 18](#)

⇒ [“1.9 Removing and installing lower steering column trim”, page 18](#)

⇒ [“1.10 Removing and installing glove compartment opener”, page 19](#)

⇒ [“1.11 Removing and installing glove compartment”, page 20](#)

⇒ [“1.12 Removing and installing dash panel cover on front passenger side”, page 21](#)

⇒ [“1.13 Removing and installing damper element for glove compartment lid”, page 22](#)

⇒ [“1.14 Removing and installing handbrake lever boot”, page 22](#)

1.1 Overview of fitting locations - storage compartments/covers



1 - Dash panel

- ☐ Dash panel
⇒ [page 100](#)

2 - Dash panel cover on front passenger side/glove compartment

- ☐ Depending on equipment
- ☐ Assembly overview - glove compartment
⇒ [page 15](#)
- ☐ Removing and installing dash panel cover on front passenger side
⇒ [page 21](#)

3 - Centre console

- ☐ Centre console
⇒ [page 28](#)

4 - Handbrake lever trim

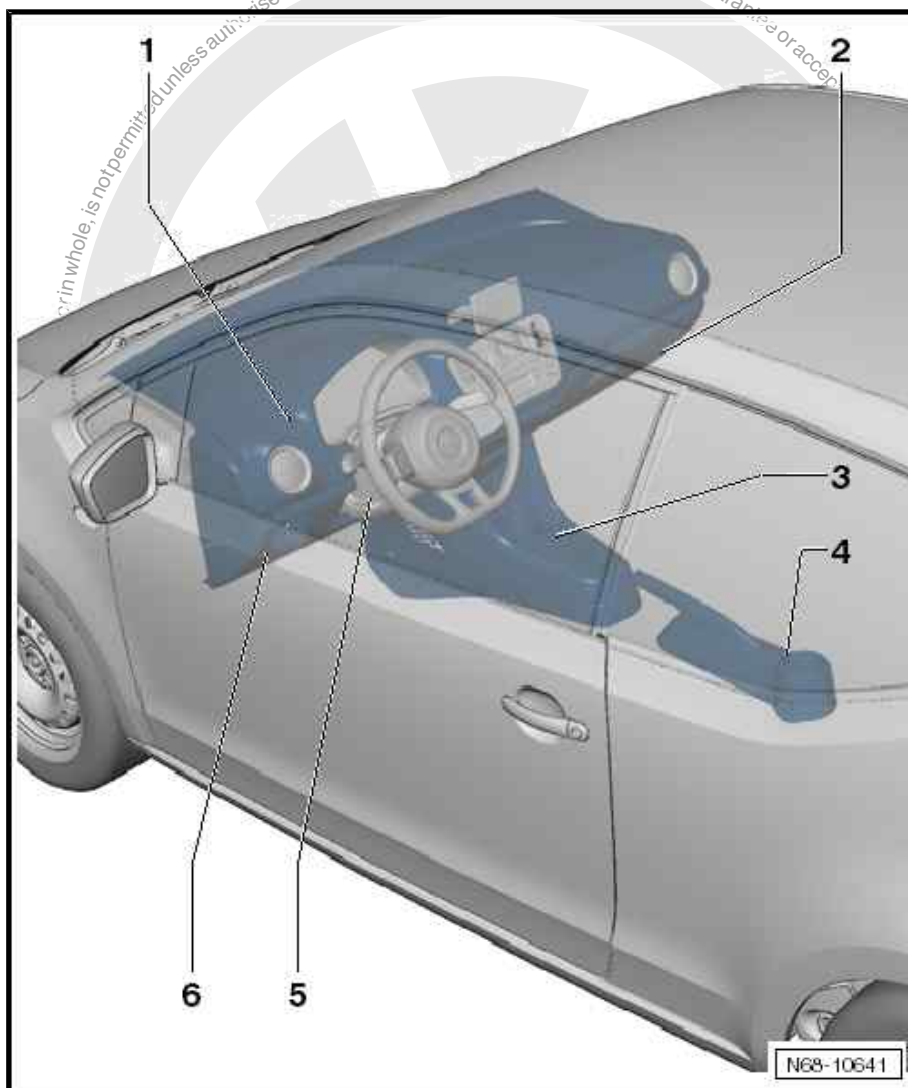
- ☐ Assembly overview - handbrake lever trim
⇒ [page 16](#)

5 - Steering column trim

- ☐ Assembly overview - steering column trim
⇒ [page 14](#)

6 - Driver side dash panel cover

- ☐ Assembly overview - driver side dash panel cover
⇒ [page 13](#)



1.2 Assembly overview - driver side dash panel cover

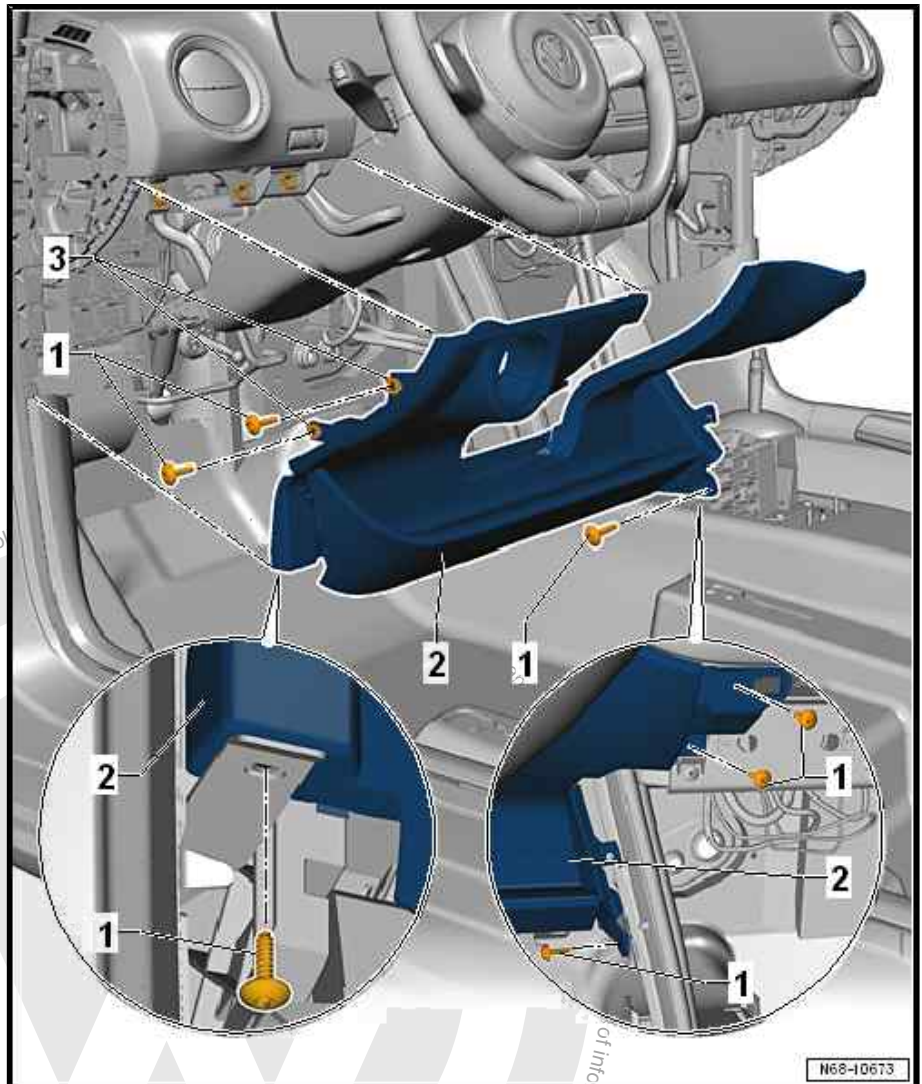
1 - Bolt

- ☐ Qty. 6
- ☐ 1.5 Nm

2 - Driver side dash panel cover

- ☐ With or without storage compartment (depending on vehicle equipment)
- ☐ Removing and installing
⇒ [page 16](#)

3 - Snap-on nut





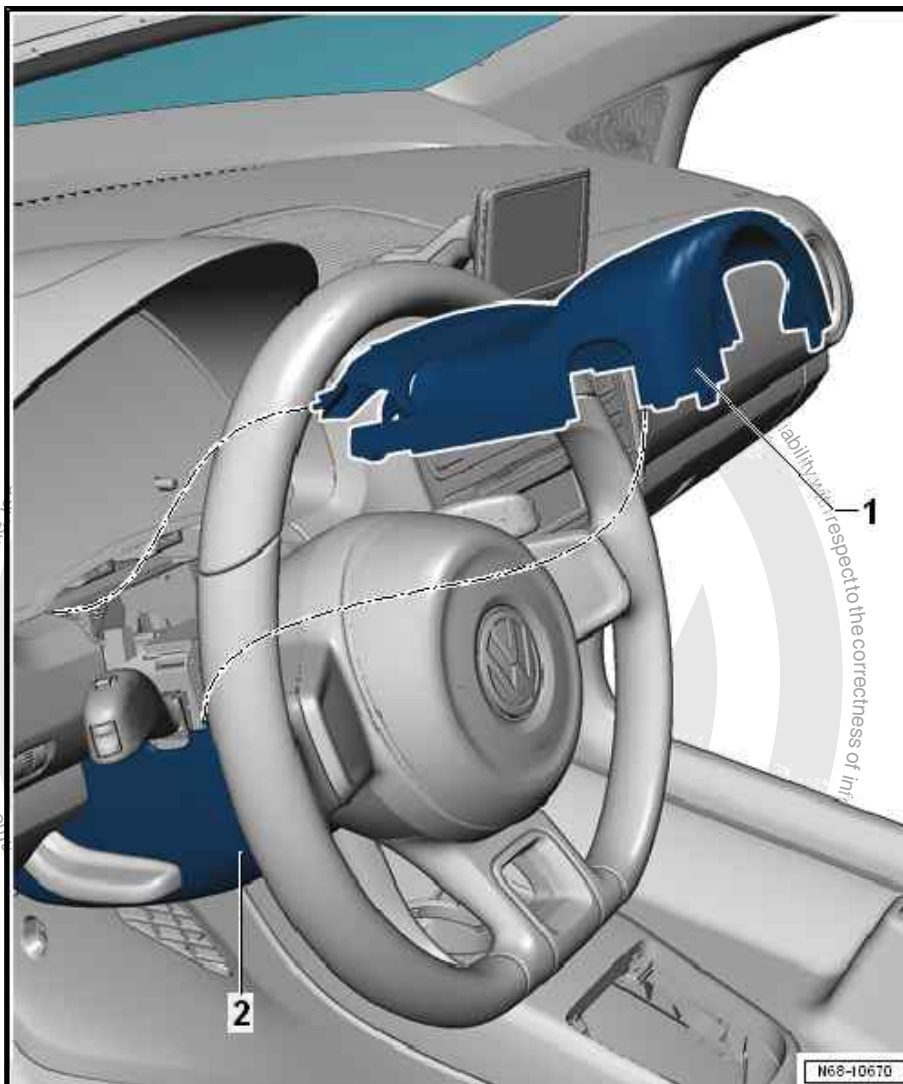
1.3 Assembly overview - steering column trim

1 - Upper steering column trim

- ❑ Removing and installing
⇒ [page 18](#)
- ❑ With gap cover for dash panel insert
- ❑ Releasing and fastening gap cover for dash panel insert
⇒ [page 17](#)

2 - Lower steering column trim

- ❑ Removing and installing
⇒ [page 18](#)



1.4 Assembly overview - glove compartment

1 - Glove compartment

- ❑ Removing and installing
⇒ [page 20](#)

2 - Glove compartment cover brake element

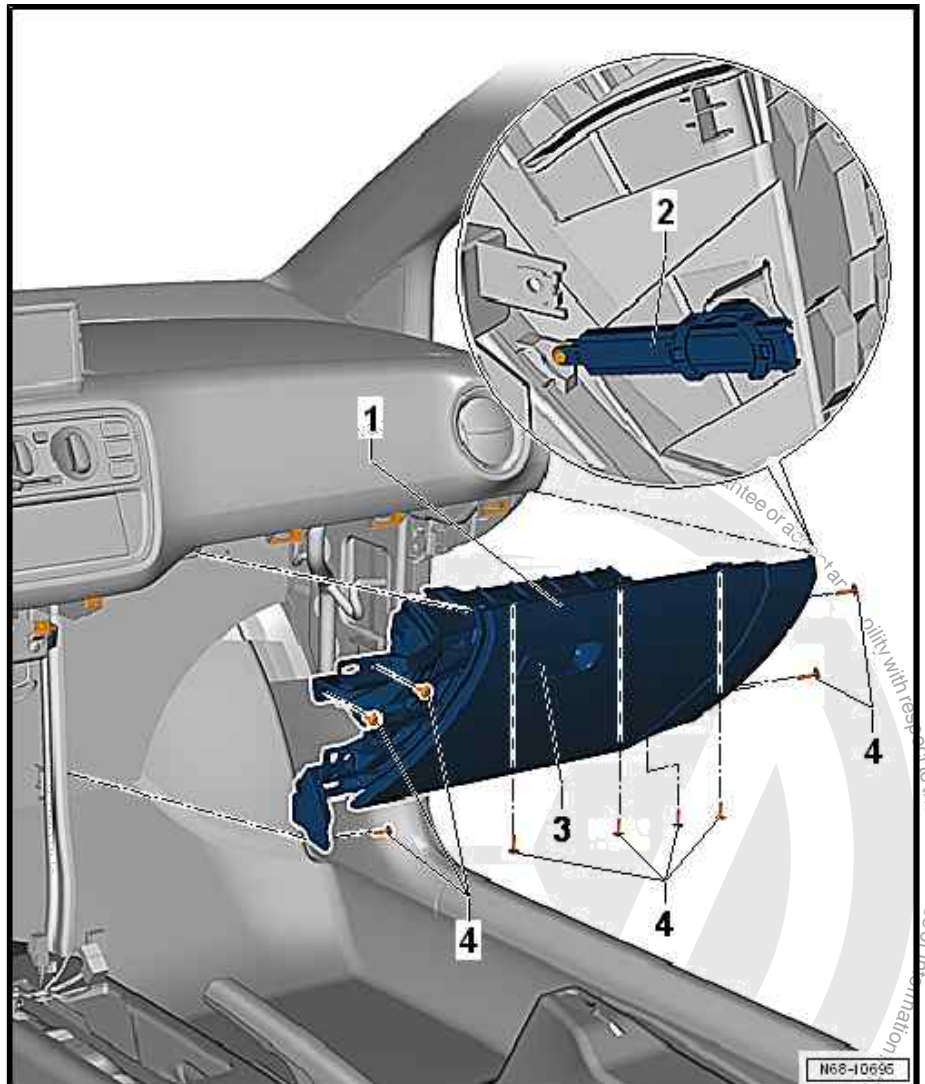
- ❑ Removing and installing
⇒ [page 22](#)

3 - Glove compartment opener

- ❑ Removing and installing
⇒ [page 19](#)

4 - Bolt

- ❑ Qty. 9
- ❑ 1.5 Nm





1.5 Assembly overview - handbrake lever trim

1 - Cover

2 - Bolt

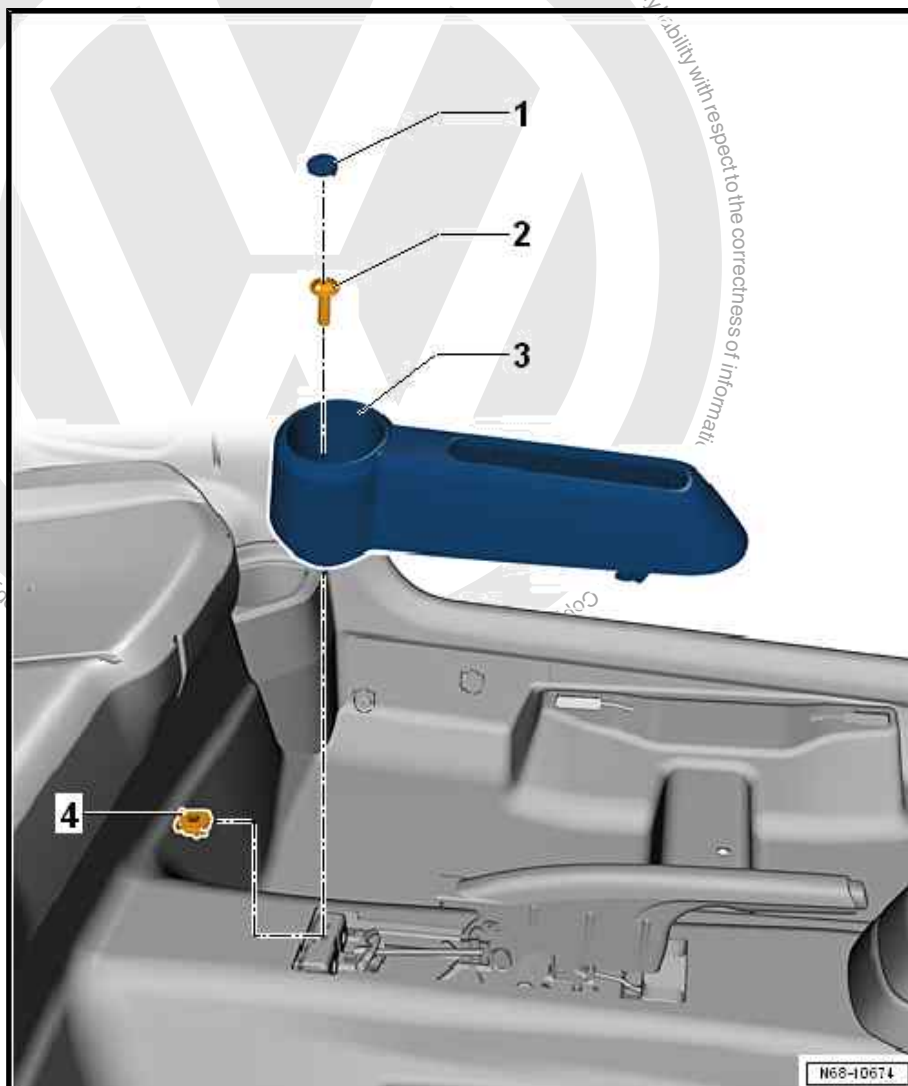
□ 1.5 Nm

3 - Handbrake lever boot

□ Removing and installing

⇒ [page 22](#)

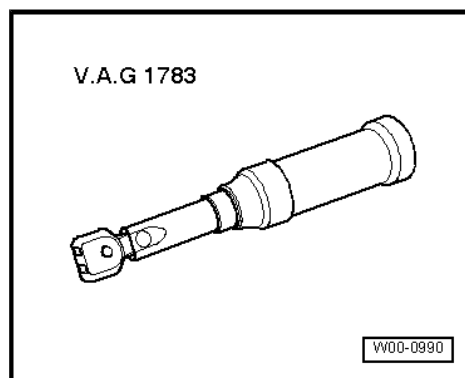
4 - Snap-on nut



1.6 Removing and installing dash panel cover on driver side

Special tools and workshop equipment required

◆ Torque wrench - V.A.G 1783-



Removing

– Remove dash panel end cover on driver side ⇒ [page 100](#) .



- Remove light switch - E1- ➔ Electrical system; Rep. gr. 96 ; Lights and controls in dash panel; Removing and installing light switch .
- Remove centre console ➔ [page 29](#) .
- Remove lower A-pillar trim on driver side ➔ [page 127](#) .
- Unscrew bolts -1-.
- Remove dash panel cover on driver side -2- from dash panel.

Installing

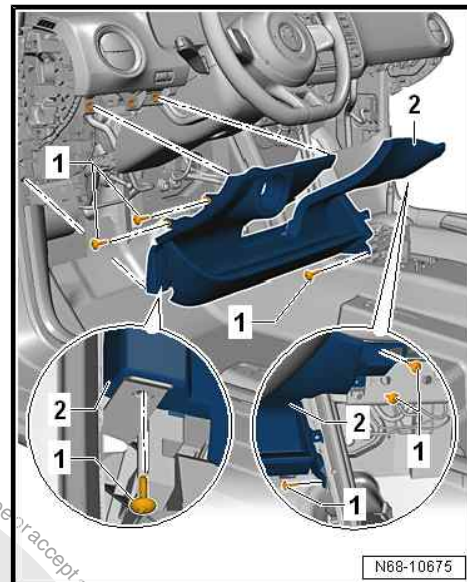
If for an e-up! 2014➤ the dash panel cover on the driver side is renewed, a noise insulation must be bonded on the new part on the side towards the inside of the dash panel. Use the dimensions of the old part when cutting the new noise insulation.



Note

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

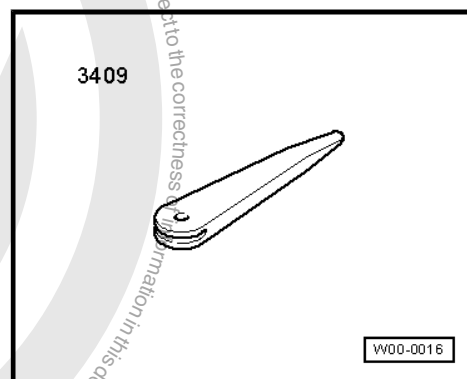
- Installation is carried out in the reverse sequence of removal.



1.7 Releasing and fastening gap cover for dash panel insert

Special tools and workshop equipment required

- ◆ Removal wedge - 3409-



Releasing

- Release locking lever of steering wheel positioner.
- Push steering column down as far as it will go and secure.



- Release gap cover for dash panel insert -1- from mountings on dash panel insert, using removal wedge - 3409- .

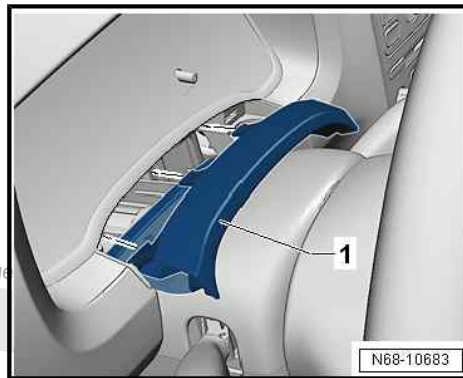
Securing



Note

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

- Installation is carried out in the reverse sequence of removal.



1.8 Removing and installing upper steering column trim

Removing

- Release gap cover for dash panel insert ➔ [page 17](#) .
- Release and remove upper steering column trim -1- with gap cover for dash panel insert.

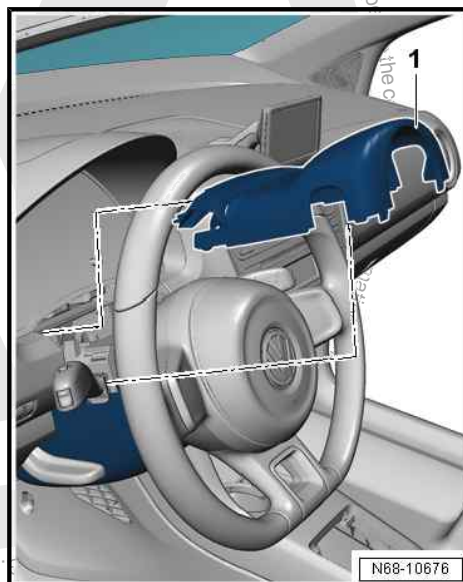
Installing



Note

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

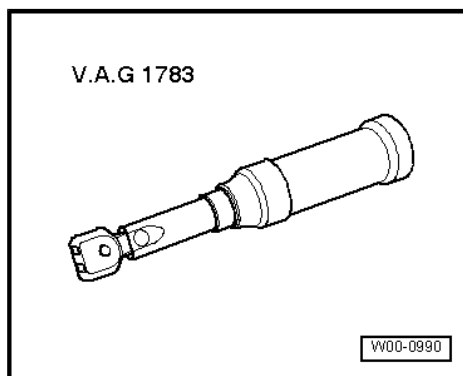
- Installation is carried out in the reverse sequence of removal.



1.9 Removing and installing lower steering column trim

Special tools and workshop equipment required

- ♦ Torque wrench - V.A.G 1783-



Removing

- Remove upper steering column trim ➔ [page 18](#) .



- Remove airbag unit with igniter ➔ [page 61](#) .
- Remove steering wheel ➔ Running gear, axles, steering; Rep. gr. 48 ; Steering wheel; Removing and installing steering wheel .
- Withdraw ignition key.
- Unscrew bolts -1- from lower steering column trim -2- (1.5 Nm).
- Unscrew bolt -3- from lower steering column trim -2- (3 Nm).
- Release lower steering column trim -2- and remove it from steering column.

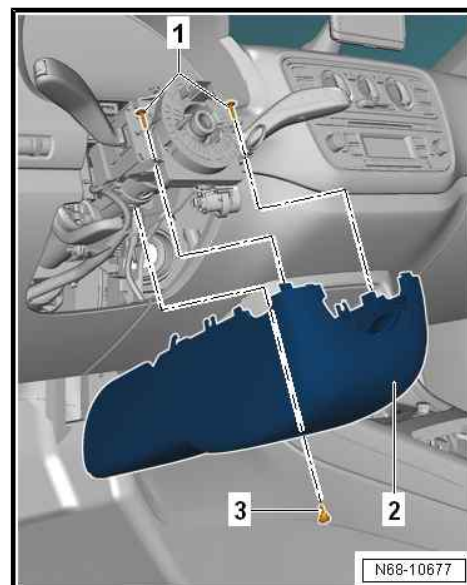
Installing



Note

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

- Installation is carried out in the reverse sequence of removal.



110 Removing and installing glove compartment opener



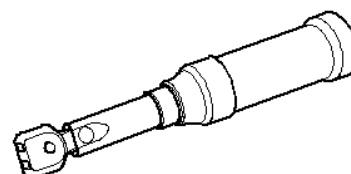
Note

- ◆ *It is not possible to remove the lock cylinder separately.*
- ◆ *Only the release button of the glove compartment opener can be renewed.*

Special tools and workshop equipment required

- ◆ Torque wrench - V.A.G 1783-

V.A.G 1783

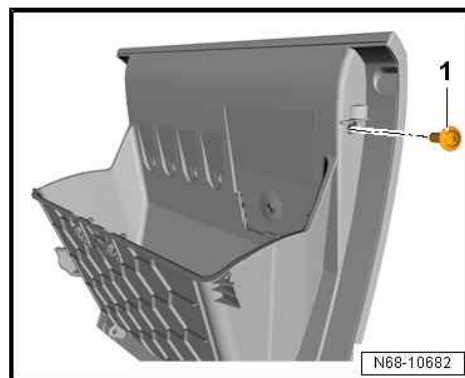


W00-0990



Removing

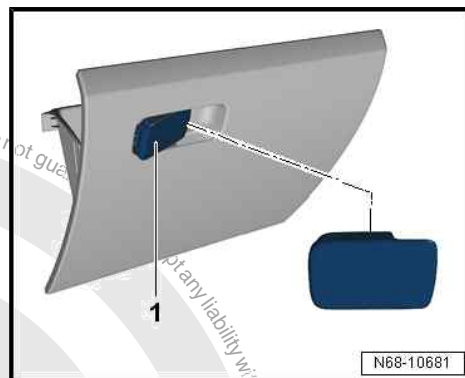
- Open glove compartment.
- Remove bolt -1- from glove compartment lid (1.5 Nm).



- Remove release button -1- from glove compartment lid.

Installing

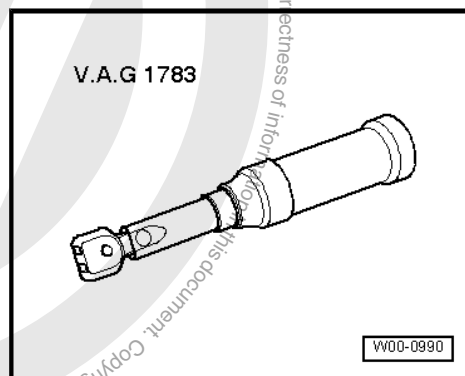
- Installation is carried out in the reverse sequence of removal.



1.11 Removing and installing glove compartment

Special tools and workshop equipment required

- ◆ Torque wrench - V.A.G 1783-



Removing

- Remove centre console ➔ [page 29](#) .
- Remove dash panel end cover on front passenger side
➔ [page 100](#) .
- Remove lower A-pillar trim on front passenger side
➔ [page 128](#) .



- Open glove compartment lid and unscrew bolts -1-, then close glove compartment lid.
- Unscrew remaining bolts -3- (1.5 Nm).
- Release and remove glove compartment -2- from dash panel.

Installing

If for an e-up! 2014 ➤ the glove compartment is renewed, a noise insulation must be bonded on the new part on the dash panel side of the glove compartment. Use the dimensions of the old part when cutting the new noise insulation.

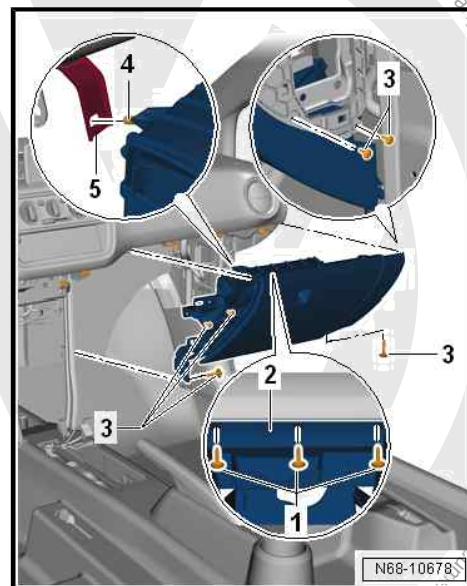


Note

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

Install in the reverse order of removal observing the following:

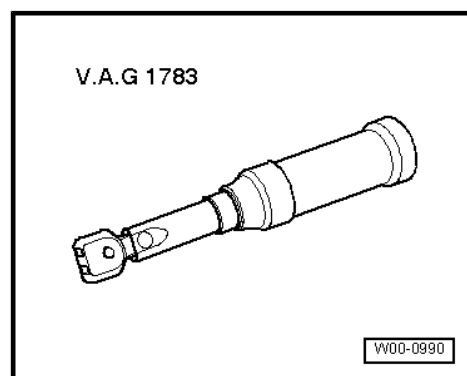
- Insert centring pin -4- into mounting -5-.



1.12 Removing and installing dash panel cover on front passenger side

Special tools and workshop equipment required

- ◆ Torque wrench - V.A.G 1783-



Removing

- Remove centre console ➔ [page 29](#) .
- Remove dash panel end cover on front passenger side ➔ [page 100](#) .
- Remove lower A-pillar trim on front passenger side ➔ [page 128](#) .



- Unscrew bolts -1- (1.5 Nm).
- Release and remove dash panel cover on front passenger side -2- from dash panel.

Installing

If for an e-up! 2014 ➤ the dash panel cover on the driver side is renewed, a noise insulation must be bonded on the new part on the side towards the inside of the dash panel. Use the dimensions of the old part when cutting the new noise insulation.

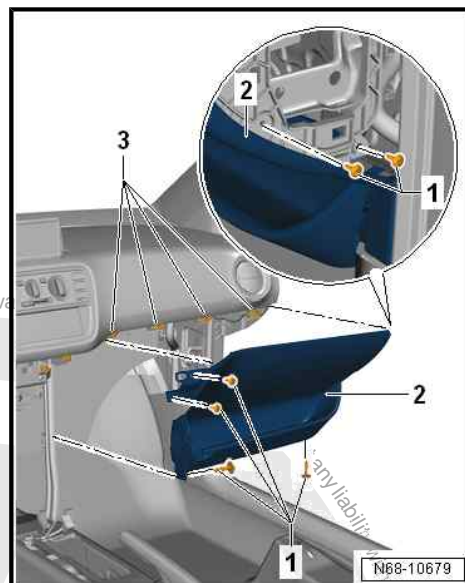


Note

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

Install in the reverse order of removal observing the following:

- All mountings for dash panel cover on front passenger side must be properly engaged in retaining clips -3- in dash panel.



1.13 Removing and installing damper element for glove compartment lid

Removing

- Remove glove compartment ⇒ [page 20](#).
- Withdraw hinge pin -1-.
- Release damper element for glove compartment lid -2- by turning anti-clockwise -arrow- and remove it.

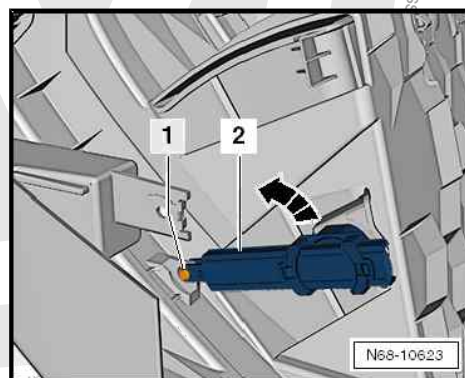
Installing



Note

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

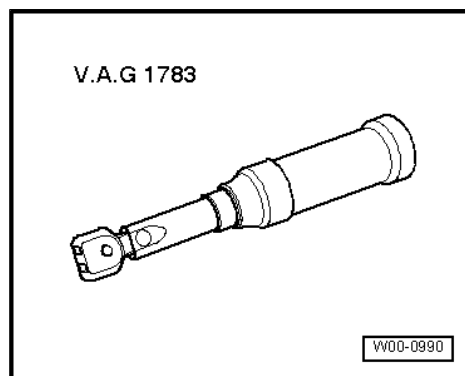
- Installation is carried out in the reverse sequence of removal.



1.14 Removing and installing handbrake lever boot

Special tools and workshop equipment required

- ♦ Torque wrench - V.A.G 1783-





i Note

To enable the procedure to be illustrated more clearly, the front seats are not shown in the following figures.

Removing

- Position handbrake lever in uppermost position.
- Remove cap -1- and unscrew bolt -2-.
- Raise handbrake lever trim -3- at rear and remove forwards over handbrake lever.

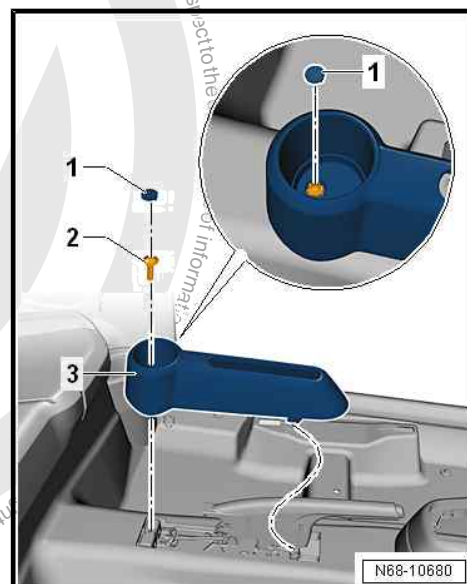
Installing

i Note

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

Install in the reverse order of removal observing the following:

- Position handbrake lever in uppermost position.
- Engage handbrake lever trim in body.





2 Equipment

⇒ [“2.1 Assembly overview - sun visors”, page 24](#)

⇒ [“2.2 Removing and installing sun visor”, page 24](#)

⇒ [“2.3 Removing and installing sun visor centre mount”, page 26](#)

⇒ [“2.4 Removing and installing roof grab handle”, page 26](#)

2.1 Assembly overview - sun visors



Note

- ◆ The assembly overview is shown for the driver side.
- ◆ The assembly overview for the front passenger side is analogous.

1 - Sun visor

- ❑ Removing and installing
⇒ [page 24](#)

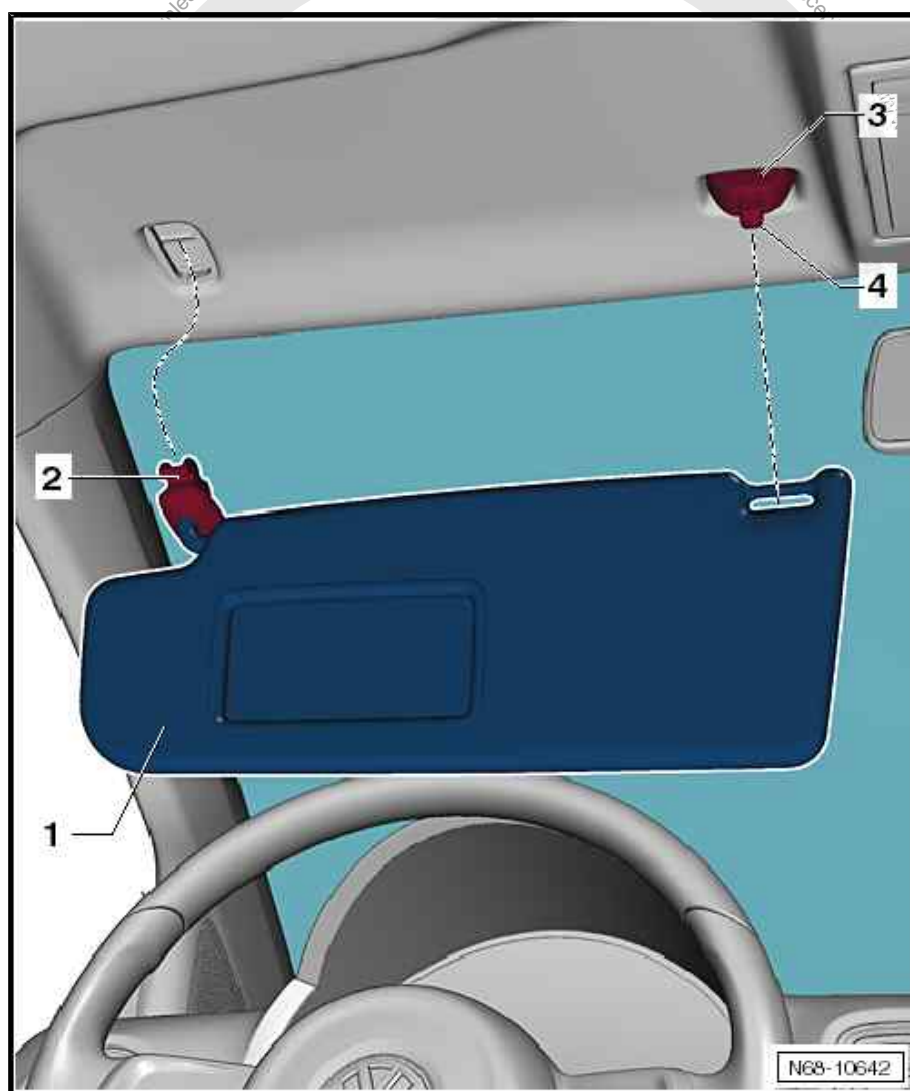
2 - Sun visor mount

- ❑ With cover/locking mechanism

3 - Cover

4 - Sun visor centre mount

- ❑ Removing and installing
⇒ [page 26](#)

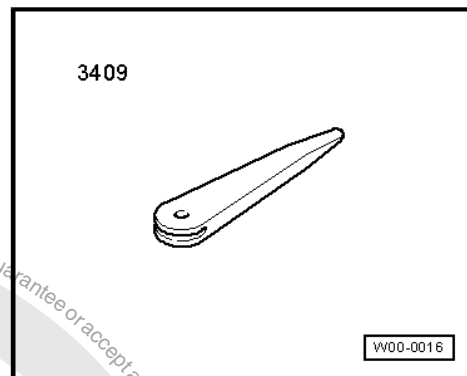


2.2 Removing and installing sun visor

Special tools and workshop equipment required



◆ Removal wedge - 3409-

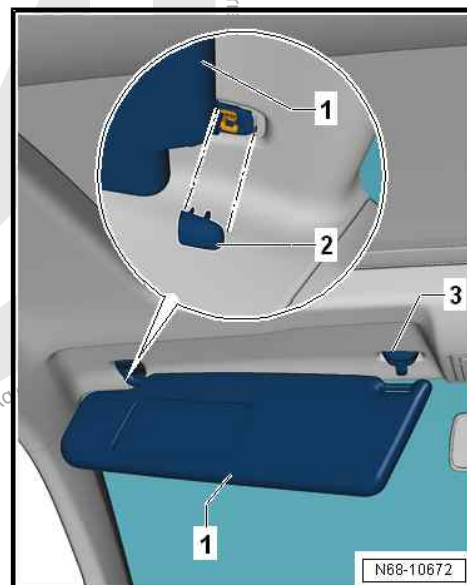


Note

Removal and installation is described for the driver side. Follow same instructions for the front passenger side as appropriate.

Removing

- Remove sun visor -1- from sun visor centre mount -3-.
- Release cover/locking mechanism -2- from sun visor mount using removing wedge - 3409- .



- Release retaining clip -1- and sun visor mount -2- from mounting in body using removing wedge - 3409- .
- Guide sun visor mount -2- out of mounting in body and remove sun visor -3-.

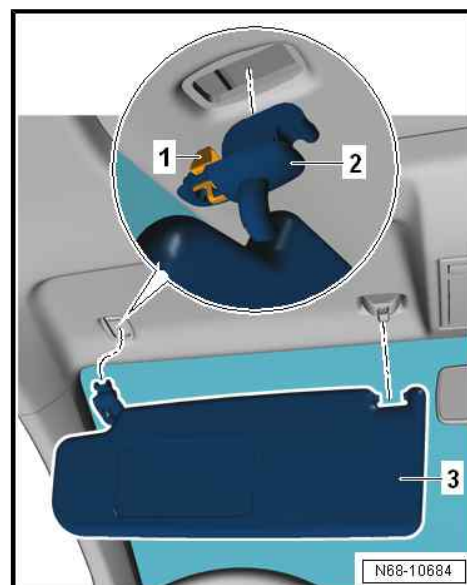
Installing



Note

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

- Installation is carried out in the reverse sequence of removal.

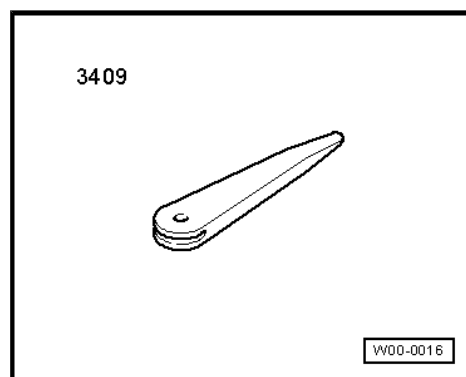




2.3 Removing and installing sun visor centre mount

Special tools and workshop equipment required

- ◆ Removal wedge - 3409-



Note

Removal and installation is described for the driver side. Follow same instructions for the front passenger side as appropriate.

Removing

- Release cap -2- using removing wedge - 3409- and remove it from sun visor centre mount -1-.



Note

The cap is also the locking mechanism for the sun visor centre mount.

- Remove sun visor centre mount -1- from mounting in body.

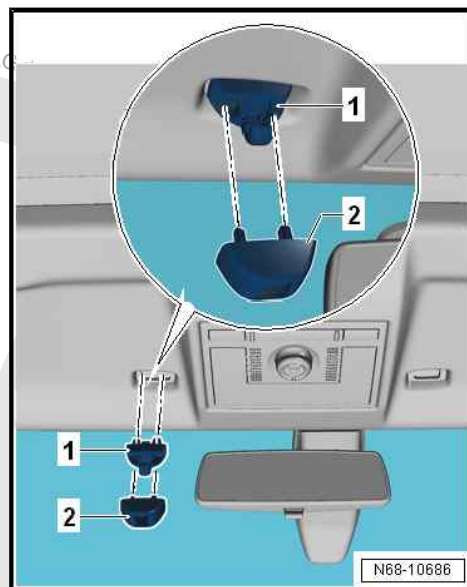
Installing



Note

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

- Installation is carried out in the reverse sequence of removal.

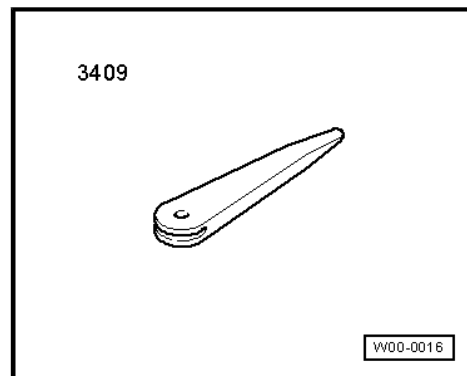


2.4 Removing and installing roof grab handle

Special tools and workshop equipment required



◆ Removal wedge - 3409-



Removing

- Fold down roof grab handle -1- and release caps -2- using removing wedge - 3409- .
- Pull out caps -2- as far as stop and release roof grab handle from mountings.



Note

Alternatively, it is possible to release the cover caps carefully with a screwdriver.

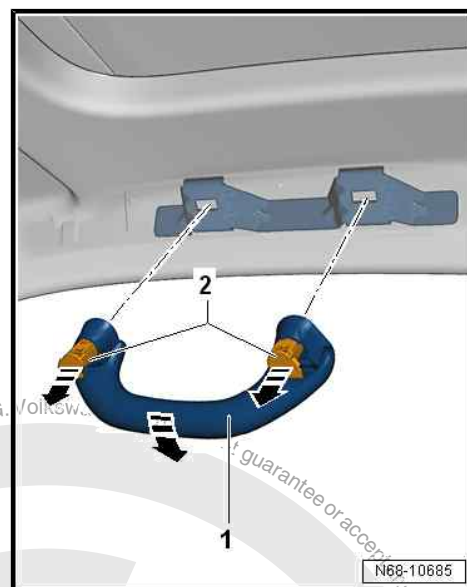
Installing



Note

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

- Installation is carried out in the reverse sequence of removal.



3 Centre console

⇒ [“3.1 Assembly overview - centre console”, page 28](#)

⇒ [“3.2 Removing and installing front ashtray”, page 29](#)

⇒ [“3.3 Removing and installing centre console”, page 29](#)

⇒ [“3.4 Removing and installing centre console decorative strip”, page 31](#)

⇒ [“3.5 Removing and installing centre console bracket”, page 33](#)

3.1 Assembly overview - centre console

1 - Centre console, upper part

- ☐ Removing and installing
⇒ [page 29](#)

2 - Centre console, lower part

- ☐ Removing and installing
⇒ [page 30](#)

3 - Front ashtray

- ☐ Removing and installing
⇒ [page 29](#)

4 - Switch module 1 in centre console EX23-

- ☐ Removing and installing
⇒ Electrical system;
Rep. gr. 96 ; Lights and controls in centre console





3.2 Removing and installing front ashtray

Removing

- Remove front ashtray -1- from centre console.

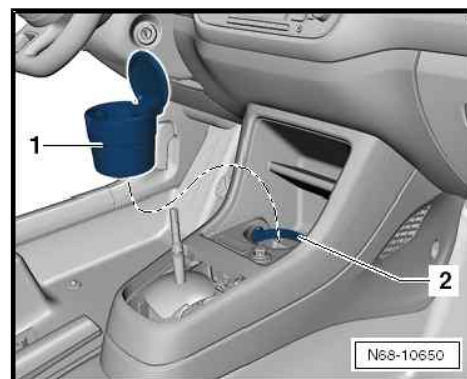
Installing

- Installation is carried out in the reverse sequence of removal.



Note

The clip -2- in the centre console must be flipped in the direction of travel before fitting the front ashtray -1-.



3.3 Removing and installing centre console

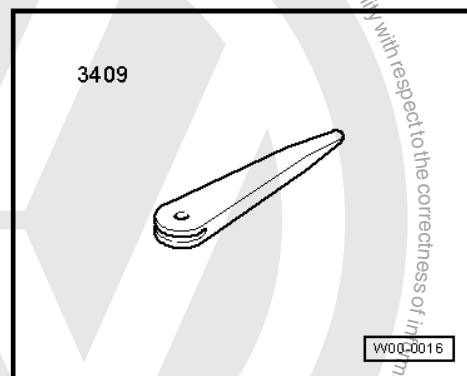
⇒ ["3.3.1 Removing and installing centre console upper part", page 29](#)

⇒ ["3.3.2 Removing and installing lower part of centre console", page 30](#)

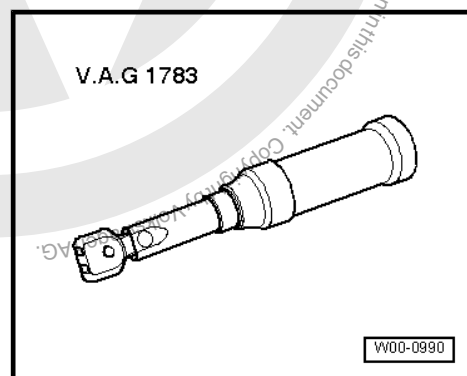
3.3.1 Removing and installing centre console upper part

Special tools and workshop equipment required

- ◆ Removal wedge - 3409-



- ◆ Torque wrench - V.A.G 1783-



Removing

- Switch off ignition and all electrical consumers, and withdraw ignition key.
- Remove centre console decorative strip ⇒ [page 31](#) .
- Position handbrake lever in uppermost position.



Vehicles with 5-speed manual gearbox 0CF

- Release boot of gear knob from upper part of centre console using removing wedge - 3409- and pull it upwards.

Vehicles with automated 5-speed manual gearbox 0CT

- Remove selector mechanism cover ⇒ Automated 5-speed manual gearbox 0CT; Rep. gr. 34 ; Selector mechanism; Removing and installing selector mechanism cover .

Continued for all vehicles

- Unscrew bolts -1- (1.5 Nm).
- Release upper part of centre console -4- from retaining clips -2- by pulling it towards rear.
- Disconnect connectors from switch module 1 in centre console - EX23- -3-, depending on vehicle equipment.
- Remove upper part of centre console -4- from lower part of centre console.

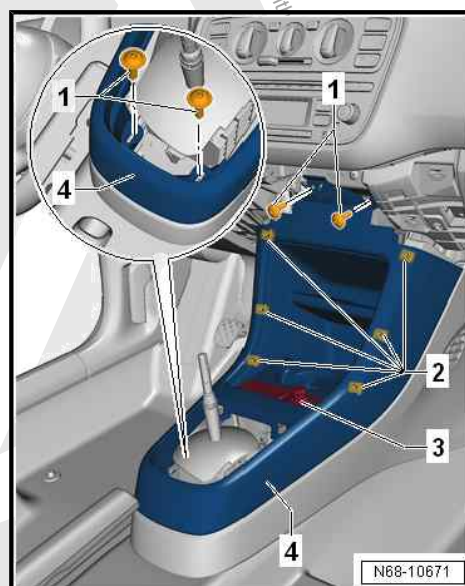
Installing

If for an e-up! 2014 ➤ the upper part of the centre console is renewed, bond a noise insulation to the inside of the new part. Use the dimensions of the old part when cutting the new noise insulation.



Note

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



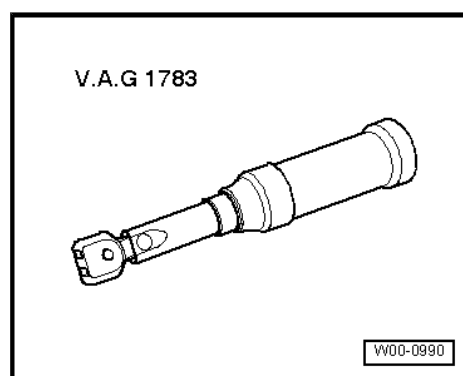
Install in the reverse order of removal observing the following:

- Fit upper part of centre console -4- on centring pins of lower part of centre console.
- Engage upper part of centre console -4- in retaining clips -2-.

3.3.2 Removing and installing lower part of centre console

Special tools and workshop equipment required

- ♦ Torque wrench - V.A.G 1783-



Removing

- Remove upper part of centre console ⇒ [page 29](#) .
- Position handbrake lever in uppermost position.



Vehicles without glove compartment

- Unscrew bolts -2- (1.5 Nm).

Continued for all vehicles

- Unscrew bolt -3- on right and left (1.5 Nm).
- Lift lower part of centre console -1- at rear in -direction of arrow- and remove it.

Installing

If for an e-up! 2014➤ the lower part of the centre console is renewed, bond a noise insulation to the inside of the new part. Use the dimensions of the old part when cutting the new noise insulation.



Note

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

- Installation is carried out in the reverse sequence of removal.

3.4 Removing and installing centre console decorative strip

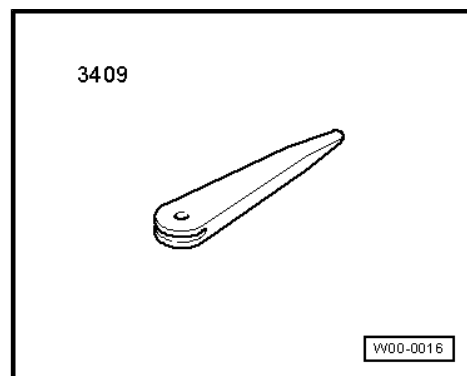
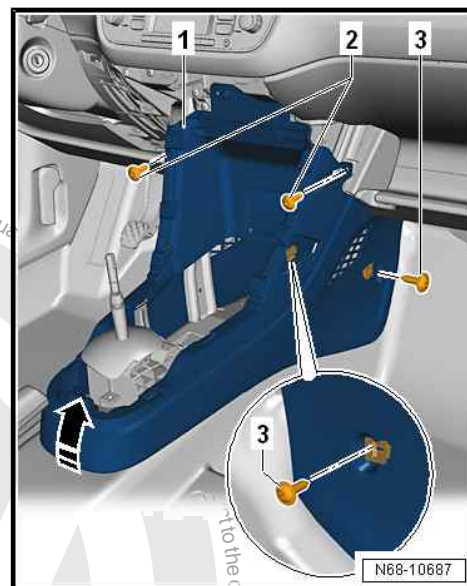
⇒ [“3.4.1 Removing and installing centre console decorative strip, vehicles without glove compartment”, page 31](#)

⇒ [“3.4.2 Removing and installing centre console decorative strip, vehicles with glove compartment”, page 32](#)

3.4.1 Removing and installing centre console decorative strip, vehicles without glove compartment

Special tools and workshop equipment required

- ◆ Removal wedge - 3409-





Removing

- Starting from top, release centre console decorative strip -1- from mountings in dash panel insert using removing wedge - 3409- .
- Remove centre console decorative strip -1- from dash panel.

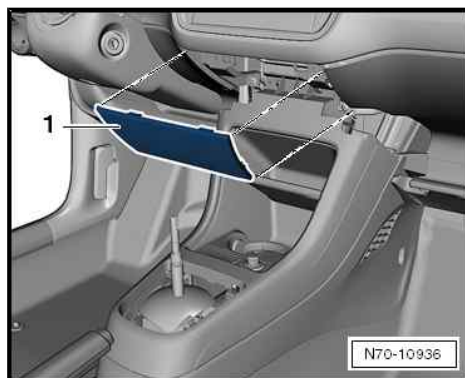
Installing



Note

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

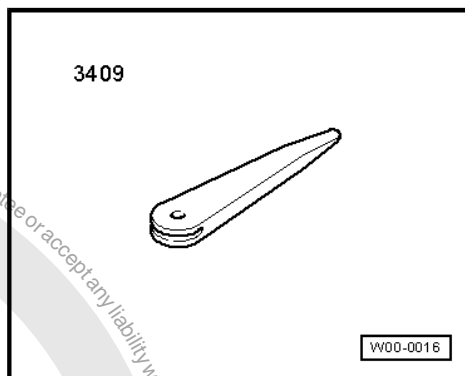
- Installation is carried out in the reverse sequence of removal.



3.4.2 Removing and installing centre console decorative strip, vehicles with glove compartment

Special tools and workshop equipment required

- ♦ Removal wedge - 3409-



Removing

- Starting from top, release centre console decorative strip -1- from mountings -2- in dash panel insert using removing wedge - 3409- .
- Remove centre console decorative strip -1- from dash panel.

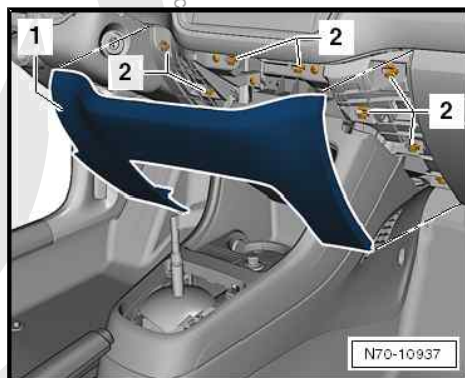
Installing



Note

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

- Installation is carried out in the reverse sequence of removal.





3.5 Removing and installing centre console bracket

⇒ ["3.5.1 Assembly overview - centre console bracket", page 33](#)

⇒ ["3.5.2 Removing and installing centre console bracket, middle", page 33](#)

⇒ ["3.5.3 Removing and installing rear centre console bracket", page 34](#)

3.5.1 Assembly overview - centre console bracket

1 - Front centre console bracket

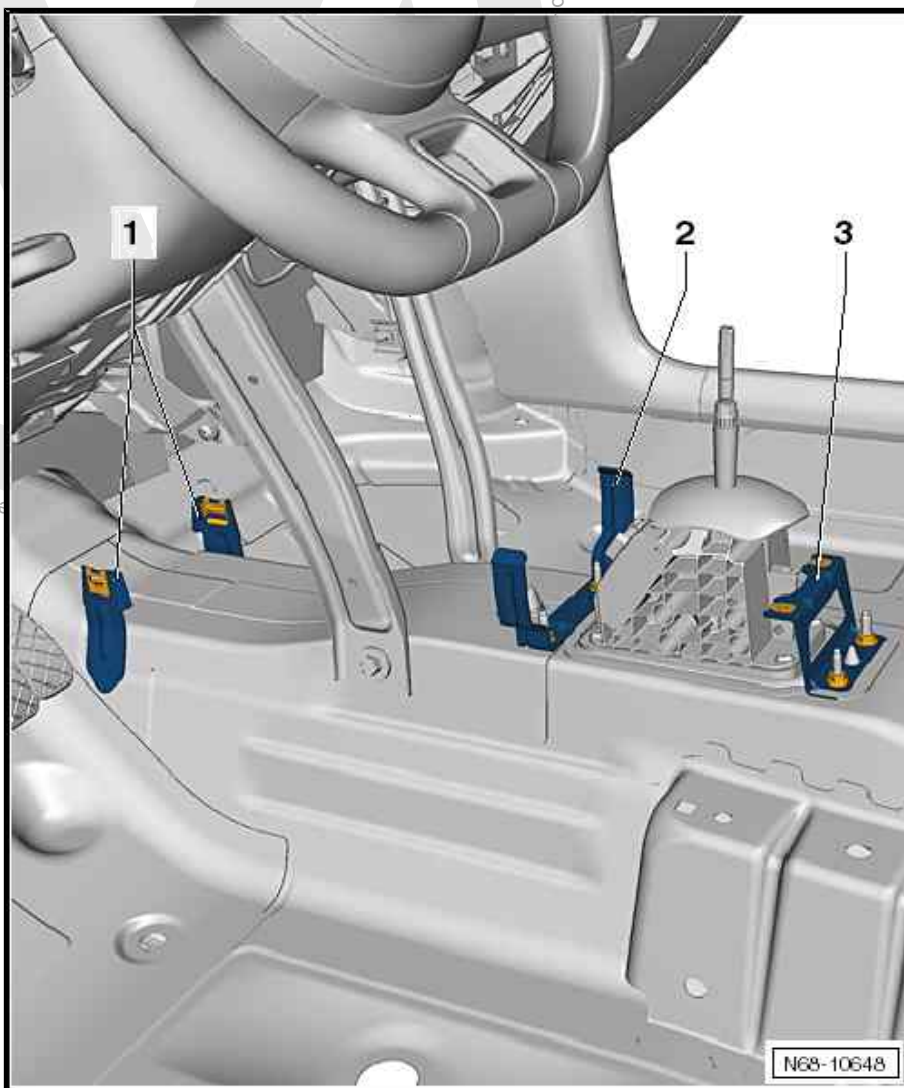
- ☐ Left and right
- ☐ Welded to body
- ☐ Check snap nuts for damage and renew if necessary

2 - Centre console bracket, middle

- ☐ Removing and installing
⇒ [page 33](#)

3 - Rear centre console bracket

- ☐ Removing and installing
⇒ [page 34](#)

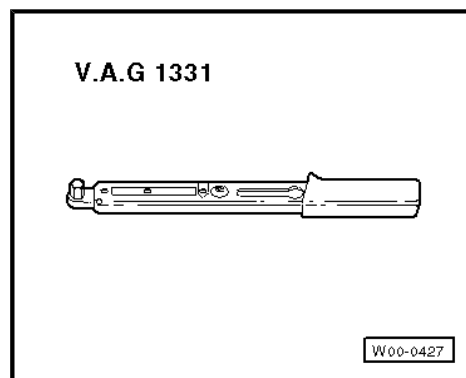


3.5.2 Removing and installing centre console bracket, middle

Special tools and workshop equipment required



- ◆ Torque wrench - V.A.G 1331-

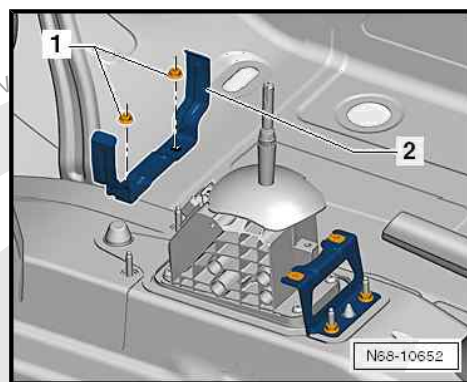


Removing

- Remove lower part of centre console ⇒ [page 30](#) .
- Unscrew nuts -1- (8.0 Nm).
- Remove centre console bracket, middle -2-.

Installing

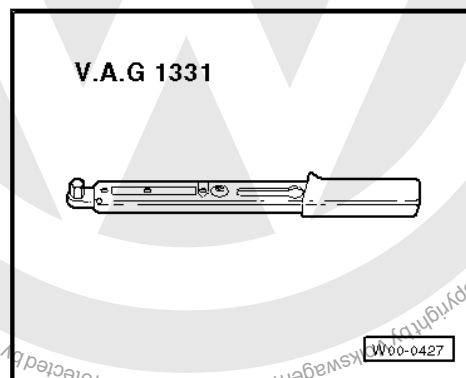
- Installation is carried out in the reverse sequence of removal.



3.5.3 Removing and installing rear centre console bracket

Special tools and workshop equipment required

- ◆ Torque wrench - V.A.G 1331-



Removing

- Remove lower part of centre console ⇒ [page 30](#) .



- Unscrew nuts -1- (8.0 Nm).
- Remove rear centre console bracket -2-.

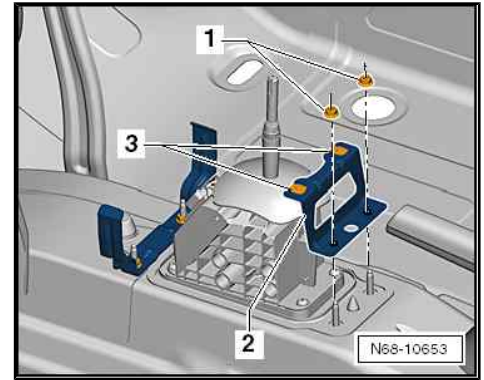
Installing



Note

Before installing, check snap nuts -3- for damage and renew if necessary.

- Installation is carried out in the reverse sequence of removal.





4 On inside

⇒ [“4.1 Assembly overview - interior mirror”, page 36](#)

⇒ [“4.2 Removing and installing interior mirror”, page 40](#)

⇒ [“4.3 Bonding retaining plate for interior mirror”, page 42](#)

4.1 Assembly overview - interior mirror

⇒ [“4.1.1 Assembly overview - interior mirror”, page 36](#)

⇒ [“4.1.2 Assembly overview - interior mirror, vehicles with emergency braking function sensor unit J939”, page 37](#)

⇒ [“4.1.3 Assembly overview - interior mirror, vehicles with humidity sender G355”, page 38](#)

⇒ [“4.1.4 Assembly overview - interior mirror, vehicles with emergency braking function and humidity sender G355”, page 39](#)

4.1.1 Assembly overview - interior mirror

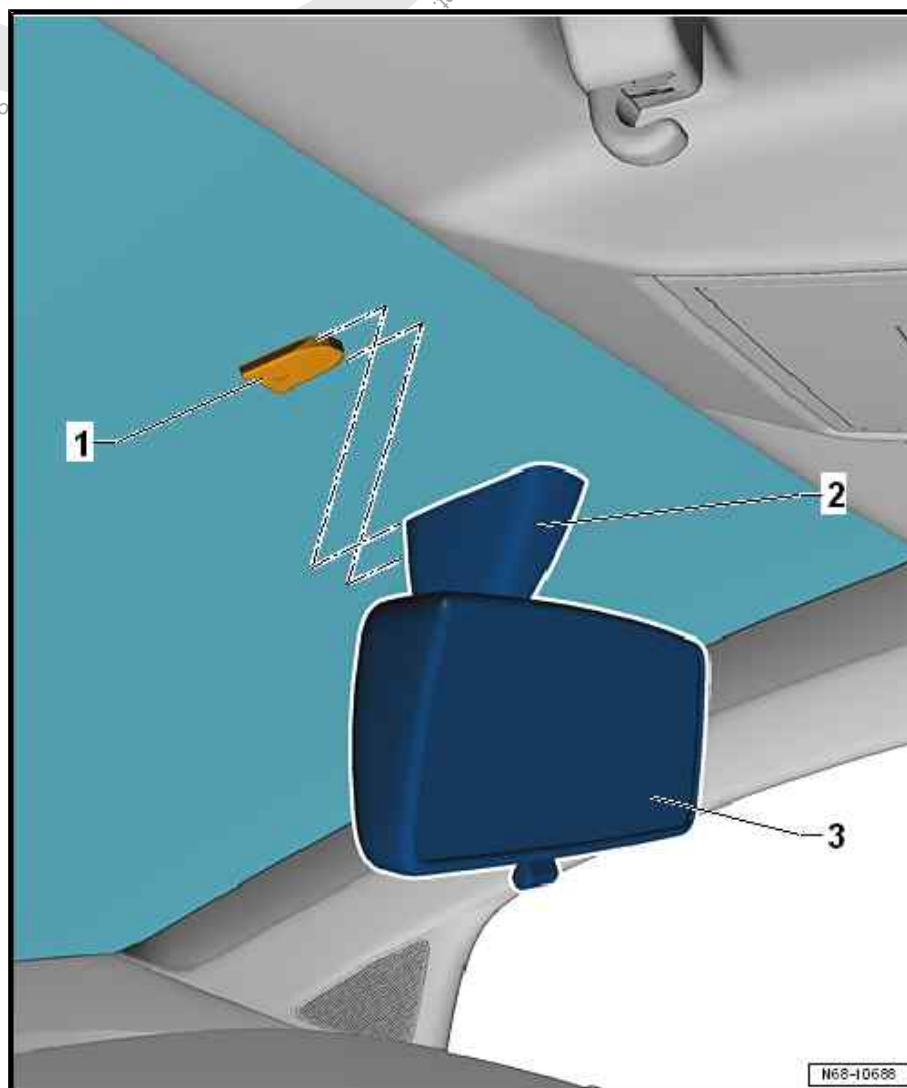
1 - Retaining plate

- ☐ For mirror base
- ☐ Bonded to windscreen
- ☐ Bonding retaining plate for interior mirror
⇒ [page 42](#)

2 - Mirror base

3 - On inside

- ☐ Removing and installing
⇒ [page 40](#)





4.1.2 Assembly overview - interior mirror, vehicles with emergency braking function sensor unit - J939-

1 - Retaining plate

- ☐ For mirror base
- ☐ Glued to windscreen
- ☐ Bonding retaining plate for interior mirror
⇒ [page 42](#)

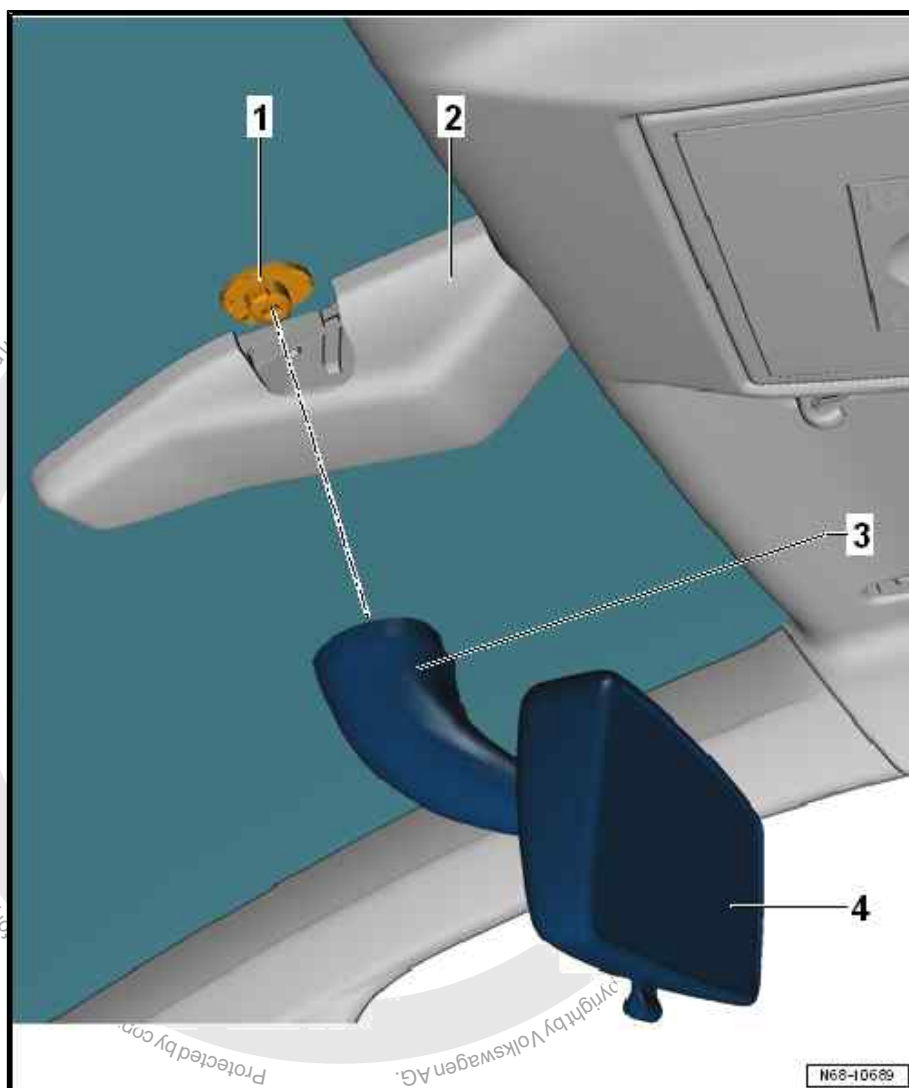
2 - Cover

- ☐ Clipped on sensor unit for emergency braking function - J939-
- ☐ Removing and installing sensor unit for emergency braking function - J939- ⇒ Electrical system; Rep. gr. 94 : Emergency braking function; Removing and installing sensor unit for emergency braking function

3 - Mirror base

4 - On inside

- ☐ Removing and installing
⇒ [page 40](#)





4.1.3 Assembly overview - interior mirror, vehicles with humidity sender - G355-

1 - Cable guide cover

2 - Retaining plate

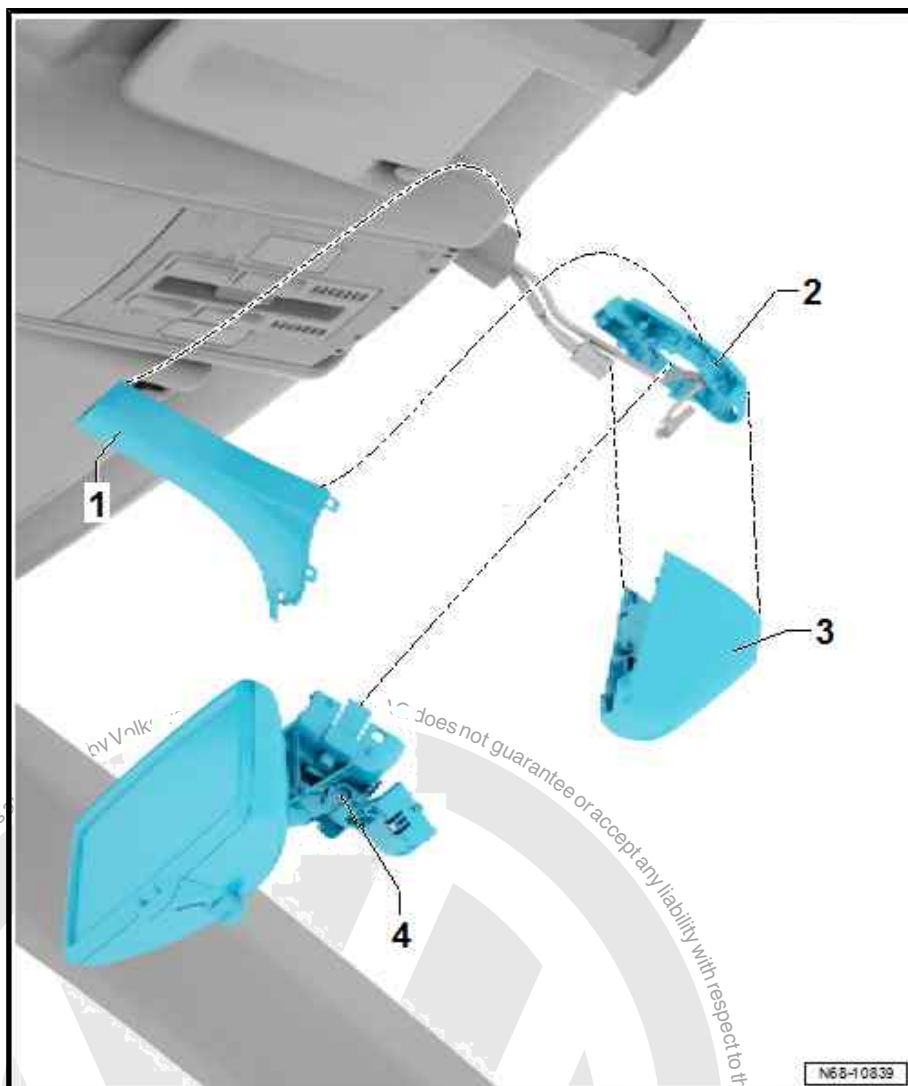
- ☐ For interior mirror.
- ☐ Bonded to windscreen.
- ☐ Gluing on ➔ [page 42](#)

3 - Front cover

- ☐ For mirror base

4 - On inside

- ☐ Allocation ➔ Electronic parts catalogue
- ☐ Removing and installing ➔ [page 41](#)





4.1.4 Assembly overview - interior mirror, vehicles with emergency braking function and humidity sender - G355-

1 - Left cover

2 - Retaining plate

- ☐ For interior mirror.
- ☐ Bonded to windscreen.
- ☐ Gluing on ➤ [page 42](#)

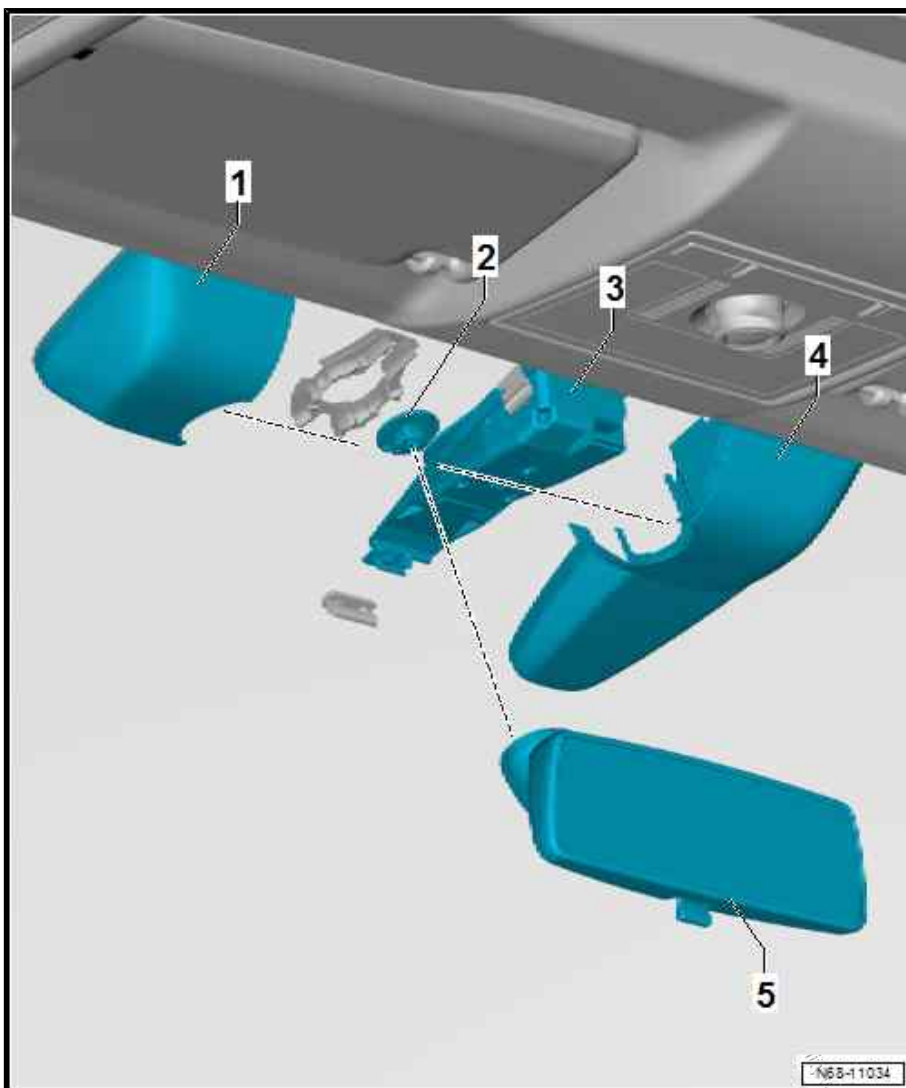
3 - Emergency braking function sensor unit - J939-

- ☐ Removing and installing
⇒ Electrical system;
Rep. gr. 94 ; Emergen-
cy braking function; Re-
moving and installing
emergency braking
function sensor unit

4 - Right cover

5 - On inside

- ☐ Allocation ⇒ Electronic
parts catalogue
- ☐ Removing and installing
⇒ [page 42](#)



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4.2 Removing and installing interior mirror

⇒ "4.2.1 Removing and installing interior mirror", page 40

⇒ "4.2.2 Removing and installing interior mirror, vehicles with emergency braking function sensor unit J939", page 40

⇒ "4.2.3 Removing and installing interior mirror, vehicles with humidity sender G355", page 41

⇒ "4.2.4 Removing and installing interior mirror, vehicles with emergency braking function and humidity sender G355", page 42

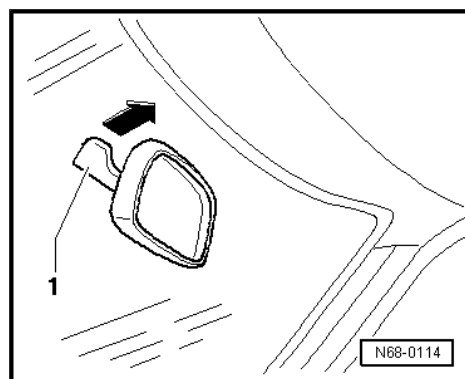
4.2.1 Removing and installing interior mirror

Removing

- Push interior rear view mirror -1- upwards at an angle -arrow- off retaining plate.

Installing

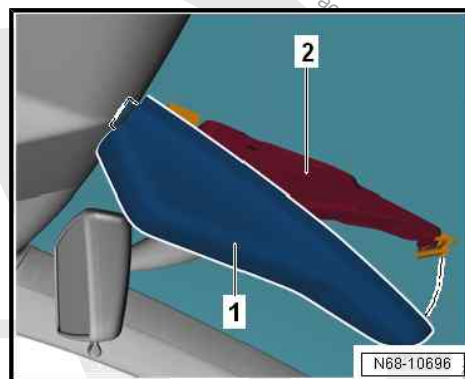
- Installation is carried out in the reverse sequence of removal.



4.2.2 Removing and installing interior mirror, vehicles with emergency braking function sensor unit - J939-

Removing

- Unclip cap -1- for sensor unit for emergency braking function - J939- -2- in lower area.
- Pull out cap -1- for sensor unit for emergency braking function - J939- -2- from between moulded headliner and windscreen and remove it.
- Remove sensor unit for emergency braking function - J939- ⇒ Electrical system; Rep. gr. 94 Emergency braking function; Removing and installing sensor unit for emergency braking function .

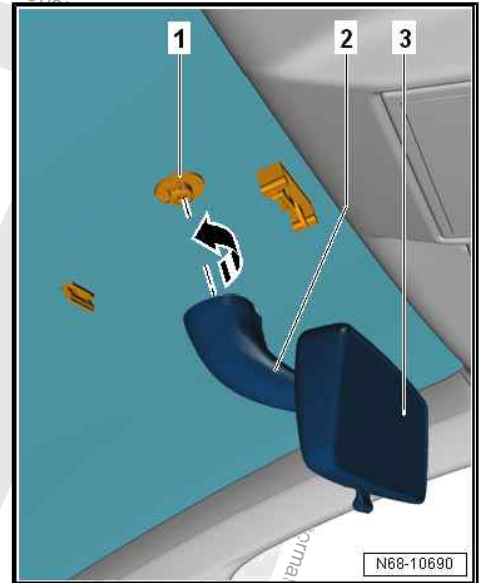




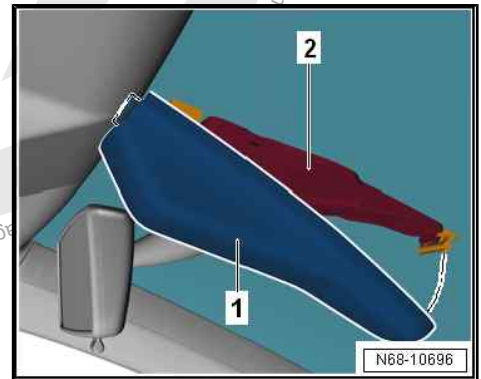
- Turn interior mirror -3- on mirror base -2- anti-clockwise by 90° -arrow- and remove it from retaining plate -1-.

Installing

Install in the reverse order of removal observing the following:



- Guide cap -1- for sensor unit for emergency braking function - J939- -2- first between moulded headliner and windscreen and then engage it in lower area.



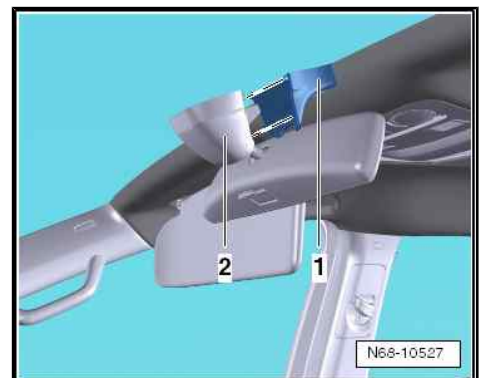
4.2.3 Removing and installing interior mirror, vehicles with humidity sender - G355-

Removing

- Switch off ignition.
- Press the cover, cable conduit, -1- slightly inwards at the sides, in the transitional area leading to the cover -2- and carefully push in direction of moulded headliner.
- Slightly bend cover -2- outwards at the sides and pull downwards off mirror.
- Turn interior mirror approx. 20° anti-clockwise, and remove it from retaining plate.
- Separate connector.

Installing

- Connect connector.
- Fit interior mirror on retaining plate.
- Lock the interior mirror onto the retaining plate by turning it clockwise.
- The remaining installation steps are carried out in the reverse sequence of removal.

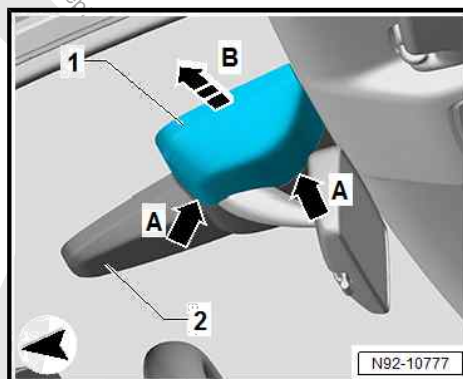




4.2.4 Removing and installing interior mirror, vehicles with emergency braking function and humidity sender - G355-

Removing

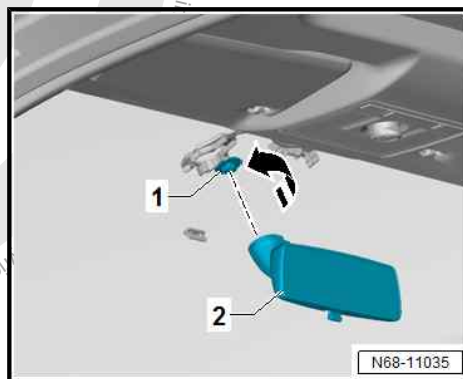
- Switch off ignition and all electrical consumers.
- Store the ignition key outside the vehicle to prevent the ignition from being switched on unintentionally.
- Release cap -1- from cap of emergency braking function sensor unit - J939- -2-.
- Using removal wedge - 3409- , detach caps at positions indicated by -arrows A-, and remove caps -arrows B-.



- Turn interior mirror -2- on mirror base anti-clockwise by 90° -arrow-, and remove it from retaining plate -1-.

Installing

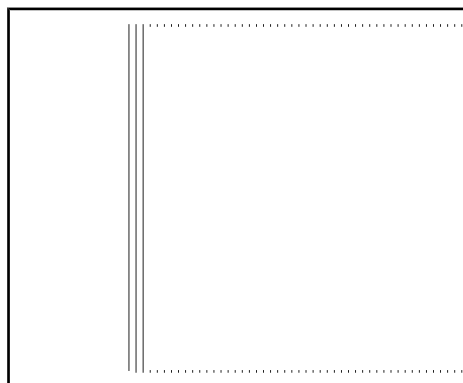
- Installation is carried out in the reverse sequence of removal.



4.3 Bonding retaining plate for interior mirror

Special tools and workshop equipment required

- ♦ Glass scraper (commercially available) -1-



- ♦ Blade (commercially available) -2-



Note

- ◆ *With the repair procedure described, it is no longer necessary to renew the windscreen.*
- ◆ *At the same time, it is also possible to reuse the old mirror base which has fallen off.*

Materials

- ◆ 2-pack adhesive for plastics; for allocation refer to ⇒ Electronic Parts Catalogue
- ◆ Glass/paint primer; for allocation refer to ⇒ Electronic Parts Catalogue
- ◆ Primer for plastics; for allocation refer to ⇒ Electronic Parts Catalogue

Preparing windscreen

- All adhesive and primer residue must be removed from the ceramic pre-coating.
- Clean bonding surface with cleaning solution ⇒ Electronic Parts Catalogue .
- Adhere to “flash-off period” of at least 10 minutes.
- Apply glass/paint primer to ceramic pre-coating.
- Flash-off period until bonding: minimum of 10 minutes to maximum of 1 hour.

Preparation of detached retaining plate

- Mechanically remove adhesive residue:
- ◆ Prepare bonding surface with “wet-on-wet” method by sanding down with wet fine emery paper (800 to 1,200 grade) until bonding surface is completely moist.
- ◆ Then, clean bonding surface with cleaning solution ⇒ Electronic Parts Catalogue
- ◆ Adhere to “flash-off period” of at least 10 minutes.
- ◆ Apply primer for plastics to bonding surface of retaining plate.
- ◆ Flash-off period until bonding: minimum of 10 minutes to maximum of 1 hour.

Gluing retaining plate on

- Apply the adhesive directly onto the sanded and cleaned bonding surface -1- of the retaining plate.

The diameter of the adhesive bead should be 2.5 mm to 3.0 mm.

- Press retaining plate into position on prepared windscreen -2- immediately after applying adhesive.
- Align retaining plate in position on ceramic pre-coat surface and secure with adhesive tape.

Cleaning and removing excessive adhesive

- Carefully remove adhesive tape 0.5 ... 1 hour after gluing on retaining plate.
- Remove excessive and still soft adhesive using a small spatula.



- Using a cloth soaked in cleaning solution ⇒ Electronic Parts Catalogue , completely remove primer applicator or any adhesive residue.



Note

The interior mirror can be fitted 2.5 hours after retaining plate has been glued on.





69 – Passenger protection

1 Seat belts

⇒ [“1.1 Overview of fitting locations - seat belts and anchorage points”, page 45](#)

⇒ [“1.2 Removing and installing front three-point seat belt”, page 47](#)

⇒ [“1.3 Removing and installing front belt end fitting”, page 50](#)

⇒ [“1.4 Removing and installing front belt guide”, page 51](#)

⇒ [“1.5 Removing and installing front belt buckle”, page 53](#)

⇒ [“1.6 Removing and installing rear three-point seat belt”, page 53](#)

⇒ [“1.7 Removing and installing rear outer belt end fitting”, page 54](#)

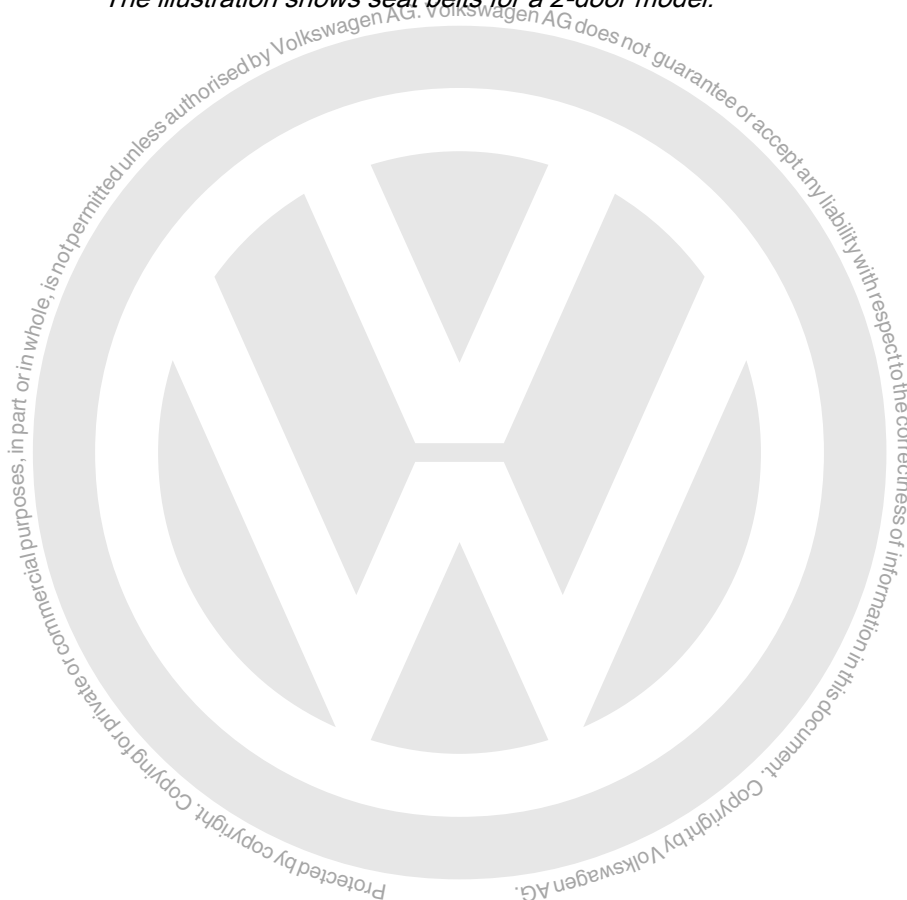
⇒ [“1.8 Removing and installing rear belt buckle”, page 55](#)

1.1 Overview of fitting locations - seat belts and anchorage points



Note

The illustration shows seat belts for a 2-door model.





1 - Belt end fitting

- ❑ Removing and installing
⇒ [page 50](#)

2 - Belt inertia reel with igniter 1 for front passenger's seat belt tensioner - N154-

- ❑ For front three-point
seat belt
- ❑ Removing and installing
⇒ [page 47](#)

3 - Belt anchor

- ❑ Passenger side

4 - Belt anchor

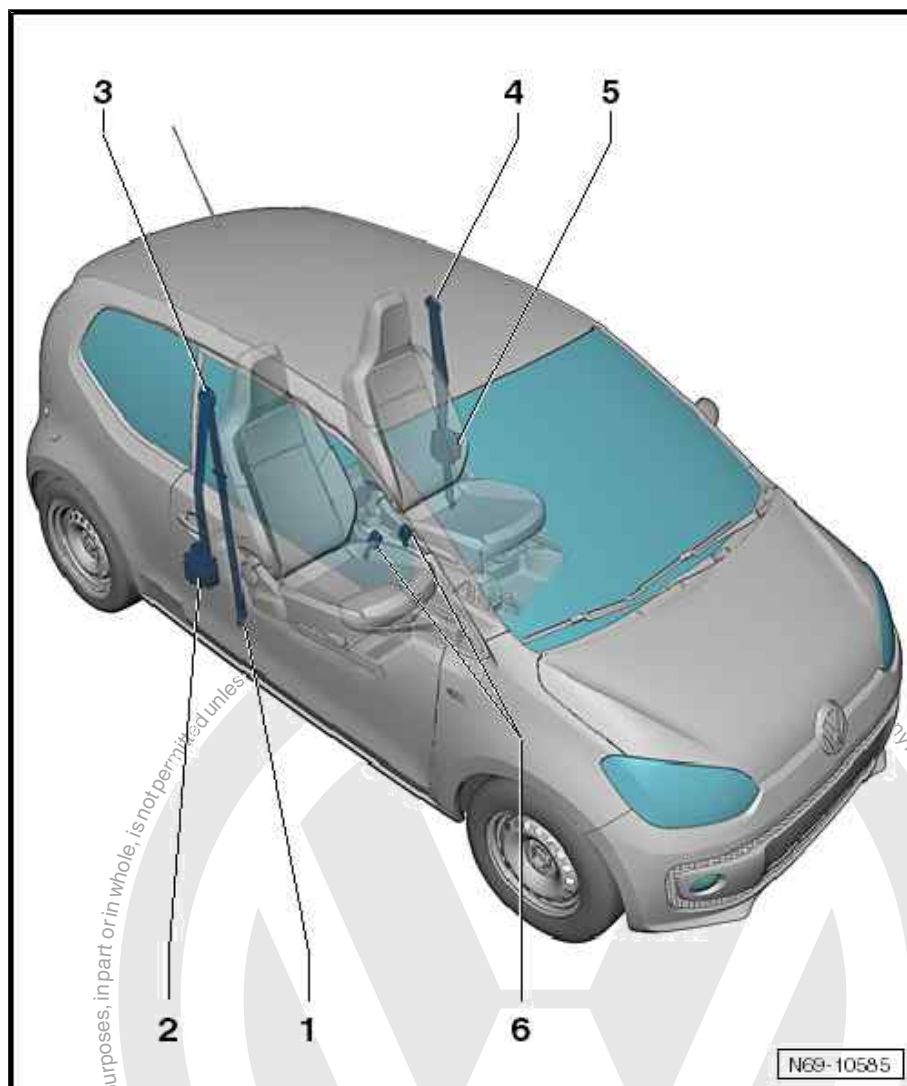
- ❑ Driver side

5 - Belt inertia reel with igniter 1 for driver's seat belt tension- er - N153-

- ❑ For front three-point
seat belt
- ❑ Removing and installing
⇒ [page 47](#)

6 - Belt buckles

- ❑ Removing and installing
⇒ [page 53](#)





7 - Belt end fitting

- ☐ Removing and installing
⇒ [page 54](#)

8 - Belt inertia reel

- ☐ Removing and installing
⇒ [page 53](#)

9 - Belt anchor

- ☐ Passenger side

10 - Belt inertia reel

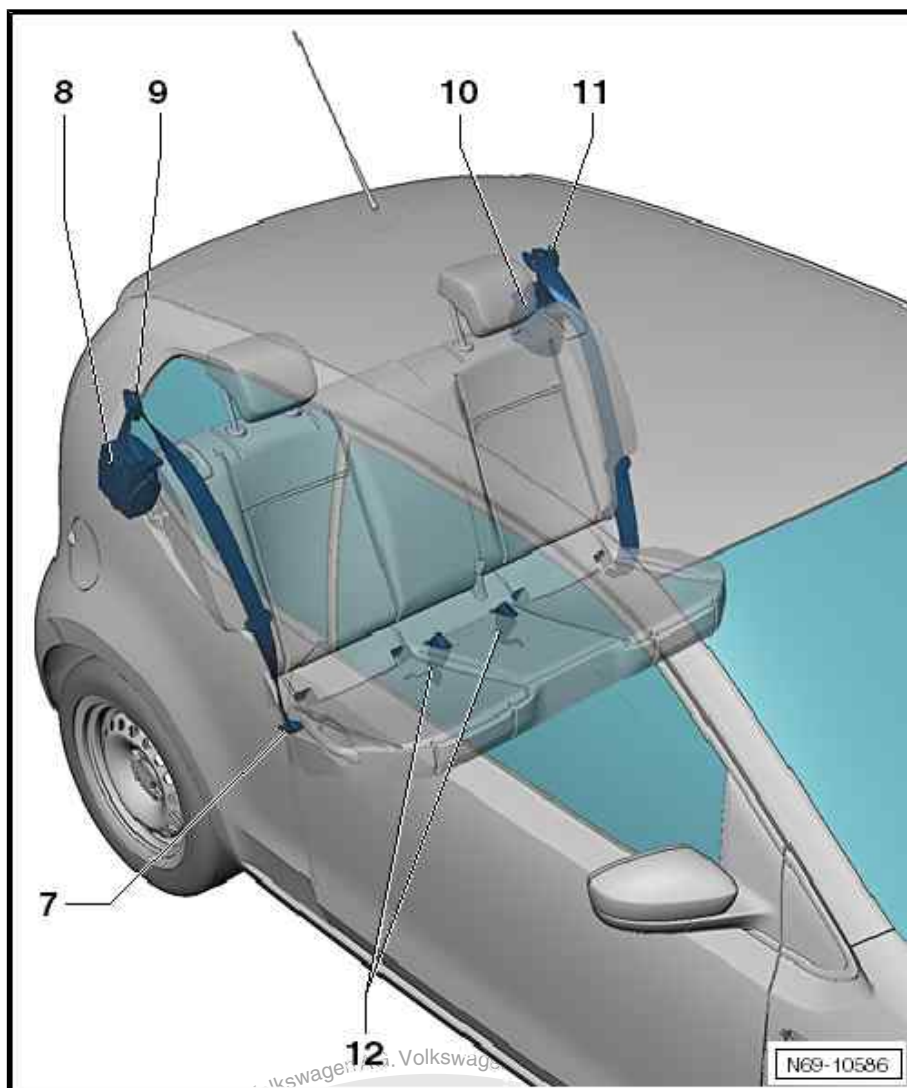
- ☐ Removing and installing
⇒ [page 53](#)

11 - Belt anchor

- ☐ Driver side

12 - Belt buckles

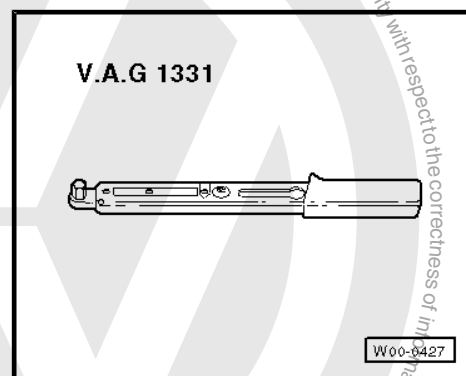
- ☐ Removing and installing
⇒ [page 55](#)



1.2 Removing and installing front three-point seat belt

Special tools and workshop equipment required

- ◆ Torque wrench - V.A.G 1331-





1.2.1 Removing and installing front three-point seat belt, 2-door model

Removing



WARNING

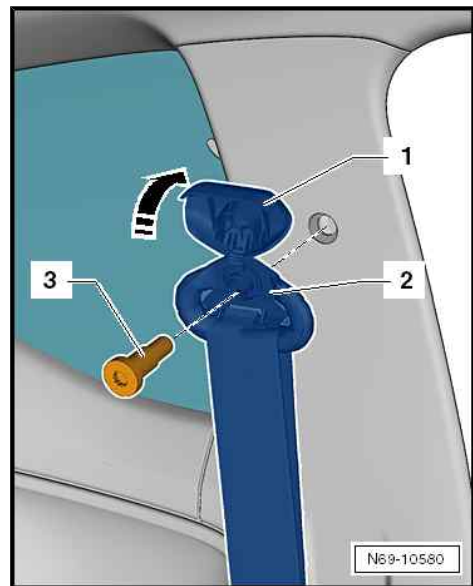
- ♦ Follow safety regulations for pyrotechnic components
⇒ [page 1](#) .
- ♦ Follow disposal regulations for pyrotechnic components
⇒ [page 2](#) .



Note

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

- Disconnect battery earth cable with ignition switched on ⇒ Electrical system; Rep. gr. 27 ; Battery; Connecting and disconnecting battery .
- Remove bench seat ⇒ [page 193](#) .
- Remove rear seat backrest ⇒ [page 197](#) .
- Remove side trim panel ⇒ [page 137](#) .
- Unclip front sill moulding in vicinity of belt inertia reel ⇒ [page 123](#) .
- Open cap -1- -arrow- and unscrew bolt -3- (40 Nm).
- Remove belt guide fitting -2- with belt webbing.
- Unclip C-pillar trim where it overlaps with B-pillar trim.
- Remove B-pillar trim, 2-door model ⇒ [page 129](#) .
- Remove front belt guide ⇒ [page 51](#) .





- Remove front belt end fitting ➔ [page 50](#) .
- Remove bolt -1- (40 Nm) and remove belt inertia reel -2- from mounting.

Installing

- Installation is carried out in the reverse sequence of removal.



WARNING

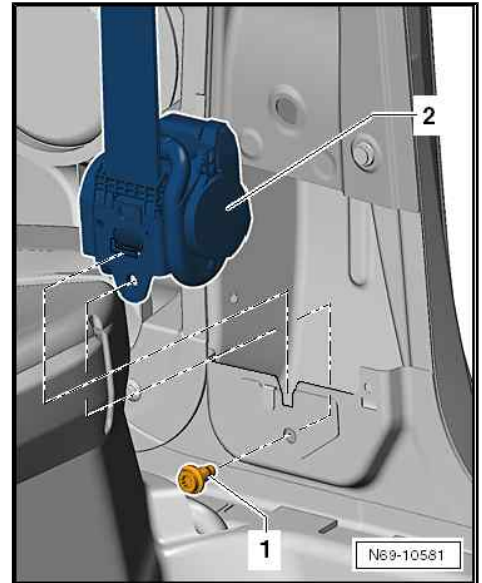
Ensure that no electric cables are routed in the area of the belt reel!

- Switch on ignition.



WARNING

Battery must be connected with ignition switched on. If pyrotechnic components (e.g. airbag, seat belt tensioners) are repaired incorrectly, they may be accidentally triggered after the battery is connected. Ensure that nobody is in vehicle when connecting battery.



- Connect battery earth cable with ignition switched on ➔ Electrical system; Rep. gr. 27 ; Battery; Connecting and disconnecting battery .

1.2.2 Removing and installing front three-point seat belt, 4-door model

Removing



WARNING

- ◆ *Follow safety regulations for pyrotechnic components ➔ [page 1](#) .*
- ◆ *Follow disposal regulations for pyrotechnic components ➔ [page 2](#) .*



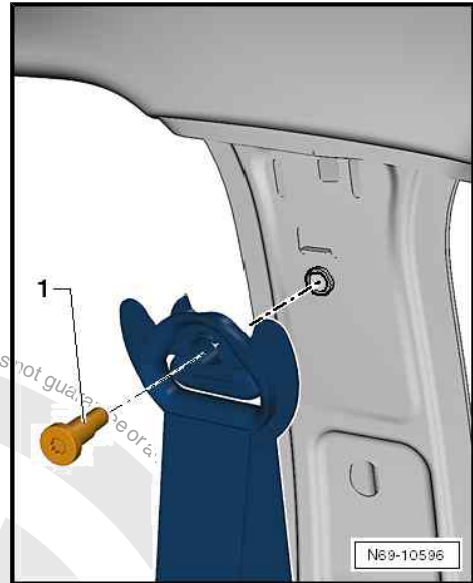
Note

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

- Disconnect battery earth cable with ignition switched on ➔ Electrical system; Rep. gr. 27 ; Battery; Connecting and disconnecting battery
- Remove B-pillar trim; 4-door model ➔ [page 131](#) .
- Remove front belt guide ➔ [page 51](#) .



- Unscrew bolt -1- (40 Nm) and remove belt guide with webbing.



- Remove bolt -1- (40 Nm) and remove belt inertia reel -2- from mounting.

Installing

- Installation is carried out in the reverse sequence of removal.



WARNING

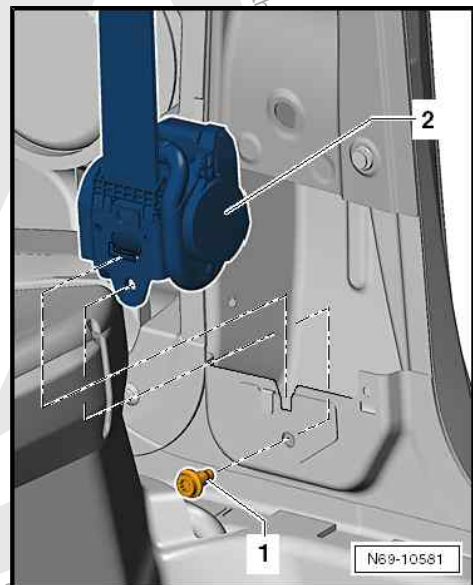
Ensure that no electric cables are routed in the area of the belt reel!

- Switch on ignition.



WARNING

Battery must be connected with ignition switched on. If pyrotechnic components (e.g. airbag, seat belt tensioners) are repaired incorrectly, they may be accidentally triggered after the battery is connected. Ensure that nobody is in vehicle when connecting battery.



- Connect battery earth cable with ignition switched on ⇒ Electrical system; Rep. gr. 27 ; Battery; Connecting and disconnecting battery .

1.3 Removing and installing front belt end fitting

Special tools and workshop equipment required



◆ Torque wrench - V.A.G 1331-

V.A.G 1331



W00-0427

Removing



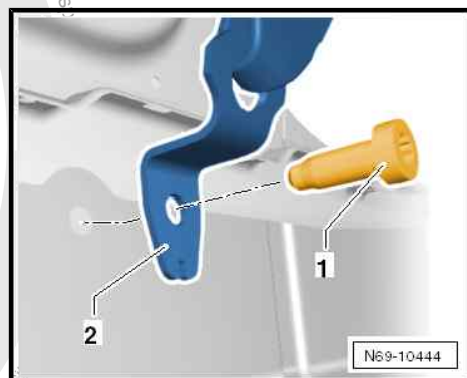
Note

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

- Fold floor covering inwards in area of belt end anchor.
- Remove bolt -1- (40 Nm) and remove belt end anchor -2- from body.

Installing

Installation is carried out in the reverse sequence of removal.



1.4 Removing and installing front belt guide



Note

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

1.4.1 Removing and installing front belt guide, 2-door model

Removing

- Remove bench seat ➔ [page 193](#) .
- Remove rear seat backrest ➔ [page 197](#) .
- Remove side trim panel ➔ [page 137](#) .



- Pull belt guide -1- out of tab -2-.
- Thread belt -3- out of belt guide.

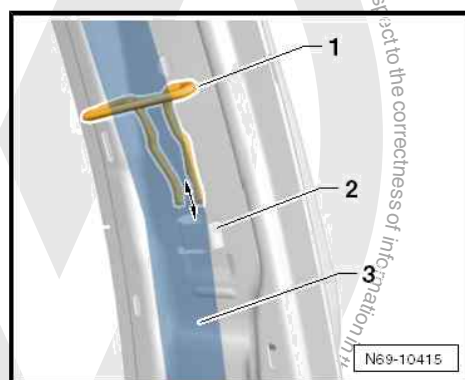
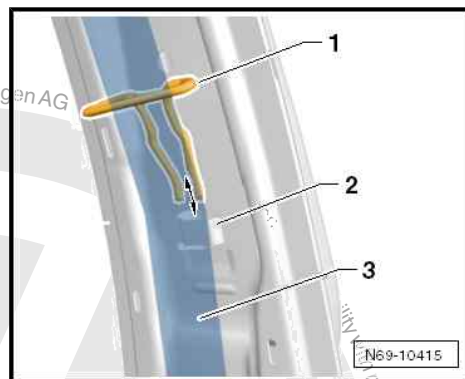
Installing

- Installation is carried out in the reverse sequence of removal.



WARNING

When installing, belt guide -1- must audibly engage in tab -2-!



1.4.2 Removing and installing front belt guide, 4-door model

Removing

- Remove B-pillar trim, 4-door model ⇒ [page 131](#).
- Pull belt guide -1- out of tab -2-.
- Thread belt -3- out of belt guide.

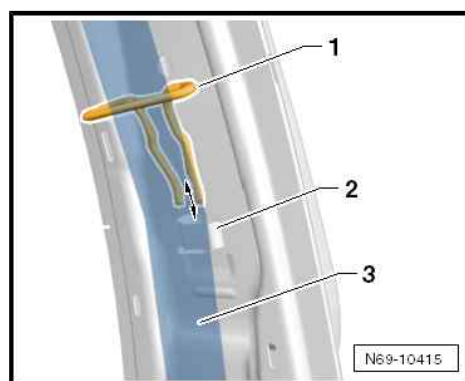
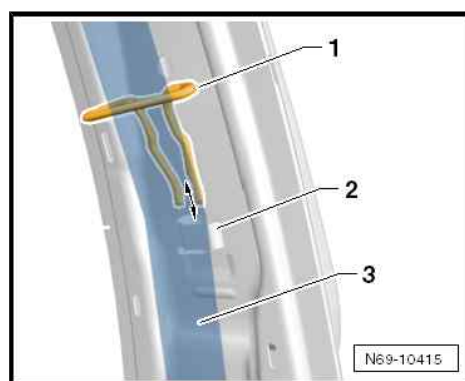
Installing

- Installation is carried out in the reverse sequence of removal.



WARNING

When installing, belt guide -1- must audibly engage in tab -2-!

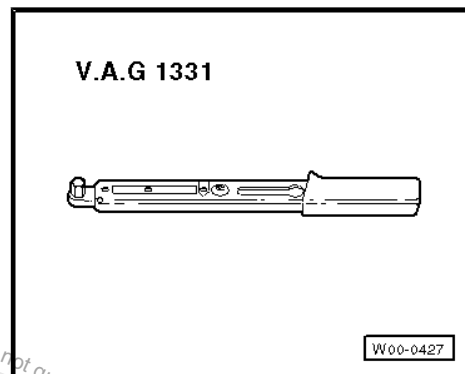




1.5 Removing and installing front belt buckle

Special tools and workshop equipment required

- ◆ Torque wrench - V.A.G 1331-



Note

Removal and installation are described for left side of vehicle. Apply the same instructions for removal and installation of the right seat belt buckle as appropriate.

Removing

- Remove front seat ➔ [page 173](#) .
- Unclip wiring-harness fastenings from seat frame.
- Unscrew bolt -2- (40 Nm) and remove belt buckle -1- from seat frame.

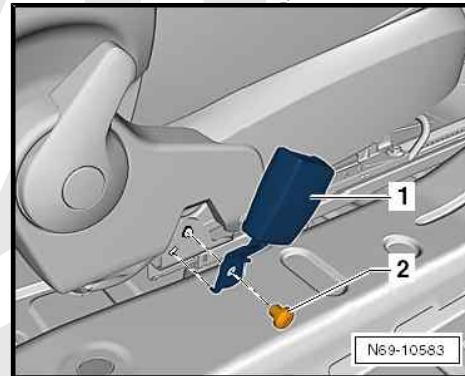


Note

- ◆ *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.*

Installing

- Installation is carried out in the reverse sequence of removal.

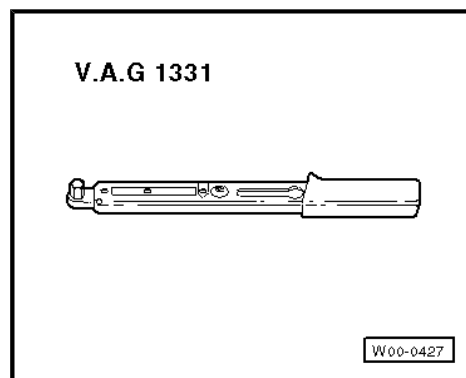


1.6 Removing and installing rear three-point seat belt

Special tools and workshop equipment required



◆ Torque wrench - V.A.G 1331-



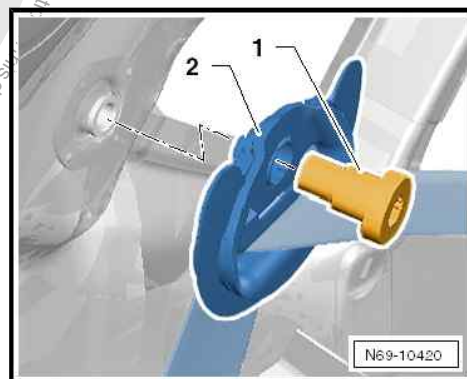
Removing



Note

Removal and installation is described for the left vehicle side. The removal and installation are analogous for the right side.

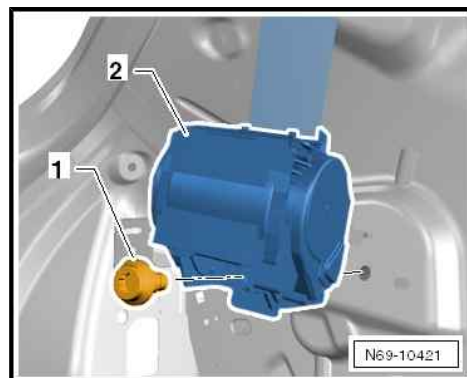
- Remove bench seat ➔ [page 193](#) .
- Remove rear seat backrest ➔ [page 197](#) .
- Remove side trim panel ➔ [page 137](#) .
- Remove luggage compartment side trim ➔ [page 148](#) .
- Remove outer rear seat belt guide anchor ➔ [page 54](#) .
- Remove C-pillar trim.
- Unscrew bolt -1- (40 Nm) and remove belt anchor -2- from body.



- Unscrew bolt -1- (40 Nm) and remove belt inertia reel -2- from bodywork mounting.

Installing

- Installation is carried out in the reverse sequence of removal.

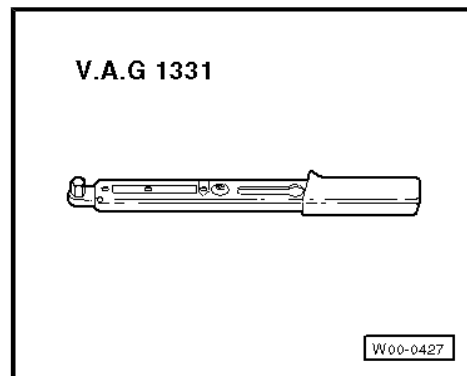


1.7 Removing and installing rear outer belt end fitting

Special tools and workshop equipment required



- ◆ Torque wrench - V.A.G 1331-



Removing



Note

The removal and installation procedure is described for the right-hand side of the vehicle. The procedures for the left side are analogous.

- Remove bench seat ➔ [page 193](#) .
- Unscrew bolt -1- (40 Nm) and remove belt end anchor -2- from body.

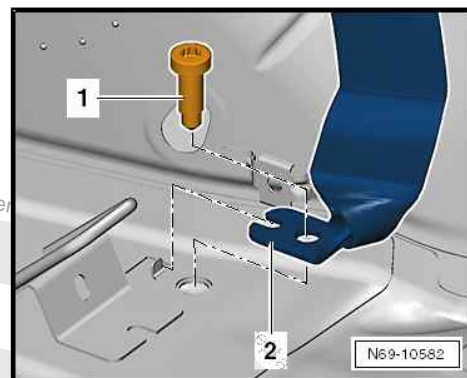
Installing

- Installation is carried out in the reverse sequence of removal.



Note

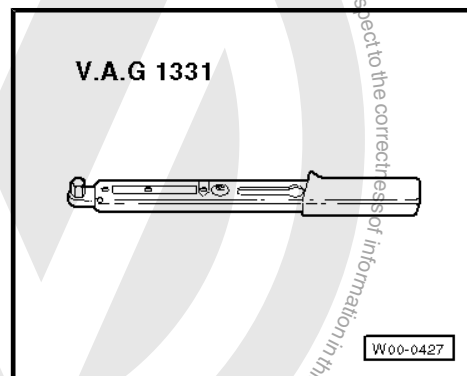
The recess on the bolt-down bracket of the belt anchor must be located above the positioning guide on the floor panel.



1.8 Removing and installing rear belt buckle

Special tools and workshop equipment required

- ◆ Torque wrench - V.A.G 1331-



Note

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

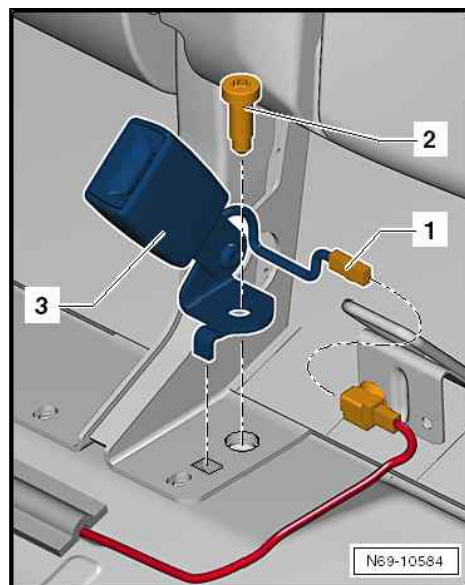


Removing

- Remove bench seat ➔ [page 193](#) .
- Separate electrical connector -1- for belt switch.
- Unscrew bolt -2- (40 Nm) and remove belt buckle -1-.

Installing

- Installation is carried out in the reverse sequence of removal.





2 Airbag system

⇒ [“2.1 Overview of fitting locations - airbag system”, page 57](#)

2.1 Overview of fitting locations - airbag system



Note

The illustration shows seat belts for a 2-door model.

1 - Airbag control unit - J234-

- ☐ Assembly overview
⇒ [page 58](#)
- ☐ Removing and installing
⇒ [page 58](#)

2 - Driver side airbag with driver side airbag igniter - N95-

- ☐ Removing and installing
⇒ [page 61](#)

3 - Front passenger airbag with igniter 1 for front passenger airbag - N131-

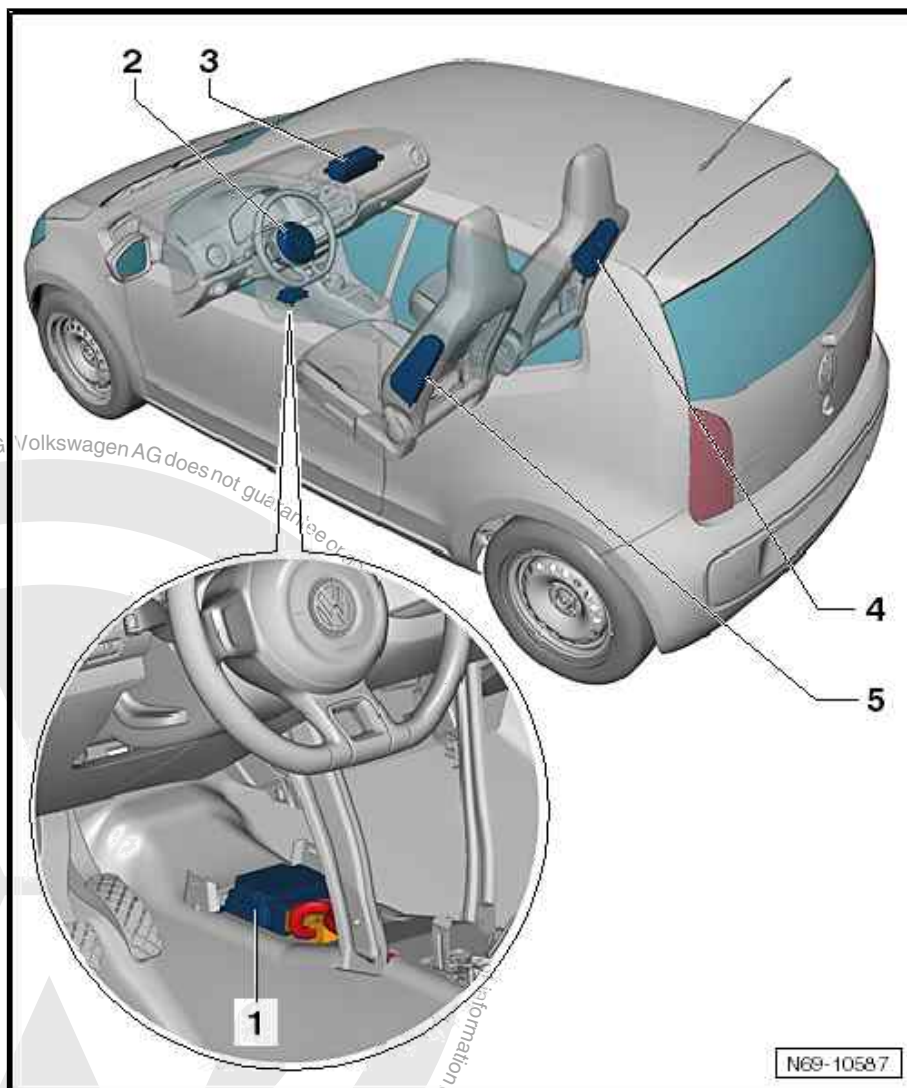
- ☐ Removing and installing
⇒ [page 67](#)
- ☐ Can be locked and activated via key-operated switch to deactivate front passenger airbag - E224-

4 - Side airbag on front passenger side with side airbag igniter on front passenger side - N200-

- ☐ Removing and installing
⇒ [page 71](#)

5 - Side airbag on driver side with side airbag igniter on driver side - N199-

- ☐ Removing and installing
⇒ [page 71](#)





3 Airbag control unit

⇒ "3.1 Assembly overview - airbag control unit", page 58

⇒ "3.2 Removing and installing airbag control unit", page 58

3.1 Assembly overview - airbag control unit

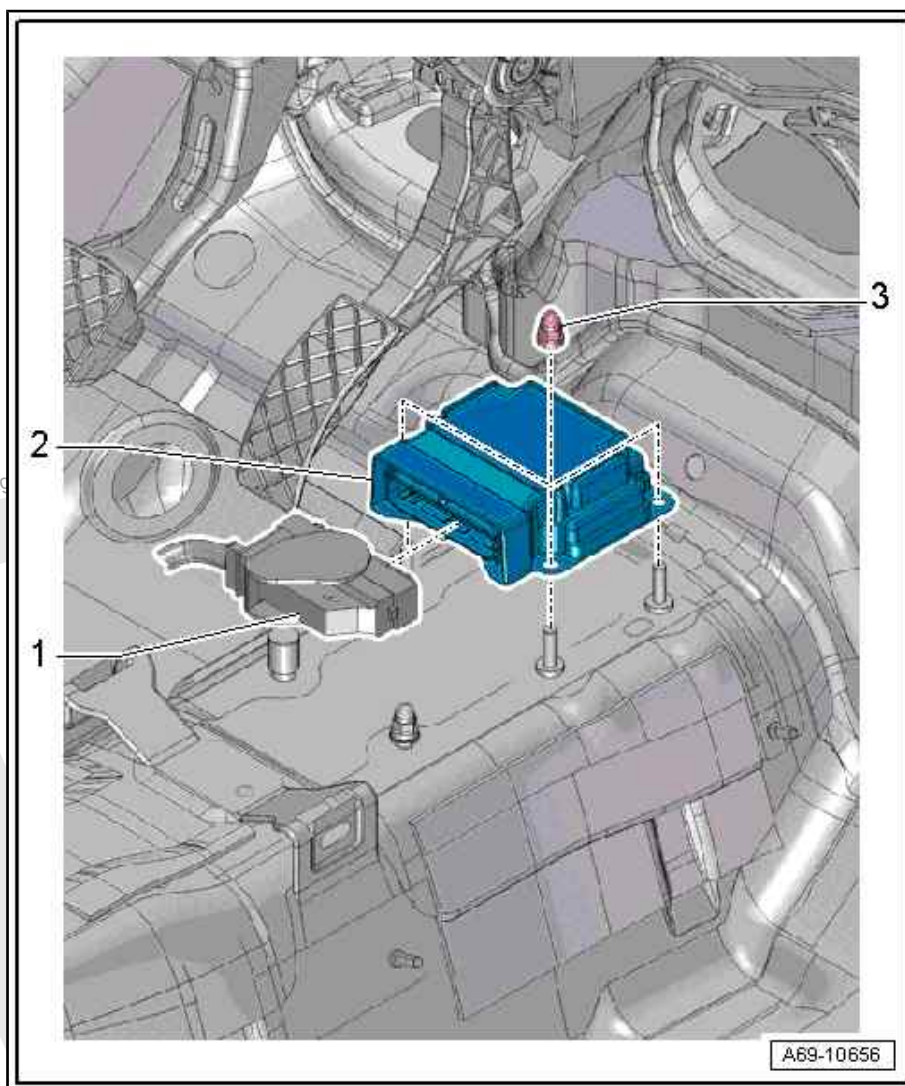
1 - Electrical connector

2 - Airbag control unit - J234-

- ☐ Removing and installing
⇒ [page 58](#)
- ☐ The control unit is earthed via the housing with the bodywork.

3 - Nut

- ☐ Qty. 3
- ☐ 9 Nm
- ☐ The threads must be free of paint and dirt.
- ☐ The nuts and earthing studs form the earth connection for the control unit.



3.2 Removing and installing airbag control unit

Removing



WARNING

*Follow safety regulations for pyrotechnic components
⇒ [page 1](#).*

- Disconnect battery earth cable with ignition switched on ⇒ Electrical system; Rep. gr. 27 ; Battery; Connecting and disconnecting battery .



Caution

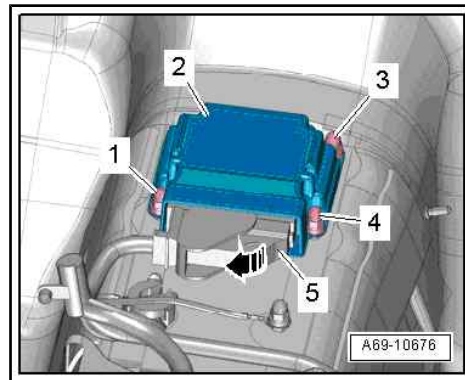
On vehicles with high-voltage battery, a voltage test of the 12 V electrical system must be performed after the 12 V battery is disconnected. If voltage is detected, the high-voltage system must be de-energised.

- Remove centre console ⇒ [page 29](#) .





- Unscrew bolt -1- in driver's footwell.
- Discharge static. Briefly touch car body or lock quoin of door.
- Open catch on plug -arrow- and detach electrical connector -5-.
- Unscrew bolts -3- and -4- in front passenger's footwell.
- Lift airbag control unit -2- clear of studs and remove towards front passenger side.



Installing



WARNING

- ◆ *Follow safety regulations for pyrotechnic components ➔ [page 1](#).*
- ◆ *Before handling pyrotechnic components (e.g. connecting the electrical connector), the person handling them must ensure that he/she is "electrically discharged". To do this briefly touch, for example, the door striker plate.*

Install in reverse order of removal, observing the following:



Note

Ensure electrical connector is pushed fully onto stop and engages audibly.



WARNING

Battery must be connected with ignition switched on. If pyrotechnic components (e.g. airbag, seat belt tensioners) are repaired incorrectly, they may be accidentally triggered after the battery is connected. Ensure that nobody is in vehicle when connecting battery.

- Connect battery earth cable with ignition switched on ➔ Electrical system; Rep. gr. 27 ; Battery; Connecting and disconnecting battery .



Note

- ◆ *If the airbag warning lamp - K75- indicates a fault following installation, the event memory must be read, cleared and then read again ➔ Vehicle diagnostic tester.*
- ◆ *If a new airbag control unit is installed -J234- the control unit must be encoded ➔ Vehicle diagnostic tester.*
- ◆ *The airbag control unit -J234- is earthed via the housing with the bodywork.*

Installation tips: for example tightening torques, renewing components ➔ [page 58](#)



4 Driver's airbag

⇒ ["4.1 Assembly overview - driver side airbag", page 61](#)

⇒ ["4.2 Removing and installing airbag unit with igniter", page 61](#)

4.1 Assembly overview - driver side airbag

1 - Steering column switch module

- ❑ With airbag coil connector and return ring with slip ring - F138-
- ❑ Removing and installing ⇒ Electrical system; Rep. gr. 94 ; Steering column switch module; Removing and installing steering column switch module

2 - Wiring harness

- ❑ For driver side airbag igniter - N95-

3 - Driver side airbag with driver side airbag igniter - N95-



WARNING

Follow safety regulations for pyrotechnic components ⇒ [page 1](#) .

- ❑ Removing and installing ⇒ [page 61](#)

4 - Bolt

- ❑ Tightening torque ⇒ Running gear, axles, steering; Rep. gr. 48 ; Steering wheel; Assembly overview - steering wheel

5 - Steering wheel

- ❑ Removing and installing ⇒ Running gear, axles, steering; Rep. gr. 48 ; Steering wheel; Assembly overview - steering wheel; Removing and installing steering wheel

6 - Catch



4.2 Removing and installing airbag unit with igniter

Special tools and workshop equipment required

- ◆ Cotter drift, blade diameter 2 mm; maximum length 120 mm, with tapered blade tip, commercially available



Removing



WARNING

- ◆ **Follow safety regulations for pyrotechnic components**
⇒ page 1 .
- ◆ **Follow disposal regulations for pyrotechnic components**
⇒ page 2 .

- Move steering wheel to uppermost position. Use the full range of the steering column adjustment for this purpose.
- Disconnect battery earth cable with ignition switched on ⇒ Electrical system; Rep. gr. 27 ; Battery; Connecting and disconnecting battery .



Caution

On vehicles with high-voltage battery, a voltage test of the 12 V electrical system must be performed after the 12 V battery is disconnected. If voltage is detected, the high-voltage system must be de-energised.

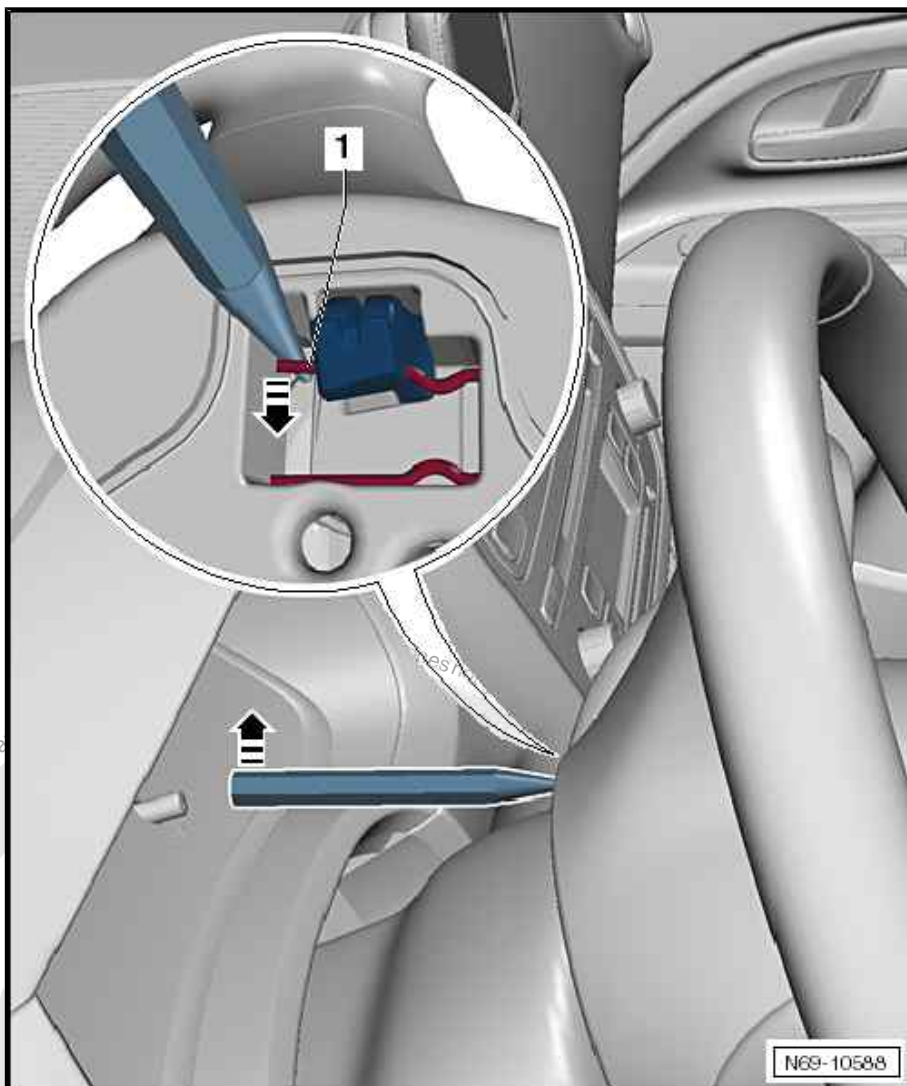
- Turn steering wheel until gap on rear of steering wheel faces directly upwards, “3 o'clock or 9 o'clock position”.



Note

Wrap the head of the cotter drift with, for example, masking tape to prevent damage in the form of scratches to the dash panel insert.

- Release catch -1- for driver side airbag -arrows-, using commercially available cotter drift, blade diameter 2 mm; maximum length 120 mm, with tapered blade tip.
- Turn steering wheel through 180° and repeat procedure on opposite side of steering wheel.



- Return steering wheel to mid-position (wheels pointing straight ahead).



WARNING

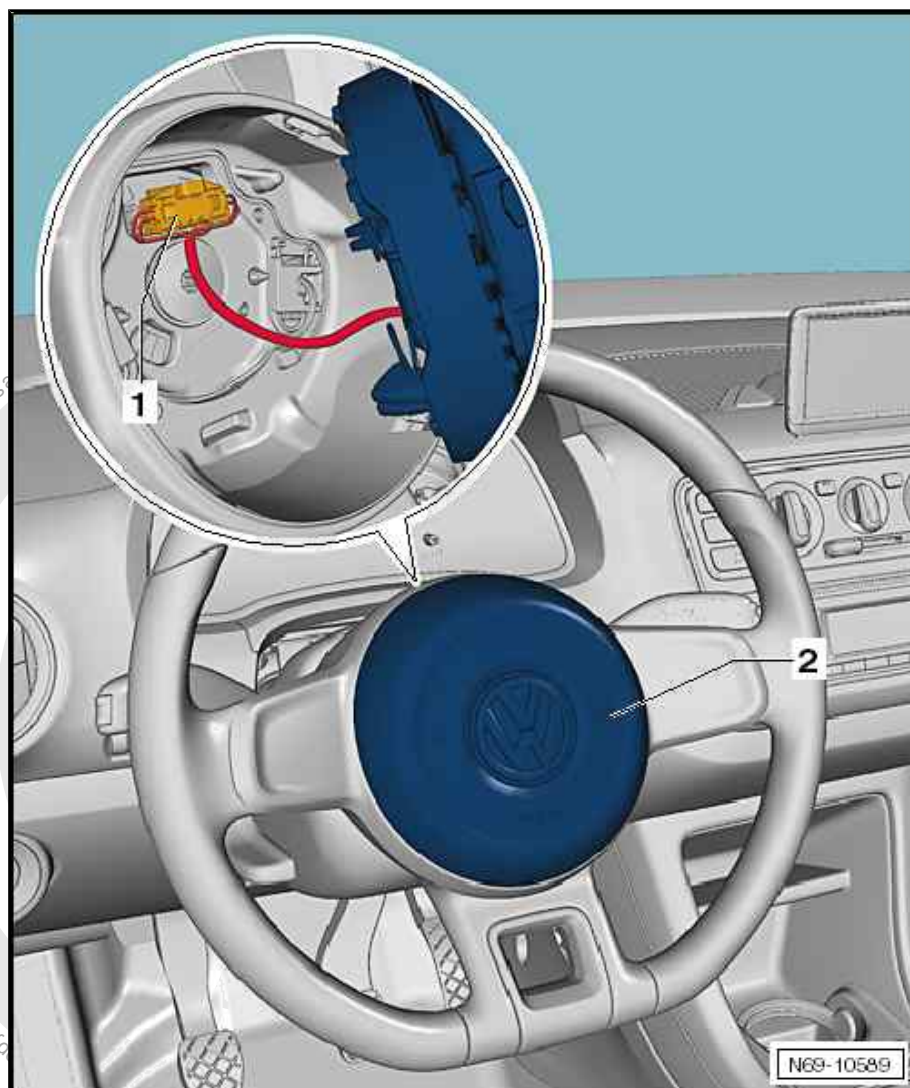
Before handling pyrotechnic components (e.g. separating the electrical connector), the person handling them must ensure that he/she is "electrically discharged". To do this briefly touch, for example, the door striker plate.

- Carefully pull driver side airbag slightly out of steering wheel.
- Pull out connector mechanism and press down, unplug electrical connector -1-.
- Remove airbag -2-.



WARNING

Place airbag to one side with VW emblem pointing upwards.



Installing



WARNING

- ◆ **Follow safety regulations for pyrotechnic components**
⇒ page 1 .
- ◆ **Before handling pyrotechnic components (e.g. connecting the electrical connector), the person handling them must ensure that he/she is "electrically discharged". To do this briefly touch, for example, the door striker plate.**

Install in reverse order of removal, observing the following:



Note

- ◆ **Ensure electrical connector is pushed fully onto stop and engages audibly.**
- ◆ **Ensure that no cables are trapped.**
- Connect electrical connector for coil connectors to plug-in connector for airbag at return ring with slip ring.



- Locate driver side airbag in steering wheel and press until audibly engaged.



WARNING

Battery must be connected with ignition switched on. If pyrotechnic components (e.g. airbag, seat belt tensioners) are repaired incorrectly, they may be accidentally triggered after the battery is connected. Ensure that nobody is in vehicle when connecting battery.

- Connect battery earth cable with ignition switched on ⇒ Electrical system; Rep. gr. 27 ; Battery; Connecting and disconnecting battery .
- Finally, read and clear event memory since faults may be stored as a result of detaching electrical connectors ⇒ Vehicle diagnostic tester.

Installation tips: for example tightening torques, renewing components ⇒ [page 61](#)



5 Front passenger side airbag

⇒ [“5.1 Assembly overview - front passenger side airbag”, page 66](#)

⇒ [“5.2 Removing and installing front passenger side airbag unit with igniter”, page 67](#)

⇒ [“5.3 Removing and installing key-operated switch to deactivate front passenger airbag”, page 69](#)

⇒ [“5.4 Removing and installing front passenger side airbag warning light”, page 69](#)

5.1 Assembly overview - front passenger side airbag

1 - Electrical connector

- ☐ For front passenger side airbag igniter 1 - N131-

2 - Front passenger airbag with igniter 1 for front passenger airbag - N131-



WARNING

Follow safety regulations for pyrotechnic components ⇒ [page 1](#).

Note assignment of airbag unit to dash panel ⇒ [Electronic Parts Catalogue](#).

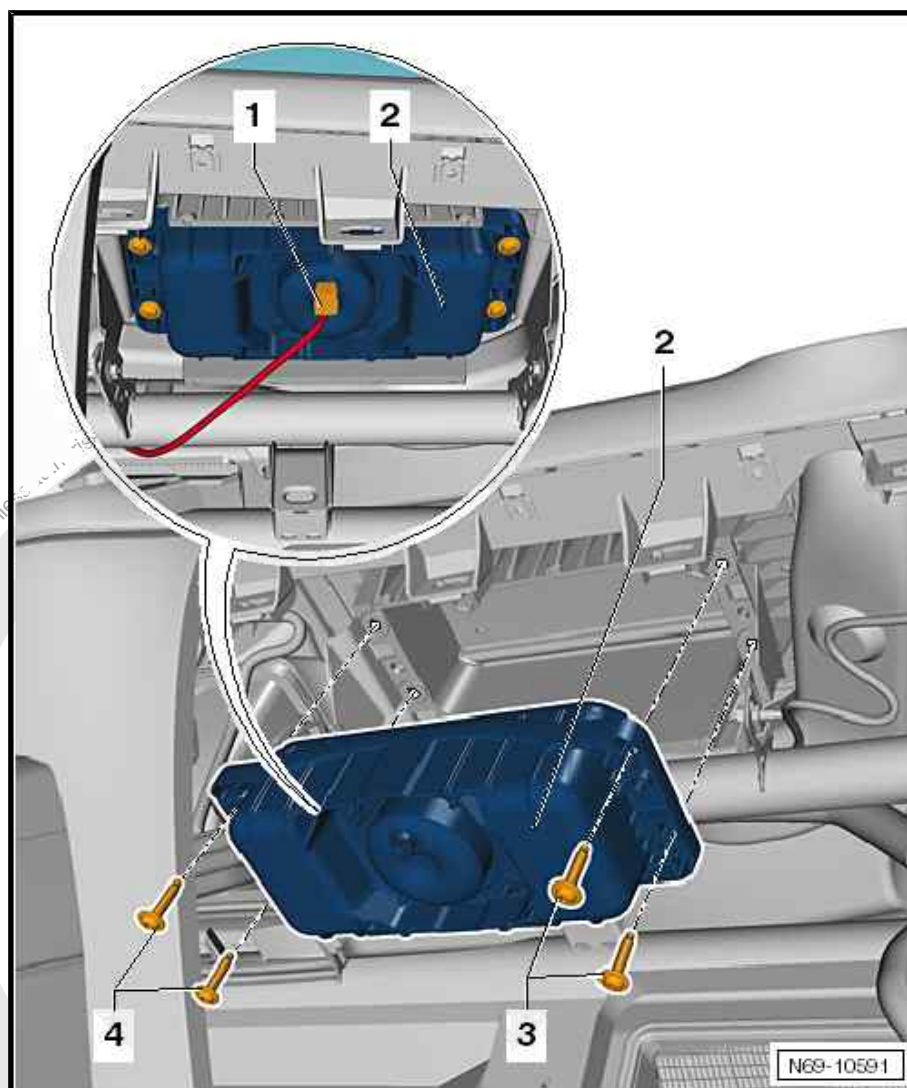
- ☐ Can be locked and activated via key-operated switch
- ☐ Removing and installing ⇒ [page 67](#)

3 - Bolt

- ☐ Qty. 2
- ☐ Clean before renewing and reinstalling and insert with locking fluid, allocation ⇒ [Electronic parts catalogue](#)
- ☐ 8 Nm

4 - Bolt

- ☐ Qty. 2
- ☐ Clean before renewing and reinstalling and insert with locking fluid, allocation ⇒ [Electronic parts catalogue](#)
- ☐ 8 Nm





5.2 Removing and installing front passenger side airbag unit with igniter

Removing



WARNING

- ◆ **Follow safety regulations for pyrotechnic components**
⇒ [page 1](#) .
- ◆ **Follow disposal regulations for pyrotechnic components**
⇒ [page 2](#) .
- ◆ **Note assignment of airbag unit to dash panel** ⇒ *Electronic Parts Catalogue* .

- Disconnect battery earth cable with ignition switched on ⇒
Electrical system; Rep. gr. 27 ; Battery; Connecting and disconnecting battery .



Caution

On vehicles with high-voltage battery, a voltage test of the 12 V electrical system must be performed after the 12 V battery is disconnected. If voltage is detected, the high-voltage system must be de-energised.

- Remove glove compartment ⇒ [page 20](#) .



WARNING

Before handling pyrotechnic components (e.g. separating the electrical connector), the person handling them must ensure that he/she is "electrically discharged". To do this briefly touch, for example, the door striker plate.

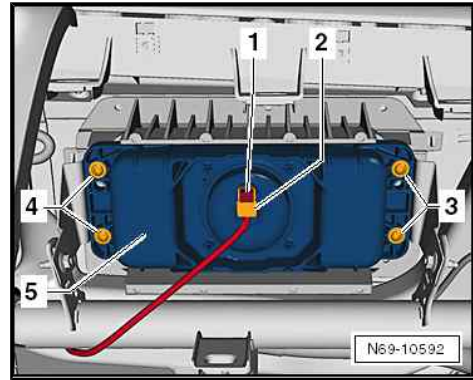


- Pull out connector mechanism -1- carefully with small screwdriver -arrow- and unplug electrical connector -2-.
- Unscrew two bolts -3- and -4- each.
- Remove front-passenger-side airbag downwards.



WARNING

Set down airbag with impact cushion facing upwards.



Installing



WARNING

- ♦ Follow safety regulations for pyrotechnic components ➔ [page 1](#) .
- ♦ Before handling pyrotechnic components (e.g. connecting the electrical connector), the person handling them must ensure that he/she is "electrically discharged". To do this briefly touch, for example, the door striker plate.
- ♦ Note assignment of airbag to dash panel ➔ *Electronic parts catalogue* .

Install in reverse order of removal, observing the following:



Note

- ♦ Ensure electrical connector is pushed fully onto stop and engages audibly.
- ♦ Ensure that no cables are trapped.
- Fit new dash panel after airbag has been triggered ➔ [page 103](#) .



WARNING

Battery must be connected with ignition switched on. If pyrotechnic components (e.g. airbag, seat belt tensioners) are repaired incorrectly, they may be accidentally triggered after the battery is connected. Ensure that nobody is in vehicle when connecting battery.

- Connect battery earth cable with ignition switched on ➔ Electrical system; Rep. gr. 27 ; Battery; Connecting and disconnecting battery .



Note

If the airbag warning lamp - K75- indicates a fault following installation, the event memory must be read, cleared and then read again ➔ Vehicle diagnostic tester.

Installation tips: for example tightening torques, renewing components ➔ [page 66](#)



5.3 Removing and installing key-operated switch to deactivate front passenger air-bag

Removing

- Remove dash panel end cover on front passenger side
⇒ [page 100](#) .
- Release and pull off connector -1-.
- Press catches -arrows- on both sides and push key-operated switch to deactivate front passenger side airbag - E224- -2- through cover.

Installing

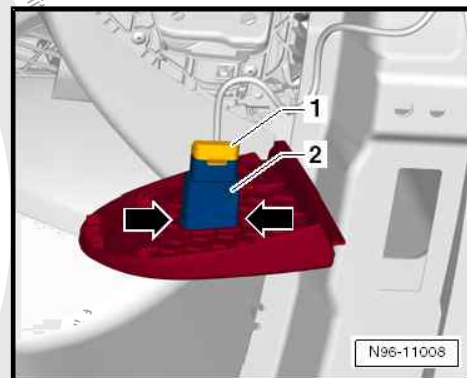
Install in reverse order of removal, observing the following:



Note

- ◆ *Ensure electrical connector is pushed fully onto stop and engages audibly.*
- ◆ *Ensure that no cables are trapped.*
- Ensure that key-operated switch to deactivate front passenger airbag - E224- audibly engages in cover.

Installation tips; for example tightening torques, renewing components ⇒ [page 66](#)

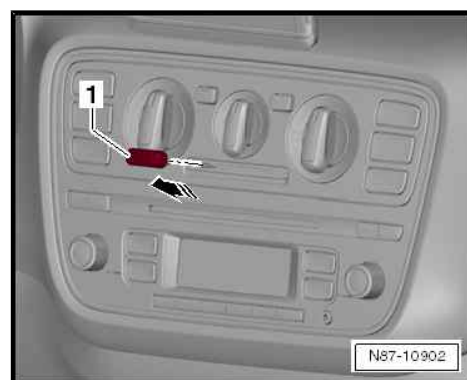


5.4 Removing and installing front passenger side airbag warning light

The front passenger side airbag deactivated warning lamp - K145- is integrated in the right switch module in the centre dash panel and can only be renewed together with the hazard warning lights button - E229- and the heated rear window button - E230- .

Removing

- Remove sliding control for fresh and recirculated air -1- in -direction of arrow-.





- Unclip trim -1- using removal wedge - 3409- at locations marked by -arrows-, and remove trim -1-.
- Remove right switch module in centre dash panel ➤ Electrical system; Rep. gr. 96 ; Lights and controls in dash panel; Centre dash panel switch module; Removing and installing centre dash panel switch module .

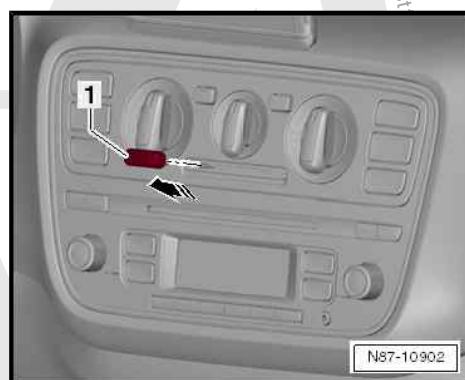
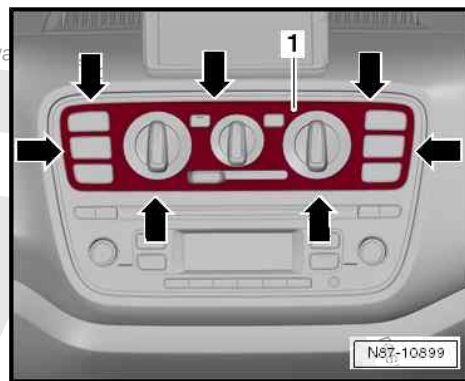
Installing

Install in reverse order of removal, observing the following:



Note

Always install slide control for fresh air/recirculated air -1- with plug-in socket pointing upwards.





6 Side airbags

⇒ "6.1 Assembly overview - front side airbag", page 71

⇒ "6.2 Removing and installing front side airbag with igniter", page 71

6.1 Assembly overview - front side airbag

1 - Lower hook

- ☐ For attaching side airbag to backrest frame

2 - Centre hook

- ☐ For attaching side airbag to backrest frame

3 - Upper hook

- ☐ For attaching side airbag to backrest frame

4 - Front side airbag with side airbag igniter on driver side - N199-

- ☐ Front passenger side: front side airbag with side airbag igniter on front passenger side - N200-



WARNING

Follow safety regulations for pyrotechnic components ⇒ [page 1](#).

- ☐ Removing and installing ⇒ [page 71](#)

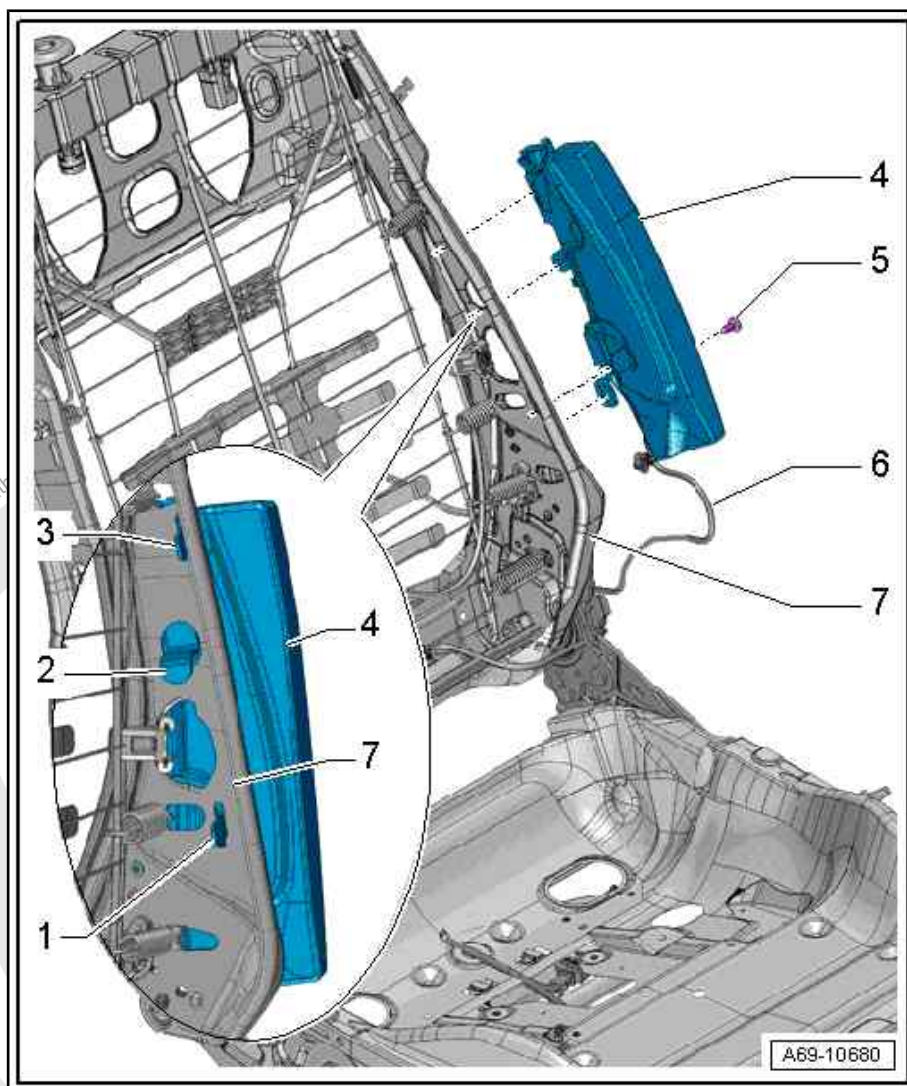
5 - Bolt

- ☐ 8 Nm

6 - Wiring harness

- ☐ From side airbag igniter on driver side - N199- / side airbag igniter on front passenger side - N200- to coupling station

7 - Backrest frame



6.2 Removing and installing front side airbag with igniter

Side airbag igniter on driver side - N199- / side airbag igniter on front passenger side - N200-



Removing



WARNING

- ◆ **Always observe the safety regulations when working with pyrotechnic components ➔ [page 1](#) .**
- ◆ **Also observe the additional safety regulations for the side airbag ➔ [page 3](#) .**
- ◆ **Observe the regulations relating to the storage, transportation and disposal of airbag, belt tensioner and battery isolator units (pyrotechnic components) ➔ [page 2](#) .**

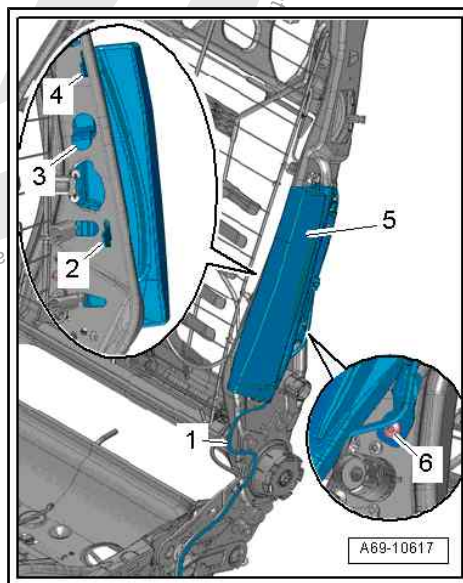
- Remove front seat ➔ [page 173](#) .
- Pull off backrest upholstery in the area of the side airbag far enough that the side airbag is easily accessible.
- Unscrew bolt -6-.
- Detach hooks -2, 3 and 4- from backrest frame and remove side airbag -5-.



WARNING

Before handling pyrotechnic components (e.g. separating the electrical connector), the person handling them must ensure that he/she is "electrically discharged". To do this briefly touch, for example, the door striker plate.

- Using a small screwdriver, carefully pull out connector locking mechanism and pull off electrical connector.
- The wiring harness -1- for the side airbag remains on the seat.



Installing

Install in reverse order of removal, observing the following:



WARNING

- ◆ **Follow safety regulations for pyrotechnic components ➔ [page 1](#) .**
- ◆ **Before handling pyrotechnic components (e.g. connecting the electrical connector), the person handling them must ensure that he/she is "electrically discharged". To do this briefly touch, for example, the door striker plate.**

Installation tips: for example tightening torques, renewing components ➔ [page 71](#)

7 Airbag crash sensors

⇒ [“7.1 Overview of fitting locations - airbag crash sensors”, page 73](#)

⇒ [“7.2 Removing and installing front airbag crash sensor”, page 74](#)

⇒ [“7.3 Removing and installing front side airbag crash sensor”, page 76](#)

7.1 Overview of fitting locations - airbag crash sensors



Note

Installation location overview shows a 2-door model.

1 - Front airbag crash sensor for driver side - G283-

- ☐ Location: in lock carrier in centre of vehicle
- ☐ Removing and installing ⇒ [page 74](#)

2 - Bolt

- ☐ 9 Nm

3 - Side airbag crash sensor, front passenger side - G180-

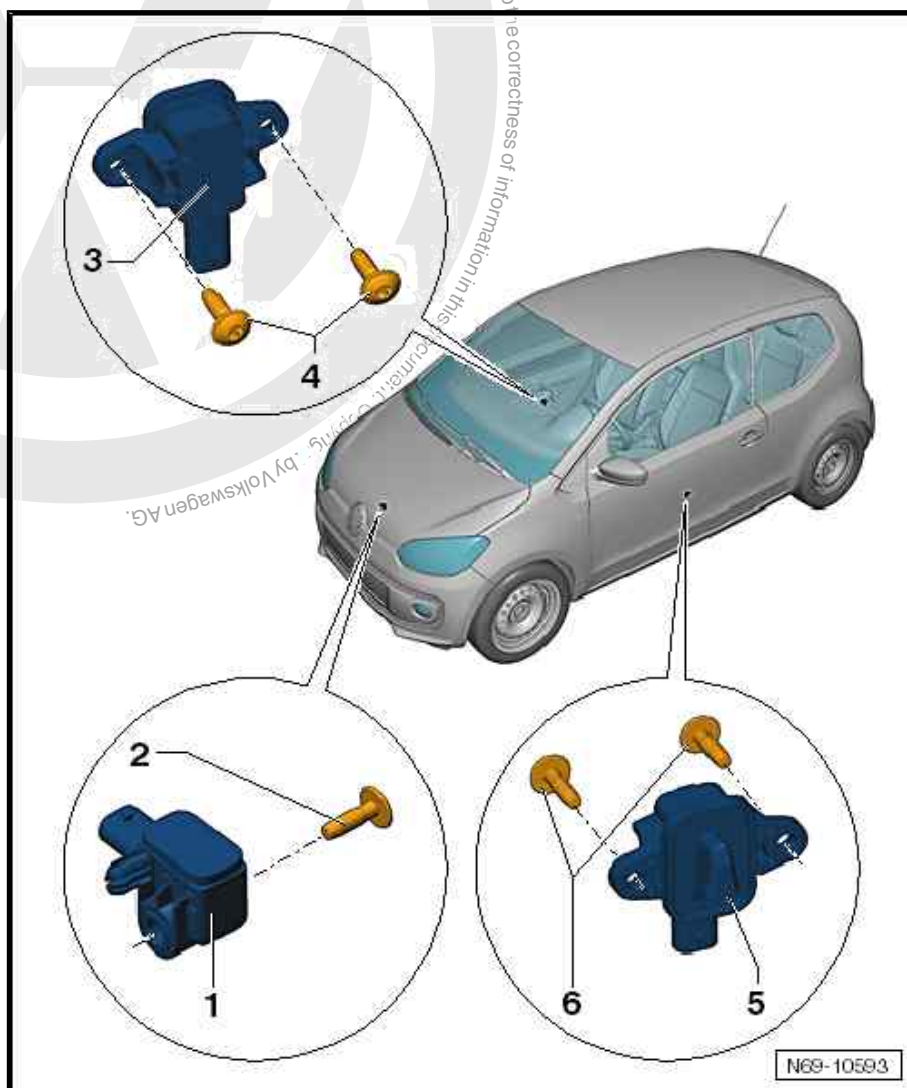
- ☐ Fitting location, 2-door model: below door trim
- ☐ Fitting location, 4-door model: below sill moulding
- ☐ Removing and installing ⇒ [page 76](#)
- ☐ Safety precautions when handling crash sensors (pressure sensors) for front side airbags ⇒ [page 4](#)

4 - Bolt

- ☐ 2-door model: 2 bolts
- ☐ 2-door model: 1 Nm
- ☐ 4-door model: 1 bolt
- ☐ 4-door model: 9 Nm

5 - Side airbag crash sensor, driver side - G179-

- ☐ Fitting location, 2-door model: below door trim
- ☐ Fitting location, 4-door model: below sill moulding
- ☐ Removing and installing ⇒ [page 76](#)
- ☐ Safety precautions when handling crash sensors (pressure sensors) for front side airbags ⇒ [page 4](#)





6 - Bolt

- ☐ 2-door model: 2 bolts
- ☐ 2-door model: 1 Nm
- ☐ 4-door model: 1 bolt
- ☐ 4-door model: 9 Nm

7.2 Removing and installing front airbag crash sensor



Note

The front airbag crash sensor for driver side - G283- is installed in the centre of the vehicle, by contrast with what is implied in its name.

Removing



WARNING

Follow safety regulations for pyrotechnic components
⇒ page 1.

- Disconnect battery earth cable with ignition switched on ⇒ Electrical system; Rep. gr. 27 ; Battery; Connecting and disconnecting battery .



Caution

On vehicles with high-voltage battery, a voltage test of the 12 V electrical system must be performed after the 12 V battery is disconnected. If voltage is detected, the high-voltage system must be de-energised.

- Open bonnet.



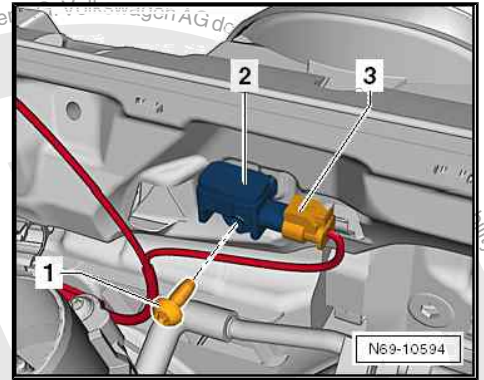
- Unscrew bolt -1- and remove front airbag crash sensor for driver side - G283- -2-.



WARNING

Before handling pyrotechnic components (e.g. separating the electrical connector), the person handling them must ensure that he/she is "electrically discharged". To do this briefly touch, for example, the door striker plate.

- Pull out connector locking mechanism and press down, unplug connector -3- from front airbag crash sensor on driver side - G283- -2-.



Installing



WARNING

- ◆ *Follow safety regulations for pyrotechnic components ➔ [page 1](#).*
- ◆ *Before handling pyrotechnic components (e.g. connecting the electrical connector), the person handling them must ensure that he/she is "electrically discharged". To do this briefly touch, for example, the door striker plate.*

Install in reverse order of removal, observing the following:



Note

- ◆ *Ensure electrical connector is pushed fully onto stop and engages audibly.*
- ◆ *Ensure that no cables are trapped.*



WARNING

Battery must be connected with ignition switched on. If pyrotechnic components (e.g. airbag, seat belt tensioners) are repaired incorrectly, they may be accidentally triggered after the battery is connected. Ensure that nobody is in vehicle when connecting battery.

- Connect battery earth cable with ignition switched on ➔ Electrical system; Rep. gr. 27 ; Battery; Connecting and disconnecting battery .



Note

If airbag warning lamp - K75- indicates a fault following installation, event memory must be read, cleared and read again ➔ Vehicle diagnostic tester.

Installation tips: for example tightening torques, renewing components ➔ [page 73](#)



7.3 Removing and installing front side air-bag crash sensor

Side airbag crash sensor on driver side - G179- / side airbag crash sensor on front passenger side - G180-

Removing, 2-door model



WARNING

- ◆ *Follow safety regulations for pyrotechnic components ➔ [page 1](#) .*
- ◆ *Observe safety precautions for crash sensors (pressure sensors) for front side airbags ➔ [page 4](#) .*

- Disconnect battery earth cable with ignition switched on ➔ Electrical system; Rep. gr. 27 ; Connecting and disconnecting battery; Disconnecting battery .



Caution

On vehicles with high-voltage battery, a voltage test of the 12 V electrical system must be performed after the 12 V battery is disconnected. If voltage is detected, the high-voltage system must be de-energised.





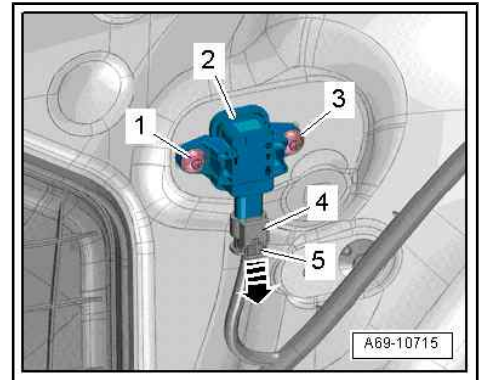
- Remove door trim ➔ [page 88](#) .



WARNING

Before handling pyrotechnic components (e.g. separating the electrical connector), the person handling them must ensure that he/she is "electrically discharged". To do this briefly touch, for example, the door striker plate.

- Pull out connector mechanism -5- -arrow- and press down, then unplug electrical connector -4- from crash sensor.
- Unscrew bolts -1, 3- and remove crash sensor -2- for side air-bag.



Installing, 2-door model



WARNING

- ◆ Follow safety regulations for pyrotechnic components ➔ [page 1](#) .
- ◆ Observe safety precautions for crash sensors (pressure sensors) for front side airbags ➔ [page 4](#) .
- ◆ Before handling pyrotechnic components (e.g. connecting the electrical connector), the person handling them must ensure that he/she is "electrically discharged". To do this briefly touch, for example, the door striker plate.

Install in reverse order of removal, observing the following:



Note

- ◆ Ensure electrical connector is pushed fully onto stop and engages audibly.
- ◆ For the crash sensor (pressure sensor) to function properly, it is vital to ensure that the door forms an effective seal.
- ◆ All components (e.g. cover, speakers, door trim) must be correctly fitted.
- ◆ The door trim retaining clips seal the system. If necessary, renew the retaining clips.
- ◆ Ensure that no cables are trapped.



WARNING

Battery must be connected with ignition switched on. If pyrotechnic components (e.g. airbag, seat belt tensioners) are repaired incorrectly, they may be accidentally triggered after the battery is connected. Ensure that nobody is in vehicle when connecting battery.

- Connect battery earth cable with ignition switched on ➔ Electrical system; Rep. gr. 27; Battery; Connecting and disconnecting battery .



Note

If airbag warning lamp - K75- indicates a fault following installation, event memory must be read, cleared and read again ⇒ Vehicle diagnostic tester.

Installation tips: for example tightening torques, renewing components ⇒ [page 73](#)

Removing, 4-door model



WARNING

- ♦ **Follow safety regulations for pyrotechnic components** ⇒ [page 1](#) .
- ♦ **Observe safety precautions for crash sensors for front side airbags** ⇒ [page 4](#) .

- Disconnect battery earth cable with ignition switched on ⇒ Electrical system; Rep. gr. 27 ; Connecting and disconnecting battery; Disconnecting battery .



Caution

On vehicles with high-voltage battery, a voltage test of the 12 V electrical system must be performed after the 12 V battery is disconnected. If voltage is detected, the high-voltage system must be de-energised.

- Remove sill moulding, 4-door model ⇒ [page 125](#) .



WARNING

Before handling pyrotechnic components (e.g. separating the electrical connector), the person handling them must ensure that he/she is "electrically discharged". To do this briefly touch, for example, the door striker plate.



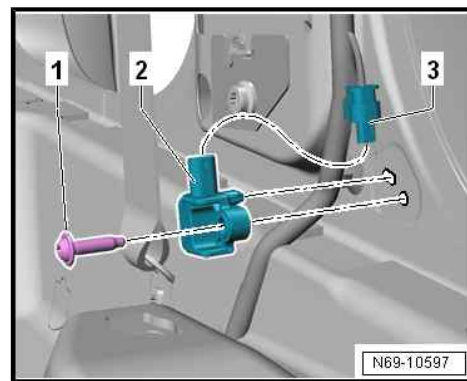
- Release connector lock and disconnect connector -3- from crash sensor -2-.
- Unscrew bolt -1- and remove crash sensor -2- for side airbag.

Installing, 4-door model



WARNING

- ◆ Follow safety regulations for pyrotechnic components ➔ [page 1](#).
- ◆ Observe safety precautions for crash sensors for front side airbags ➔ [page 4](#).
- ◆ Before handling pyrotechnic components (e.g. connecting the electrical connector), the person handling them must ensure that he/she is "electrically discharged". To do this briefly touch, for example, the door striker plate.



Install in reverse order of removal, observing the following:



Note

- ◆ Ensure electrical connector is pushed fully onto stop and engages audibly.
- ◆ Ensure that no cables are trapped.



WARNING

Battery must be connected with ignition switched on. If pyrotechnic components (e.g. airbag, seat belt tensioners) are repaired incorrectly, they may be accidentally triggered after the battery is connected. Ensure that nobody is in vehicle when connecting battery.

- Connect battery earth cable with ignition switched on ➔ Electrical system; Rep. gr. 27 ; Battery; Connecting and disconnecting battery .



Note

If airbag warning lamp - K75- indicates a fault following installation, event memory must be read, cleared and read again ➔ Vehicle diagnostic tester.

Installation tips: for example tightening torques, renewing components ➔ [page 73](#)



8 Seat belt verification

⇒ ["8.1 Removing and installing seat occupied sensor"](#),
[page 80](#)

8.1 Removing and installing seat occupied sensor



Note

The seat occupied sensor, front passenger side - G128- is only installed in the front passenger seat.

Removing, version 1



WARNING

- ◆ *Follow safety regulations for pyrotechnic components
⇒ [page 1](#) .*
- ◆ *Before handling pyrotechnic components (e.g. separating the electrical connector), the person handling them must ensure that he/she is "electrically discharged". To do this briefly touch, for example, the door striker plate.*

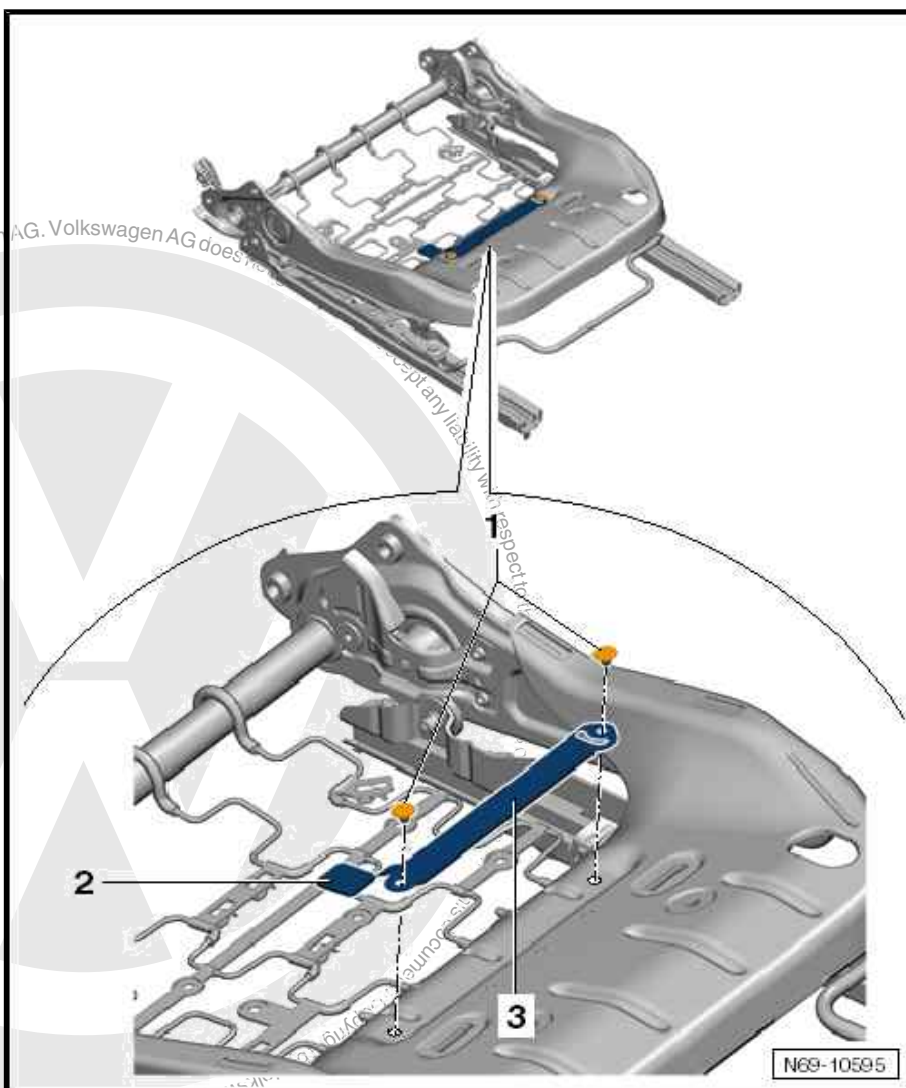
- Disconnect battery earth cable with ignition switched on ⇒ Electrical system; Rep. gr. 27 ; Battery; Connecting and disconnecting battery .



Caution

On vehicles with high-voltage battery, a voltage test of the 12 V electrical system must be performed after the 12 V battery is disconnected. If voltage is detected, the high-voltage system must be de-energised.

- Remove front seat ⇒ [page 173](#) .
- Remove front belt buckle ⇒ [page 53](#) .
- Remove front seat trims ⇒ [page 173](#) .
- Remove front seat backrest ⇒ [page 189](#) .
- Remove seat cover and padding from seat pan ⇒ [page 204](#) .
- Unclip clips -1- from seat frame.
- Remove seat occupied sensor -3- with circuit board -3- from seat frame.



Installing, version 1



WARNING

- ◆ **Follow safety regulations for pyrotechnic components**
⇒ [page 1](#).
- ◆ **Before handling pyrotechnic components (e.g. connecting the electrical connector), the person handling them must ensure that he/she is "electrically discharged". To do this briefly touch, for example, the door striker plate.**

Install in the reverse order of removal observing the following:



Note

Ensure electrical connector is pushed fully onto stop and engages audibly.



WARNING

Battery must be connected with ignition switched on. If pyrotechnic components (e.g. airbag, seat belt tensioners) are repaired incorrectly, they may be accidentally triggered after the battery is connected. Ensure that nobody is in vehicle when connecting battery.

- Connect battery earth cable with ignition switched on ⇒ Electrical system; Rep. gr. 27 ; Battery; Connecting and disconnecting battery .



Note

If airbag warning lamp - K75- indicates a fault following installation, event memory must be read, cleared and read again ⇒ Vehicle diagnostic tester.

In event of repairs, seat occupied sensor, front passenger side - G128- of "version 1" can be replaced by seat occupied sensor, front passenger side - G128- of "version 2". Allocation ⇒ Electronic parts catalogue

Removing, version 2



WARNING

- ◆ ***Follow safety regulations for pyrotechnic components ⇒ [page 1](#) .***
- ◆ ***Before handling pyrotechnic components (e.g. separating the electrical connector), the person handling them must ensure that he/she is "electrically discharged". To do this briefly touch, for example, the door striker plate.***

- Disconnect battery earth cable with ignition switched on ⇒ Electrical system; Rep. gr. 27 ; Battery; Connecting and disconnecting battery .



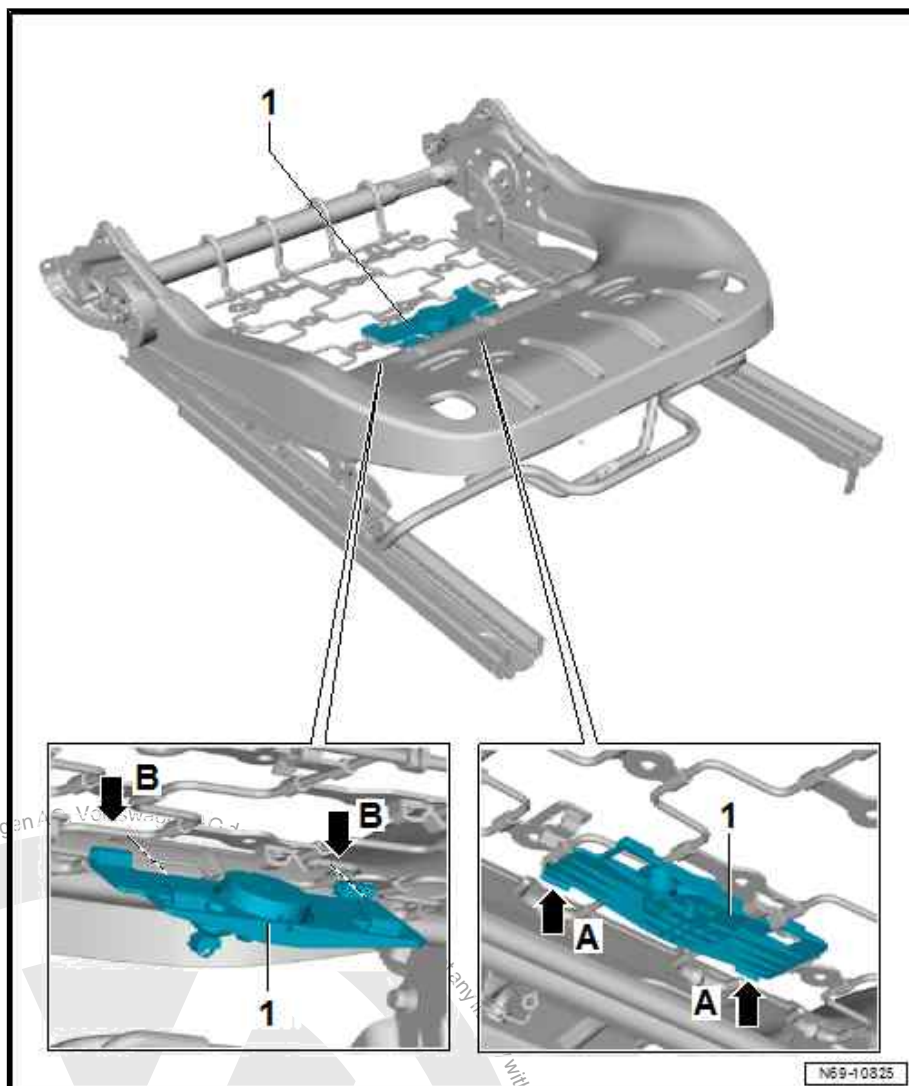
Caution

On vehicles with high-voltage battery, a voltage test of the 12 V electrical system must be performed after the 12 V battery is disconnected. If voltage is detected, the high-voltage system must be de-energised.

- Remove front seat ⇒ [page 173](#) .
- Remove front belt buckle ⇒ [page 53](#) .
- Remove front seat trims ⇒ [page 173](#) .
- Remove front seat backrest ⇒ [page 189](#) .
- Remove seat cover and padding from seat pan ⇒ [page 204](#) .
- Unclip seat occupied sensor, front passenger side - G128-1- from cross-wires of wire mat -arrows A-, and fold it up slightly.
- Detach seat occupied sensor, front passenger side - G128-1- from cross-wires of wire mat -arrows B-.



- Disconnect seat occupied sensor, front passenger side - G128- .



Installing, version 2



WARNING

- ◆ **Follow safety regulations for pyrotechnic components**
⇒ [page 1](#) .
- ◆ **Before handling pyrotechnic components (e.g. connecting the electrical connector), the person handling them must ensure that he/she is "electrically discharged". To do this briefly touch, for example, the door striker plate.**

Install in the reverse order of removal observing the following:



Note

Ensure electrical connector is pushed fully onto stop and engages audibly.



WARNING

Battery must be connected with ignition switched on. If pyrotechnic components (e.g. airbag, seat belt tensioners) are repaired incorrectly, they may be accidentally triggered after the battery is connected. Ensure that nobody is in vehicle when connecting battery.

- Connect battery earth cable with ignition switched on ⇒ Electrical system; Rep. gr. 27 ; Battery; Connecting and disconnecting battery .



Note

If airbag warning lamp - K75- indicates a fault following installation, event memory must be read, cleared and read again ⇒ Vehicle diagnostic tester.



70 – Trim, insulation

1 Door trims

- ⇒ [“1.1 Assembly overview - front door trim”, page 85](#)
- ⇒ [“1.2 Removing and installing front door trim”, page 88](#)
- ⇒ [“1.3 Removing and installing mirror cover trim”, page 90](#)
- ⇒ [“1.4 Removing and installing speaker damping”, page 91](#)
- ⇒ [“1.5 Assembly overview - rear door trim”, page 92](#)
- ⇒ [“1.6 Removing and installing rear door trim”, page 94](#)

1.1 Assembly overview - front door trim

- ⇒ [“1.1.1 Assembly overview - front door trim, vehicles without electric window regulator”, page 85](#)
- ⇒ [“1.1.2 Assembly overview - front door trim, vehicles with electric window regulators”, page 86](#)

1.1.1 Assembly overview - front door trim, vehicles without electric window regulator



Note

- ◆ *The assembly overview is shown for the driver side.*
- ◆ *The assembly overview for the front passenger side is analogous.*



1 - Front door trim

- ❑ Removing and installing
⇒ [page 88](#)

2 - Interior door handle

- ❑ Can only be renewed together with front door trim

3 - Mirror cover trim

- ❑ Removing and installing
⇒ [page 90](#)

4 - Operating handle

- ❑ For manually adjustable exterior mirror
- ❑ Removing and installing
⇒ General body repairs, exterior; Rep. gr. 66 ;
Exterior mirror; Assembly overview - exterior mirror

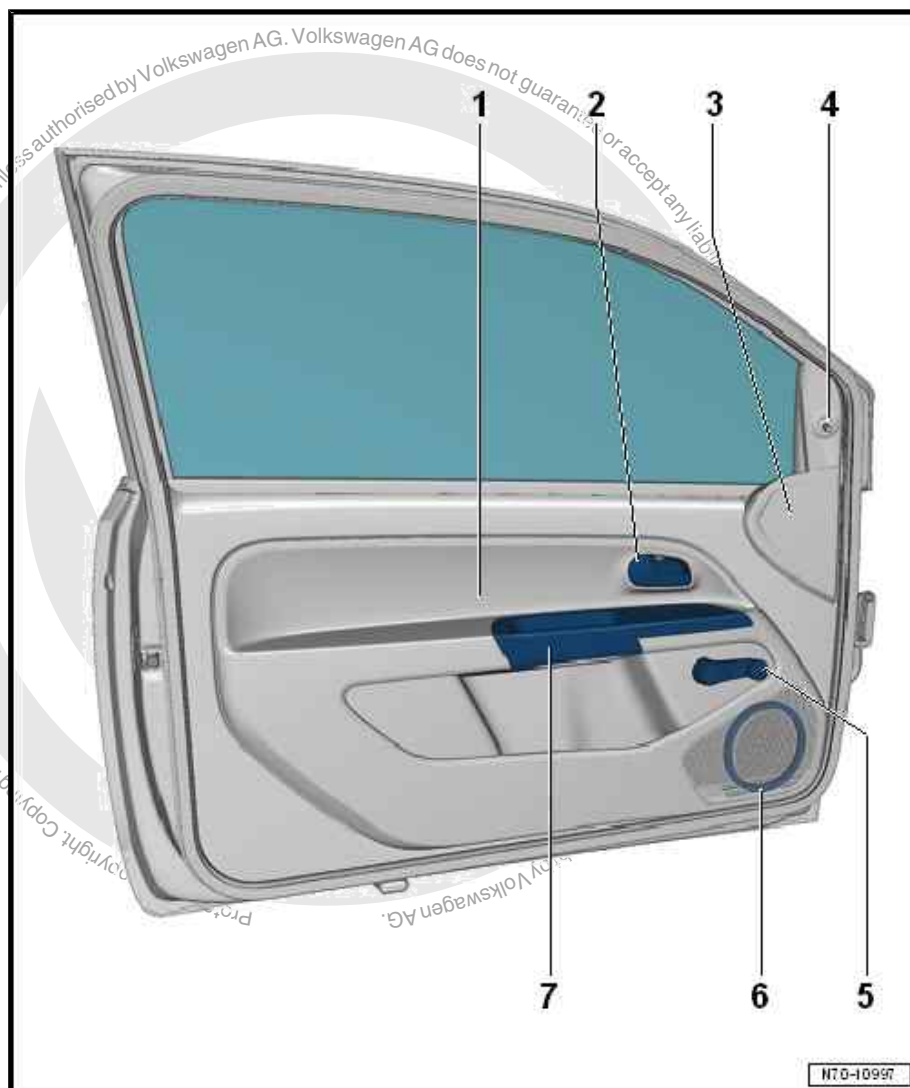
5 - Window crank

- ❑ Removing and installing
⇒ General body repairs, exterior; Rep. gr. 64 ;
Window regulator; Removing and installing front window crank

6 - Speaker damping

- ❑ Removing and installing
⇒ [page 91](#)

7 - Handle



1.1.2 Assembly overview - front door trim, vehicles with electric window regulators



Note

- ◆ The assembly overview is shown for the driver side.
- ◆ The assembly overview for the front passenger side is analogous.



1 - Front door trim

- ❑ Removing and installing
⇒ [page 88](#)

2 - Interior door handle

- ❑ Can only be renewed together with front door trim

3 - Mirror cover trim

- ❑ Removing and installing
⇒ [page 90](#)

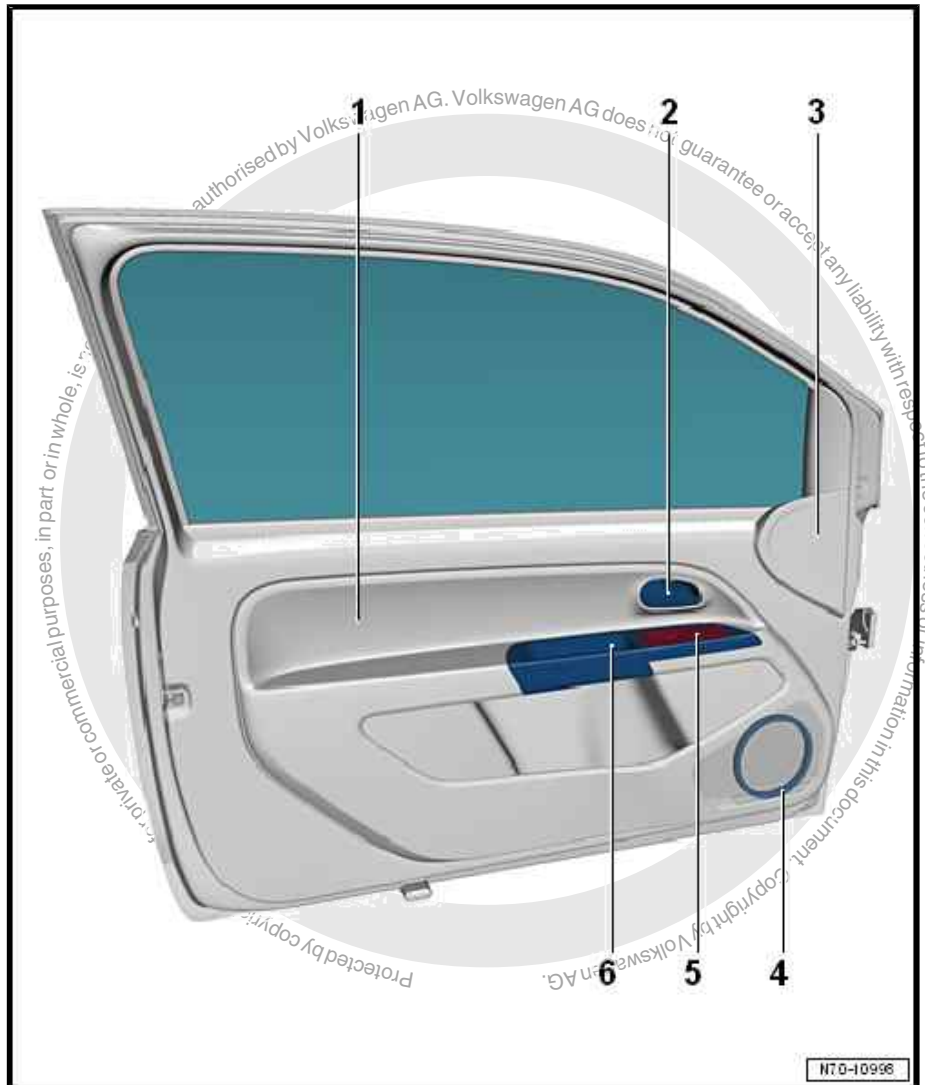
4 - Speaker damping

- ❑ Removing and installing
⇒ [page 91](#)

5 - Switch module

- ❑ Removing and installing
⇒ Electrical system;
Rep. gr. 96 ; Lights and controls in front doors

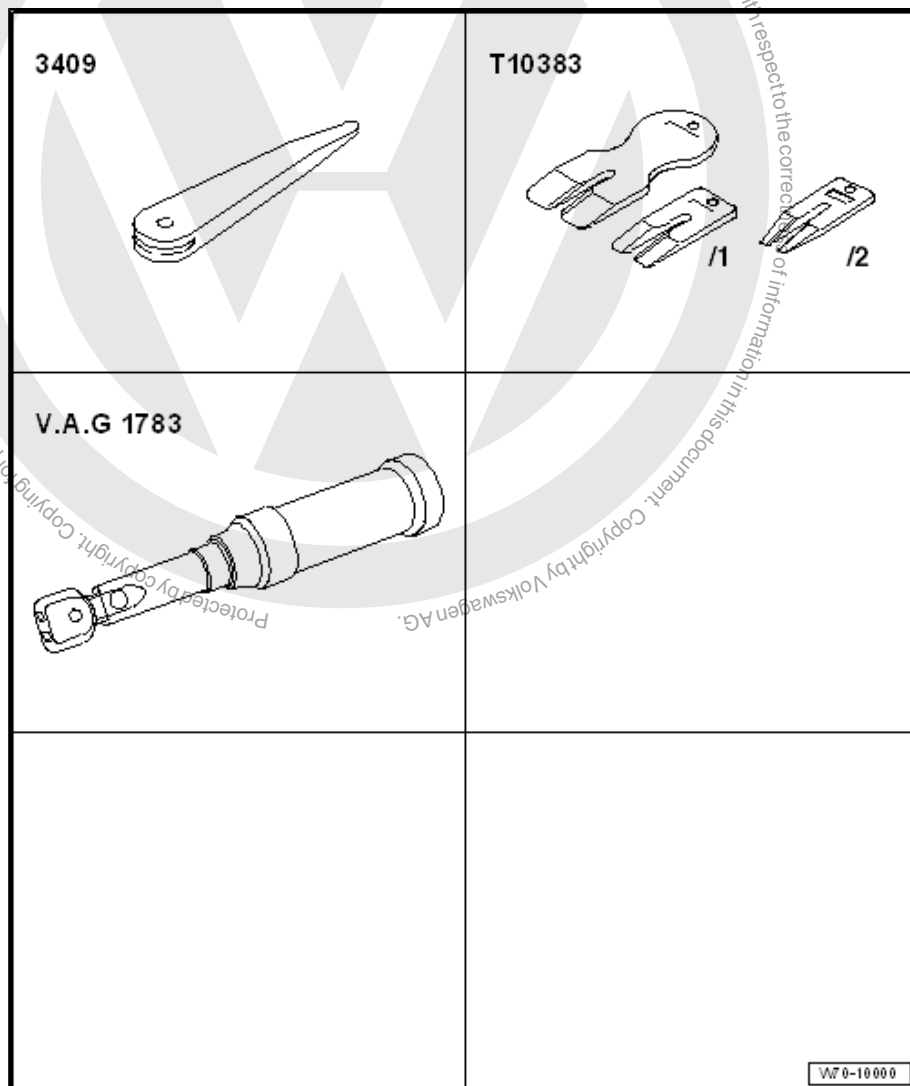
6 - Handle





1.2 Removing and installing front door trim

Special tools and workshop equipment required



- ◆ Removal wedge - 3409-
- ◆ Wedges - T10383-
- ◆ Torque wrench - V.A.G 1783-



Note

- ◆ *Removal and installation is described for the driver side. Removal and installation on the front passenger side is analogous.*
- ◆ *The removal and installation are illustrated for 2-door vehicles. The removal and installation on 4-door vehicles are analogous.*

Removing

Vehicles without electric window regulator

- Remove window crank ⇒ General body repairs, exterior; Rep. gr. 64 ; Window regulator; Removing and installing front window crank .



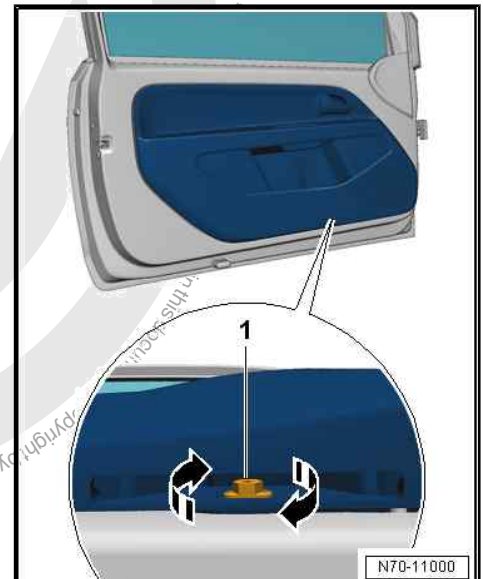
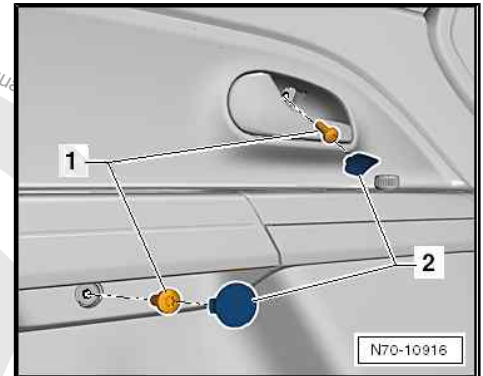
Vehicles with electric window regulators

- Switch off ignition and all electrical consumers, and withdraw ignition key.

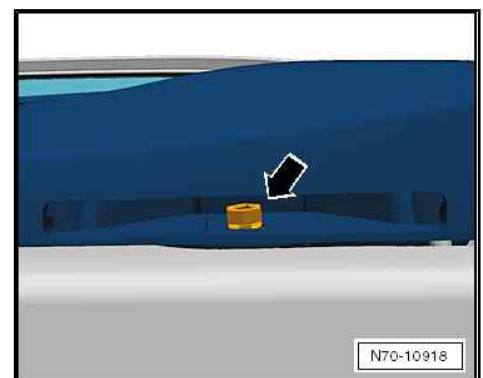
Continued for all vehicles

- Unclip caps -2- using removing wedge - 3409- and unscrew bolts -1- (4.5 Nm).

- Release retaining clip -1- by turning it 90° -arrows- using a 10 mm open-end spanner.



- Retaining clip -arrow- is released.



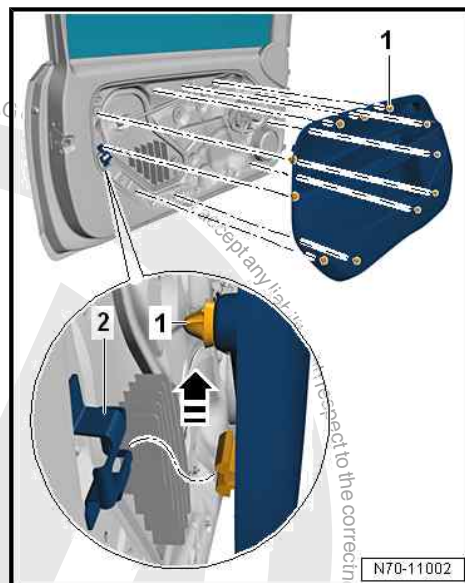


- Release door trim from clip connections -1- using wedges - T10383- .
- Push door trim in direction of travel -arrow- out of retaining clip -2-.
- Remove door trim from door.

Vehicles with electric window regulators

- Disconnect connectors from switch module, depending on vehicle equipment.

Continued for all vehicles



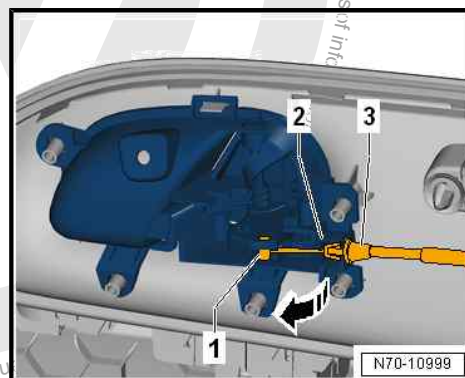
- Release locking lugs of Bowden cable -3- from inner door handle -2-.
- Pull Bowden cable -3- towards rear in -direction of arrow- and detach it from inner door handle -2-.
- Detach end of cable -1- interior door handle -2-.

Installing



Note

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



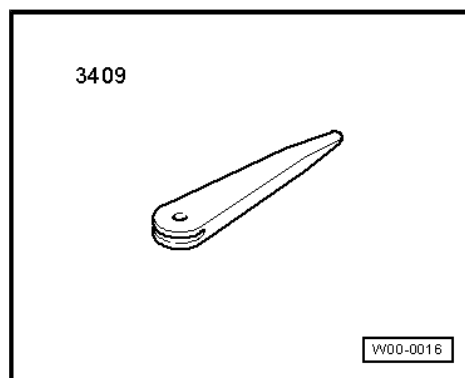
Install in the reverse order of removal observing the following:

- When fitting the door trim, first insert the locking lug of the door trim into the retaining clip.
- Always insert cap for door trim bolt with locking lug facing downwards.

1.3 Removing and installing mirror cover trim

Special tools and workshop equipment required

- ♦ Removal wedge - 3409-





Note

Removal and installation is described for the driver side. Removal and installation on the front passenger side is analogous.

Removing

Vehicles with manually adjustable exterior mirrors

- Remove operating handle ⇒ General body repairs, exterior; Rep. gr. 66 ; Exterior mirror; Assembly overview - exterior mirror .

Continued for all vehicles

- Release mirror cover -1- from clip connections -3- using removing wedge - 3409- .
- Remove mirror cover trim -1- together with insulation -2- from door.
- Disconnect connectors, depending on vehicle equipment.

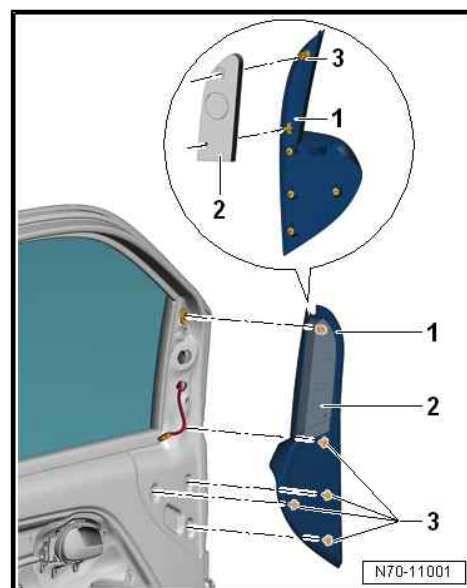
Installing



Note

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

- Installation is carried out in the reverse sequence of removal.



1.4 Removing and installing speaker damping



Note

Removal and installation is described for the front passenger side. Removal and installation on the driver side is analogous.

Removing

Loudspeaker insulation in front door trim

- Remove front door trim ⇒ [page 88](#) .

Loudspeaker insulation in rear door trim

- Remove rear door trim ⇒ [page 94](#) .

Loudspeaker insulation in side trim

- Remove side trim panel.

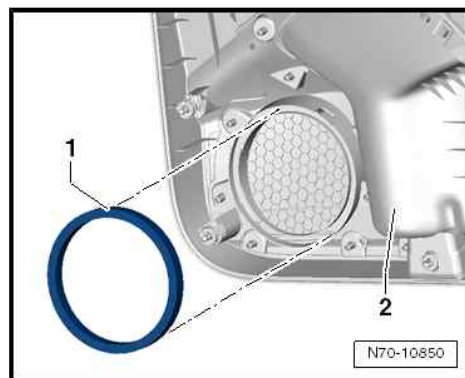


Continuation for all

- Remove loudspeaker insulation -1- from trim -2-.

Installing

- Installation is carried out in the reverse sequence of removal.



1.5 Assembly overview - rear door trim

⇒ [“1.5.1 Assembly overview - rear door trim”, page 92](#)

⇒ [“1.5.2 Assembly overview - rear door trim, load-up!”, page 93](#)

1.5.1 Assembly overview - rear door trim



Note

- ◆ *The assembly overview is shown for the driver side.*
- ◆ *The assembly overview for the front passenger side is analogous.*



1 - Rear door trim

- ☐ Removing and installing
⇒ [page 95](#)

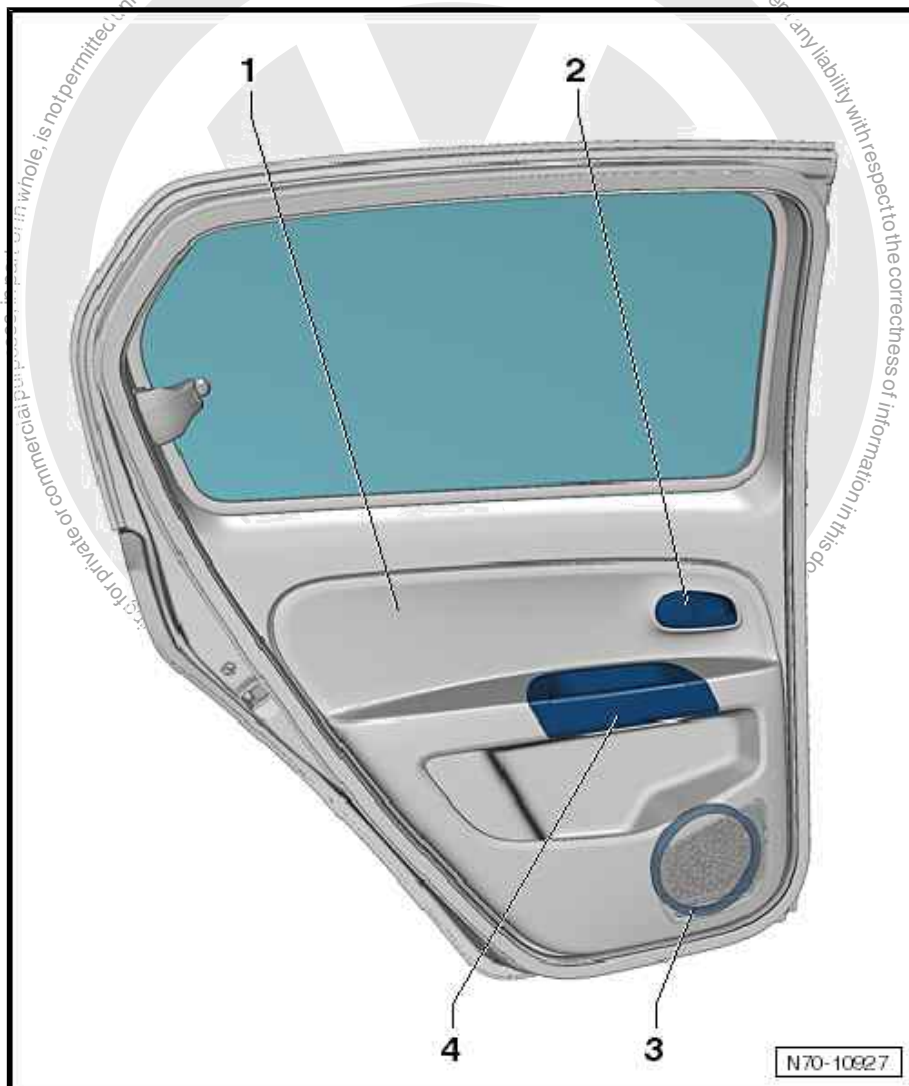
2 - Interior door handle

- ☐ Can only be renewed together with rear door trim

3 - Speaker damping

- ☐ Removing and installing
⇒ [page 91](#)

4 - Handle



1.5.2 Assembly overview - rear door trim, load-up!



Note

- ◆ The assembly overview is shown for the driver side.
- ◆ The assembly overview for the front passenger side is analogous.

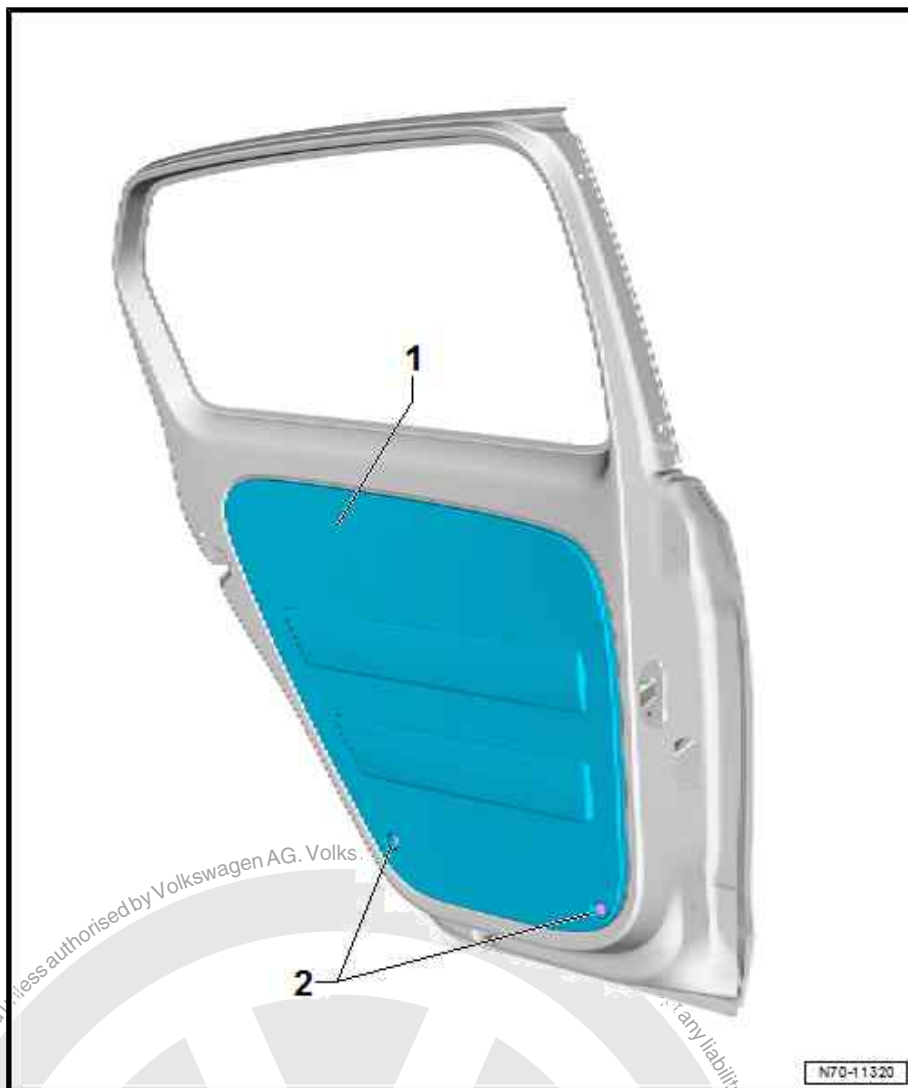


1 - Rear door trim

- Removing and installing
⇒ [page 97](#)

2 - Fastener

- Qty. 2



1.6 Removing and installing rear door trim

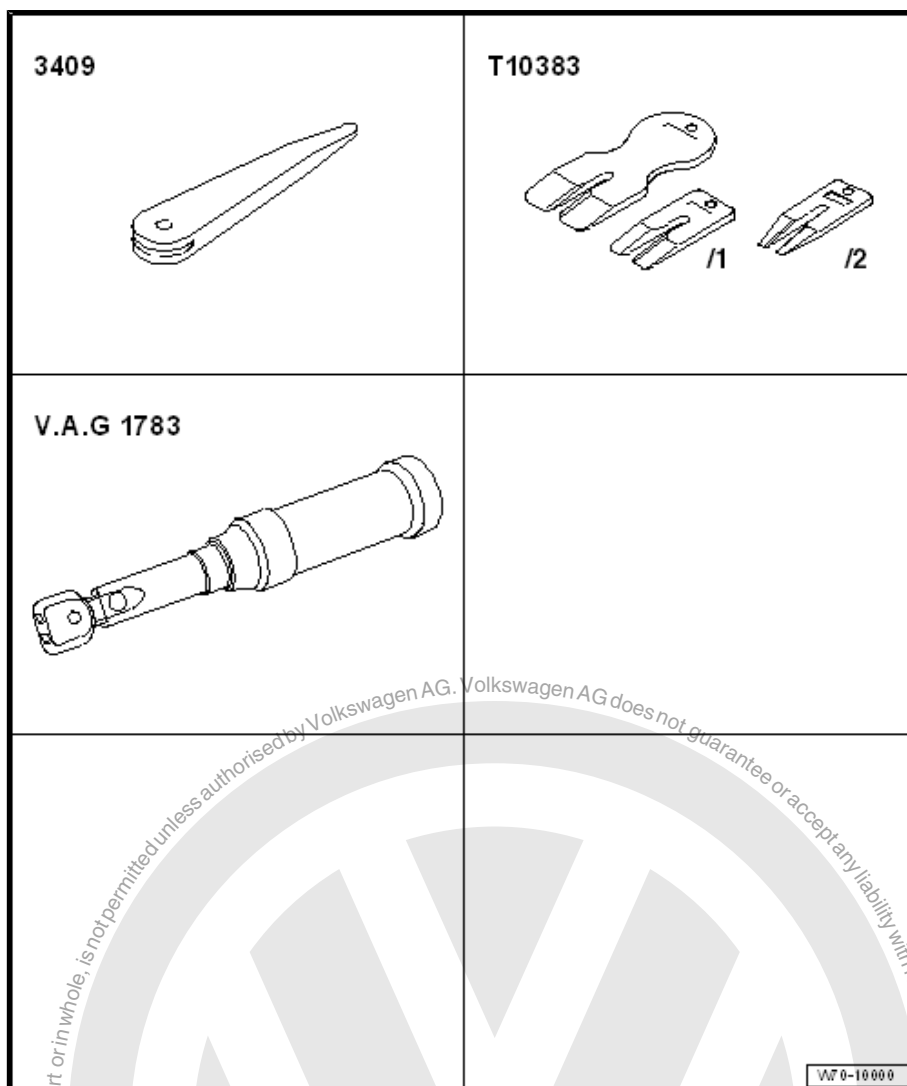
⇒ [“1.6.1 Removing and installing rear door trim”, page 95](#)

⇒ [“1.6.2 Removing and installing rear door trim, load-up!”, page 97](#)



1.6.1 Removing and installing rear door trim

Special tools and workshop equipment required



- ◆ Removal wedge - 3409-
- ◆ Wedges - T10383-
- ◆ Torque wrench - V.A.G 1783-



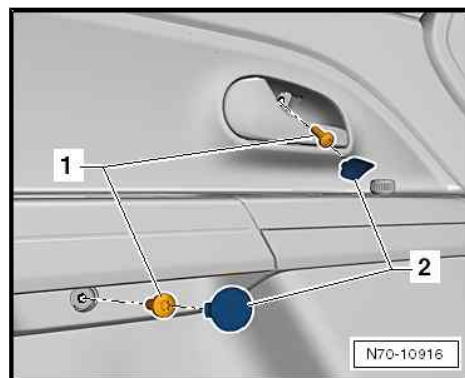
Note

Removal and installation is described for the driver side. Removal and installation on the front passenger side is analogous.

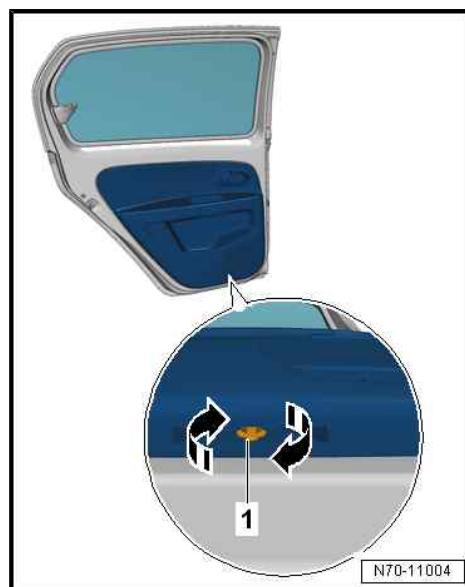


Removing

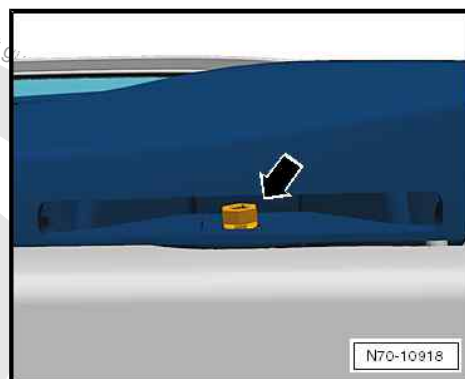
- Unclip caps -2- using removing wedge - 3409- and unscrew bolts -1- (4.5 Nm).



- Release retaining clip -1- by turning it 90° -arrows- using a 10 mm open-end spanner.

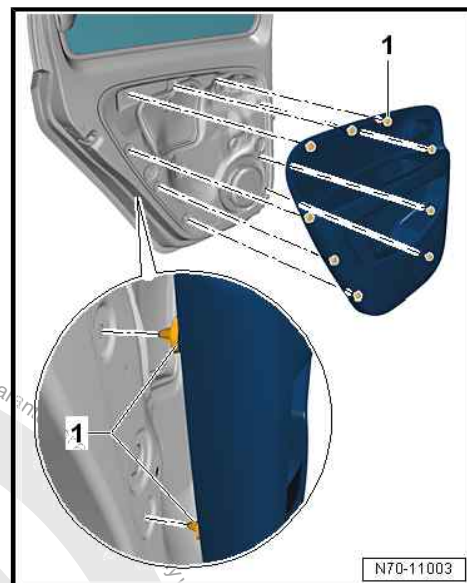


- Retaining clip -arrow- is released.





- Release door trim from clip connections -1- using wedges - T10383- .
- Remove door trim from door.



- Release locking lugs of Bowden cable -3- from inner door handle -2-
- Pull Bowden cable -3- towards rear in -direction of arrow- and detach it from inner door handle -2-.
- Detach end of cable -1- interior door handle -2-.

Installing

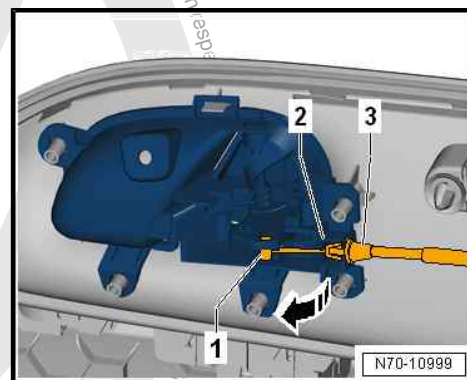


Note

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

Install in the reverse order of removal observing the following:

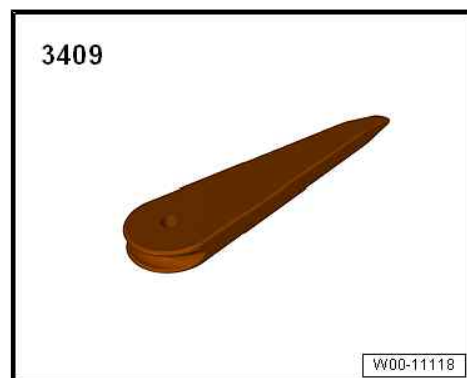
- Always insert cap for door trim bolt with locking lug facing downwards.



1.6.2 Removing and installing rear door trim, load-up!

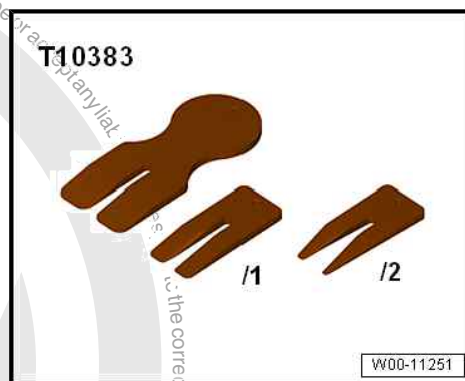
Special tools and workshop equipment required

- ◆ Removal wedge - 3409-

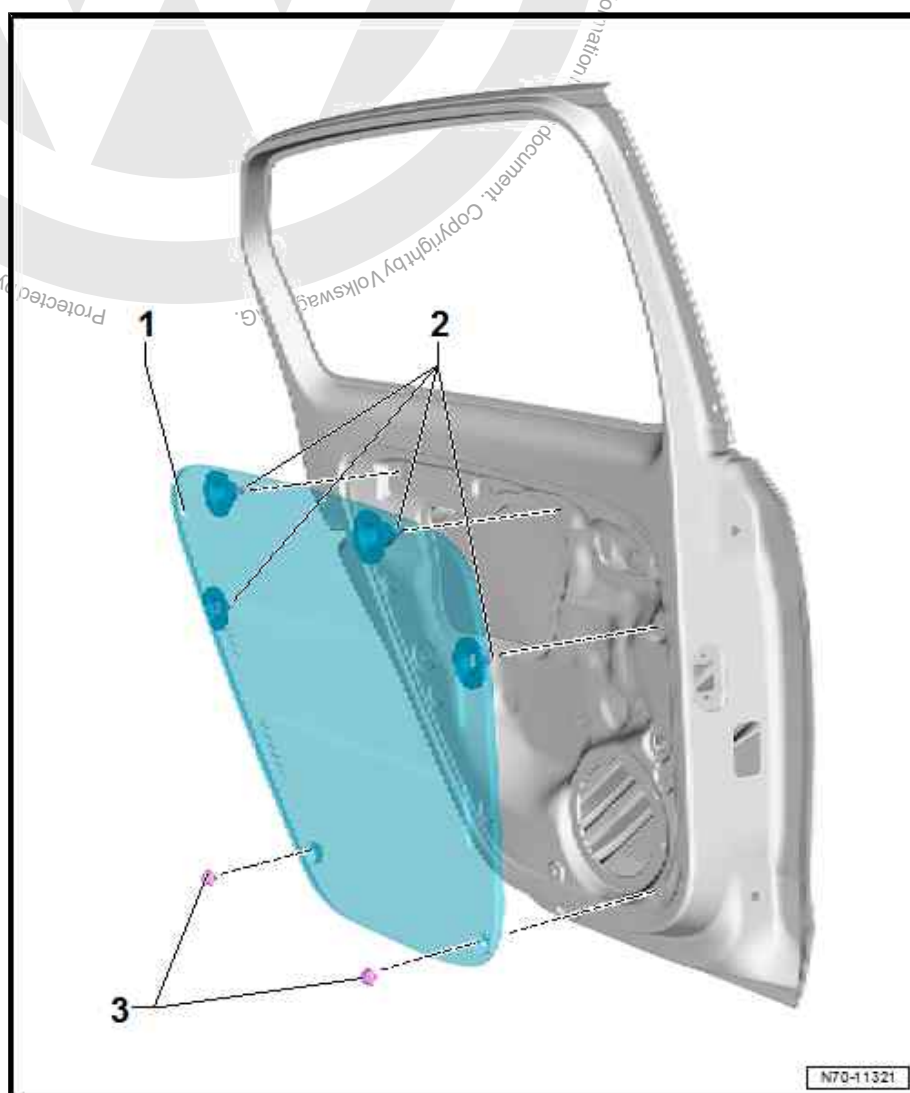




◆ Wedges - T10383



Removing



- Release door trim -1- from clips -2- using wedge - T10383- .
- Push out internal clips -2- using removal wedge - 3409- .
- Remove external clips -3- from door trim using removal wedge - 3409- .
- Remove door trim -1- from door.



Installing



Note

- ◆ *Removal and installation is described for the driver side. Removal and installation on the front passenger side is analogous.*
- ◆ *Before installing, check fasteners for damage and renew if necessary.*

Installation is carried out in the reverse sequence of removal.



2 Dash panel

⇒ [“2.1 Assembly overview - dash panel”, page 100](#)

⇒ [“2.2 Removing and installing dash panel end cover”, page 100](#)

⇒ [“2.3 Removing and installing radio/navigation system blanking plate”, page 101](#)

⇒ [“2.4 Removing and installing dash panel”, page 103](#)

⇒ [“2.5 Aligning dash panel in vehicle”, page 108](#)

2.1 Assembly overview - dash panel

1 - Dash panel

- ❑ Removing and installing
⇒ [page 103](#)

2 - Dash panel insert

- ❑ Removing and installing
⇒ Electrical system;
Rep. gr. 90 ; Dash panel
insert; Removing and in-
stalling dash panel in-
sert

3 - Mounting frame for radio/ navigation system

- ❑ Depending on equip-
ment
- ❑ Removing and installing
⇒ [page 101](#)

4 - Dash panel end cover

- ❑ Removing and installing
⇒ [page 100](#)

5 - Dash panel cover on front passenger side/glove com- partment

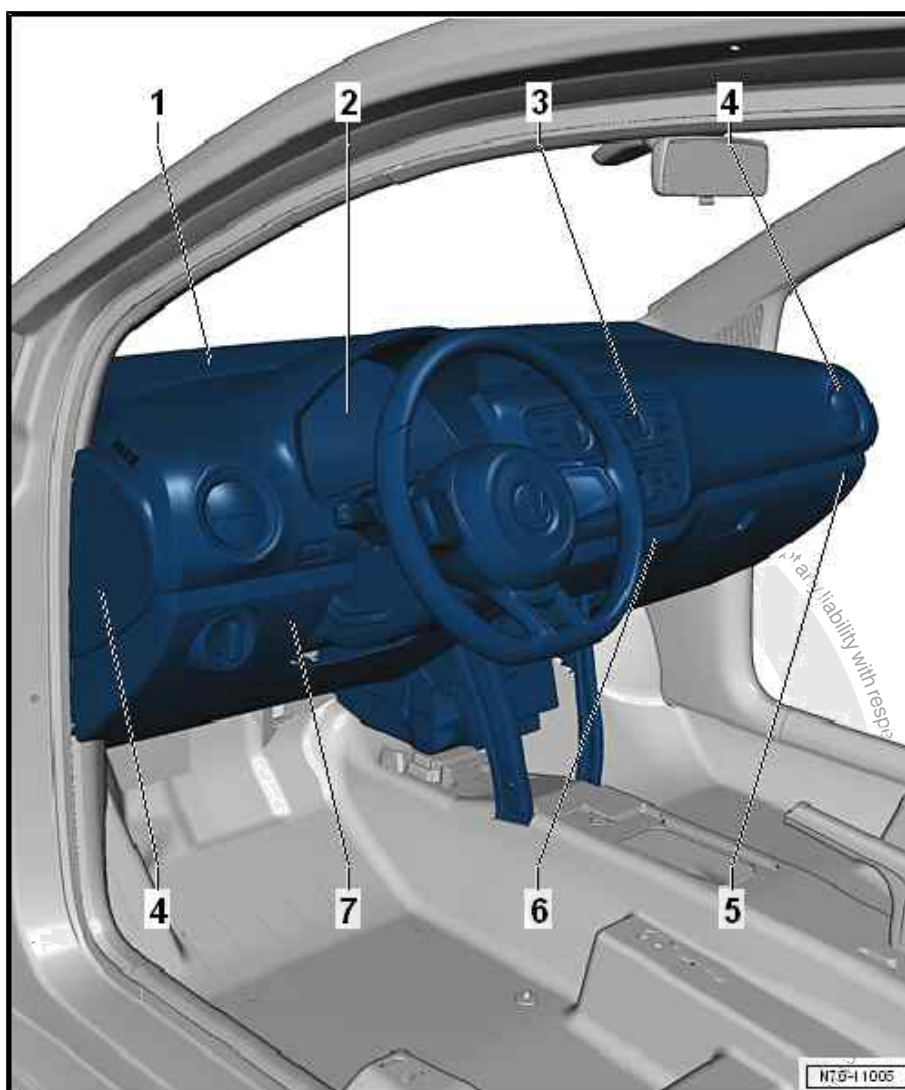
- ❑ Depending on equip-
ment
- ❑ Assembly overview -
glove compartment
⇒ [page 15](#)
- ❑ Removing and installing
dash panel cover on
front passenger side
⇒ [page 21](#)

6 - Centre console decorative strip

- ❑ Removing and installing
⇒ [page 31](#)

7 - Driver side dash panel cover

- ❑ Removing and installing ⇒ [page 16](#)

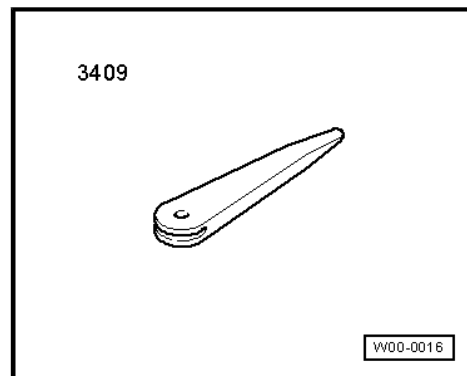


2.2 Removing and installing dash panel end cover

Special tools and workshop equipment required



◆ Removal wedge - 3409-



Note

Removal and installation is described for the driver side. Follow same instructions for the front passenger side as appropriate.

Removing

- Release dash panel end cover -1- from mountings on dash panel insert using removing wedge - 3409- .
- Remove dash panel end cover -1- from dash panel.

Passenger side

- Disconnect connectors, depending on vehicle equipment.

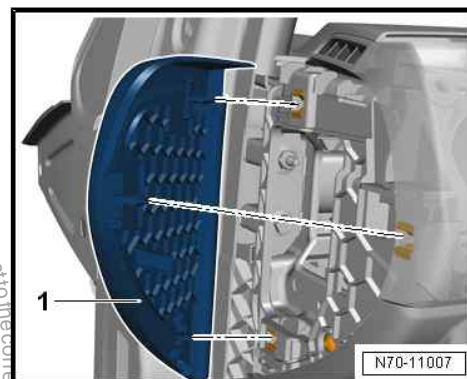
Installing



Note

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

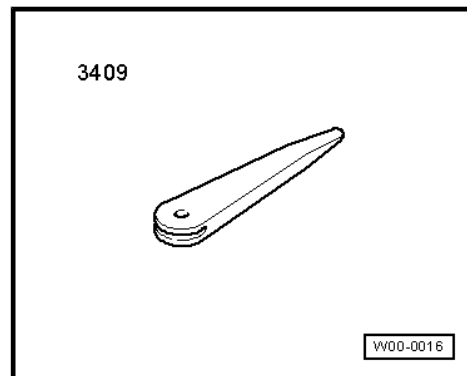
- Installation is carried out in the reverse sequence of removal.



2.3 Removing and installing radio/navigation system blanking plate

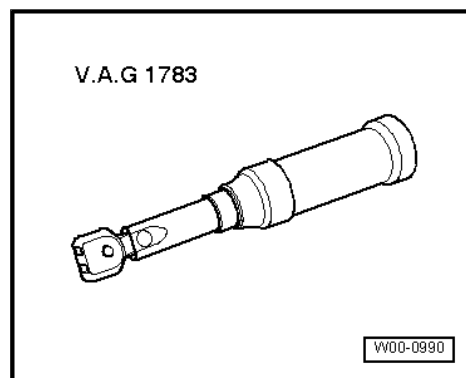
Special tools and workshop equipment required

◆ Removal wedge - 3409-



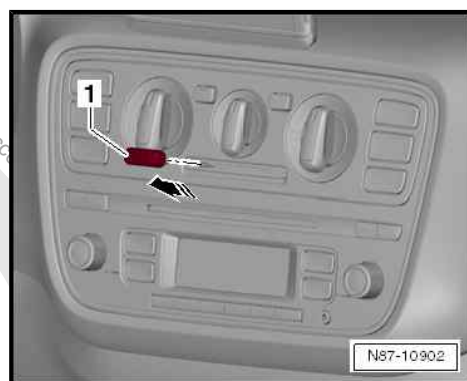


- ◆ Torque wrench - V.A.G 1783-



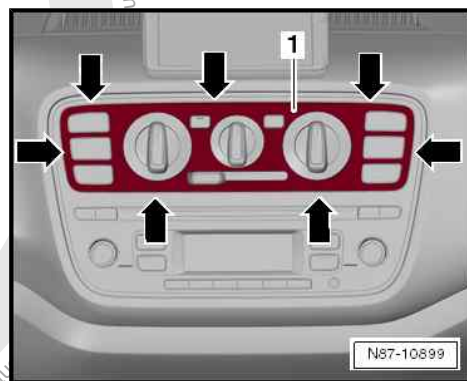
Removing

- Switch off ignition and all electrical consumers, and withdraw ignition key.
- Remove sliding control for fresh and recirculated air -1- in -direction of arrow-.



- Unclip trim -1- using removal wedge - 3409- at locations marked by -arrows-, and remove trim -1-.

Vehicles without radio/navigation system



- Unscrew bolts -1- (1.5 Nm).





- Remove mounting frame -1- from dash panel using removing wedge - 3409- .
- Disconnect connectors from switch modules in centre of dash panel.

Vehicles with radio

- Remove radio ⇒ Communication; Rep. gr. 91 ; Radio / radio navigation systems; Removing and installing radio / radio navigation systems .

Installing



Note

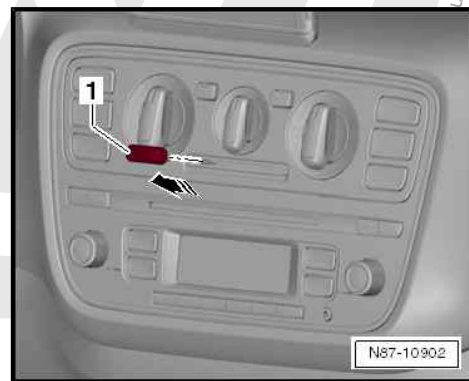
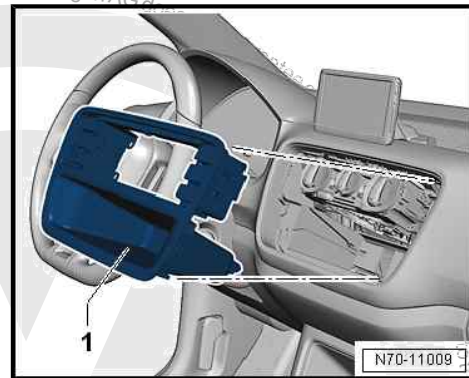
Before installing, check all fasteners for damage and renew if necessary.

Install in reverse order of removal, observing the following:



Note



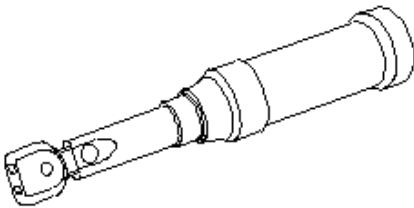
Always install slide control for fresh air/recirculated air -1- with plug-in socket pointing upwards.



2.4 Removing and installing dash panel



Special tools and workshop equipment required

3409 	V.A.G 1331 
V.A.G 1783 	

- ◆ Removal wedge - 3409-
- ◆ Torque wrench - V.A.G 1331-
- ◆ Torque wrench - V.A.G 1783-

Removing

- Disconnect vehicle battery ⇒ Electrical system; Rep. gr. 27 ; Battery; Disconnecting and reconnecting battery .
- Release locking lever of steering wheel positioner.
- Push steering column down as far as it will go and secure.
- Remove dash panel cover on driver side ⇒ [page 16](#) .

Vehicles without glove compartment

- Remove dash panel cover on front passenger side ⇒ [page 21](#) .

Vehicles with glove compartment

- Remove glove compartment ⇒ [page 20](#) .



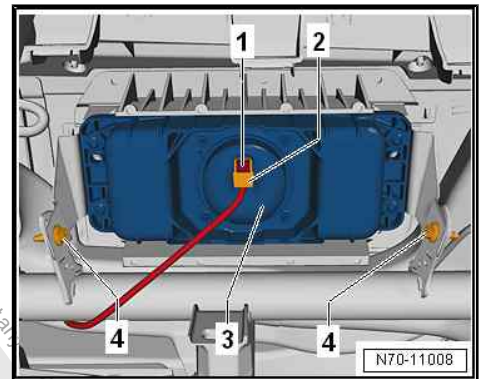
Continued for all vehicles



WARNING

Before handling pyrotechnic components (e.g. connecting the electrical connector), the person handling them must ensure that he/she is "electrically discharged". To do this briefly touch, for example, the door striker plate.

- Carefully pull out connector lock -1- for front passenger airbag -3- with a small screwdriver and disconnect connector -2-.
- Unscrew bolts -4- (8 Nm).
- Release gap cover for dash panel insert ⇒ [page 17](#) .
- Remove dash panel insert ⇒ Electrical system; Rep. gr. 90 ; Dash panel insert; Removing and installing dash panel insert .
- Remove mounting frame for radio/navigation system ⇒ [page 101](#) .
- Remove operating and display unit ⇒ Heating, air conditioning; Rep. gr. 87 ; Operating and display unit; Removing and installing operating and display unit .



Vehicles with navigation system

- Release wiring harness retainers and connectors for interface for portable navigation and infotainment system - J983- ⇒ Communication; Rep. gr. 91 ; Radio / radio - navigation systems; Removing and installing radio / radio - navigation systems .



Note

The interface for portable navigation and infotainment system - J983- does not need to be removed.

Continued for all vehicles

- Remove upper A-pillar trims.



Note

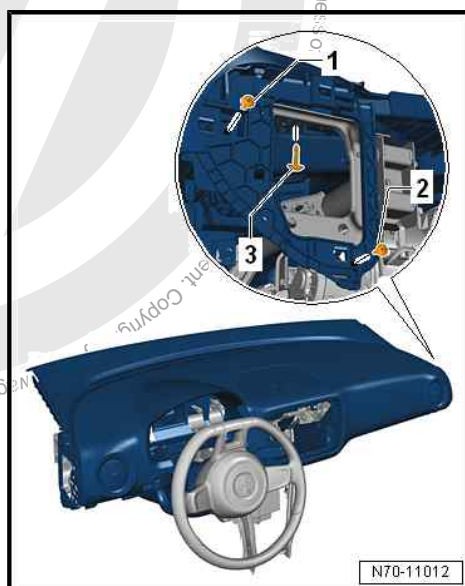
The left and right air ducts remain installed in the dash panel when removing it.



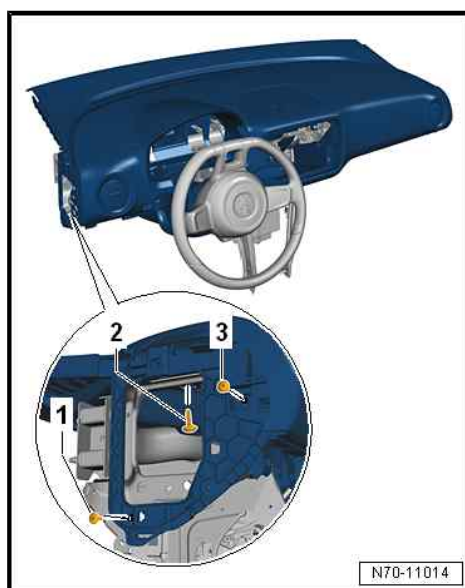
- Unscrew bolts -1- and -2- (1.5 Nm).



- Undo and remove bolts -1-, -2- and -3- (1.5 Nm).



- Undo and remove bolts -1-, -2- and -3- (1.5 Nm).





- Unscrew bolt -1- (1.5 Nm).
- Turn steering wheel so that the flattened side is exactly in top position.
- Pull dash panel out of mountings at overlap to windscreen and off central tube.



Caution

When removing the dash panel, the steering wheel may be damaged.



Note

- ◆ *Protect steering wheel from being damaged when removing the dash panel.*
- ◆ *The help of a second mechanic is required to remove the dash panel.*



- Lift dash panel -2- over steering wheel.
- Remove dash panel -2- from dash panel central tube -1-.
- Disconnect connectors from dash panel, depending on vehicle equipment.
- Carefully remove dash panel from vehicle interior through opening of front passenger door and place it on a soft surface.

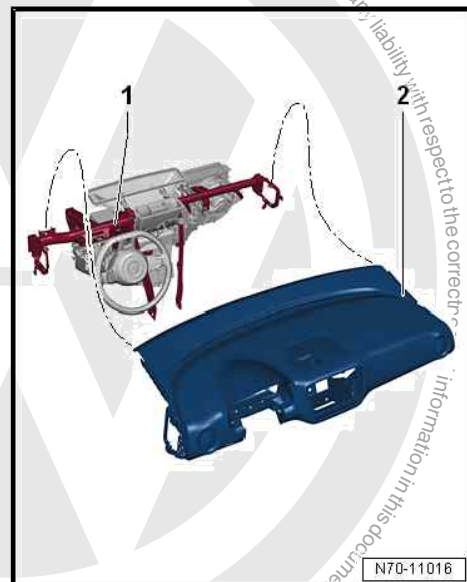
Installing

If for an e-up! 2014 ➤ the dash panel is renewed, a noise insulation must be bonded on the new part on the body side of the dash panel. Use the dimensions of the old part when cutting the new noise insulation.



Note

- ◆ *Before installing, check all fasteners for damage and renew if necessary.*
- ◆ *When securing the dash panel, tighten bolts in reverse order of removal.*



Install in the reverse order of removal observing the following:



- Before installing dash panel, check whether mountings -1- are firmly attached to body -2-.



Caution

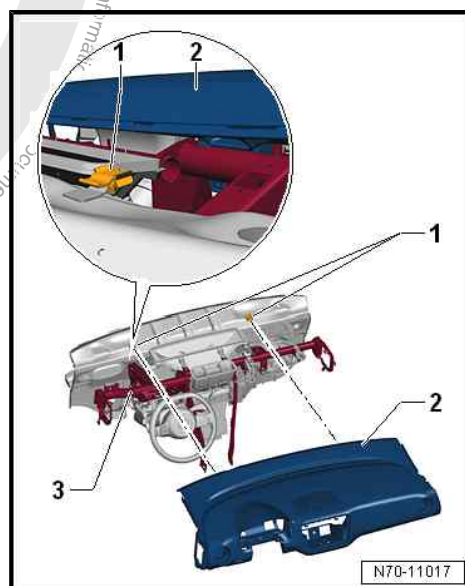
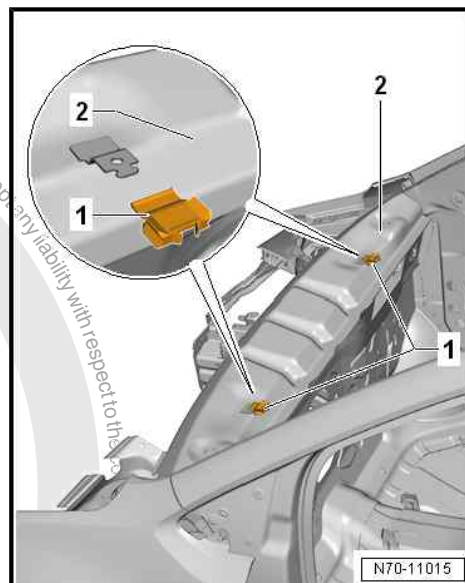
When installing the dash panel, the steering wheel may be damaged.



Note

Protect steering wheel from being damaged when installing the dash panel.

- With assistance of a 2nd mechanic, position dash panel -2- onto dash panel central tube -3- so that a perfect fit is achieved. Dash panel -2- must be engaged in mountings -1-.



2.5 Aligning dash panel in vehicle

Special tools and workshop equipment required

- ♦ Torque wrench - V.A.G 1331-

V.A.G 1331



W00-0427

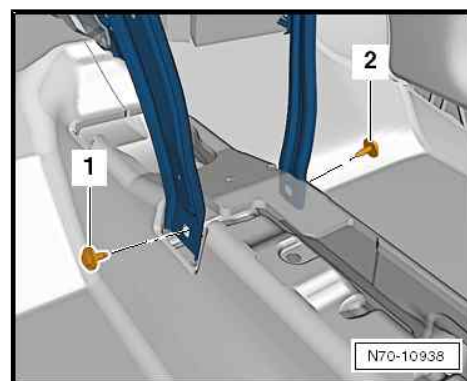


i Note

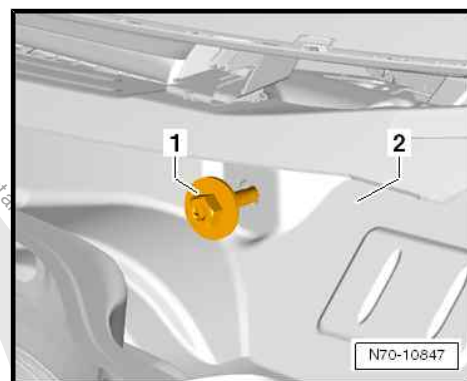
The dash panel can be aligned at right angles to the direction of travel.

Aligning dash panel

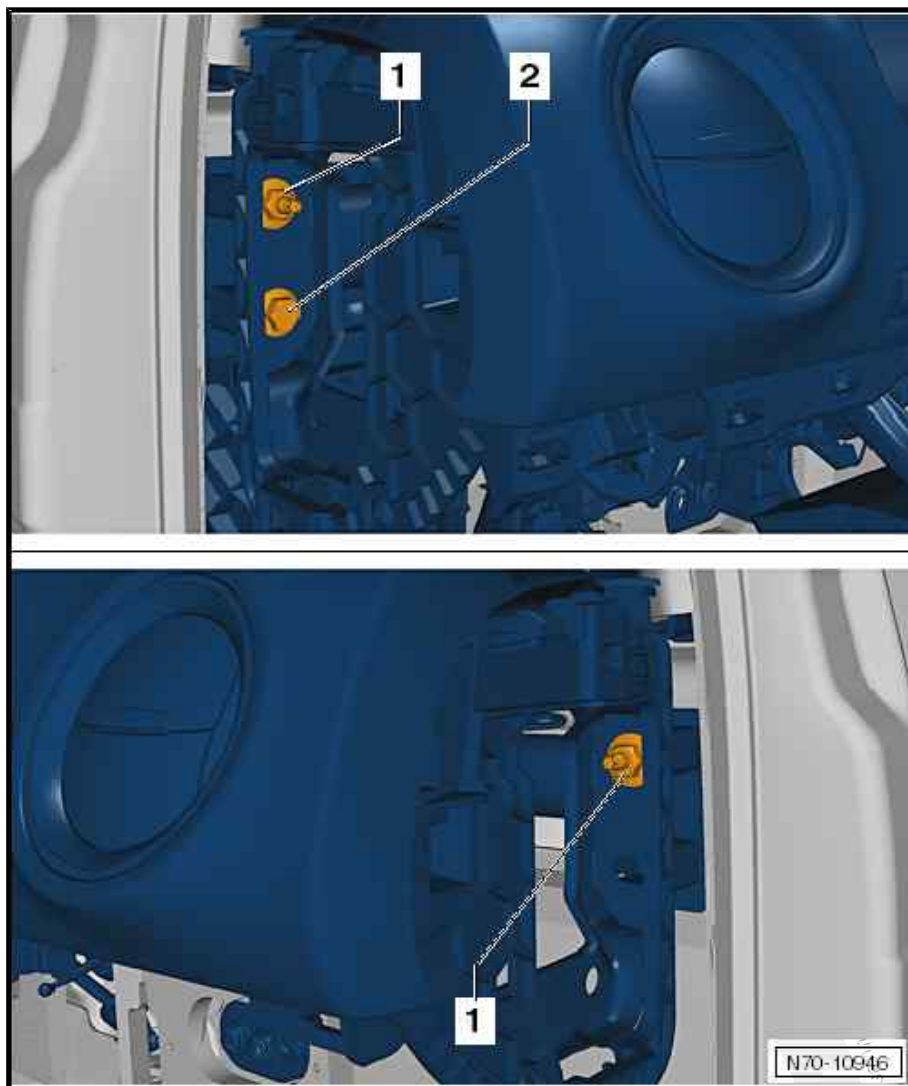
- Remove plenum chamber cover ⇒ General body repairs, exterior; Rep. gr. 50 ; Plenum chamber cover; Removing and installing plenum chamber cover .
- Remove dash panel end covers on left and right ⇒ [page 100](#) .
- Remove lower part of centre console ⇒ [page 30](#) .
- Loosen bolts -1- and -2- by 2 to 3 turns (20 Nm).



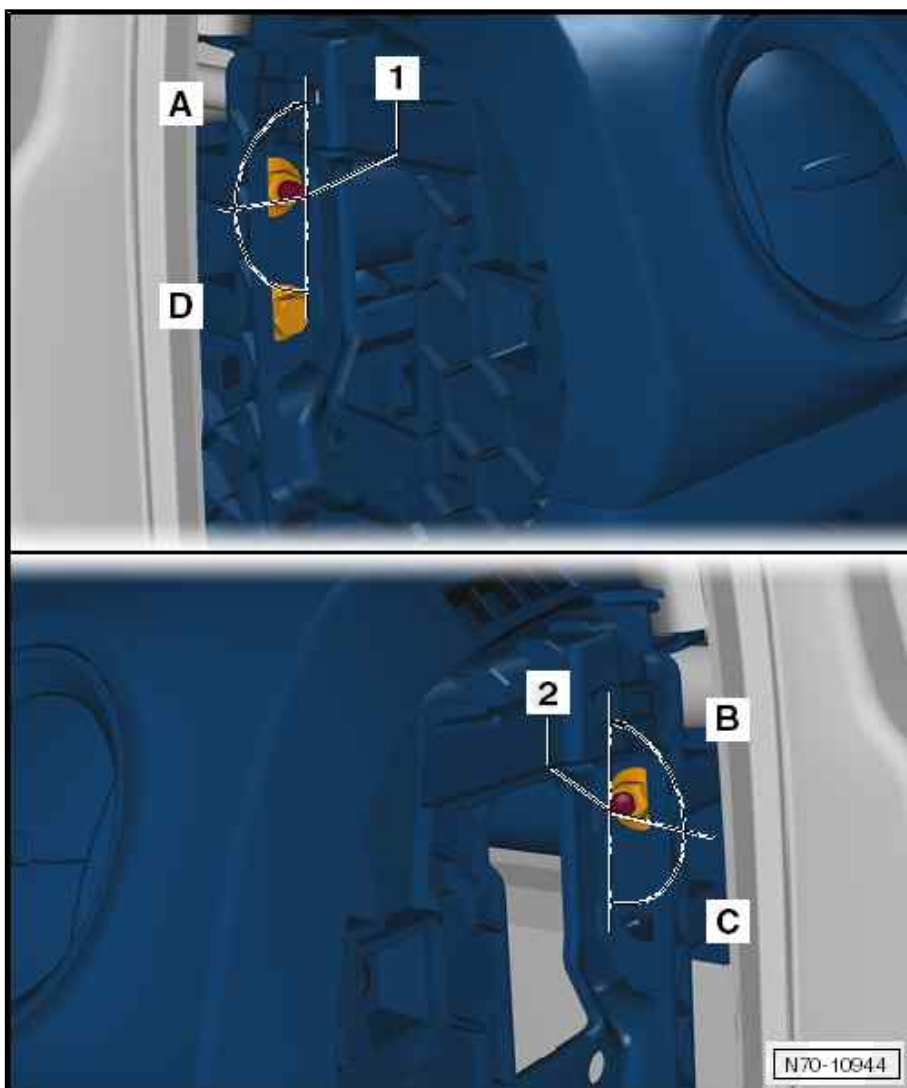
- Only loosen bolt -1- in plenum chamber -2- by 2 to 3 turns (20 Nm + 90°).



- Loosen nuts -1- and bolt -2- by 2 to 3 turns (20 Nm).



- Align dash panel in direction 1- and -2-.



- After aligning dash panel in vehicle, secure it in place, tightening bolts to specified torques.
- Installation is carried out in the reverse sequence of removal.



3 Dash panel central tube

⇒ "3.1 Assembly overview - dash panel central tube", page 112

⇒ "3.2 Removing and installing dash panel central tube",
page 113

3.1 Assembly overview - dash panel central tube



Note

If electrical wires are disconnected or removed and installed, it is useful to make corresponding drawings or photos. This guarantees that everything is re-installed in its original position.

1 - Cable tie

- ☐ Renew after each removal

2 - Dampers

- ☐ Secured on central tube with cable ties

3 - Dash panel central tube

- ☐ Removing and installing
⇒ page 113

4 - Bolt

- ☐ Qty. 2
- ☐ 3.5 Nm

5 - Securing bracket

- ☐ Welded to body

6 - Stud

- ☐ Qty. 2
- ☐ 20 Nm

7 - Nut

- ☐ Qty. 2
- ☐ 20 Nm

8 - Bolt

- ☐ Qty. 2
- ☐ 20 Nm

9 - Bolt

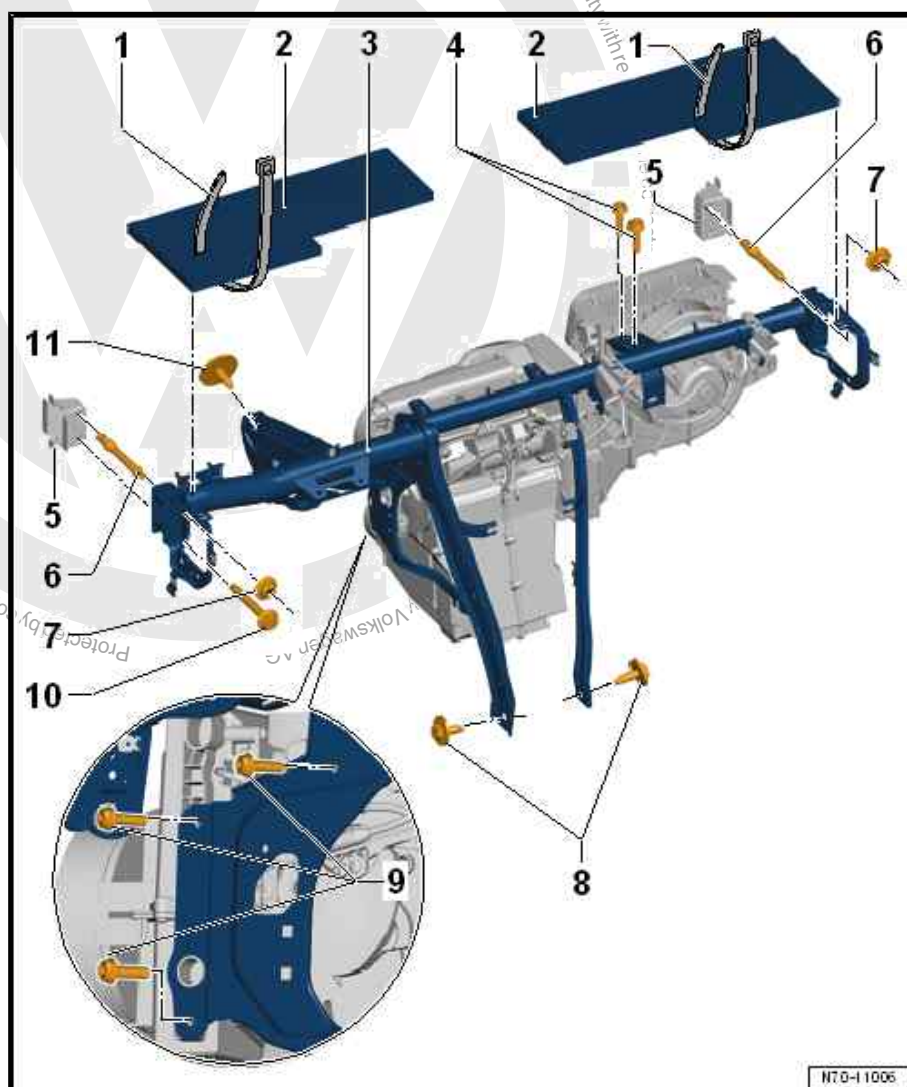
- ☐ Qty. 3
- ☐ 3.5 Nm

10 - Bolt

- ☐ Qty. 1
- ☐ 20 Nm

11 - Bolt

- ☐ Is located in left plenum chamber
- ☐ Renew
- ☐ 20 Nm +90°



N70-I 1006



3.2 Removing and installing dash panel central tube

Special tools and workshop equipment required

- ◆ Torque wrench - V.A.G 1331-

V.A.G 1331



W00-0427



Note

If electrical wires are disconnected or removed and installed, it is useful to make corresponding drawings or photos. This guarantees that everything is re-installed in its original position.

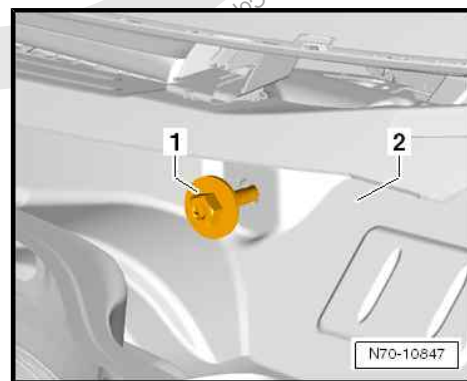
Removing

- Remove dash panel ⇒ [page 103](#) .
- Cut open cable tie and remove insulation on left and right ⇒ [Item 1 \(page 112\)](#) .
- Unscrew steering column bolts and lower steering column ⇒ Running gear, axles, steering; Rep. gr. 48 ; Steering column; Assembly overview - steering column .
- Remove left plenum chamber cover ⇒ General body repairs, exterior; Rep. gr. 50 ; Bulkhead; Removing and installing plenum chamber cover .
- Unscrew bolt -1- in plenum chamber.



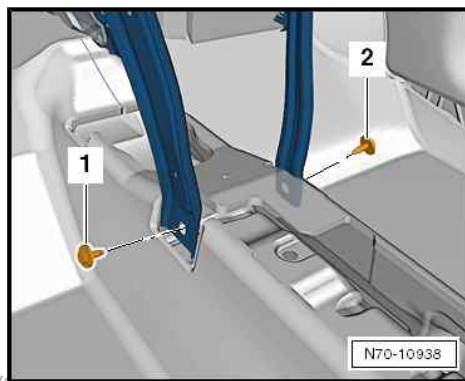
Note

Renew bolt -1- when installing dash panel central tube!

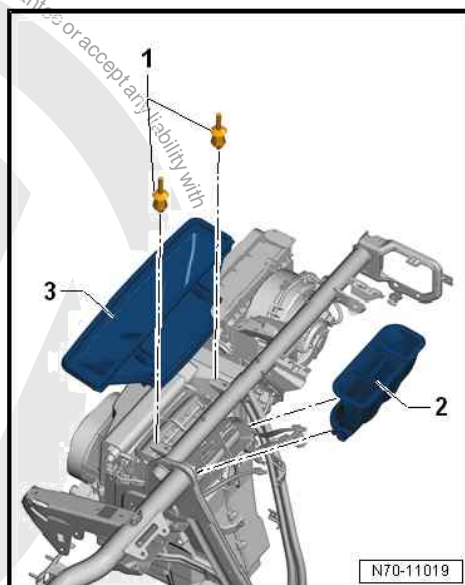




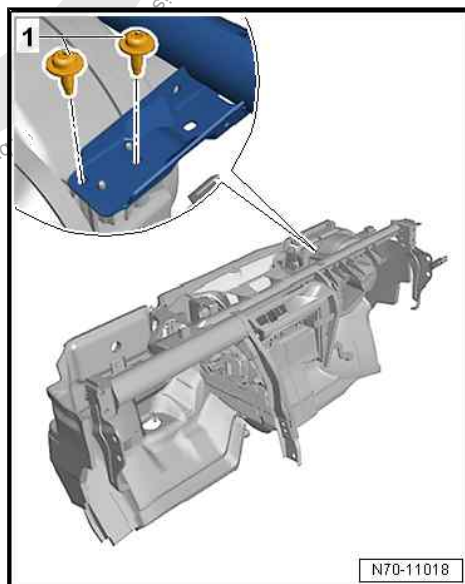
- Unscrew bolts -1- and -2-.



- Release expanding rivet -1- and remove upwards.
- Remove intermediate piece for air vent -3- from dash panel central tube.
- Unclip intermediate piece for centre vent -2- from heater and air conditioning unit, and remove it.

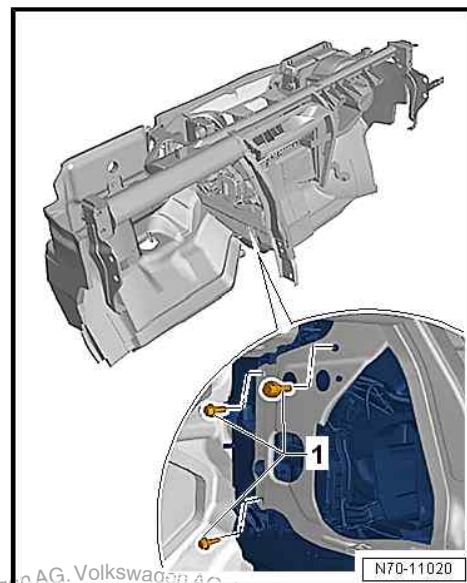


- Unscrew bolts -1- and -2-.





- Unscrew bolts -1-.



i Note

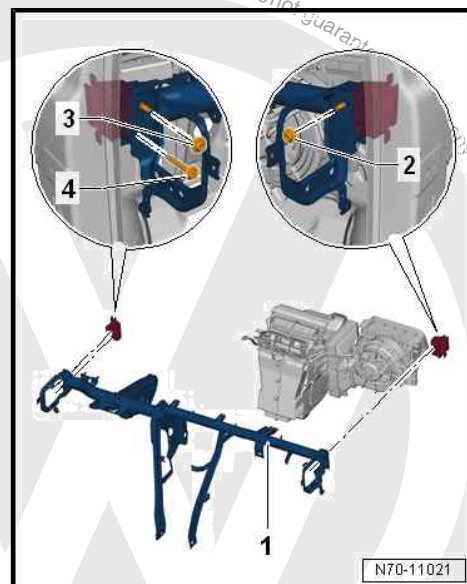
In area of nuts -2- and -3-, use a scribe to mark vertical and horizontal position of dash panel central tube in vehicle.

- Unscrew nut -2- on front passenger side.
- Unscrew nut -3- and bolt -4- on driver side.

i Note

Prior to removal, ensure that all wiring harnesses have been released from dash panel central tube.

- Release wiring harness retainers from dash panel central tube -1-.
- Pull dash panel central tube -2- into passenger compartment until nuts -1- of relay and fuse holder -3- are accessible.
- Unscrew nuts -1- of relay and fuse holder -3- (4.5 Nm).
- Remove dash panel central tube -2- from vehicle through opening of front passenger door.

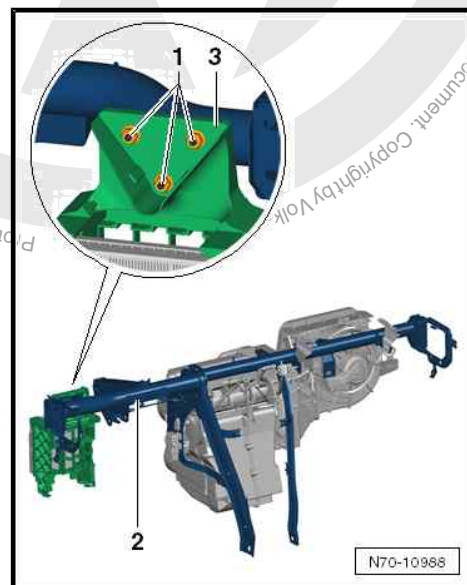


Installing

i Note

- ◆ *Before bolting dash panel central tube in place, align it in vehicle using marks made during removal.*
- ◆ *Before installing, check all fasteners for damage and renew if necessary.*
- ◆ *Before installing, renew cable ties for the insulation of the dash panel central tube.*

- Installation is carried out in the reverse sequence of removal.

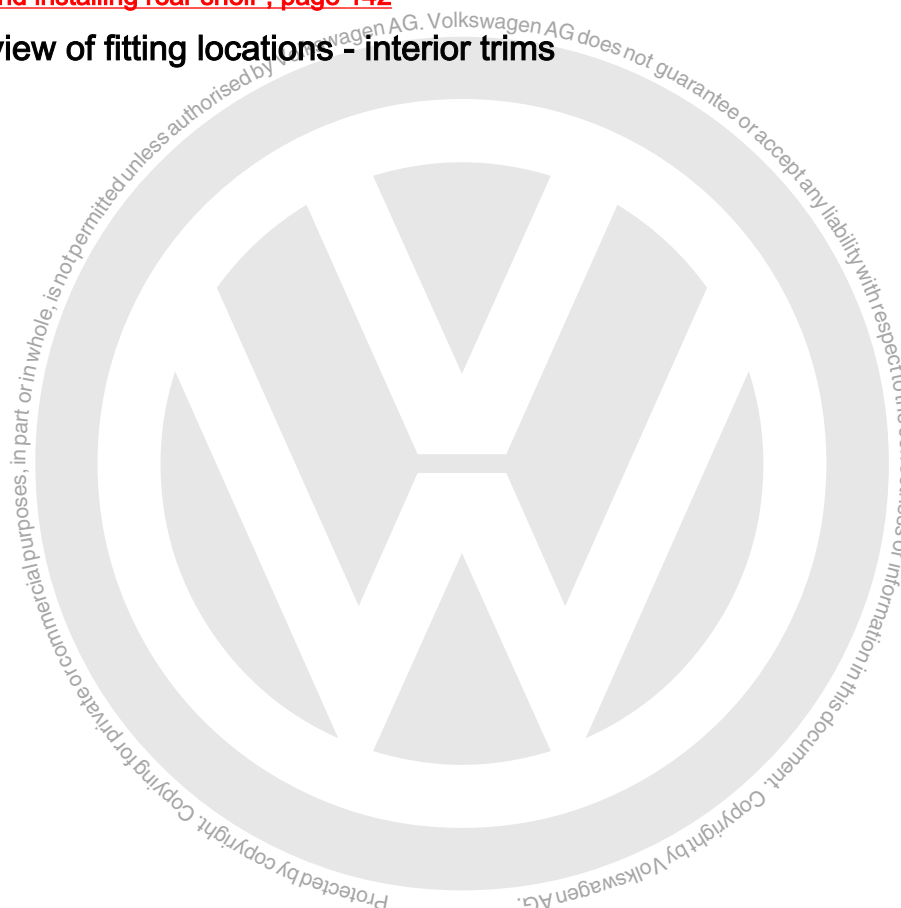




4 Interior trims

- ⇒ [“4.1 Overview of fitting locations - interior trims”, page 116](#)
- ⇒ [“4.2 Assembly overview - sill panel moulding”, page 117](#)
- ⇒ [“4.3 Assembly overview - A-pillar trim”, page 118](#)
- ⇒ [“4.4 Assembly overview - B-pillar trim”, page 119](#)
- ⇒ [“4.5 Assembly overview - C-pillar trim”, page 120](#)
- ⇒ [“4.6 Assembly overview - partition panel, load-up!”, page 123](#)
- ⇒ [“4.7 Removing and installing sill panel moulding”, page 123](#)
- ⇒ [“4.8 Removing and installing A-pillar trim”, page 126](#)
- ⇒ [“4.9 Removing and installing B-pillar trim”, page 129](#)
- ⇒ [“4.10 Removing and installing C-pillar trim”, page 132](#)
- ⇒ [“4.10.2 Removing and installing lower C-pillar trim, 4-door models”, page 133](#)
- ⇒ [“4.11 Removing and installing side trim”, page 137](#)
- ⇒ [“4.12 Removing and installing foot rest”, page 137](#)
- ⇒ [“4.13 Removing and installing floor covering”, page 138](#)
- ⇒ [“4.14 Removing and installing floor insulation”, page 139](#)
- ⇒ [“4.15 Removing and installing interior bulkhead insulation”, page 139](#)
- ⇒ [“4.16 Removing and installing partition panel”, page 140](#)
- ⇒ [“4.17 Removing and installing rear shelf”, page 142](#)

4.1 Overview of fitting locations - interior trims





1 - C-pillar trim

- ☐ Assembly overview
⇒ [page 120](#)
- ☐ Removing and installing
⇒ [page 132](#)

2 - Lower C-pillar trim

- ☐ Removing and installing
⇒ [page 133](#)

3 - Sill panel strip

- ☐ Assembly overview
⇒ [page 117](#)
- ☐ Removing and installing
⇒ [page 123](#)

4 - B-pillar trim

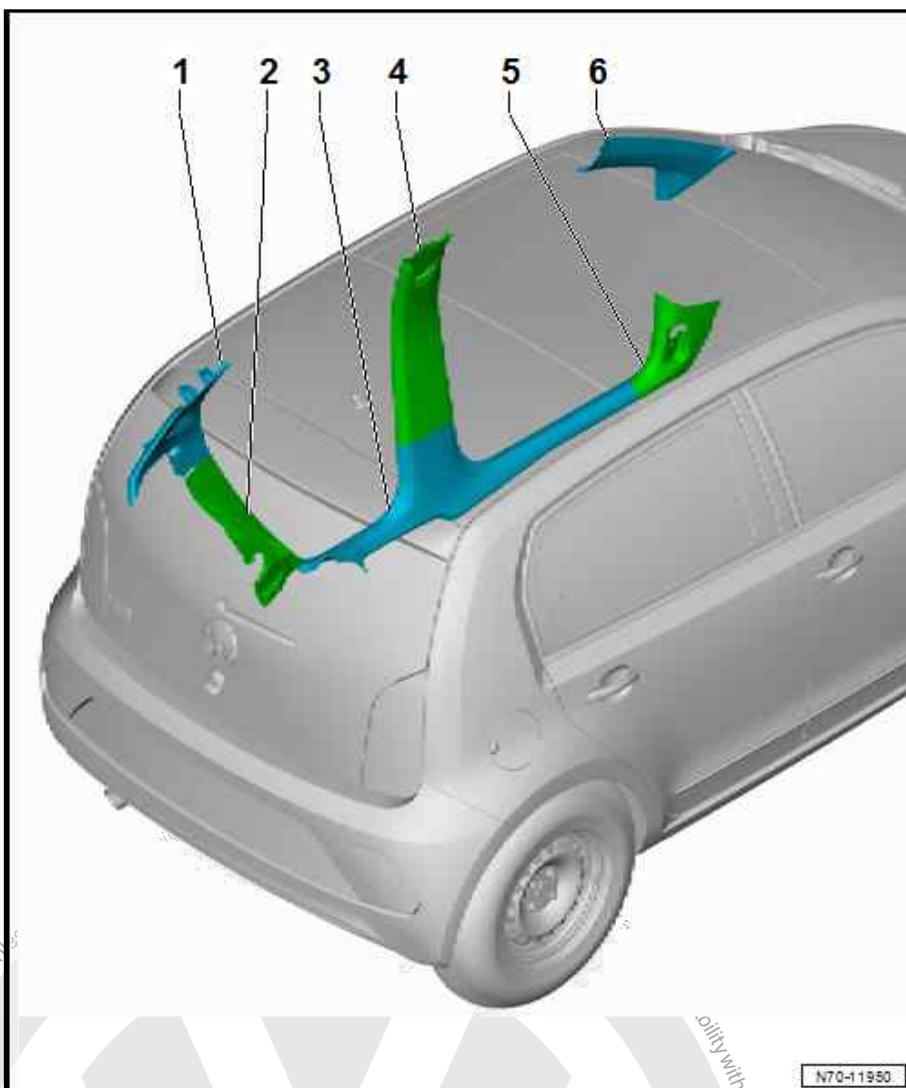
- ☐ Assembly overview
⇒ [page 119](#)
- ☐ Removing and installing
⇒ [page 129](#)

5 - Lower A-pillar trim

- ☐ Assembly overview
⇒ [page 118](#)
- ☐ Removing and installing
⇒ [page 127](#)

6 - Upper A-pillar trim

- ☐ Assembly overview
⇒ [page 118](#)
- ☐ Removing and installing
⇒ [page 126](#)



4.2 Assembly overview - sill panel moulding



Note

The illustration shows the sill panel moulding on the left side. The right-hand side is similar (mirror image of left-hand side).



I: sill panel moulding, 2-door model

II: sill panel moulding, 4-door model

1 - Sill panel strip

- ❑ Removing and installing
⇒ [page 123](#)

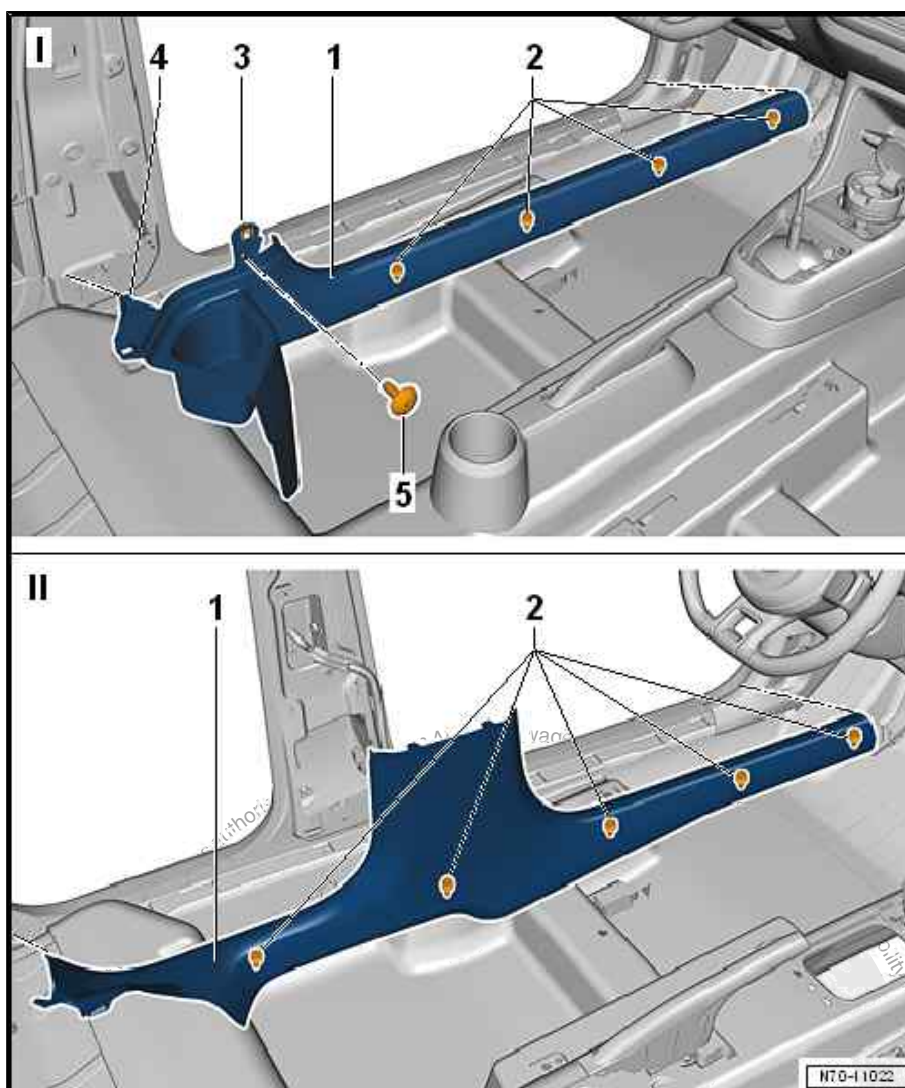
2 - Fastener

3 - Retaining clip

4 - Locating hook

5 - Bolt

- ❑ 2 Nm



4.3 Assembly overview - A-pillar trim



Note

The illustration shows the A-pillar trim on the left side. The right-hand side is similar (mirror image of left-hand side).



I: upper A-pillar trim

II: lower A-pillar trim

1 - Upper A-pillar trim

- ☐ Removing and installing
⇒ [page 126](#)

2 - Retaining clip

3 - Bonnet operating lever

- ☐ Always fitted on driver side
- ☐ Removing and installing
⇒ General body repairs, exterior; Rep. gr. 55 ; Bonnet; Removing and installing bonnet operating lever

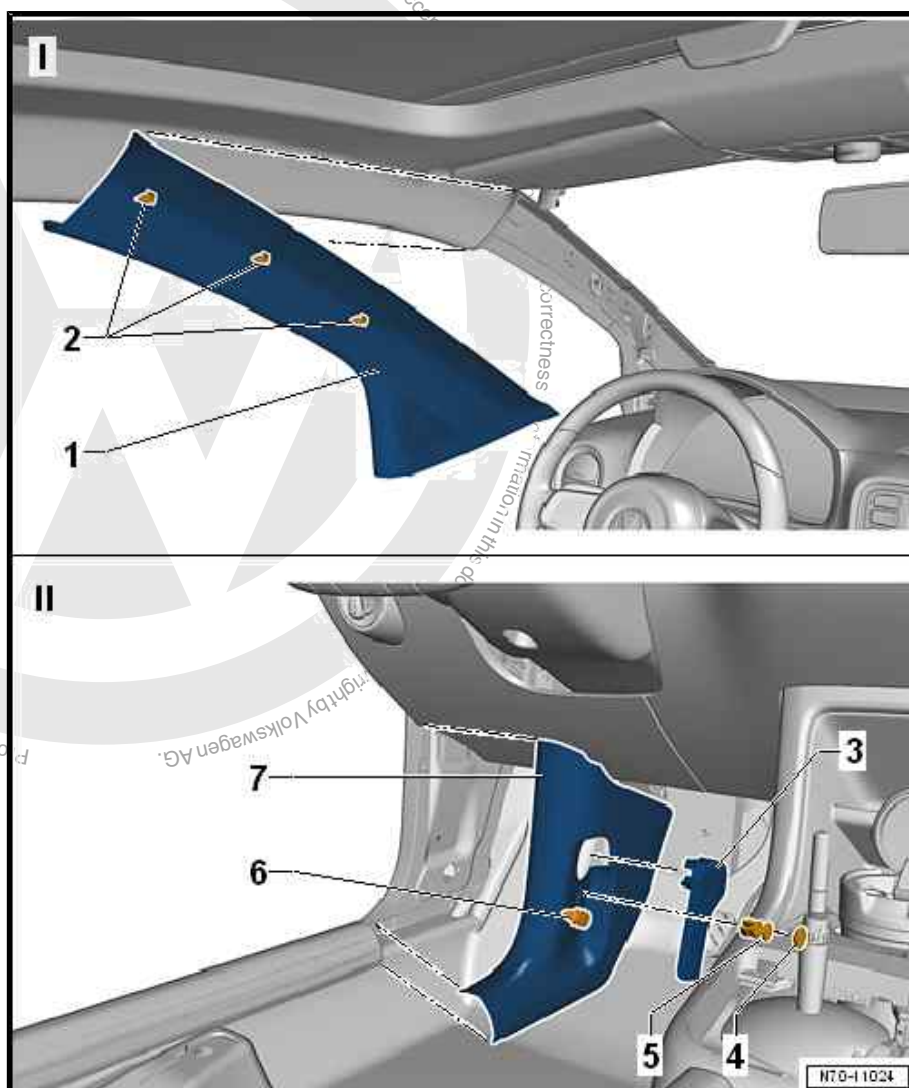
4 - Cover

5 - Spreader rivet

6 - Fastener

7 - Lower A-pillar trim

- ☐ Removing and installing
⇒ [page 126](#)



4.4 Assembly overview - B-pillar trim



Note

The illustration shows the B-pillar trim on the left side. The right-hand side is similar (mirror image of left-hand side).



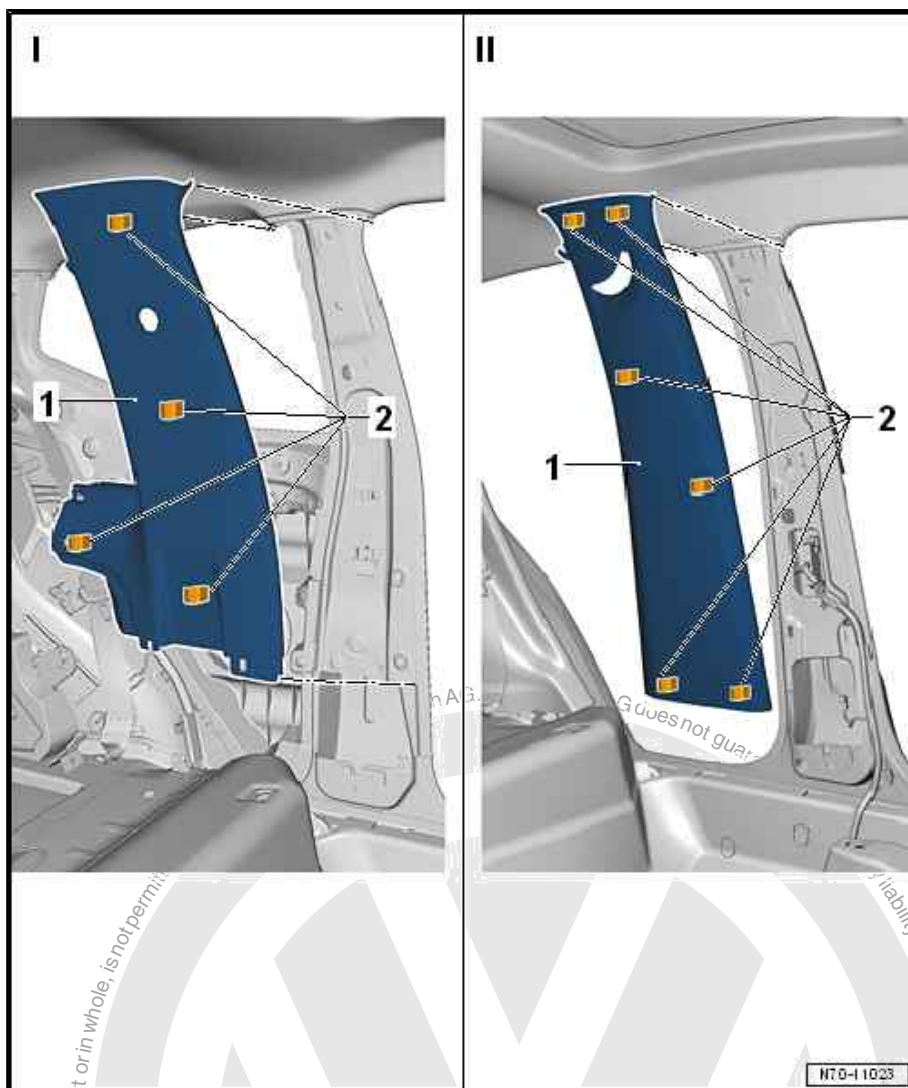
I: B-pillar trim, 2-door model

II: B-pillar trim, 4-door model

1 - B-pillar trim

- ❑ Removing and installing
⇒ [page 129](#)

2 - Retaining clip



4.5 Assembly overview - C-pillar trim

4.5.1 Assembly overview - C-pillar trim



Note

The illustration shows the C-pillar trim on the left side. The right-hand side is similar (mirror image of left-hand side).



I: C-pillar trim, 2-door model

II: C-pillar trim, 4-door model

1 - C-pillar trim

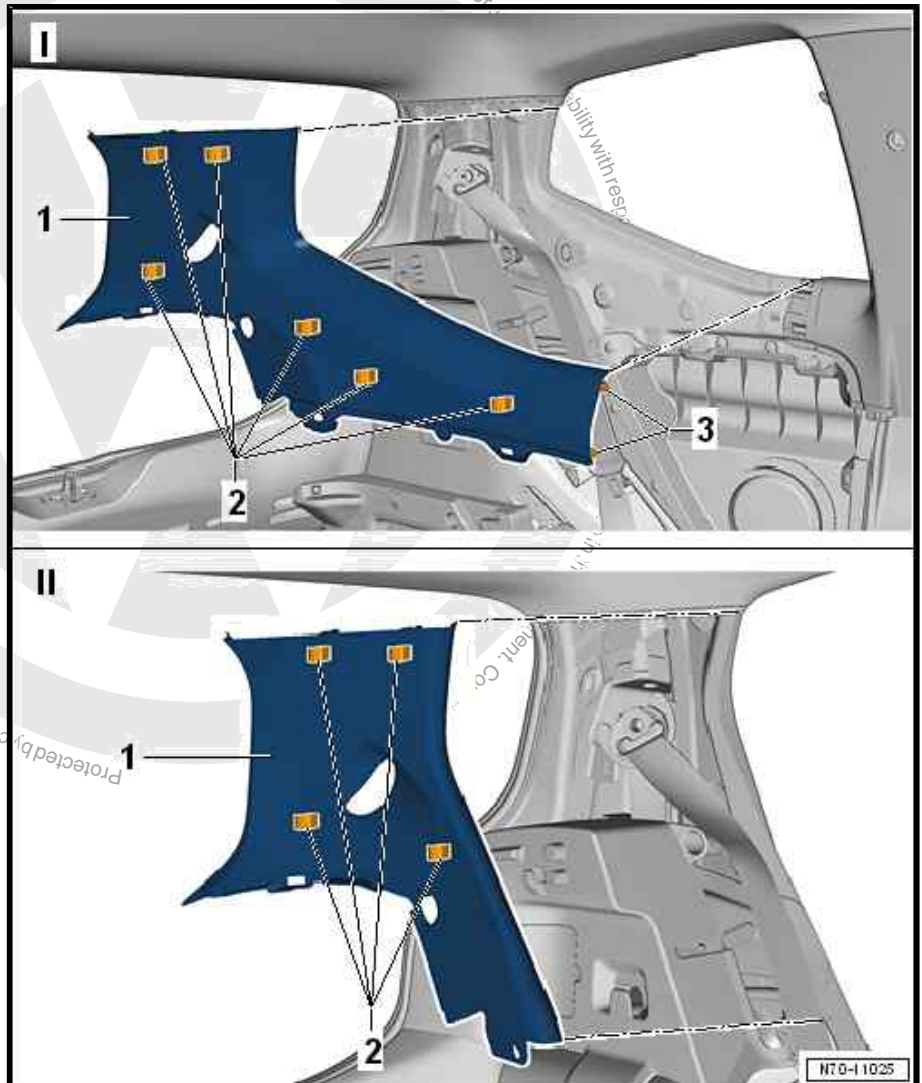
- ❑ Removing and installing
⇒ [page 132](#)

2 - Retaining clip

- ❑ 2-door-model (qty. 6)
- ❑ 4-door-model (qty. 4)

3 - Retainer tabs

- ❑ Connection to overlap to
B-pillar trim





4.5.2 Assembly overview - C-pillar trim, load up!



Note

The illustration shows the C-pillar trim on the left side. The right-hand side is similar (mirror image of left-hand side).

1 - Upper C-pillar trim

- ❑ Removing and installing
⇒ [page 135](#)

2 - Cover for belt guide

3 - Lower retaining clip

- ❑ Qty. 2

4 - Upper retaining clip

- ❑ Qty. 2

5 - Luggage compartment side trim

- ❑ Removing and installing

6 - Bolt

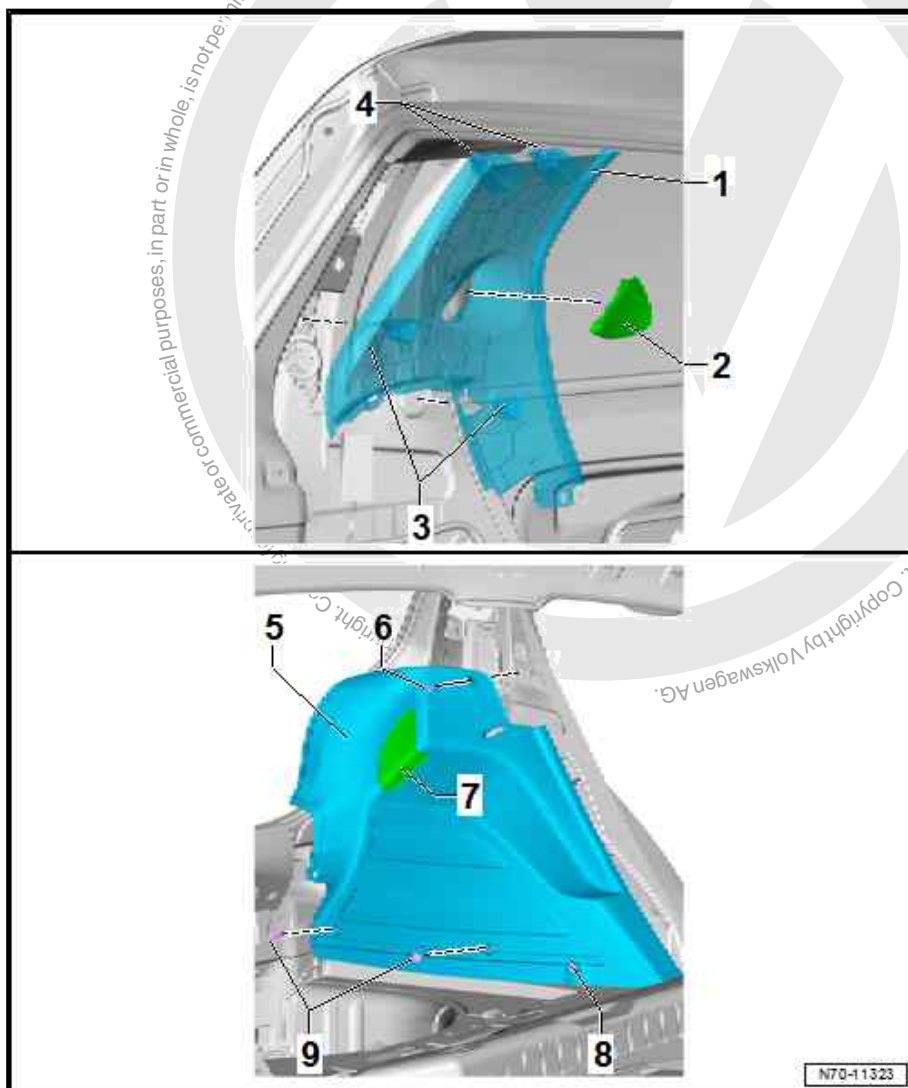
- ❑ 1 Nm

7 - Maintenance cover

8 - Fastener

9 - Fastener

- ❑ Qty. 2





4.6 Assembly overview - partition panel, load-up!

1 - Moulded headliner bracket

- ☐ Qty. 2

2 - Partition panel

- ☐ Removing and installing
⇒ [page 140](#)

3 - Bolt

- ☐ Qty. 2
- ☐ 20 Nm

4 - Bolt

- ☐ Qty. 2
- ☐ 17 Nm

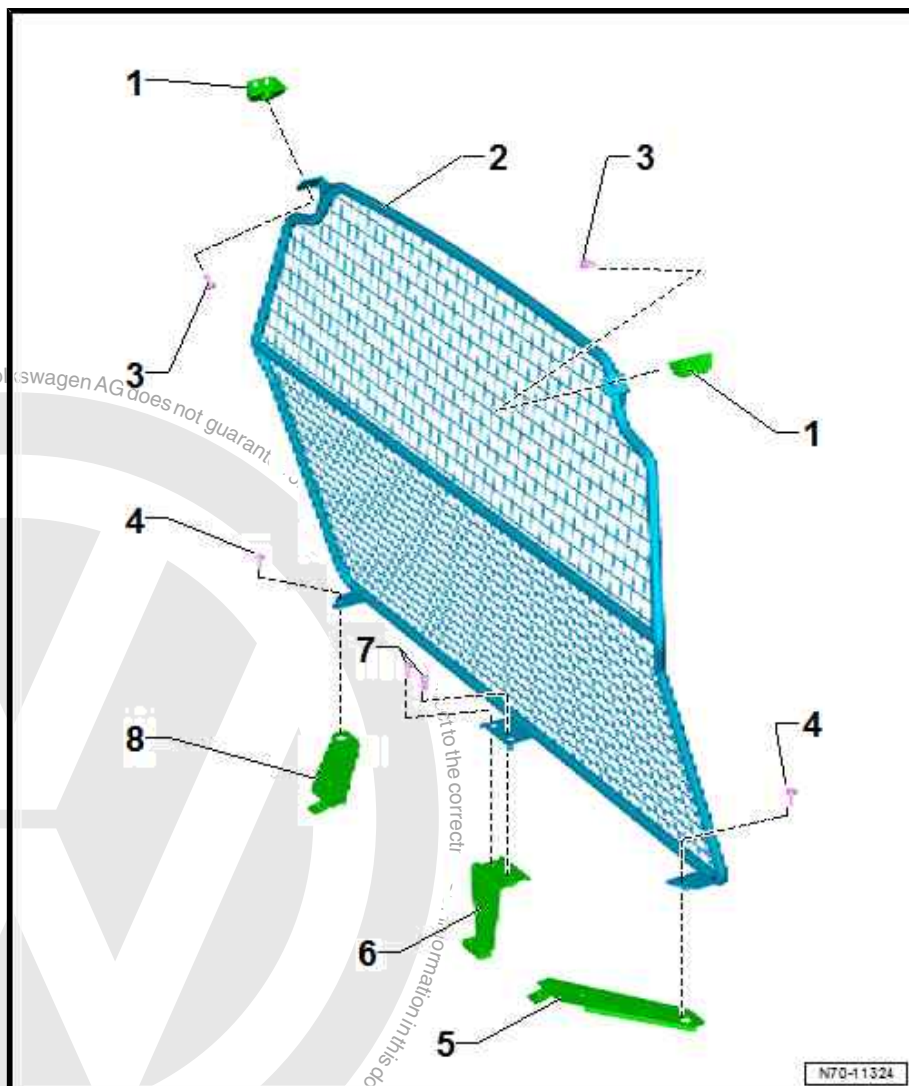
5 - Right bracket for partition panel

6 - Floor bracket for partition panel

7 - Bolt

- ☐ Qty. 2
- ☐ 10 Nm

8 - Left bracket for partition panel



4.7 Removing and installing sill panel moulding

⇒ ["4.7.1 Removing and installing sill moulding, 2-door model"](#),
[page 123](#)

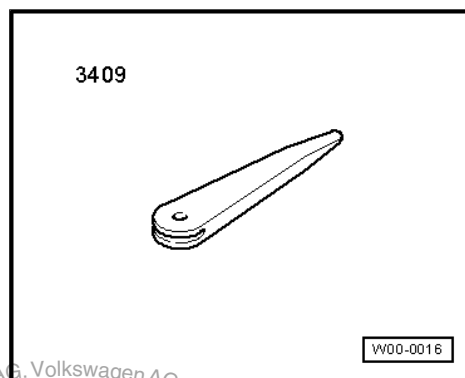
⇒ ["4.7.2 Removing and installing sill moulding, 4-door model"](#),
[page 125](#)

4.7.1 Removing and installing sill moulding, 2-door model

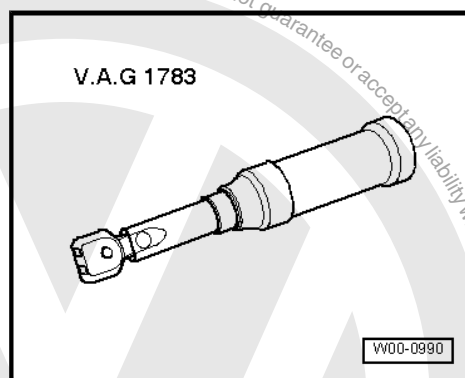
Special tools and workshop equipment required



◆ Removal wedge - 3409-



◆ Torque wrench - V.A.G 1783-



Note

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

Removing

- Remove side trim panel ➔ [page 137](#) .
- Unscrew bolt -1-.
- Release sill moulding -2- from side member and beading of door seal using removing wedge - 3409- .
- Remove sill moulding -2- upwards.

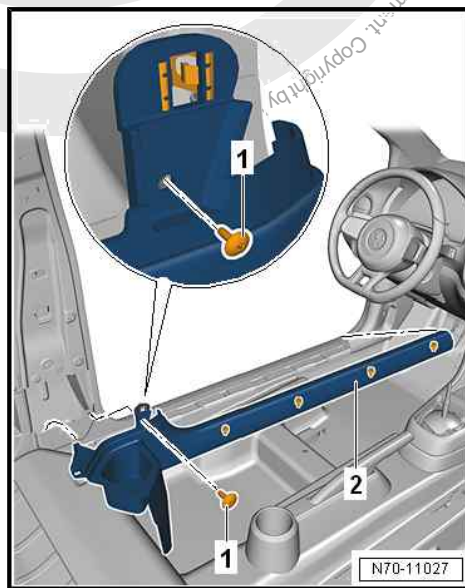
Installing



Note

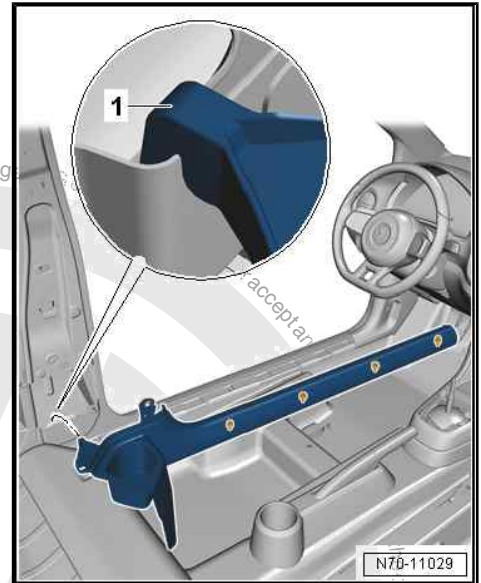
- ◆ *Before installing, check all fasteners for damage and renew if necessary.*
- ◆ *Following installation, ensure that the sill panel moulding is positioned in the door seal beading.*

Install in the reverse order of removal observing the following:





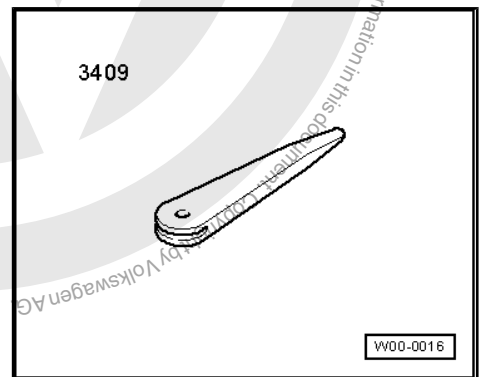
- Insert locking lug -1- into mounting.



4.7.2 Removing and installing sill moulding, 4-door model

Special tools and workshop equipment required

- ◆ Removal wedge - 3409-



Note

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



Removing

- Release sill moulding -1- from front side member and beading of door seal using removing wedge - 3409- .
- Release sill moulding -1- from B-pillar trim.
- Release sill moulding -1- from rear side member and beading of door seal using removing wedge - 3409- .
- Remove sill moulding -1-.

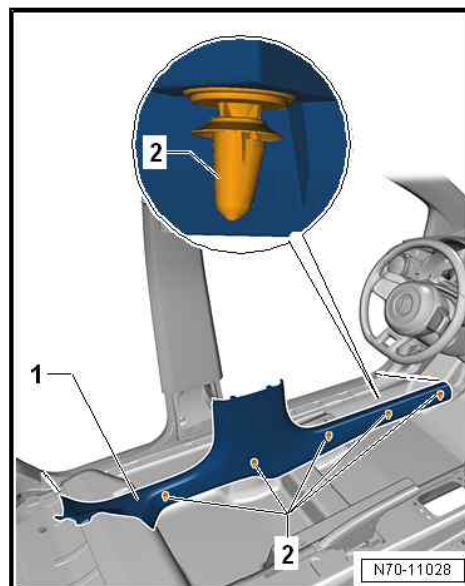
Installing

If for an e-up! 2014 ➤ the sill moulding is renewed, a noise insulation must be bonded on the new part on the body side of the sill moulding. Use the dimensions of the old part when cutting the new noise insulation.



Note

- ◆ Before installing, check all fasteners for damage and renew if necessary.
- ◆ Following installation, ensure that the sill panel moulding is positioned in the door seal beading.



Installation is carried out in the reverse sequence of removal.

4.8 Removing and installing A-pillar trim

⇒ [“4.8.1 Removing and installing upper A-pillar trim”, page 126](#)

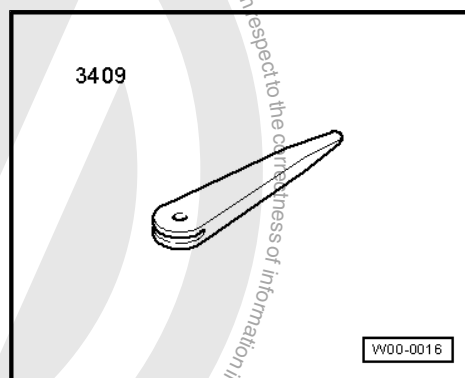
⇒ [“4.8.2 Removing and installing lower A-pillar trim on driver side”, page 127](#)

⇒ [“4.8.3 Removing and installing lower A-pillar trim on front passenger side”, page 128](#)

4.8.1 Removing and installing upper A-pillar trim

Special tools and workshop equipment required

- ◆ Removal wedge - 3409-



Note

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



Removing

- Detach upper A-pillar trim -1- from door seal beading.
- Release upper A-pillar trim -1- from mountings in area of retaining clips -2- using removing wedge - 3409- .
- Remove upper A-pillar trim -1-.
- Disconnect connectors, depending on vehicle equipment.

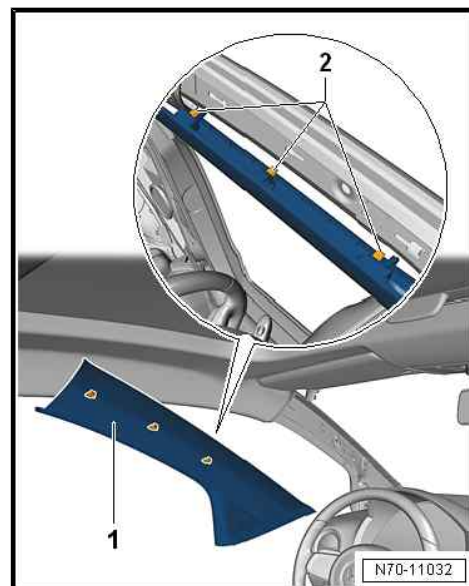
Installing

If for an e-up! 2014➤ the upper trim of the A-pillar is renewed, a noise insulation must be bonded on the new part on the body side of the upper trim of the A-pillar. Use the dimensions of the old part when cutting the new noise insulation.



Note

- ◆ *Before installing, check all fasteners for damage and renew if necessary.*
- ◆ *Following installation, ensure that the upper A-pillar trim is positioned in door seal beading.*

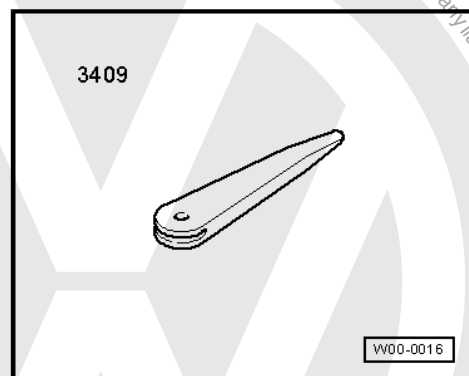


- Installation is carried out in the reverse sequence of removal.

4.8.2 Removing and installing lower A-pillar trim on driver side

Special tools and workshop equipment required

- ◆ Removal wedge - 3409-



Removing

- Release sill moulding in area of overlap to lower A-pillar trim ➔ [page 117](#) .
- Remove bonnet operating lever ➔ General body repairs, exterior; Rep. gr. 55 ; Bonnet; Removing and installing bonnet operating lever .



- Release lower A-pillar trim -1- from door seal beading.
- Remove cap -2-.
- Loosen bolt -3- of spreader rivet -4-.
- Remove spreader rivet -4-.
- Release lower A-pillar trim -1- from retaining clips -5- using removing wedge - 3409- .
- Remove lower A-pillar trim -1- in -direction of arrow A-.

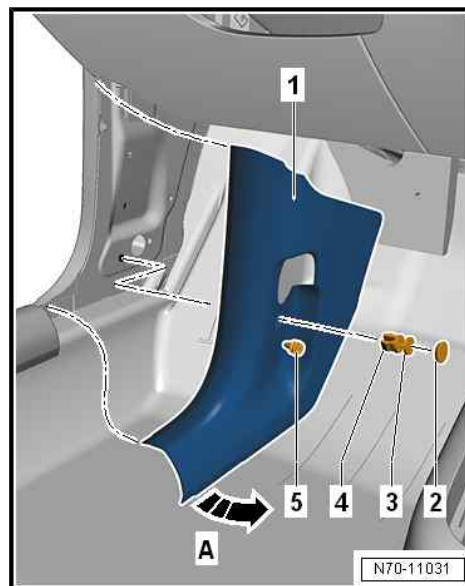
Installing



Note

- ◆ *Before installing, check all fasteners for damage and renew if necessary.*
- ◆ *Following installation, ensure that the lower A-pillar trim is positioned in door seal beading.*

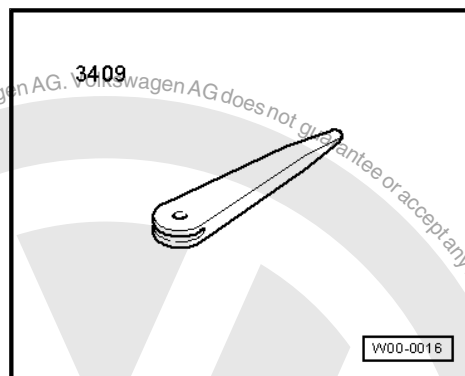
- Installation is carried out in the reverse sequence of removal.



4.8.3 Removing and installing lower A-pillar trim on front passenger side

Special tools and workshop equipment required

- ◆ Removal wedge - 3409-



Removing

- Release sill moulding in area of overlap to lower A-pillar trim
⇒ [page 117](#) .



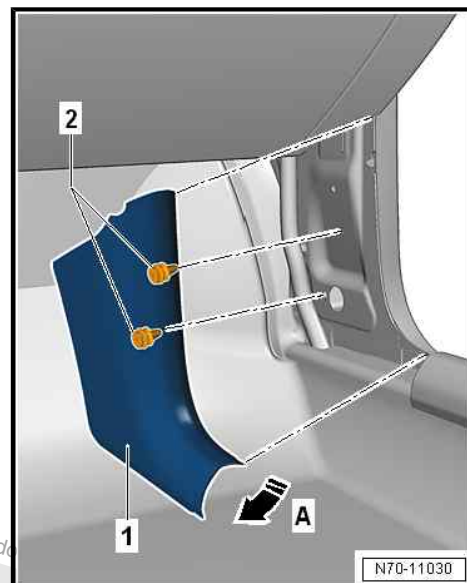
- Release lower A-pillar trim -1- from door seal beading.
- Release lower A-pillar trim -1- from retaining clips -2- using removing wedge - 3409- .
- Remove lower A-pillar trim -1- in -direction of arrow A-.

Installing



Note

- ◆ *Before installing, check all fasteners for damage and renew if necessary.*
- ◆ *Following installation, ensure that the A-pillar trim is positioned in door seal beading.*
- Installation is carried out in the reverse sequence of removal.



4.9 Removing and installing B-pillar trim

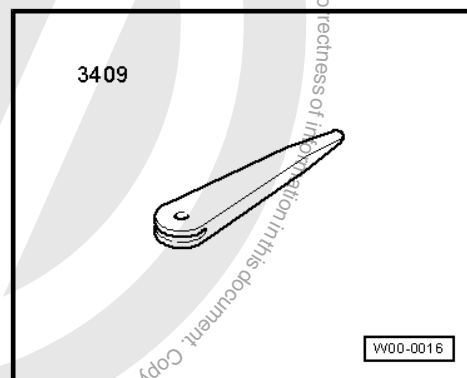
⇒ [“4.9.1 Removing and installing B-pillar trim, 2-door model”, page 129](#)

⇒ [“4.9.2 Removing and installing B-pillar trim, 4-door model”, page 131](#)

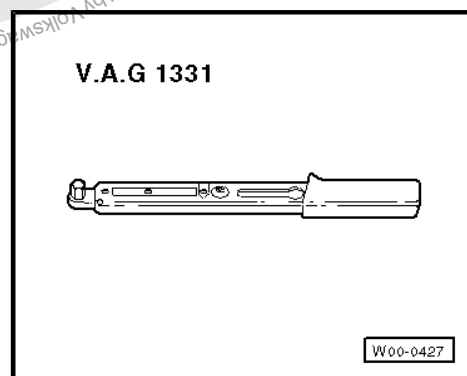
4.9.1 Removing and installing B-pillar trim, 2-door model

Special tools and workshop equipment required

- ◆ Removal wedge - 3409-



- ◆ Torque wrench - V.A.G 1331-



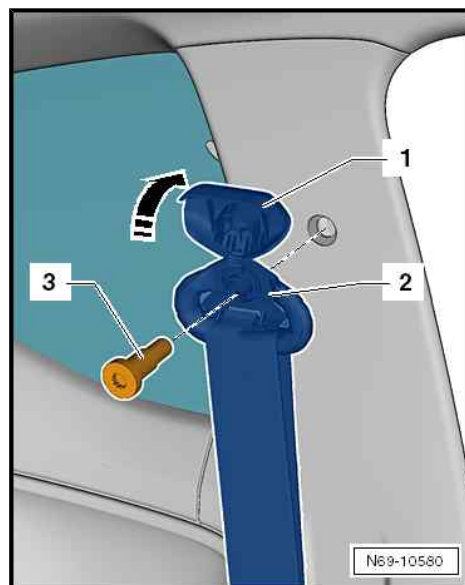


Note

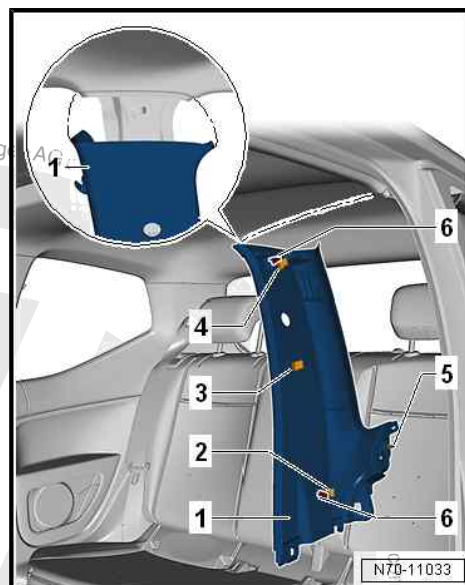
*Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.*

Removing

- Open cap -1- -arrow- and unscrew bolt -3- (40 Nm).
- Remove belt guide fitting -2- with belt webbing.
- Release C-pillar trim in area of overlap to B-pillar trim.
- Release side panel trim in area of overlap to B-pillar trim.



- Release B-pillar trim -1- from door seal beading.
- Release B-pillar trim -1- from mountings in area of retaining clips -2-, -3-, -4- and -5- using removing wedge - 3409- .
- Carefully lift off C-pillar trim in area of overlap to B-pillar trim.
- Carefully lift off side panel trim in area of overlap to B-pillar trim.
- Remove B-pillar trim -1-.



Installing



Note

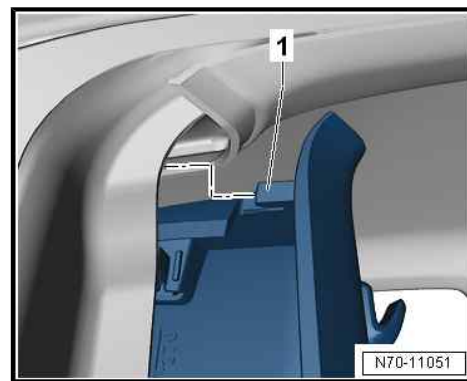
- ◆ *Before installing, check all fasteners for damage and renew if necessary.*
- ◆ *Following installation, ensure that the B-pillar trim is positioned in door seal beading.*

Install in the reverse order of removal observing the following:

- Insert centring pins -6- into mountings.



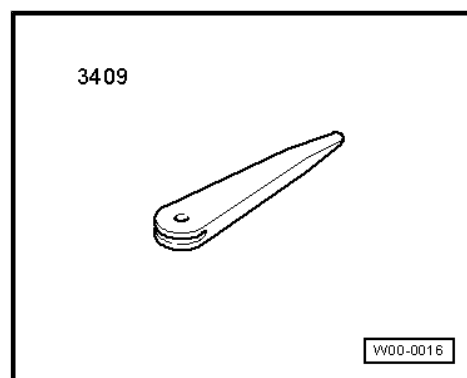
- Attach locking lug -1- on sheet metal edge of B-pillar.



4.9.2 Removing and installing B-pillar trim, 4-door model

Special tools and workshop equipment required

- ◆ Removal wedge - 3409-



Note

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

Removing

- Release B-pillar trim -1- from door seal beading.
- Release B-pillar trim -1- from mountings in area of retaining clips -2-, -3- and -4- using removing wedge - 3409- .
- Remove front belt end anchor.
- Thread belt end anchor together with seat belt through the hole in B-pillar trim -1-.
- Remove B-pillar trim -1-.

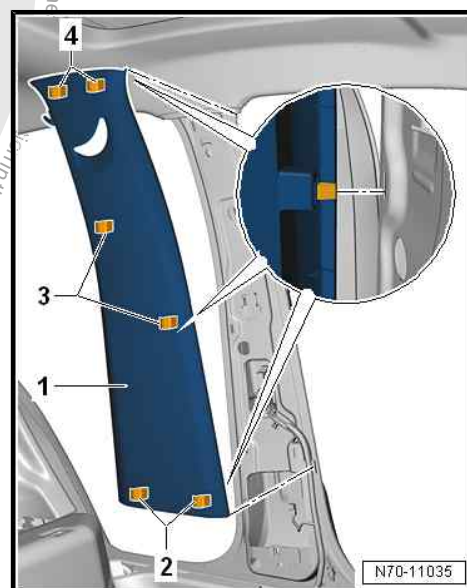
Installing



Note

- ◆ *Before installing, check all fasteners for damage and renew if necessary.*
- ◆ *Following installation, ensure that the B-pillar trim is positioned in door seal beading.*

- Installation is carried out in the reverse sequence of removal.





4.10 Removing and installing C-pillar trim

⇒ [“4.10.1 Removing and installing C-pillar trim, 2-door models”, page 132](#)

⇒ [“4.10.2 Removing and installing lower C-pillar trim, 4-door models”, page 133](#)

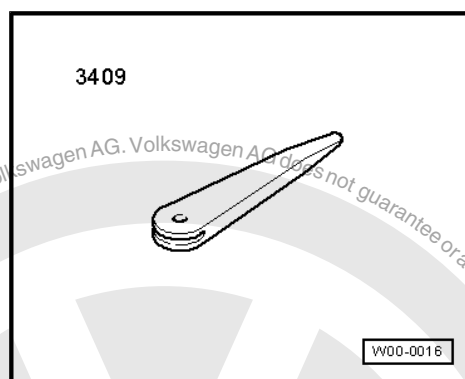
⇒ [“4.10.3 Removing and installing upper C-pillar trim, 4-door models”, page 134](#)

⇒ [“4.10.4 Removing and installing upper C-pillar trim, load-up!”, page 135](#)

4.10.1 Removing and installing C-pillar trim, 2-door models

Special tools and workshop equipment required

- ◆ Removal wedge - 3409-



Note

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

Removing

- Remove side trim panel ⇒ [page 137](#) .
- Remove luggage compartment side trim.



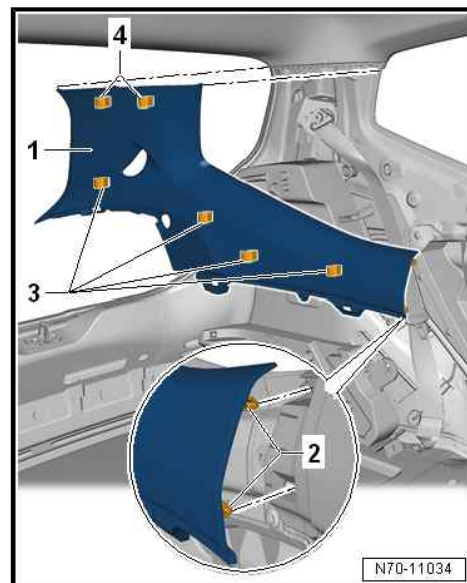
- Release C-pillar trim -1- from mountings in area of overlap to B-pillar trim -2-.
- Release C-pillar trim -1- from mountings in area of retaining clips -3- using removing wedge - 3409- .
- Release C-pillar trim -1- from rear lid seal beading.
- Release C-pillar trim -1- from mountings in area of retaining clips -4- using removal wedge - 3409- .
- Remove outer rear belt end anchor.
- Thread outer rear belt end anchor together with seat belt through the hole in C-pillar trim.
- Remove C-pillar trim.

Installing



Note

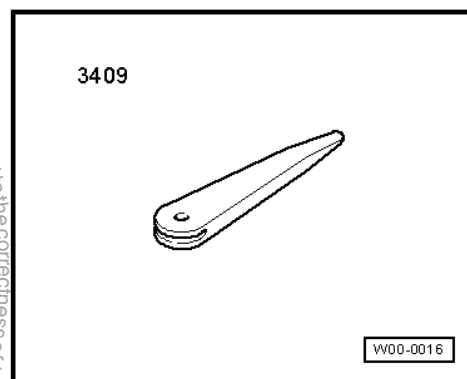
- ◆ *Before installing, check all fasteners for damage and renew if necessary.*
- ◆ *Following installation, ensure that the C-pillar trim is positioned in rear lid seal beading.*
- Installation is carried out in the reverse sequence of removal.



4.10.2 Removing and installing lower C-pillar trim, 4-door models

Special tools and workshop equipment required

- ◆ Removal wedge - 3409-



Note

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

Removing

- Remove bench seat/individual seats.
- Remove rear seat backrest.
- Release 4-door-model sill moulding at rear ➤ [page 117](#) .



- Release lower C-pillar trim -1- from door seal beading.
- Release lower C-pillar trim -1- from mountings in area of retaining clips -2- using removing wedge - 3409- .
- Release lower C-pillar trim -1- from mountings in area of retaining clips -3- using removal wedge - 3409- .
- Remove C-pillar trim -1-.

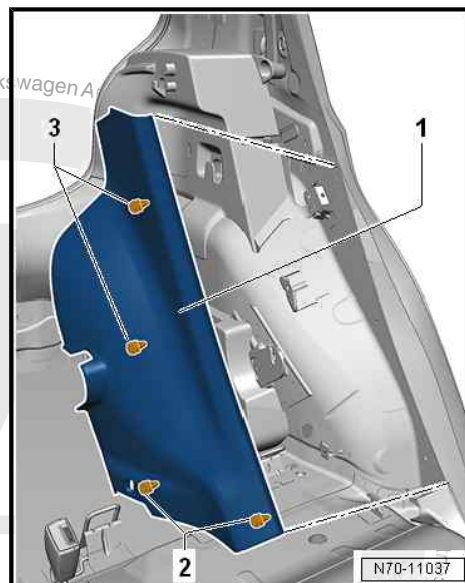
Installing

If for an e-up! 2014➤ the lower trim of the C-pillar is renewed, a noise insulation must be bonded on the new part on the body side of the lower trim of the C-pillar. Use the dimensions of the old part when cutting the new noise insulation.



Note

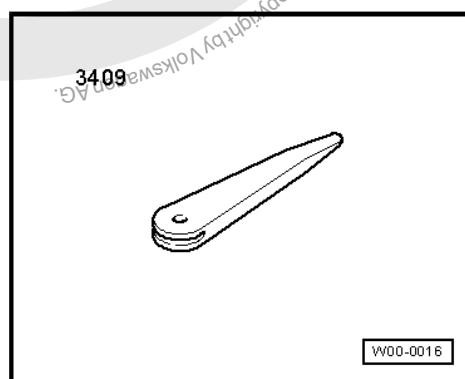
- ◆ *Before installing, check all fasteners for damage and renew if necessary.*
- ◆ *Following installation, ensure that the lower C-pillar trim is positioned in door seal beading.*
- Installation is carried out in the reverse sequence of removal.



4.10.3 Removing and installing upper C-pillar trim, 4-door models

Special tools and workshop equipment required

- ◆ Removal wedge - 3409-



Note

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

Removing

- Remove lower C-pillar trim ➔ [page 133](#) .
- Remove luggage compartment side trim.



- Release upper C-pillar trim -1- from rear lid seal beading.
- Release upper C-pillar trim -1- from mountings in area of retaining clips -3- using removing wedge - 3409- .
- Release upper C-pillar trim -1- from mountings in area of retaining clips -2- using removal wedge - 3409- .
- Remove outer rear belt end anchor.
- Thread outer rear belt end anchor together with seat belt through the hole in upper C-pillar trim -1-.
- Remove upper C-pillar trim -1-.

Installing

If for an e-up! 2014 ➤ the upper trim of the C-pillar is renewed, a noise insulation must be bonded on the new part on the body side of the upper trim of the C-pillar. Use the dimensions of the old part when cutting the new noise insulation.



Note

- ◆ *Before installing, check all fasteners for damage and renew if necessary.*
- ◆ *Following installation, ensure that the upper C-pillar trim is positioned in rear lid seal beading.*

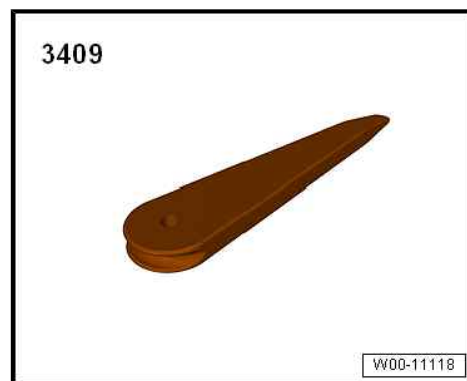
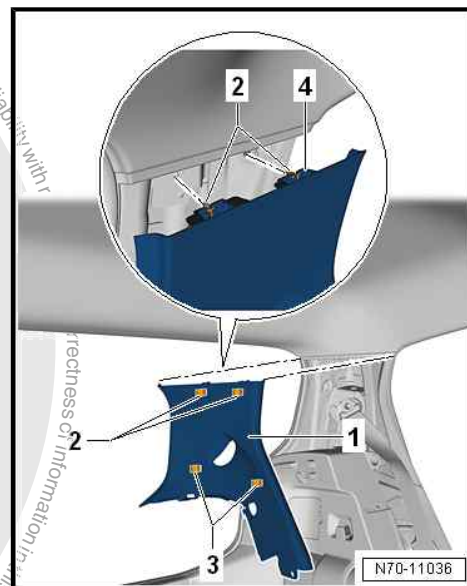
Install in the reverse order of removal observing the following:

- Insert centring pin -4- into mounting.

4.10.4 Removing and installing upper C-pillar trim, load-up!

Special tools and workshop equipment required

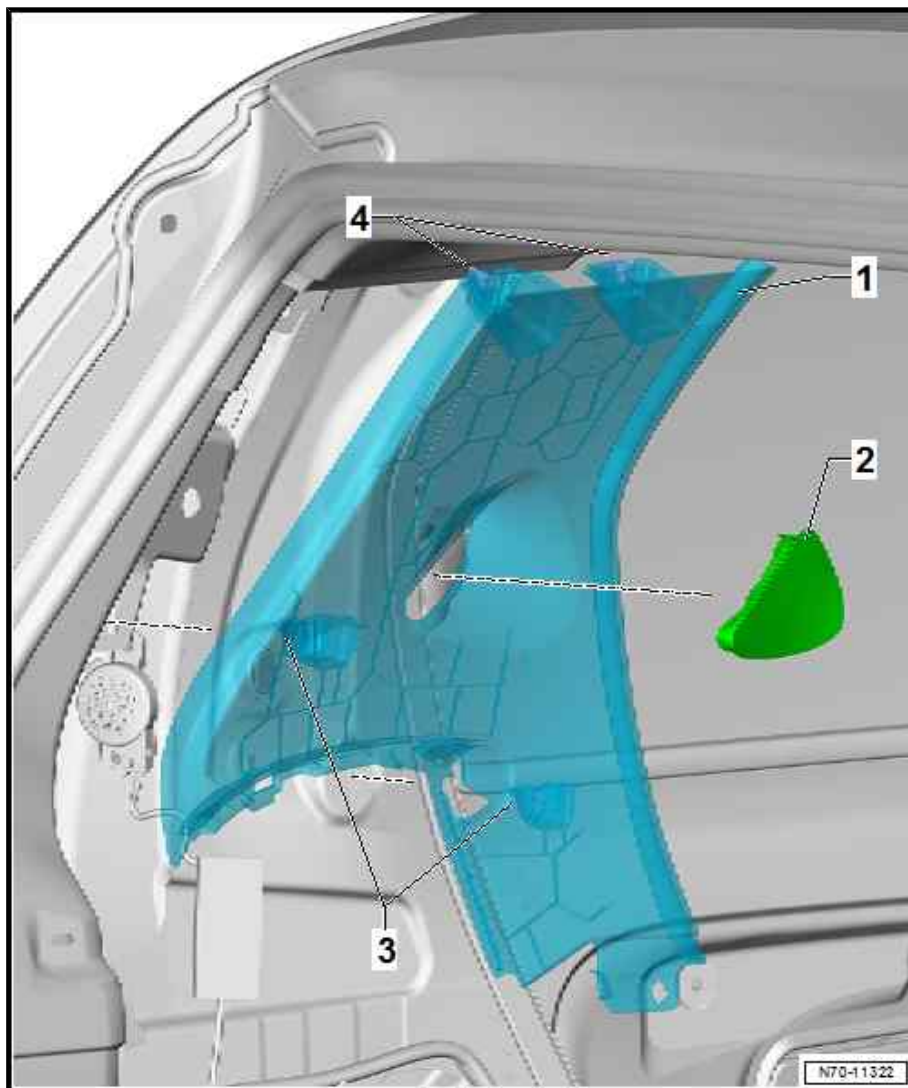
- ◆ Removal wedge - 3409-



Note

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

Removing



- Remove luggage compartment side trim.
- Release upper C-pillar trim -1- from rear lid seal beading.
- Release upper C-pillar trim -1- from mountings in area of retaining clips -3- using removing wedge -3409- .
- Release upper C-pillar trim -1- from mountings in area of retaining clips -4- using removal wedge -3409- .
- Leave cover for belt guide -2- installed in C-pillar trim.
- Remove upper C-pillar trim -1-.

Installing



Note

- ◆ *Before installing, check all fasteners for damage and renew if necessary.*
- ◆ *Following installation, ensure that the upper C-pillar trim is positioned in rear lid seal beading.*

Install in the reverse order of removal observing the following:

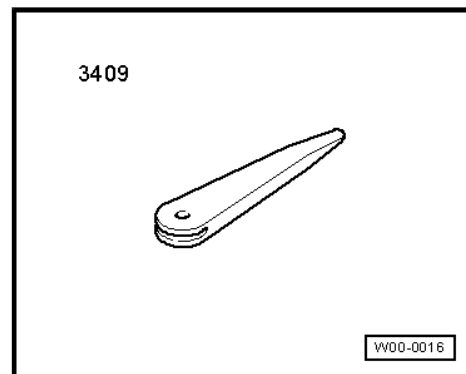


- If upper C-pillar trim -1- is renewed, insert cover for belt guide -2- beforehand.

4.11 Removing and installing side trim

Special tools and workshop equipment required

- ◆ Removal wedge - 3409-



Note

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

Removing

- Remove bench seat/individual seats.
- Remove rear seat backrest.
- Release side trim -2- from door seal beading.
- Release side trim -2- from mountings in area of locking lug -4- using removing wedge - 3409- .
- Release side trim -2- from mountings in area of retaining clips -3- using removing wedge - 3409- .
- Pull side trim -2- upwards until centring pin -1- is released.
- Remove side trim -2-.

Installing

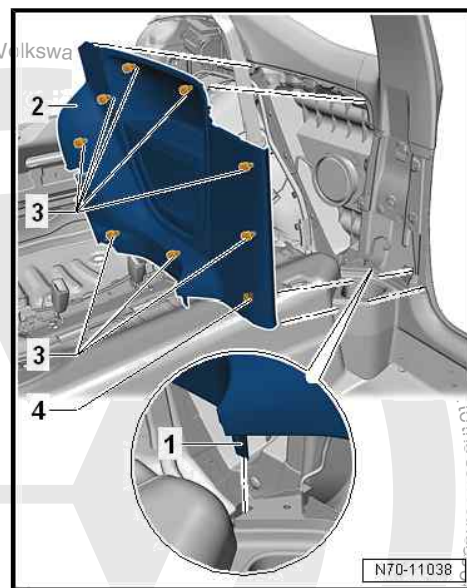


Note

- ◆ *Before installing, check all fasteners for damage and renew if necessary.*
- ◆ *Following installation, ensure that the side trim is positioned in the door seal beading.*

Install in the reverse order of removal observing the following:

- Insert centring mandrel -1- into mounting.

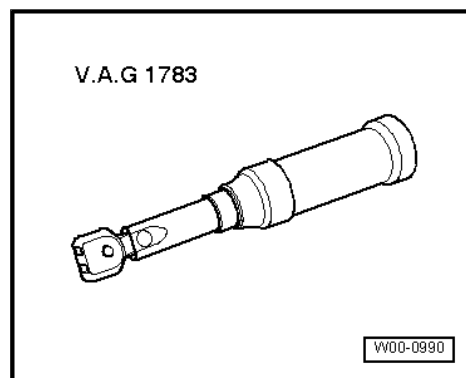


4.12 Removing and installing foot rest

Special tools and workshop equipment required



- ◆ Torque wrench - V.A.G 1783-



Removing

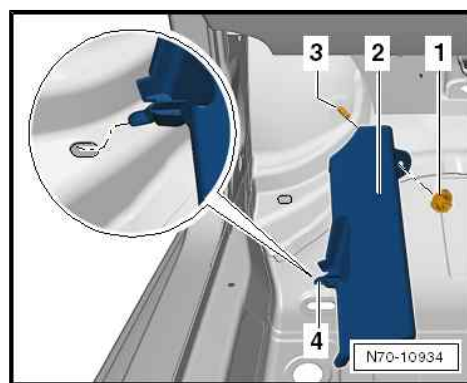
- Remove lower A-pillar trim on driver side ➔ [page 127](#) .
- Fold back floor covering in area of foot rest.
- Fold back floor insulation in area of foot rest.
- Unscrew nut -1- (2 Nm).
- Remove foot rest -2- from bodywork stud -3-.
- Swing centring pin -4- of foot rest -2- out of mounting.
- Remove foot rest -2-.

Installing



Note

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



Install in the reverse order of removal observing the following:

- Insert centring pin -4- into mounting.

4.13 Removing and installing floor covering

Removing

- Remove lower part of centre console ➔ [page 29](#) .
- Remove handbrake lever trim ➔ [page 22](#) .
- Remove left and right sill panel moulding ➔ [page 123](#) .
- Remove lower A-pillar trim on driver side ➔ [page 127](#) .
- Remove lower A-pillar trim on front passenger side ➔ [page 128](#) .
- Remove right and left B-pillar trims ➔ [page 129](#) .
- Remove front seats on driver and front passenger sides ➔ [page 173](#) .
- Remove bench seat / single seats ➔ [page 193](#) .

2-door

- Remove left and right side trim panel ➔ [page 137](#) .

4-door

- Remove lower left and right C-pillar trim ➔ [page 133](#) .



load up!

- Remove lower left and right C-pillar trim ➔ [page 132](#) .

Continued for all vehicles

- Unscrew clip nuts -3-.
- Detach floor covering -1- all round.
- Raise floor covering -1- and remove from vehicle -2- (folded along longitudinal axis).

Installing

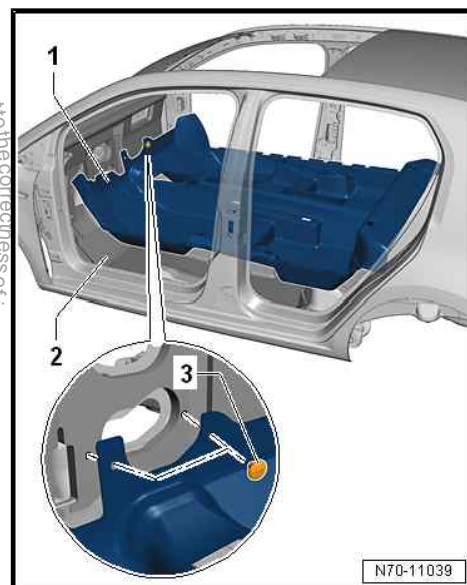


Note

- Carry out a visual inspection to confirm correct installation location. Holes and attachments, e.g. mountings for seat anchors, must mate appropriately.
- Before installing, check all fasteners for damage and renew if necessary.

Install in the reverse order of removal observing the following:

- Pre-position floor covering -1-, folded along longitudinal axis, in vehicle -2-.
- Unfold floor covering -1- in vehicle -2- and fit.



4.14 Removing and installing floor insulation

Removing

- Remove floor covering ➔ [page 138](#) .
- Detach floor insulation -1- all round.
- Raise floor insulation -1- and remove from vehicle (folded along longitudinal axis).

Installing

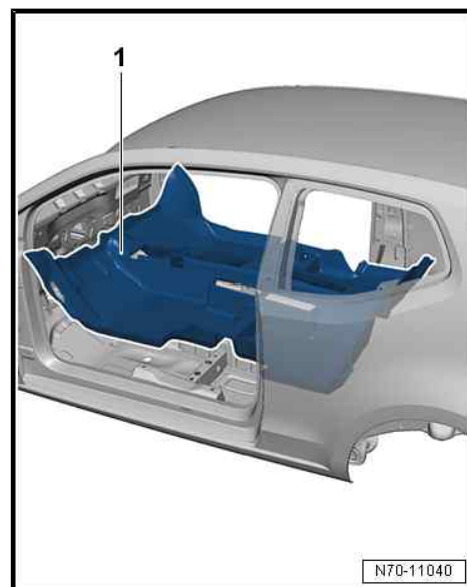


Note

Carry out a visual inspection to confirm correct installation location, e.g. mountings for seat anchors must mate appropriately.

Install in the reverse order of removal observing the following:

- Pre-position floor insulation -1-, folded along longitudinal axis, in vehicle.
- Unfold floor insulation -1- in vehicle and fit.



4.15 Removing and installing interior bulk-head insulation



Note

Removal and installation are described for left-hand drive vehicles. Removal and installation for a RHD vehicle is similar.



Removing

- Remove dash panel central tube ⇒ [page 113](#) .
- Remove heater and air conditioning unit ⇒ Rep. gr. 87 ; Heater and air conditioning unit; Removing and installing heater and air conditioning unit .

Vehicles with 5-speed manual gearbox 0CF

- Remove mounting bracket with clutch pedal ⇒ Rep. gr. 30 ; Clutch mechanism; Removing and installing mounting bracket .

Continued for all vehicles

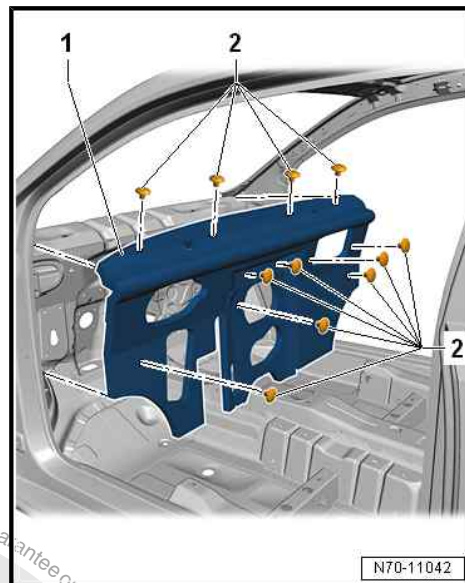
- Unscrew clip nuts -2-.
- Remove inner bulkhead insulation -1-.

Installing



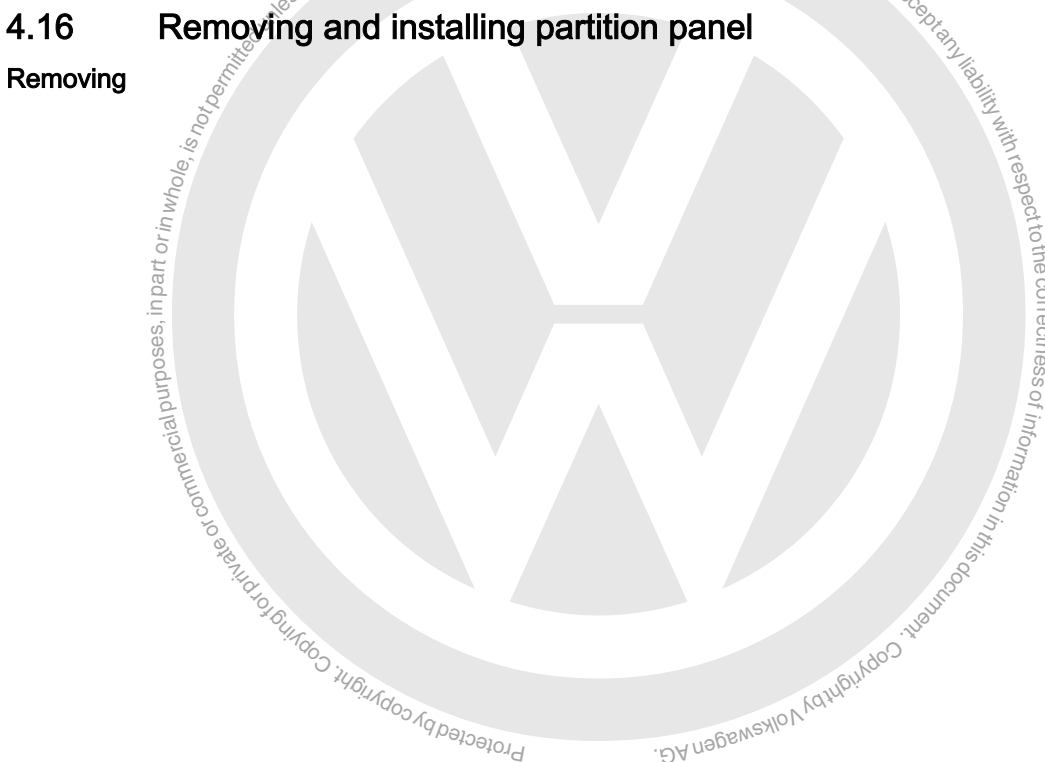
Note

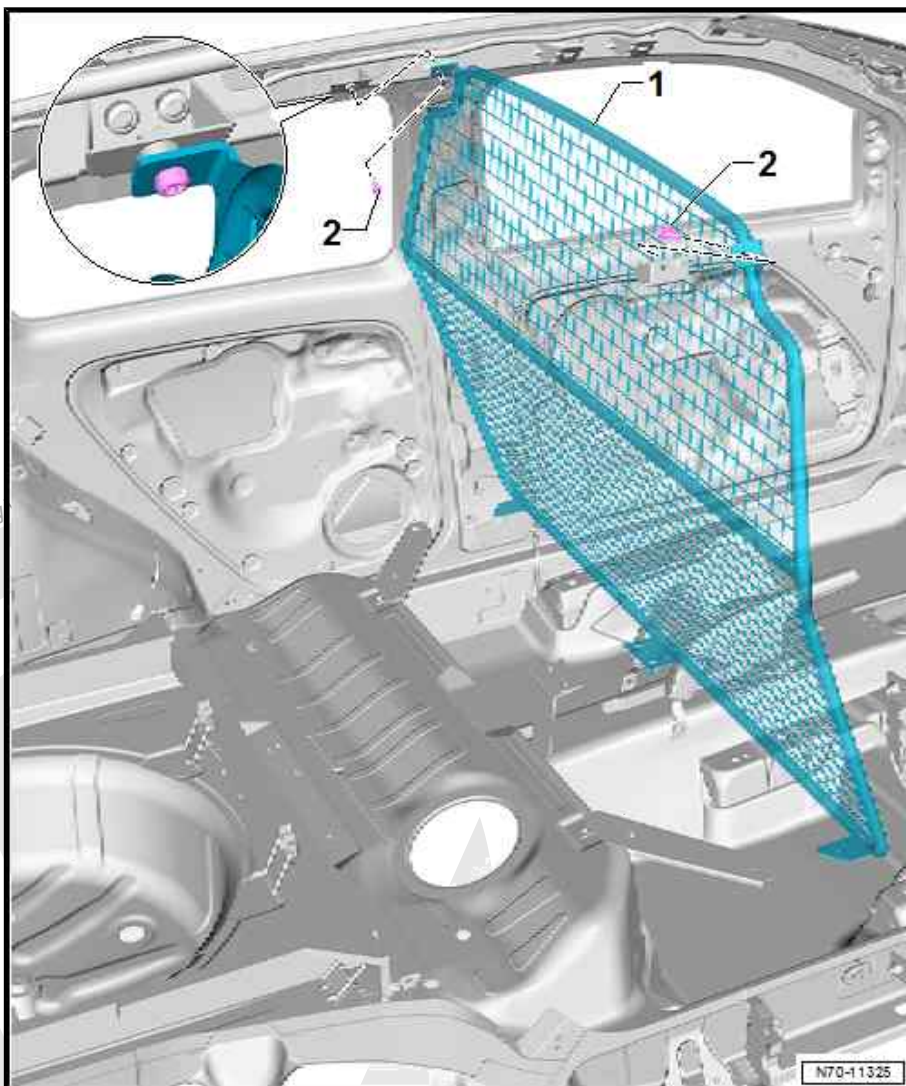
- ♦ *Carry out a visual inspection to confirm correct installation location.*
- ♦ *Before installing, check all fasteners for damage and renew if necessary.*
- Installation is carried out in the reverse sequence of removal.



4.16 Removing and installing partition panel

Removing





- Remove luggage compartment floor.
- Unscrew bolts for moulded headliner -2- on top left and right from bracket for partition panel.
- Remove partition panel -1- towards rear from luggage compartment.

Installing



Note

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

- Installation is carried out in the reverse sequence of removal.

Specified torques

- ◆ ➤ ["4.6 Assembly overview - partition panel, load-up!", page 123](#)



4.17 Removing and installing rear shelf

Removing

- Detach rear shelf -1- from mountings / fasteners -arrow- on right and left.
- Remove rear shelf -1- through luggage compartment opening.

Installing

If for an e-up! 2014➤ the rear shelf is renewed, bond a noise insulation on the new part on the under side of the rear shelf. Use the dimensions of the old part when cutting the new noise insulation.



Note

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

- Installation is carried out in the reverse sequence of removal.





5 Luggage compartment trims

⇒ [“5.1 Overview of fitting locations - luggage compartment trims”, page 143](#)

⇒ [“5.2 Assembly overview - luggage compartment side trim”, page 145](#)

⇒ [“5.3 Removing and installing rear lid trim”, page 147](#)

⇒ [“5.4 Removing and installing luggage compartment side trim”, page 148](#)

⇒ [“5.5 Removing and installing luggage compartment floor”, page 152](#)

⇒ [“5.6 Removing and installing lock carrier cover”, page 155](#)

⇒ [“5.7 Removing and installing support for luggage compartment floor”, page 157](#)

⇒ [“5.8 Removing and installing frame of luggage compartment floor”, page 157](#)

5.1 Overview of fitting locations - luggage compartment trims

⇒ [“5.1.1 Overview of fitting locations - luggage compartment trims”, page 143](#)

⇒ [“5.1.2 Overview of fitting locations - luggage compartment trims, load-up!”, page 145](#)

5.1.1 Overview of fitting locations - luggage compartment trims



1 - Rear shelf

- ❑ Removing and installing

2 - Rear lid trim

- ❑ Removing and installing
⇒ [page 147](#)

3 - Luggage compartment side trim

- ❑ Removing and installing
⇒ [page 148](#)

4 - Luggage compartment floor covering bracket

- ❑ Removing and installing
⇒ [page 157](#)

5 - Upper luggage compartment floor

- ❑ Removing and installing
⇒ [page 152](#)

6 - Lower luggage compartment floor

- ❑ Removing and installing
⇒ [page 153](#)



5.1.2 Overview of fitting locations - luggage compartment trims, load-up!

1 - Upper C-pillar trim

- ☐ Removing and installing

2 - Rear lid trim

- ☐ Removing and installing
⇒ [page 147](#)

3 - Lock carrier trim

- ☐ Removing and installing
⇒ [page 155](#)

4 - Load floor

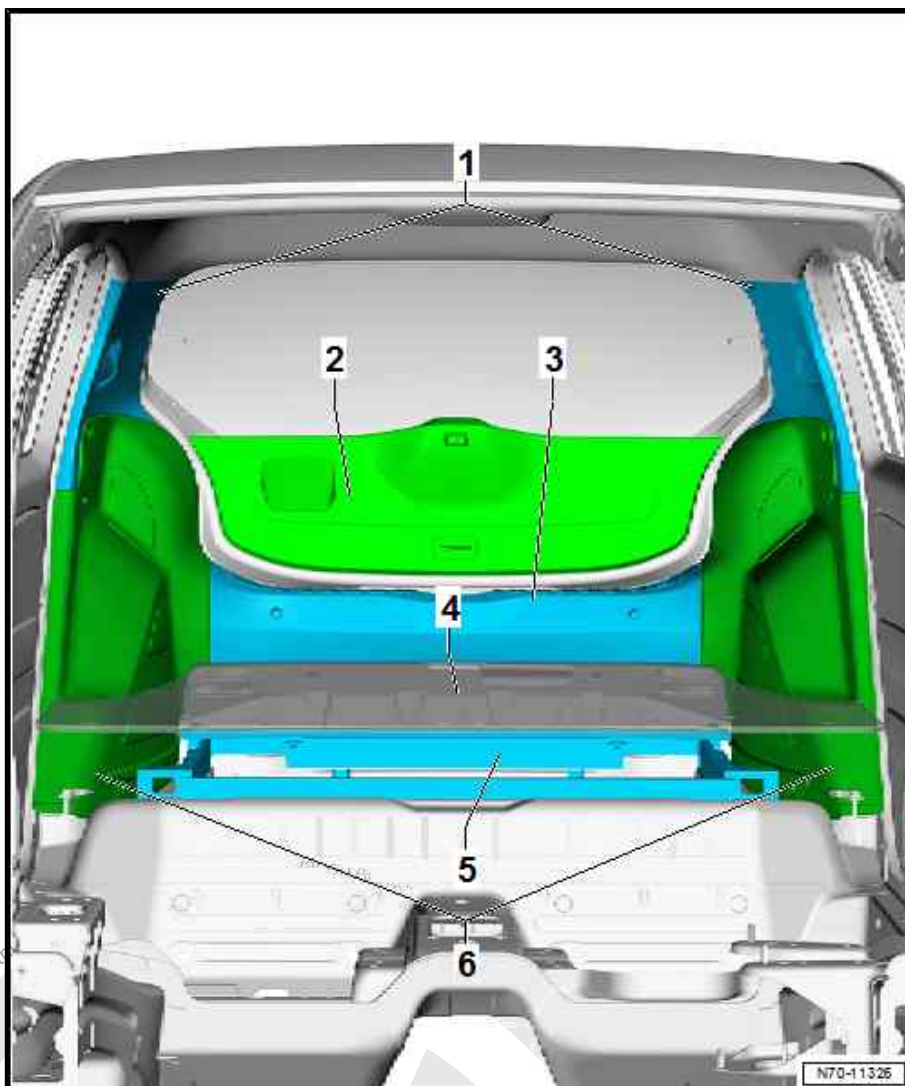
- ☐ Removing and installing
⇒ [page 153](#)

5 - Frame for luggage compartment floor

- ☐ Removing and installing
⇒ [page 157](#)

6 - Luggage compartment side trim

- ☐ Removing and installing
⇒ [page 146](#)



5.2 Assembly overview - luggage compartment side trim

⇒ ["5.2.1 Assembly overview - luggage compartment side trim", page 145](#)

⇒ ["5.2.2 Assembly overview - luggage compartment side trim, load-up!", page 146](#)

5.2.1 Assembly overview - luggage compartment side trim



Note

The illustration shows the luggage compartment side trim on the left side. The right-hand side is similar (mirror image of left-hand side).



1 - Luggage compartment side trim

- ❑ Removing and installing
⇒ [page 148](#)

2 - Mounting / attachment for rear shelf

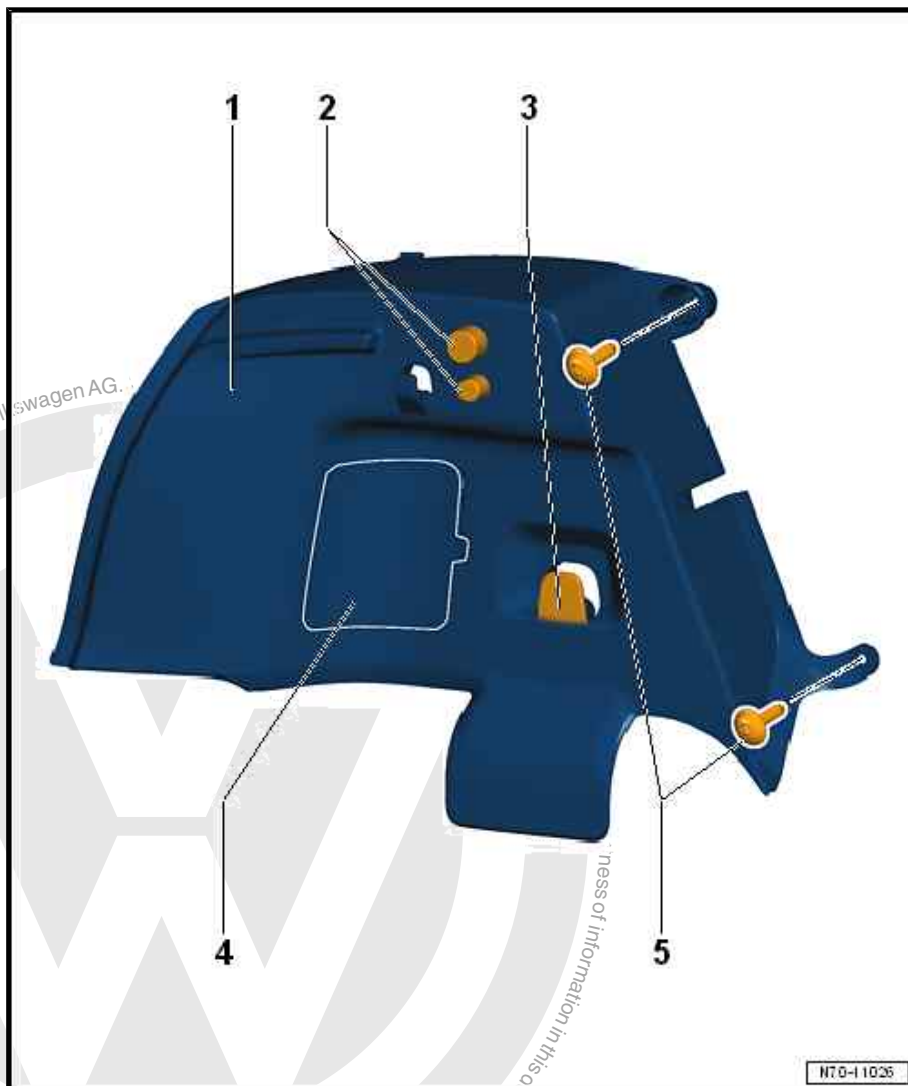
- ❑ To raise and secure rear shelf

3 - Bag hook

4 - Maintenance cover

5 - Bolt

- ❑ Qty. 2
- ❑ 1.5 Nm



5.2.2 Assembly overview - luggage compartment side trim, load-up!



Note

The illustration shows the luggage compartment side trim on the left side. The right-hand side is similar (mirror image of left-hand side).



1 - Luggage compartment side trim

- ❑ Removing and installing
⇒ [page 150](#)

2 - Bolt

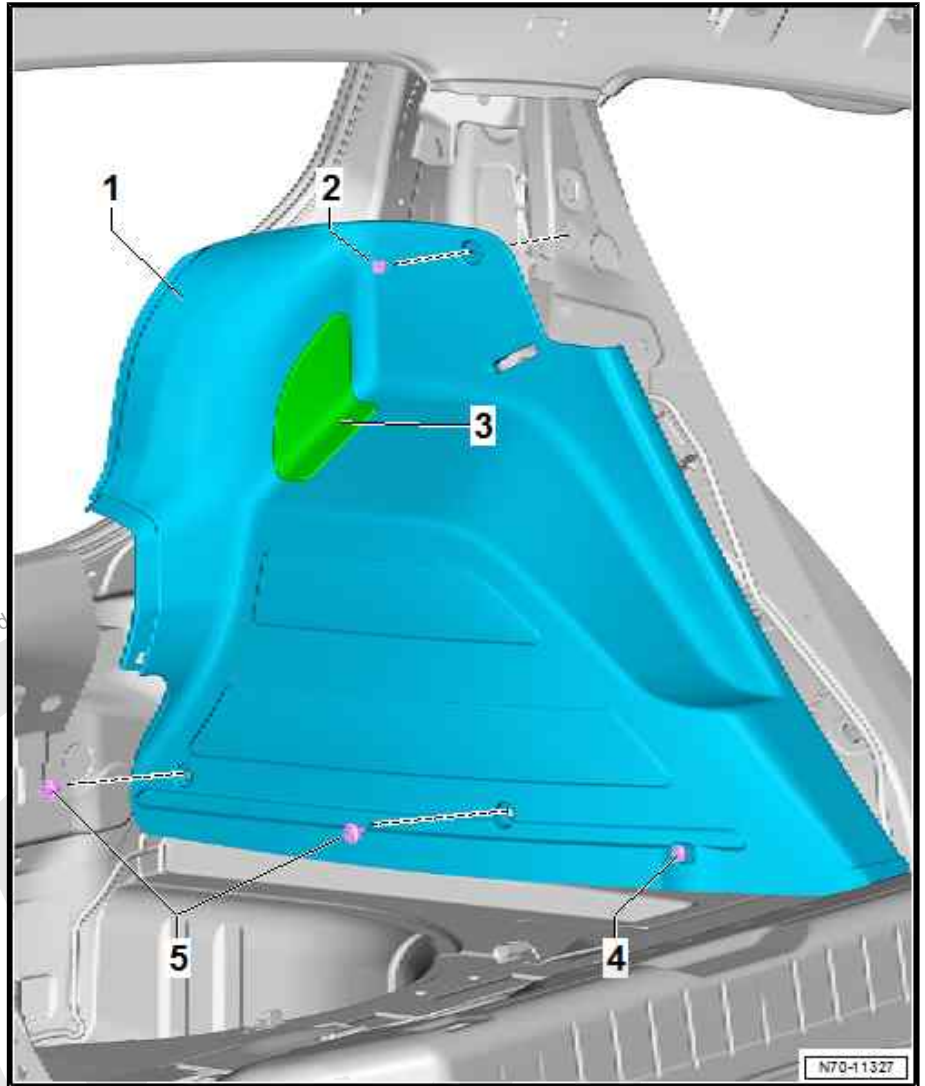
- ❑ 1 Nm

3 - Maintenance cover

4 - Fastener

5 - Fastener

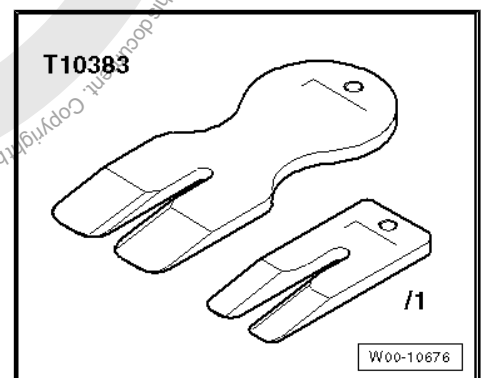
- ❑ Qty. 2



5.3 Removing and installing rear lid trim

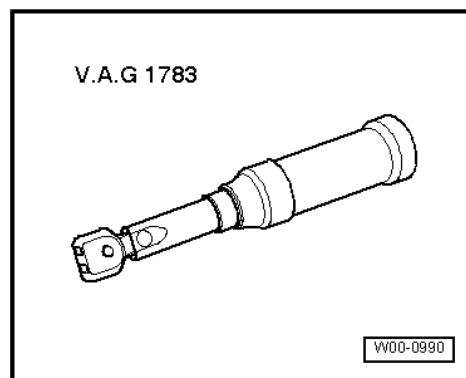
Special tools and workshop equipment required

- ◆ Wedges - T10383-





- ◆ Torque wrench - V.A.G 1783-



Removing

- Unscrew bolt -1- in handle recess (1.5 Nm).
- Release rear lid trim -3- from mountings in area of retaining clips -2- using wedge - T10383- .

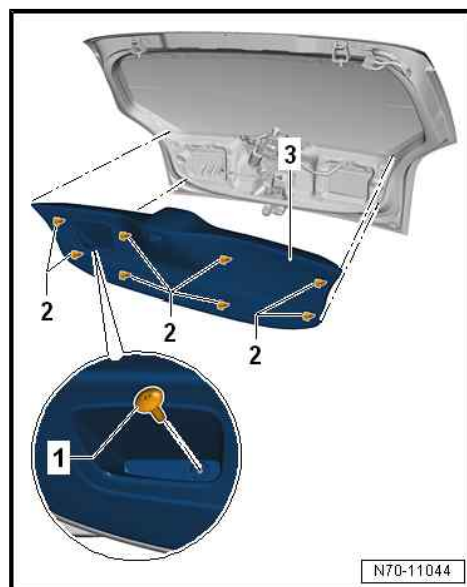
Installing



Note

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

- Installation is carried out in the reverse sequence of removal.



5.4 Removing and installing luggage compartment side trim

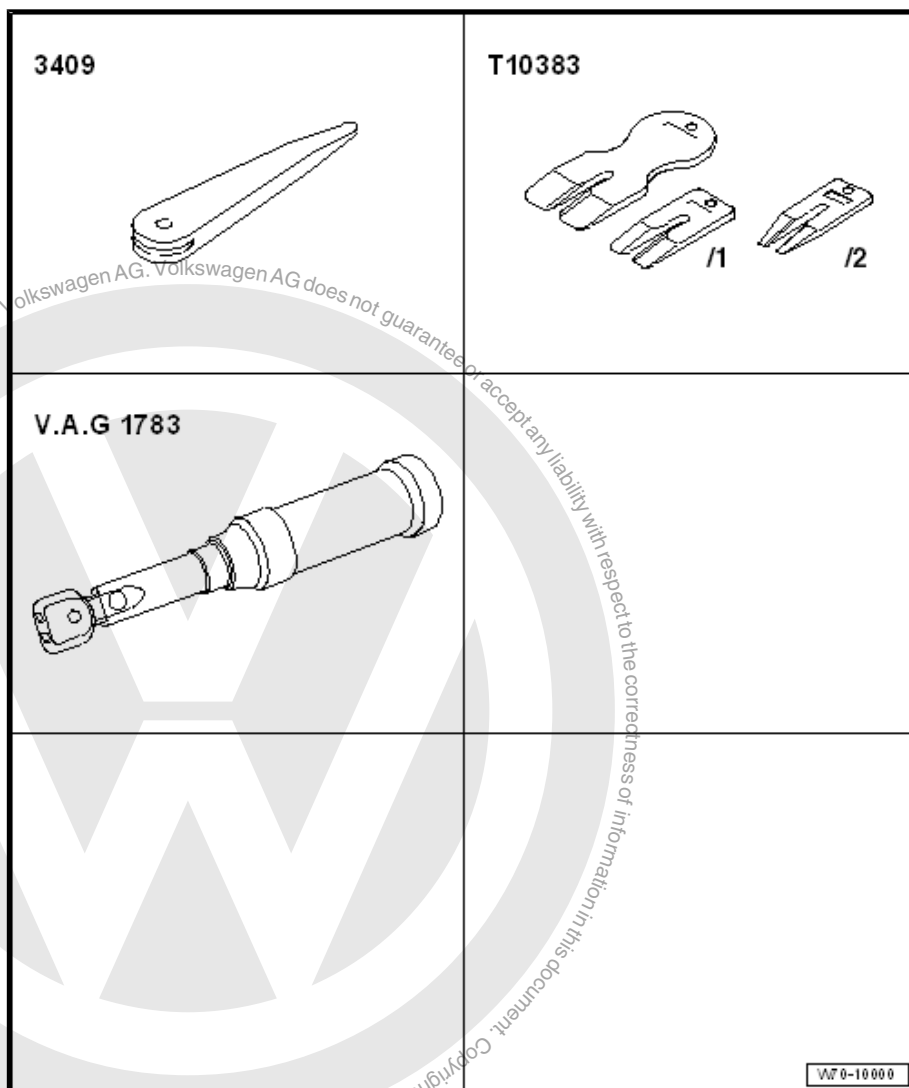
⇒ ["5.4.1 Removing and installing luggage compartment side trim", page 148](#)

⇒ ["5.4.2 Removing and installing luggage compartment side trim, load up!", page 150](#)

5.4.1 Removing and installing luggage compartment side trim



Special tools and workshop equipment required



- ◆ Removal wedge - 3409-
- ◆ Wedges - T10383-
- ◆ Torque wrench - V.A.G 1783-



Note

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

Removing

- Remove rear shelf.

2-door

- Remove rear seat backrest.
- Remove side trim panel.

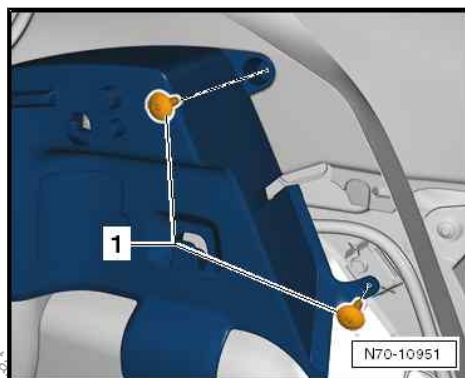
4-door

- Remove lower C-pillar trim.



Continued for all vehicles

- Unscrew bolts -1-.



- Release luggage compartment side trim -1- from rear lid seal beading.
- Release luggage compartment side trim -1- from mountings in area of locking lug -2- using removing wedge - 3409- .
- Release luggage compartment side trim -1- out of mountings in area of retaining clips -4- using wedge - T10383- .
- Remove luggage compartment side trim -1-.

Installing

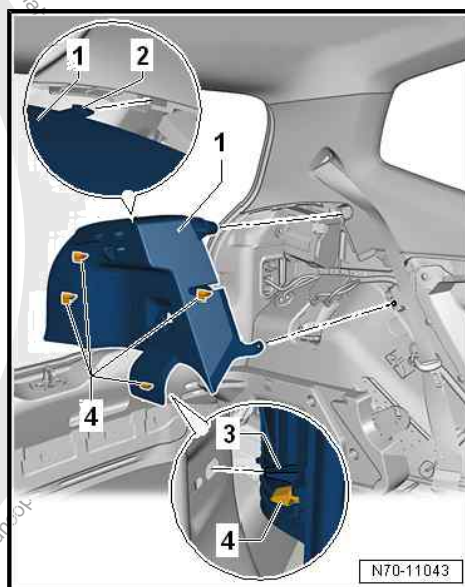


Note

- ◆ *Before installing, check all fasteners for damage and renew if necessary.*
- ◆ *Following installation, ensure that the trim is positioned in rear lid seal beading.*

Install in the reverse order of removal observing the following:

- Insert centring mandrel -3- into mounting.



5.4.2 Removing and installing luggage compartment side trim, load up!

Special tools and workshop equipment required

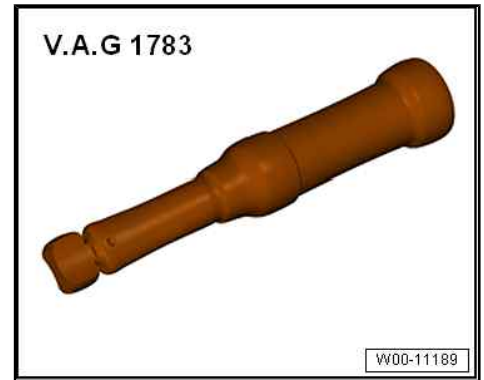
- ◆ Removal wedge - 3409-



Special tools and workshop equipment required



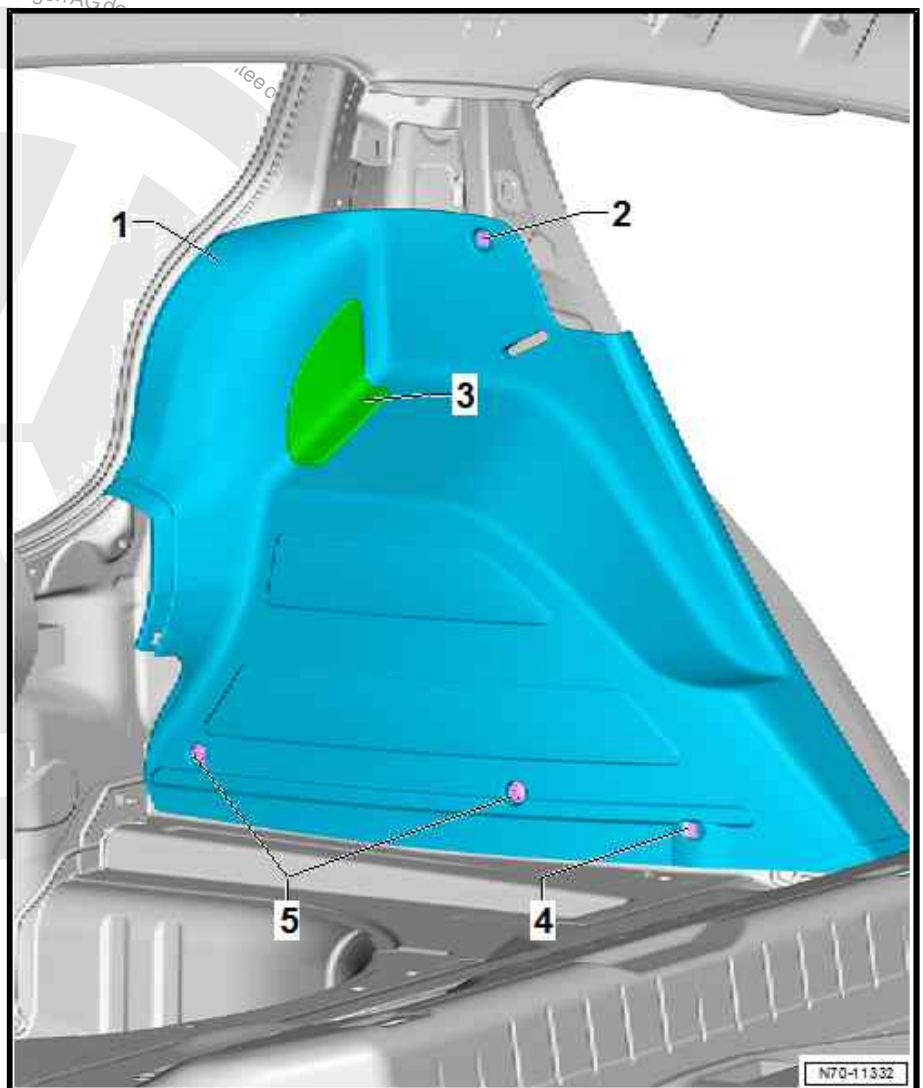
- ◆ Torque wrench - V.A.G 1783-



Note

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

Removing



- Remove luggage compartment floor ➔ [page 153](#) .



- Remove frame for luggage compartment floor ➔ [page 157](#) .
- Unscrew bolt -2-.
- Release luggage compartment side trim -1- from rear lid seal beading.
- Detach luggage compartment side trim -1- from mountings in area of retaining clips -5- using removal wedge - 3409- .
- Pull luggage compartment side trim -1- towards partition panel out of retaining clip -4-.
- Remove luggage compartment side trim -1-.

Installing



Note

- ◆ *Before installing, check all fasteners for damage and renew if necessary.*
- ◆ *Following installation, ensure that the trim is positioned in rear lid seal beading.*
- ◆ *Make sure that the retaining clip -4- is properly seated in the guide in the luggage compartment side trim -1-.*

Installation is carried out in the reverse sequence of removal.

Specified torques

- ◆ ➔ [“5.2.2 Assembly overview - luggage compartment side trim, load-up!”, page 146](#)

5.5 Removing and installing luggage compartment floor

➔ [“5.5.1 Removing and installing upper luggage compartment floor”, page 152](#)

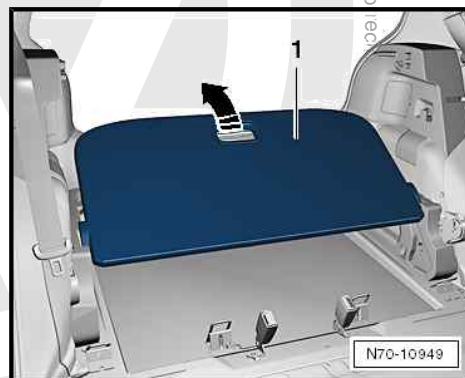
➔ [“5.5.2 Removing and installing lower luggage compartment floor”, page 153](#)

➔ [“5.5.3 Removing and installing luggage compartment floor, load up!”, page 153](#)

5.5.1 Removing and installing upper luggage compartment floor

Removing

- Lift upper luggage compartment floor -1- in -direction of arrow-.





- Remove upper luggage compartment floor -1- from luggage compartment floor covering bracket.

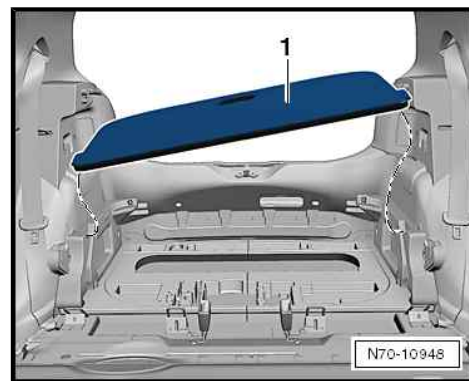
Installing

Install in the reverse order of removal observing the following:



Note

Ensure that the upper luggage compartment floor is properly inserted in brackets on left and right.



5.5.2 Removing and installing lower luggage compartment floor

Removing

- Remove upper luggage compartment floor ➔ [page 152](#) .
- Remove lower luggage compartment floor -1-.

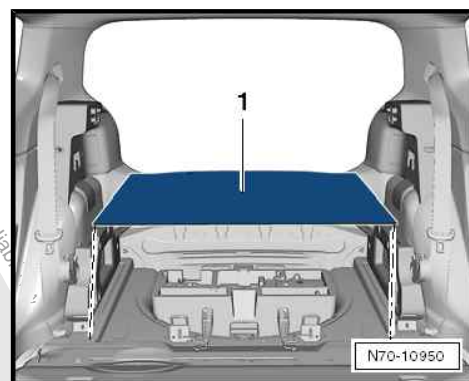
Installing

Installation is carried out in the reverse sequence of removal.



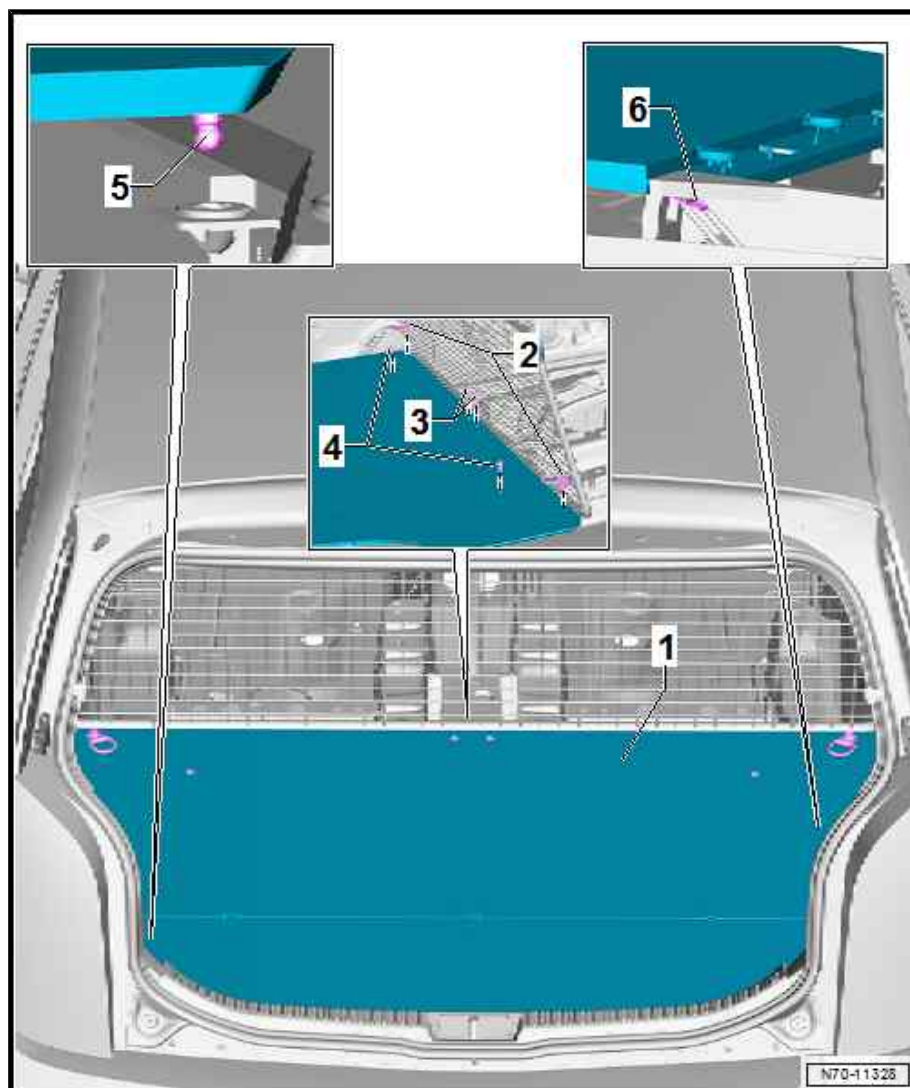
Note

- ◆ *Ensure that the lower luggage compartment floor is pushed under the seat backrest.*
- ◆ *Not applicable for the load-up! There is no lower luggage compartment floor fitted.*



5.5.3 Removing and installing luggage compartment floor, load up!

Removing



- Unscrew bolts -2- for tie-down rings on left and right from luggage compartment floor -1-.
- Unscrew bolts -3- for centre bracket of partition panel from luggage compartment floor -1-.
- Unscrew bolts -4- for side brackets of partition panel from luggage compartment floor -1-.
- Lift luggage compartment floor -1- via spare wheel well out of mounting -5-, and fold it upwards.
- Fold rear and front section of luggage compartment floor -1- by approx. 45° towards partition panel, and guide it out of outer Isofix retaining tabs -6-.
- Remove luggage compartment floor -1- through door aperture.

Installing

Installation is carried out in the reverse sequence of removal.



Note

Make sure that the luggage compartment floor is properly inserted into the outer Isofix retaining tabs -6- on left and right.



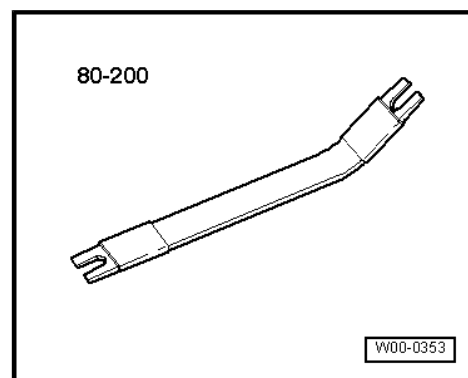
Specified torques

Component	Torque
Bolts for fastening rings	17 Nm
Bolts for centre bracket of partition panel	10 Nm
Bolts for side brackets of partition panel	10 Nm

5.6 Removing and installing lock carrier cover

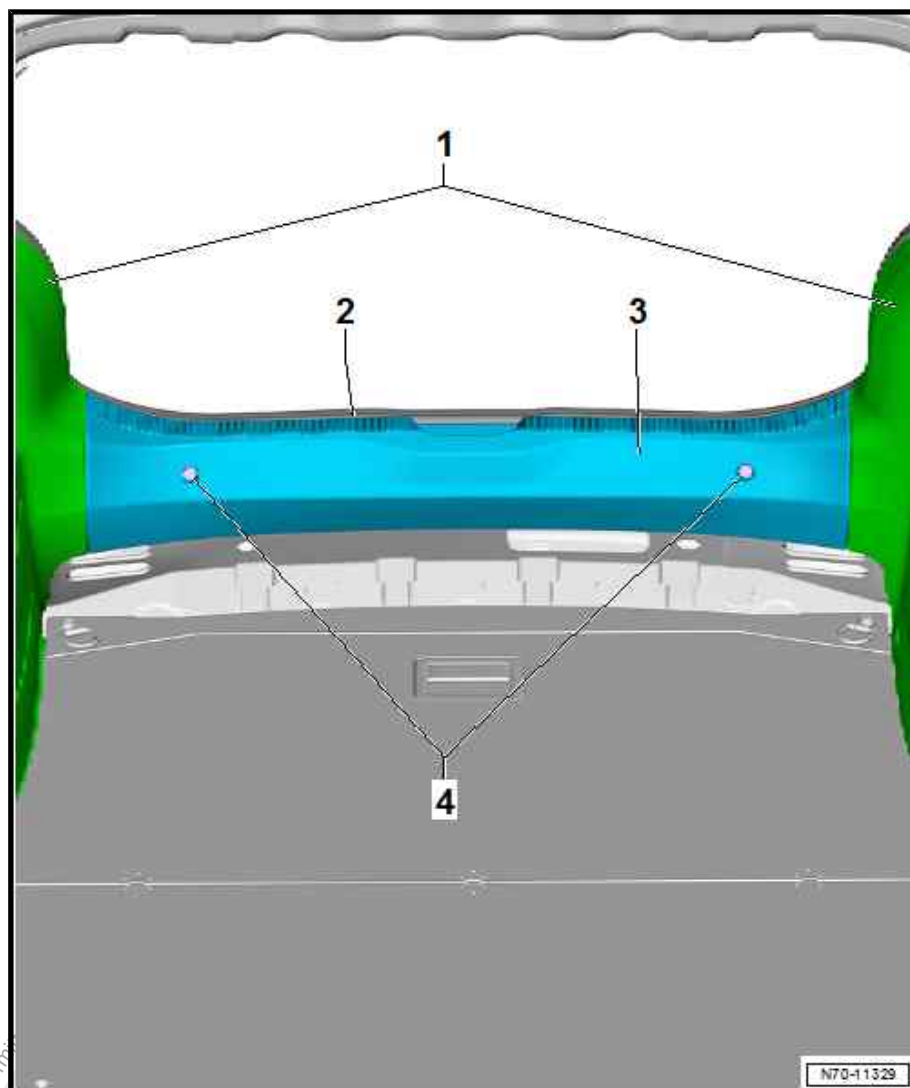
Special tools and workshop equipment required

- ◆ Release lever - 80 - 200-



Removing





- Remove clips -4- on lock carrier cover -3- using removal lever - 80 - 200- .
- Pull off rear lid seal -2- in area of lock carrier cover -3-.
- Remove cover towards rear.

Installing



Note

- ◆ Before installing, check all fasteners for damage and renew if necessary.
- ◆ Remove any retaining clips left in body mountings using removal tool - T40280- , and fit them in lock carrier cover for installation.
- ◆ Following installation, ensure that the lock carrier cover is positioned in the rear lid seal beading.
- ◆ Make sure that the retaining lugs of the lock carrier cover are properly engaged in the luggage compartment side trim.

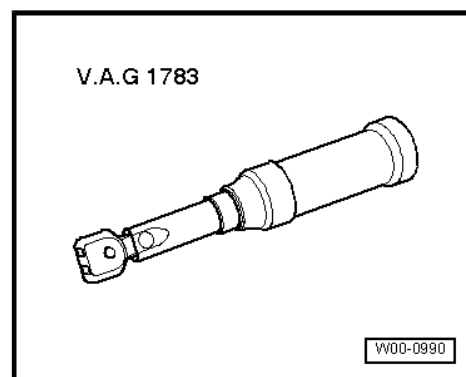
Install in reverse order.



5.7 Removing and installing support for luggage compartment floor

Special tools and workshop equipment required

- ◆ Torque wrench - V.A.G 1783-



Note

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

Removing

- Remove upper luggage compartment floor ➔ [page 152](#).
- Fold down rear seat backrest.
- Unscrew bolts -2- (8 Nm).
- Remove luggage compartment floor covering bracket -1-.

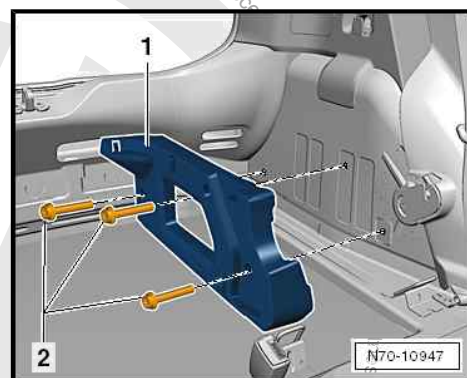
Installing



Note

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

- Installation is carried out in the reverse sequence of removal.



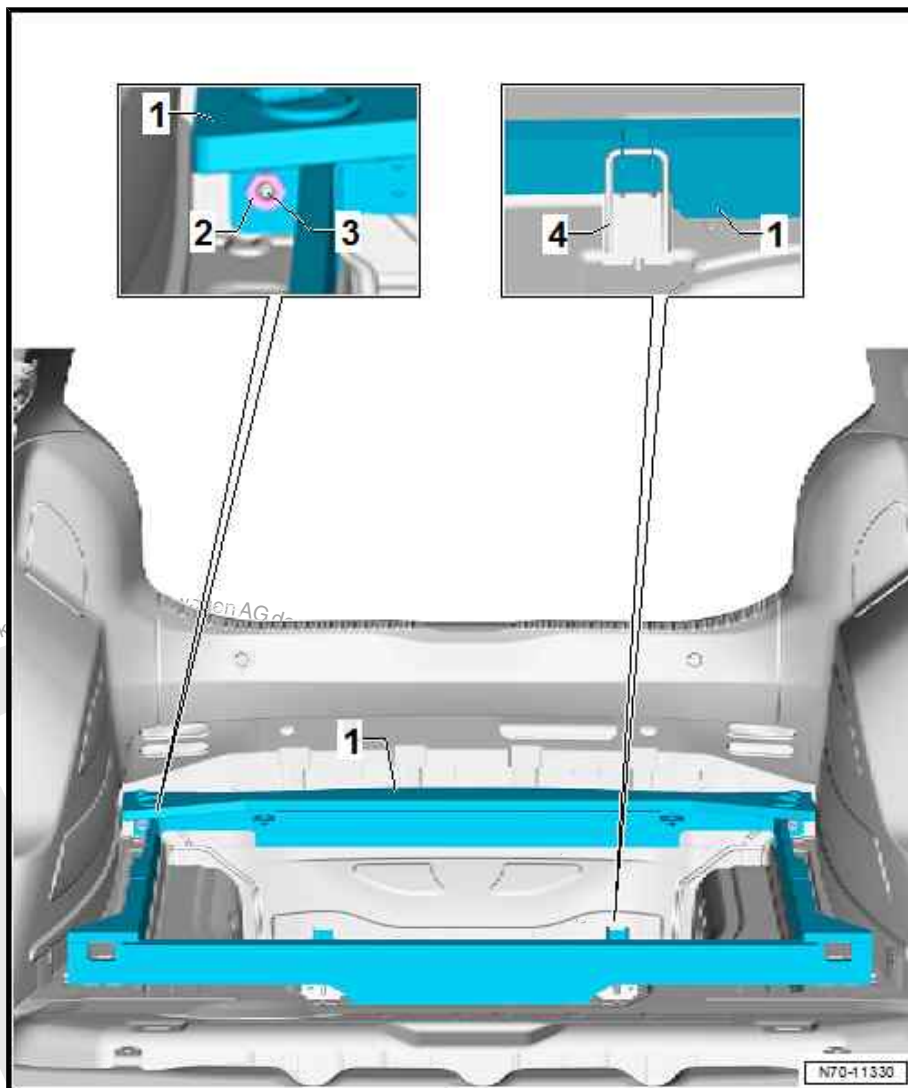
5.8 Removing and installing frame of luggage compartment floor

Special tools and workshop equipment required

- ◆ Torque wrench - V.A.G 1783-



Removing



- Remove luggage compartment floor ➔ [page 153](#) .
- Unscrew nuts -3- from stud -2-.
- Push frame for luggage compartment floor -1- slightly forwards.
- Detach bracket from centre Isofix mountings -4-.
- Remove frame for luggage compartment floor -1- towards rear.

Installing



Note

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

Installation is carried out in the reverse sequence of removal.

Specified torques

Component	Torque
Nut for securing frame for luggage compartment floor	20 Nm



6 Roof trims

⇒ [“6.1 Overview of fitting locations - roof trim”, page 159](#)

⇒ [“6.2 Assembly overview – moulded headliner”, page 160](#)

⇒ [“6.3 Removing and installing moulded headlining”, page 161](#)

⇒ [“6.4 Installing roof reinforcement to body”, page 166](#)

6.1 Overview of fitting locations - roof trim



Note

The illustration shows the roof trim for vehicles without panorama tilting sunroof. The roof trim for vehicles with panorama tilting sunroof is similar.

1 - Moulded headliner

- ☐ Without panorama tilting sunroof
- ☐ Assembly overview
⇒ [page 160](#)
- ☐ Removing and installing
⇒ [page 161](#)



Caution

The moulded headliner is easily kinked.

2 - Sun visor

- ☐ Removing and installing
⇒ [page 24](#)

3 - Remove front interior and reading light

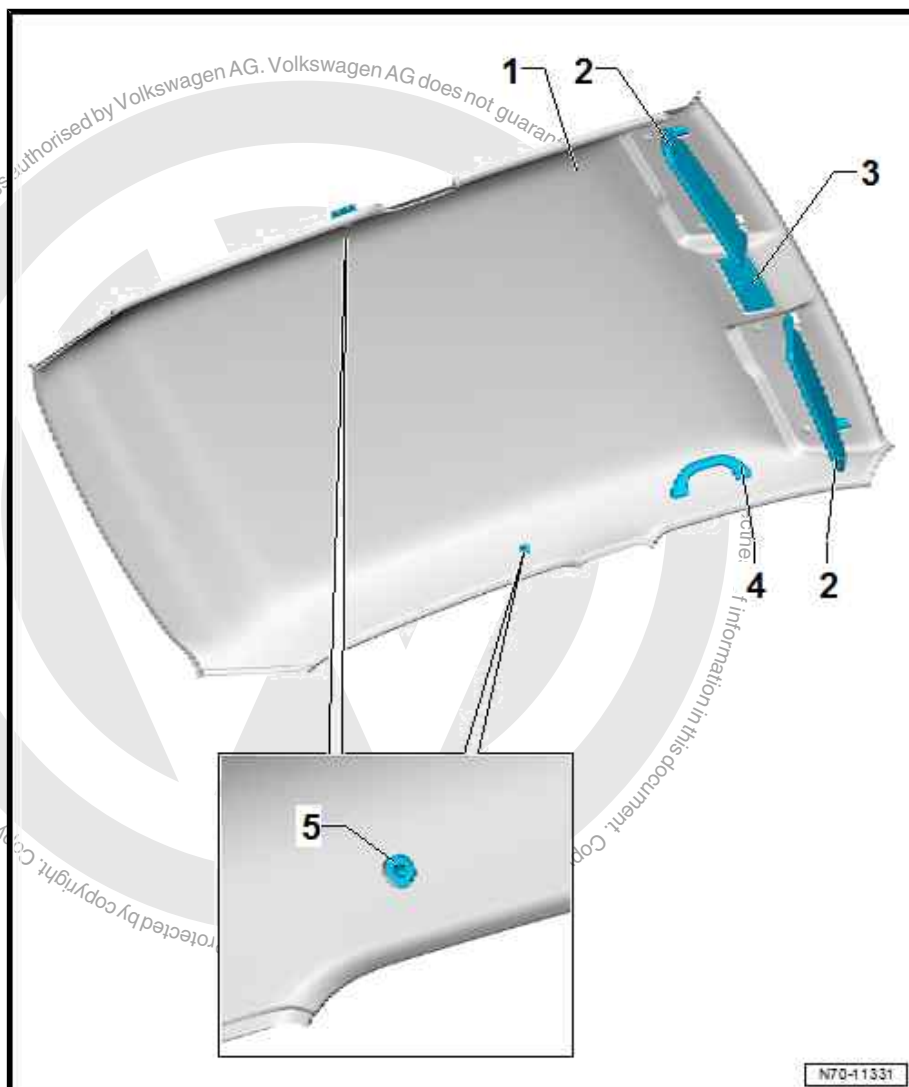
- ☐ Removing and installing
⇒ Rep. gr. 96; Lights and controls in roof trim; Removing and installing front interior and reading light

4 - Roof grab handle

- ☐ Removing and installing
⇒ [page 26](#)

5 - Hole for bracket of partition panel

- ☐ Only load up!





6.2 Assembly overview – moulded headliner



Note

The illustration shows the moulded headliner for vehicles with panorama tilting sunroof. The moulded headliner for vehicles without panorama tilting sunroof is similar.

1 - Roof grab handle

- ❑ Removing and installing
⇒ [page 26](#)

2 - Moulded headliner

- ❑ With or without panorama tilting sunroof (depending on vehicle equipment)
- ❑ Removing and installing
⇒ [page 161](#)



Caution

The moulded headliner is easily kinked.

3 - Windscreen surround

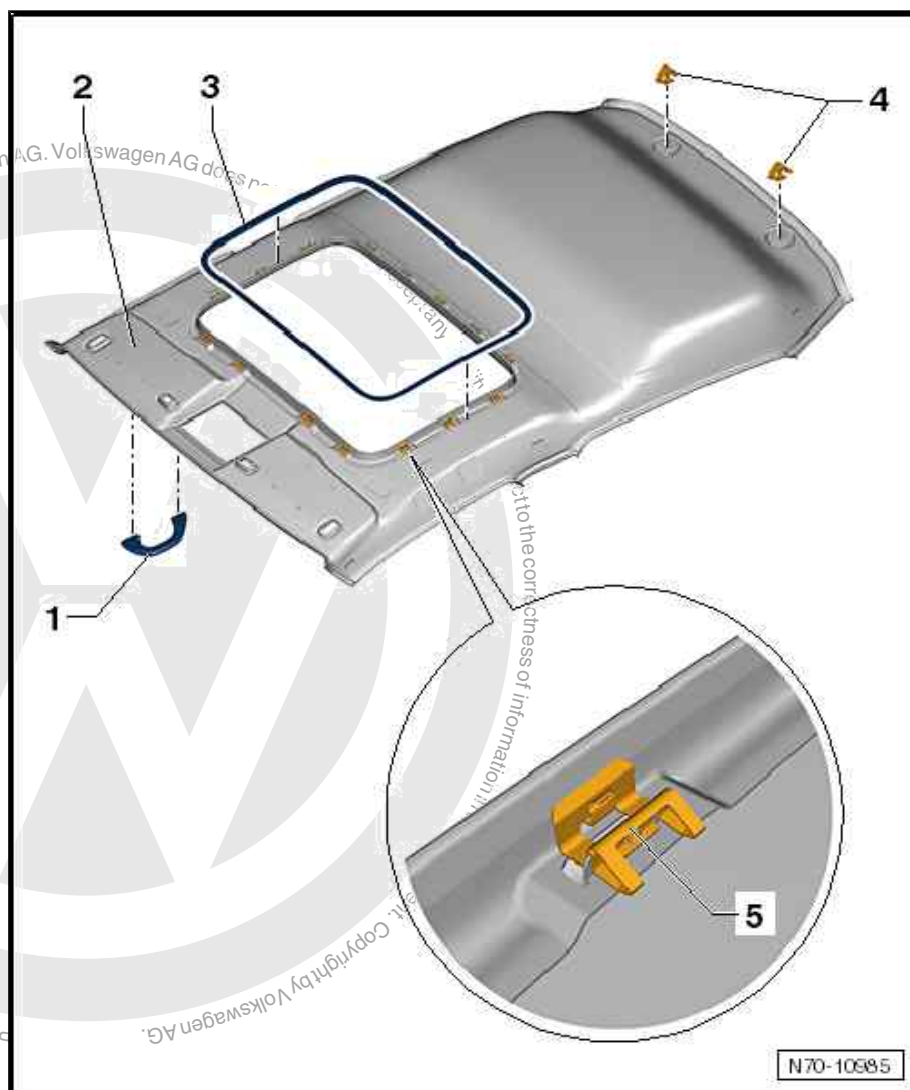
- ❑ Only for vehicles with panorama tilting sunroof
- ❑ Observe installation position: yellow marking on mounting frame must point in direction of travel

4 - Clip

- ❑ Qty. 2
- ❑ Insert in moulded headliner
- ❑ Remove any clips left in body mountings and insert them in moulded headliner when installing
- ❑ Renew any damaged or deformed clips.

5 - Clip

- ❑ Qty. 15
- ❑ Renew any damaged or deformed clips





6.3 Removing and installing moulded headlining

⇒ [“6.3.1 Removing and installing moulded headliner, vehicles without panorama tilting sunroof”, page 161](#)

⇒ [“6.3.2 Removing and installing moulded headliner, vehicles with panorama tilting sunroof”, page 163](#)

6.3.1 Removing and installing moulded headliner, vehicles without panorama tilting sunroof

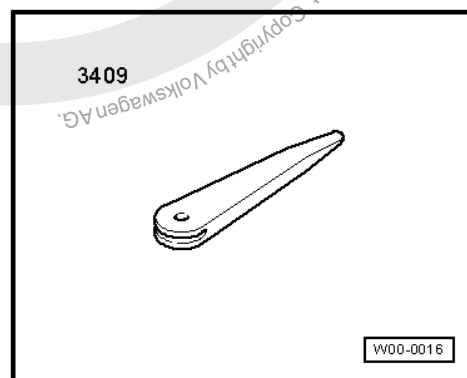


Note

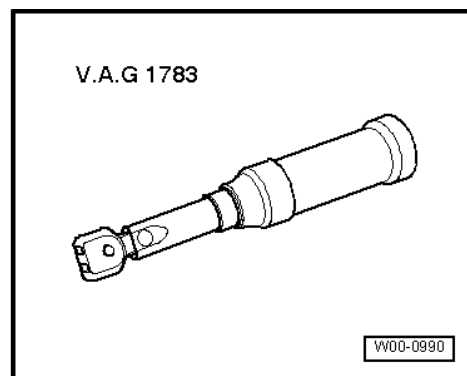
For the load up! the moulded headliner must be adapted to fit in the area of the partition panel bracket.

Special tools and workshop equipment required

- ◆ Removal wedge - 3409-



- ◆ Torque wrench - V.A.G 1783-



Removing

- Remove interior mirror ⇒ [page 40](#) .
- Remove front interior and reading light ⇒ Electrical system; Rep. gr. 96 ; Lights and controls in roof headliner; Removing and installing front interior and reading light .
- Remove left and right sun visors ⇒ [page 24](#) .
- Remove sun visor centre mounts on left and right ⇒ [page 26](#) .
- Remove roof grab handle ⇒ [page 26](#) .
- Remove upper left and right A-pillar trim ⇒ [page 126](#) .



2-door

- Remove right and left B-pillar trims ⇒ [page 129](#) .
- Remove left and right C-pillar trim ⇒ [page 132](#) .

4-door

- Release right and left B-pillar trims ⇒ [page 129](#) .



Note

The seat belt must not be threaded through the hole in B-pillar trim.

- Remove left and right upper C-pillar trims ⇒ [page 132](#) .
- Remove rear seat backrest ⇒ [page 197](#) .
- Remove rear lid seal ⇒ General body repairs, exterior; Rep. gr. 55 ; Rear lid; Removing and installing seal .

load up!

- Remove luggage compartment floor ⇒ [page 152](#) .
- Remove partition panel ⇒ [page 140](#) .

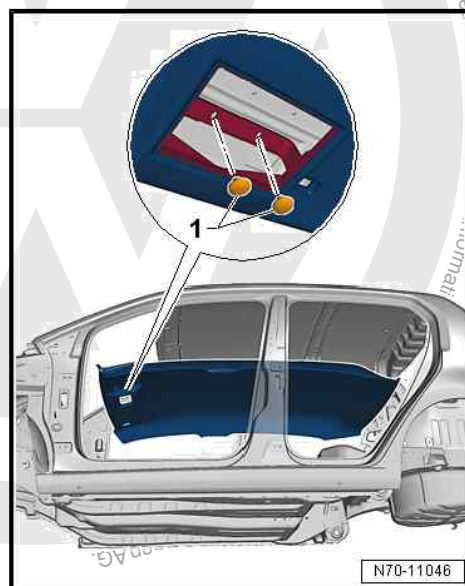
Continued for all vehicles

- Unscrew bolts -1- (2 Nm).



Caution

The moulded headliner is easily kinked.





- Release moulded headliner -1- from rear roof cross member in area of clips -2- using removing wedge - 3409- .
- Fold backrest of front seats towards rear.
- Release moulded headliner -1- from door seal beading.
- Release moulded headliner -1- from rear lid seal beading.



Note

The help of a second mechanic is required to remove the moulded headliner.

- With help of a second mechanic, lower moulded headliner -1-.

2-door

- With the aid of a second mechanic, carefully remove moulded headliner -1- from vehicle through opening of front passenger door.

4-door

- With the aid of a second mechanic, carefully remove moulded headliner -1- from vehicle through opening of rear lid.

Installing



Note

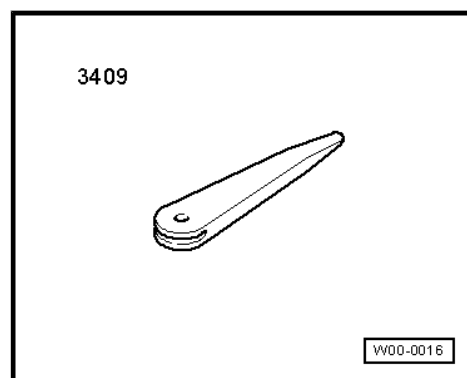
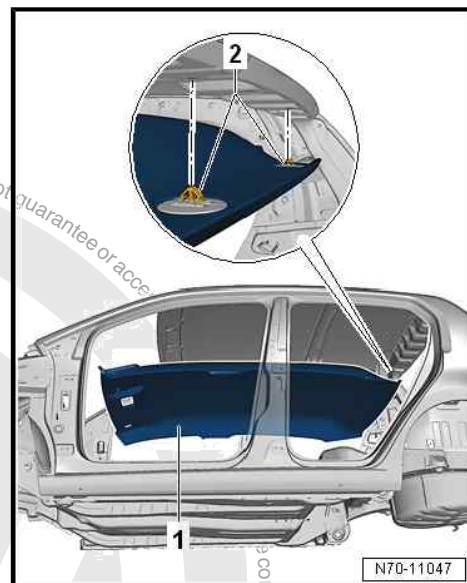
Before installing, check all fasteners for damage and renew if necessary.

- Installation is carried out in the reverse sequence of removal.

6.3.2 Removing and installing moulded headliner, vehicles with panorama tilting sun-roof

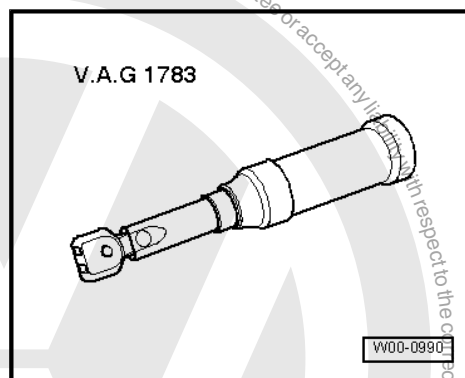
Special tools and workshop equipment required

- ◆ Removal wedge - 3409-





- ◆ Torque wrench - V.A.G 1783-



Removing

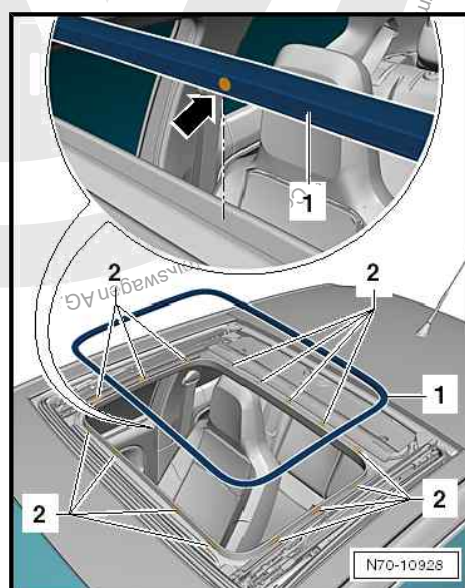
- Open panorama tilting sunroof.
- Carefully lever mounting frame 1- on panorama tilting sunroof out of clips -2- using removal wedge - 3409- .
- Remove interior mirror ➔ [page 40](#)
- Remove front interior and reading light ➔ Electrical system; Rep. gr. 96 ; Lights and controls in roof headliner; Removing and installing front interior and reading light .
- Remove left and right sun visors ➔ [page 24](#) .
- Remove sun visor centre mounts on left and right ➔ [page 26](#) .
- Remove roof grab handle ➔ [page 26](#) .
- Remove upper left and right A-pillar trim ➔ [page 126](#) .

2-door

- Remove right and left B-pillar trims ➔ [page 129](#) .
- Remove left and right C-pillar trim ➔ [page 132](#) .

4-door

- Release right and left B-pillar trims ➔ [page 129](#) .



Note

The seat belt must not be threaded through the hole in B-pillar trim.

- Remove left and right upper C-pillar trims ➔ [page 132](#) .
- Remove rear seat backrest ➔ [page 197](#) .
- Remove rear lid seal ➔ General body repairs, exterior; Rep. gr. 55 ; Rear lid; Removing and installing seal .

Continued for all vehicles

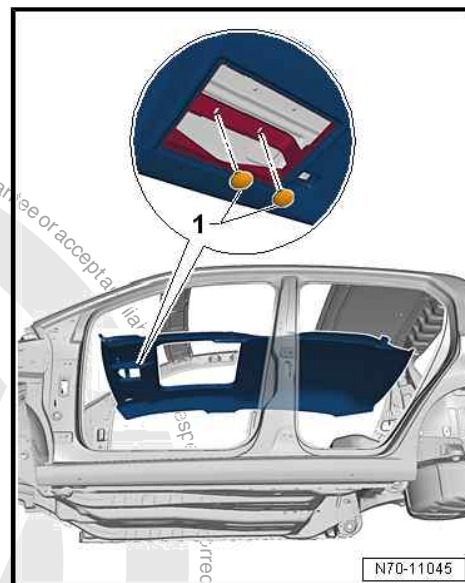


- Unscrew bolts -1- (2 Nm).



Caution

The moulded headliner is easily kinked.



- Release moulded headliner -1- from rear roof cross member in area of clips -2- using removing wedge - 3409- .
- Fold backrest of front seats towards rear.
- Release moulded headliner -1- from door seal beading.
- Release moulded headliner -1- from rear lid seal beading.



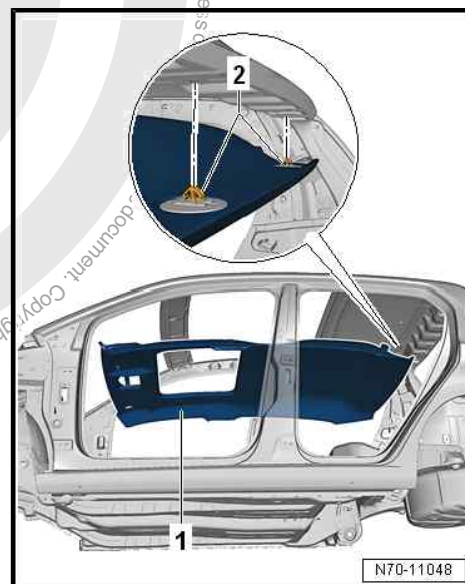
Note

The help of a second mechanic is required to remove the moulded headliner.

- With help of a second mechanic, lower moulded headliner -1-.

2-door

- With the aid of a second mechanic, carefully remove moulded headliner -1- from vehicle through opening of front passenger door.



4-door

- With the aid of a second mechanic, carefully remove moulded headliner -1- from vehicle through opening of rear lid.

Installing



Note

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

Install in the reverse order of removal observing the following:

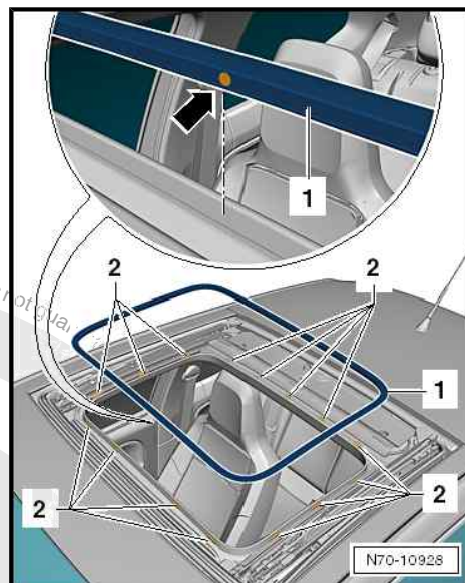


Note

The yellow marking -arrow- on mounting frame -1- must point in direction of travel.

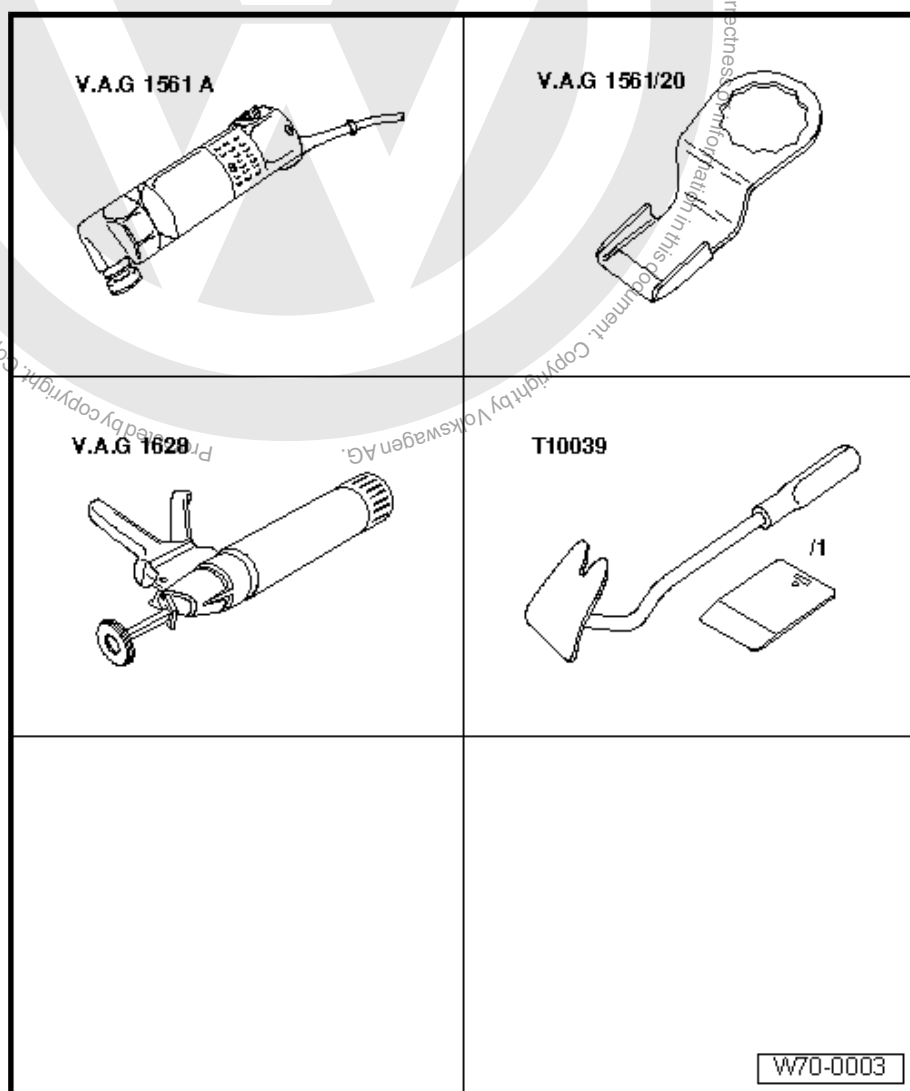


- Secure mounting frame -1- of panorama tilting sunroof on clips -2- of moulded headliner.



6.4 Installing roof reinforcement to body

Special tools and workshop equipment required



♦ Electric cutter - V.A.G 1561 A-



- ◆ Blade, offset - V.A.G 1561/20-
- ◆ Hand-cartridge gun - V.A.G 1628-
- ◆ Release lever - T10039 -

Removing

- Remove moulded headliner ➔ [page 161](#) .
- Cut roof reinforcements -1- and -2- into approx. 6 cm wide strips -3- -dot-dash lines-, using a carpet knife.
- Pull strips -3- off roof.
- Using electric cutter - V.A.G 1561 A- and blade - V.A.G 1561/20- , trim back adhesive residues.



Note

If the paint structure has been damaged on removal of roof reinforcements, repair paint damage according to guidelines of ➔ Paint workshop manual .

Installing



Note

Observe adhesive processing instructions when installing the roof reinforcement.

- Measure roof reinforcements -1- and -2- to width and mark centre of both sides.
- Guide roof reinforcement -1- into vehicle.
- Position roof reinforcement -1- according to -dimension a- and -dimension b- on roof and press it on across entire surface.

Dimension a = 370 mm from front edge of panel

Dimension b = centre of roof and centre of roof reinforcements

- Guide roof reinforcement -2- into vehicle.
- Position roof reinforcement -2- on roof according to -dimension a- and -dimension b-, and press it on across entire surface.

Vehicles with no panorama tilting sunroof

Dimension b = centre of roof and centre of roof reinforcements

Dimension c = 120 mm from rear sheet metal edge

Vehicles with panorama tilting sunroof

Dimension b = centre of roof and centre of roof reinforcements

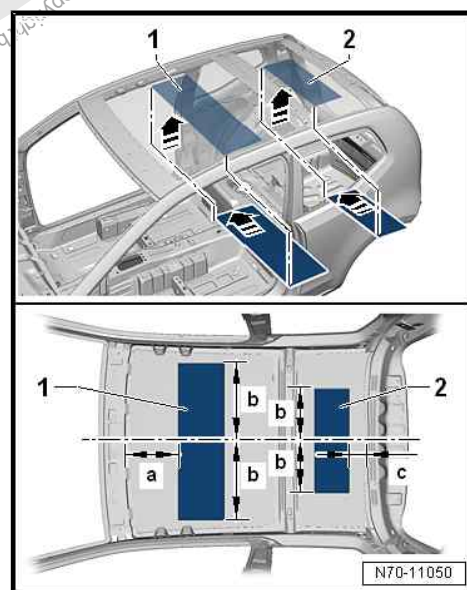
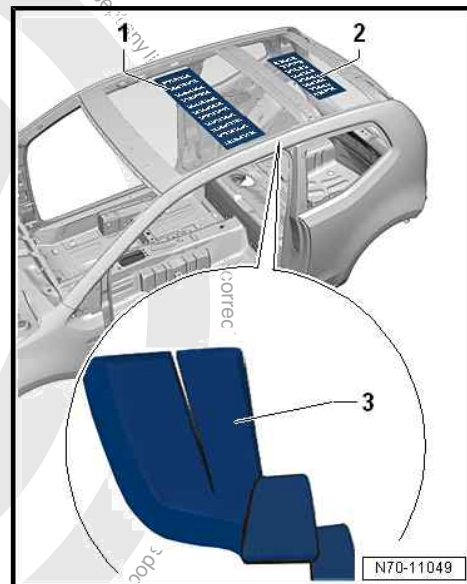
Dimension c = 98 mm from rear sheet metal edge

Continued for all vehicles



Note

The screw attachment for the roof aerial can be used as the roof centre reference point.





72 – Seat frames

1 Overview of seat variants

⇒ **“1.1 Overview of fitting locations - seat variants”, page 168**

1.1 Overview of fitting locations - seat variants

1 - Driver seat

- ☐ Mechanically adjustable
- ☐ With or without height adjustment (depending on vehicle equipment)
- ☐ With Easy Entry, 2-door models only
- ☐ Assembly overview - front seat ⇒ [page 169](#)

2 - Front passenger seat

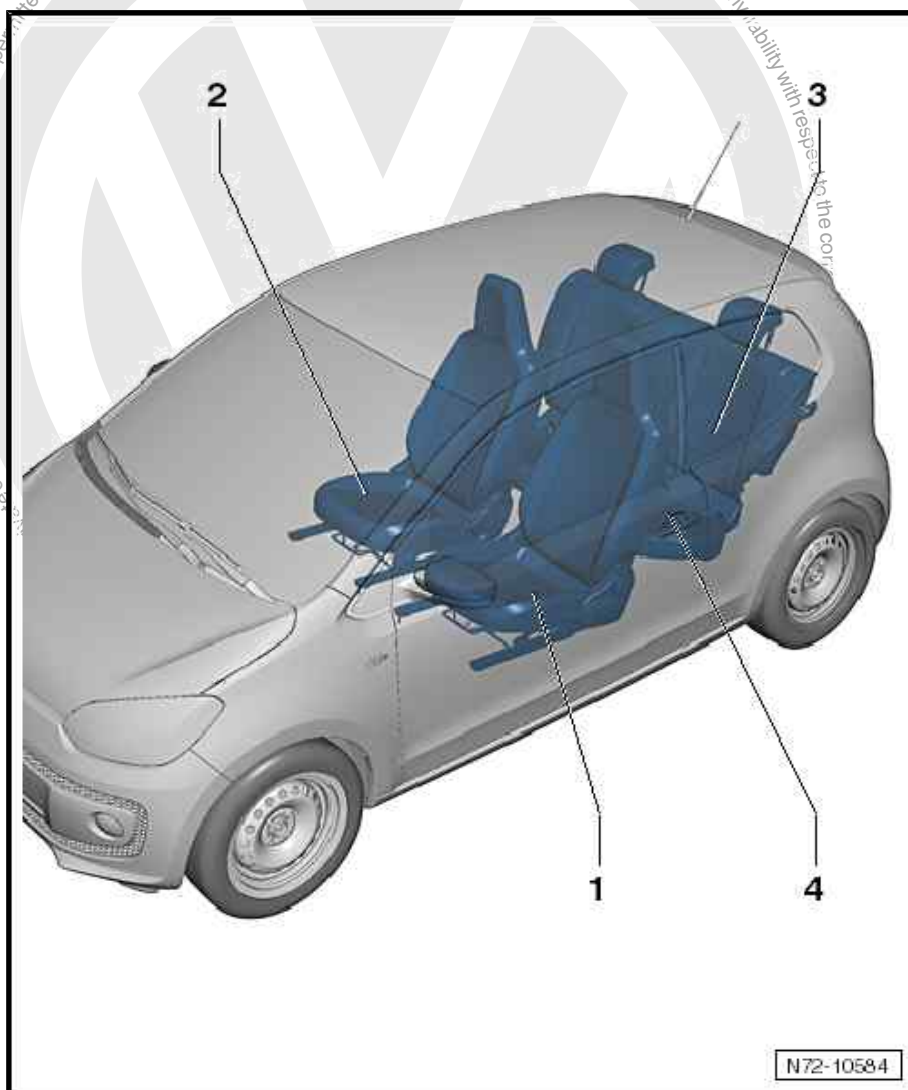
- ☐ Mechanically adjustable
- ☐ With Easy Entry, 2-door models only
- ☐ Assembly overview - front seat ⇒ [page 169](#)
- ☐ Assembly overview - front backrest ⇒ [page 170](#)

3 - Rear seat backrest

- ☐ One-piece design or split design (depending on vehicle equipment)
- ☐ Assembly overview - rear seat backrest ⇒ [page 193](#)

4 - Bench seat / individual seats

- ☐ Assembly overview - bench seat / individual seats ⇒ [page 192](#)





2 Front seats

- ⇒ [“2.1 Assembly overview - front seat”, page 169](#)
- ⇒ [“2.2 Assembly overview - front backrest”, page 170](#)
- ⇒ [“2.3 Assembly overview - seat pan”, page 171](#)
- ⇒ [“2.4 Removing and installing front seat”, page 173](#)
- ⇒ [“2.5 Connecting and disconnecting airbag adapter”, page 176](#)
- ⇒ [“2.6 Removing and installing Easy Entry lever”, page 178](#)
- ⇒ [“2.7 Removing and installing seat height adjustment operating lever”, page 180](#)
- ⇒ [“2.8 Removing and installing backrest adjustment lever”, page 180](#)
- ⇒ [“2.9 Removing and installing front seat trim”, page 181](#)
- ⇒ [“2.10 Removing and installing seat height adjustment unit”, page 187](#)
- ⇒ [“2.11 Removing and installing front backrest”, page 189](#)

2.1 Assembly overview - front seat



Note

The illustration shows the driver seat. The front passenger seat is similar (mirror image of driver seat).



1 - Seat rail cover

- ☐ Sill side

2 - Bolt

- ☐ Qty. 4
- ☐ 40 Nm

3 - Bar

- ☐ For longitudinal seat adjustment

4 - Front seat trim

- ☐ Tunnel side
- ☐ Removing and installing
⇒ [page 181](#)

5 - Backrest adjustment lever

- ☐ Tunnel side
- ☐ Removing and installing
⇒ [page 180](#)

6 - Front backrest

- ☐ With adjustable tilt angle
- ☐ Removing and installing
⇒ [page 189](#)

7 - Head restraint

- ☐ Firmly integrated in seat

8 - Easy Entry lever

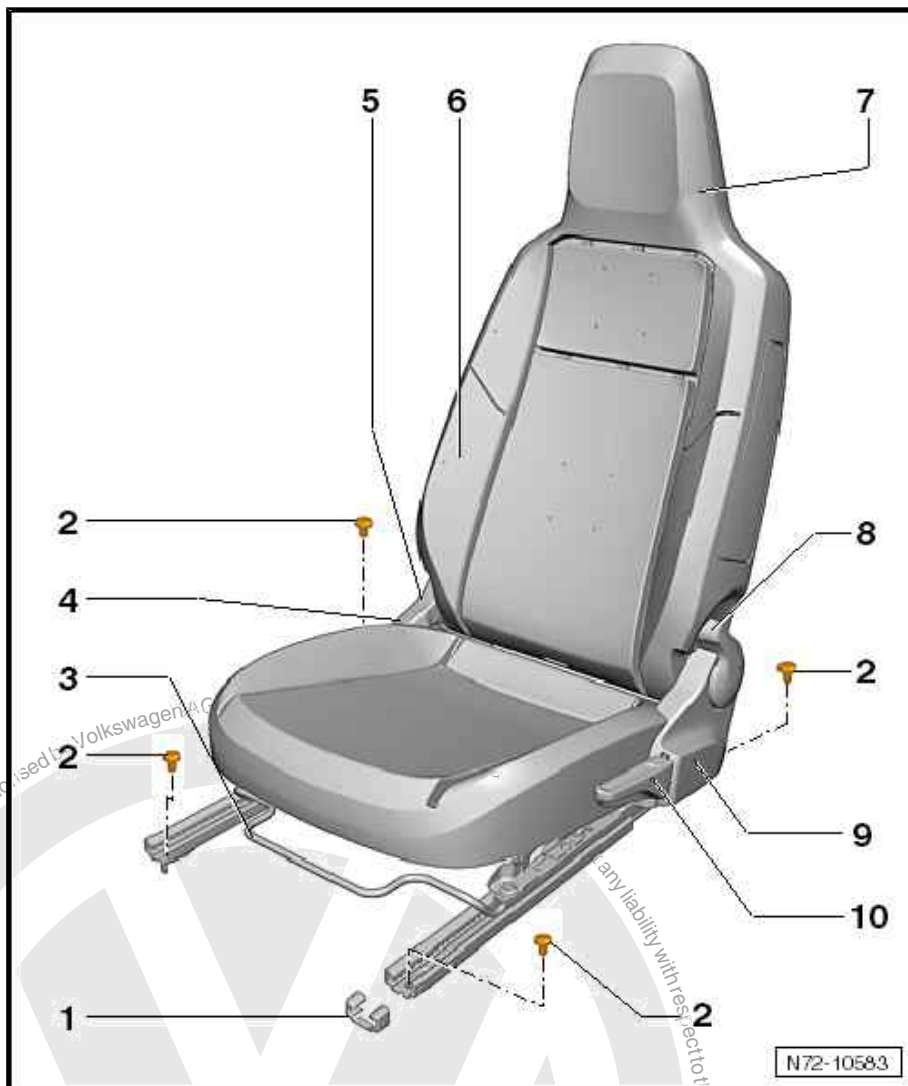
- ☐ Depending on equipment
- ☐ A cover is fitted in vehicles without Easy Entry
- ☐ Removing and installing
⇒ [page 178](#)

9 - Front seat trim

- ☐ Sill side
- ☐ Removing and installing ⇒ [page 181](#)

10 - Seat heat adjustment lever

- ☐ Sill side
- ☐ Depending on equipment
- ☐ Removing and installing ⇒ [page 180](#)



2.2 Assembly overview - front backrest



Note

The illustration shows the driver seat backrest. The front passenger seat backrest is similar (mirror image of driver seat backrest).



1 - Seat cover

- ☐ Removing and installing
⇒ [page 208](#)

2 - Padding

- ☐ With or without backrest heating element (depending on vehicle equipment)
- ☐ Removing and installing
⇒ [page 208](#)

3 - Backrest frame

- ☐ With integrated head restraint
- ☐ Removing and installing
⇒ [page 208](#)

4 - Front seat trim

- ☐ Sill side
- ☐ Removing and installing
⇒ [page 181](#)

5 - Easy Entry lever

- ☐ Depending on equipment
- ☐ A cover is fitted in vehicles without Easy Entry
- ☐ Removing and installing
⇒ [page 178](#)

6 - Cover

7 - Bolt

- ☐ Qty. 4
- ☐ Self-locking
- ☐ Bolts are microencapsulated and must be renewed each time they are removed
- ☐ Clean threaded holes for bolts with, for example, a thread chaser
- ☐ 33 ± 3 Nm

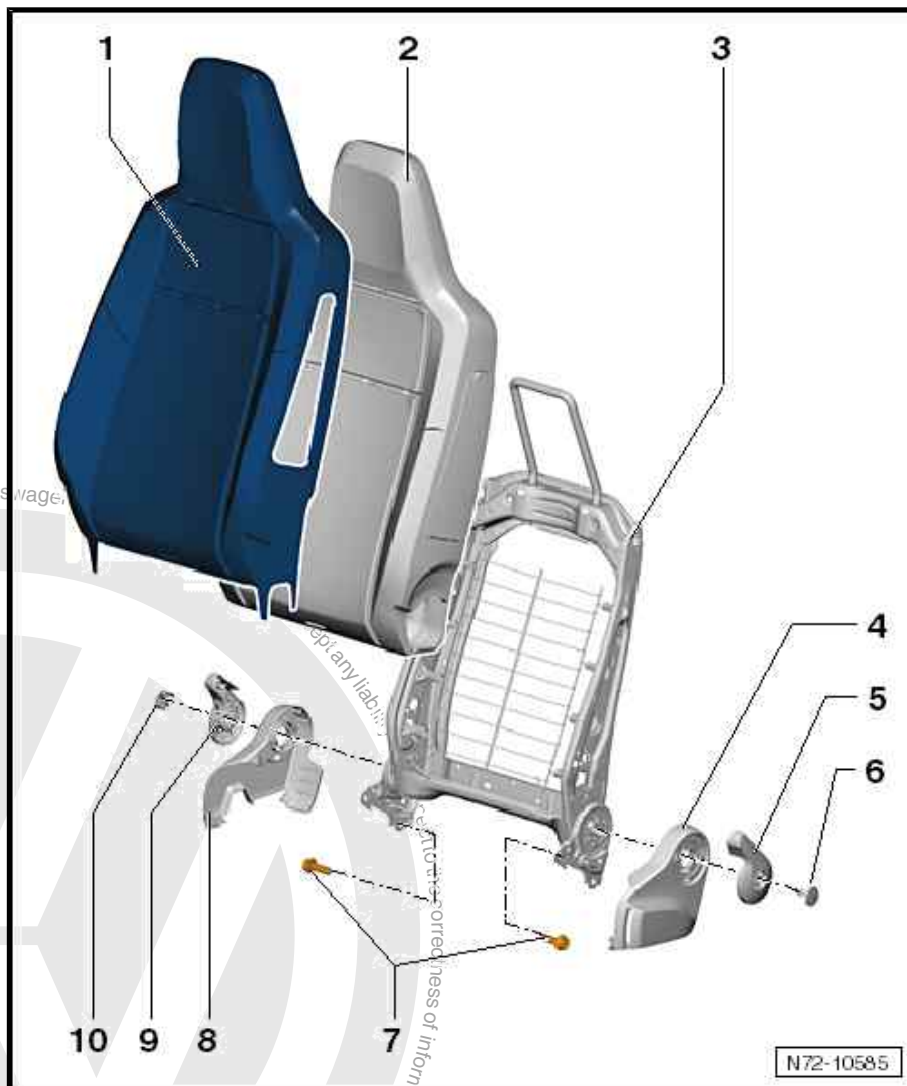
8 - Front seat trim

- ☐ Tunnel side
- ☐ Removing and installing ⇒ [page 181](#)

9 - Backrest adjustment lever

- ☐ Removing and installing ⇒ [page 180](#)

10 - Cover



2.3 Assembly overview - seat pan



Note

The illustration shows the driver seat pan. The front passenger seat pan is similar (mirror image of driver seat pan).



1 - Seat cover

- ❑ Removing and installing
⇒ [page 204](#)

2 - Padding

- ❑ With or without heating element
- ❑ Removing and installing
⇒ [page 204](#)

3 - Seat occupied sensor, front passenger side - G128-

- ❑ Removing and installing
⇒ [page 80](#)

4 - Seat pan

5 - Seat height adjuster

- ❑ Depending on equipment
- ❑ Removing and installing
⇒ [page 187](#)

6 - Front seat trim

- ❑ Sill side
- ❑ Removing and installing
⇒ [page 181](#)

7 - Easy Entry lever

- ❑ Depending on equipment
- ❑ A cover is fitted in vehicles without Easy Entry
- ❑ Removing and installing
⇒ [page 178](#)

8 - Seat heat adjustment lever

- ❑ Sill side
- ❑ Depending on equipment
- ❑ Removing and installing ⇒ [page 180](#)

9 - Bar

- ❑ For longitudinal seat adjustment

10 - Seat rails

11 - Front seat trim

- ❑ Tunnel side
- ❑ Removing and installing ⇒ [page 181](#)

12 - Front belt buckle

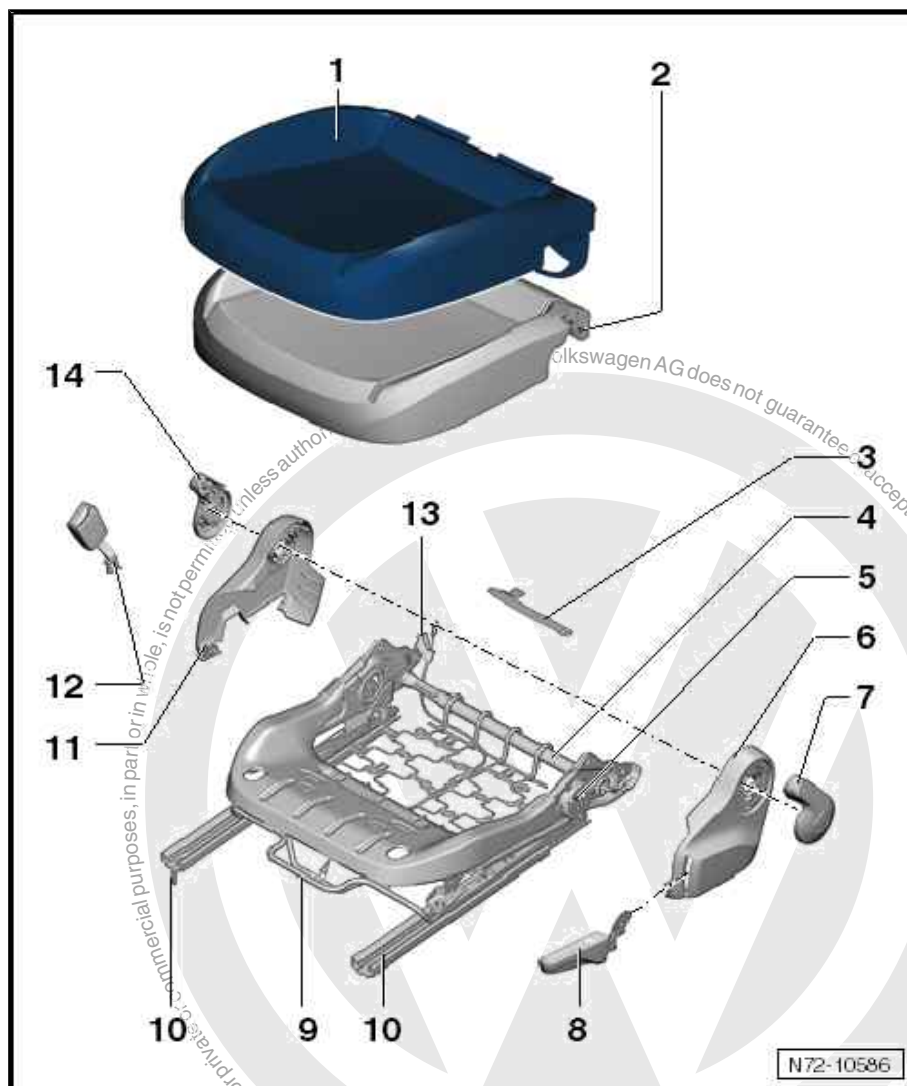
- ❑ Removing and installing ⇒ [page 53](#)

13 - Easy Entry

- ❑ Depending on equipment

14 - Backrest adjustment lever

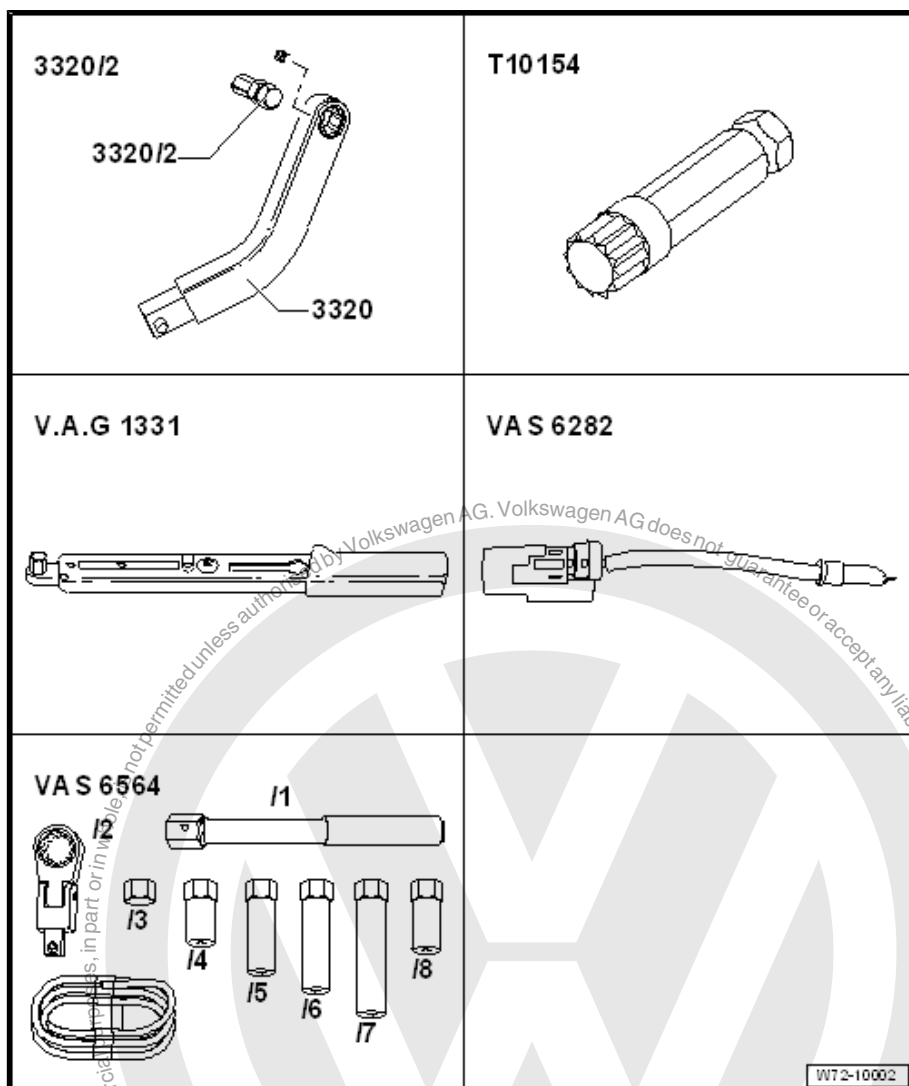
- ❑ Removing and installing ⇒ [page 180](#)





2.4 Removing and installing front seat

Special tools and workshop equipment required



- ◆ Key (for door alignment) - 3320-
- ◆ Bit XZN 10 - T10154-
- ◆ Torque wrench - V.A.G 1331-
- ◆ Airbag adapter - VAS 6282-
- ◆ Tool set for brake bleeding - VAS 6564-



Note

Removal and installation are described for the driver seat. Removal and installation of the front passenger seat is similar (mirror image of driver seat).



Removing



WARNING

*Refer to safety precautions when working on airbag
⇒ [page 1](#) .*

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



Caution

On vehicles with high-voltage battery, a voltage test of the 12 V electrical system must be performed after the 12 V battery is disconnected. If voltage is detected, the high-voltage system must be de-energised.

- Move front seat to foremost position using longitudinal adjustment mechanism.

Vehicles with adjustable seat height

- Move front seat to uppermost position using height adjustment mechanism.
- Unscrew bolts -3- and -4-.

Vehicles without height adjustment

- Unscrew bolt -3-.
- Unscrew bolt -4- using door alignment tool - 3320- and tool set for brake bleeding - VAS 6564/1- .

Continued for all vehicles

- Move front seat to rearmost position using longitudinal adjustment mechanism.



WARNING

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

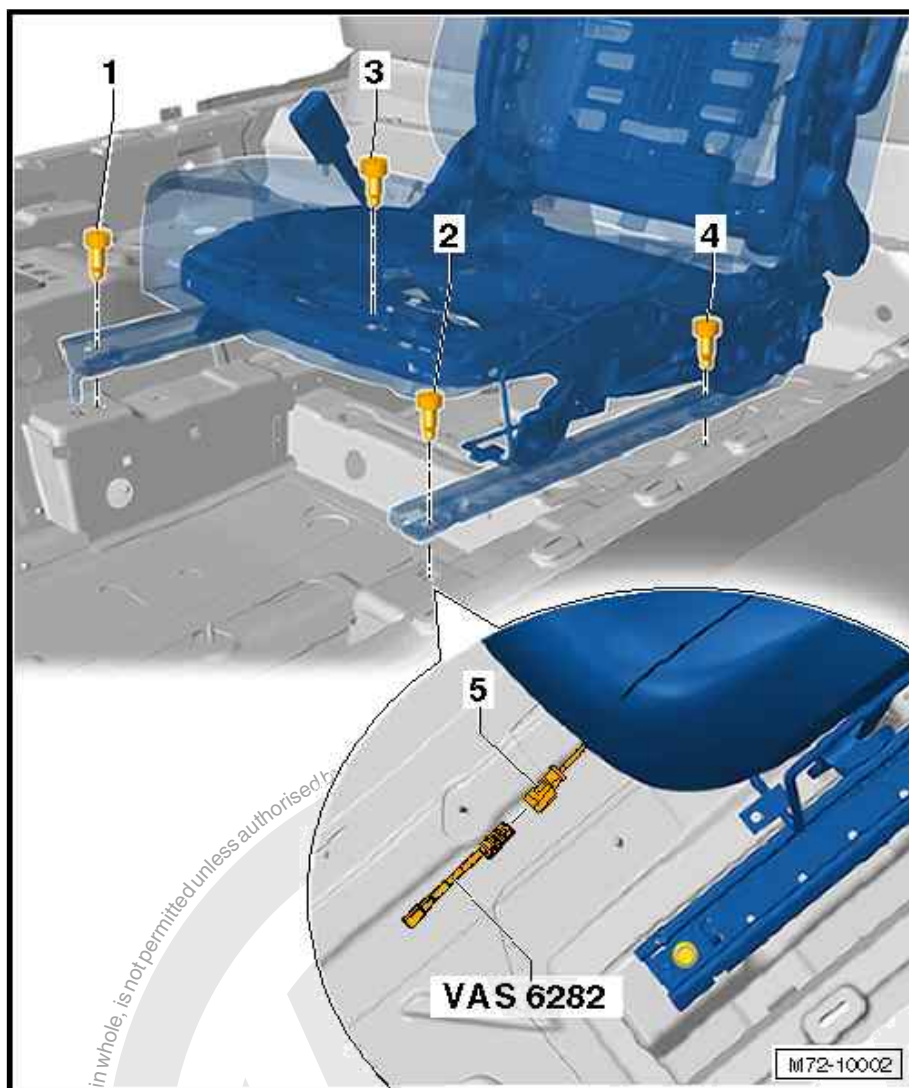
- Disconnect connectors from front seat, depending on vehicle equipment.
- Connect airbag adapter - VAS 6282- ⇒ [page 176](#) .
- Unscrew bolts -1- and -2-.



Caution

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

- Insert right hand between front backrest and seat pan. Grasp front end of seat pan with your left hand and lift front seat out of vehicle.



Installing

- Lift front seat into vehicle through front door opening.
- Ensure that centring pins on tunnel side engage in respective openings in floor.



WARNING

If, when installing a seat a thread in seat cross member mounting plate is damaged, 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:

- Renew seat cross member mounting plate concerned ⇒ Body Repairs; Rep. gr. 51 .
- Tighten bolt -1-.
- Tighten bolt -2-.
- Disconnect airbag adapter - VAS 6282- ⇒ [page 176](#) .
- Engage side airbag wiring harness -5- in coupling station.



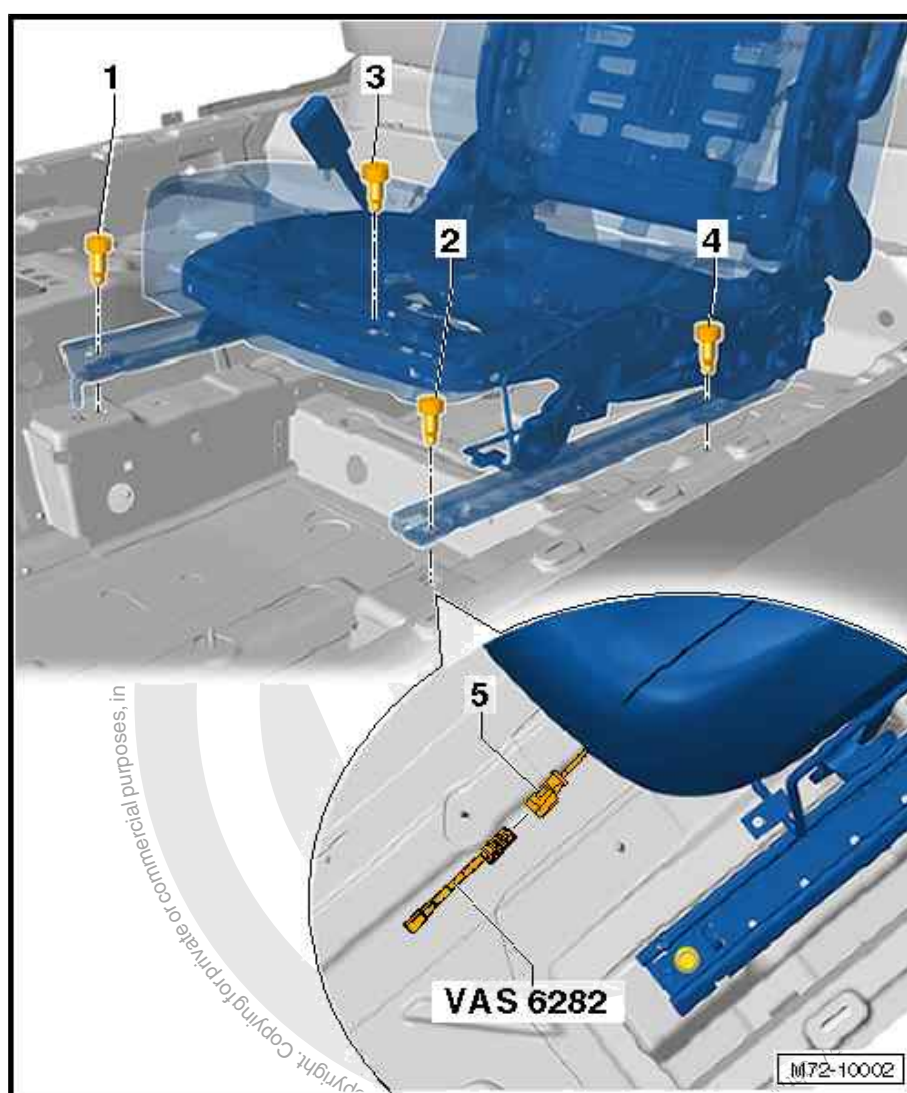
- Engage all remaining connectors for front seat, depending on vehicle equipment.



WARNING

Ensure that nobody is in vehicle.

- Move seat to foremost position using fore and aft adjustment mechanism.
- Tighten bolt -3-.
- Tighten bolt -4-.
- Connect vehicle battery ⇒ Electrical system; Rep. gr. 27 ; Battery; Disconnecting and connecting battery .



2.5 Connecting and disconnecting airbag adapter

Special tools and workshop equipment required



◆ Airbag adapter - VAS 6282-

VAS 6282



W00-11539



Note

Connecting and disconnecting are described for the driver seat. Connecting and disconnecting for the front passenger seat is similar (mirror image of driver seat).

Connecting



WARNING

Observe the general safety regulations when working on airbag, belt tensioner and battery isolator units (pyrotechnic components) ⇒ [page 1](#).

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



Caution

On vehicles with high-voltage battery, a voltage test of the 12 V electrical system must be performed after the 12 V battery is disconnected. If voltage is detected, the high-voltage system must be de-energised.

- Move front seat to rearmost and highest position using longitudinal adjustment mechanism.



WARNING

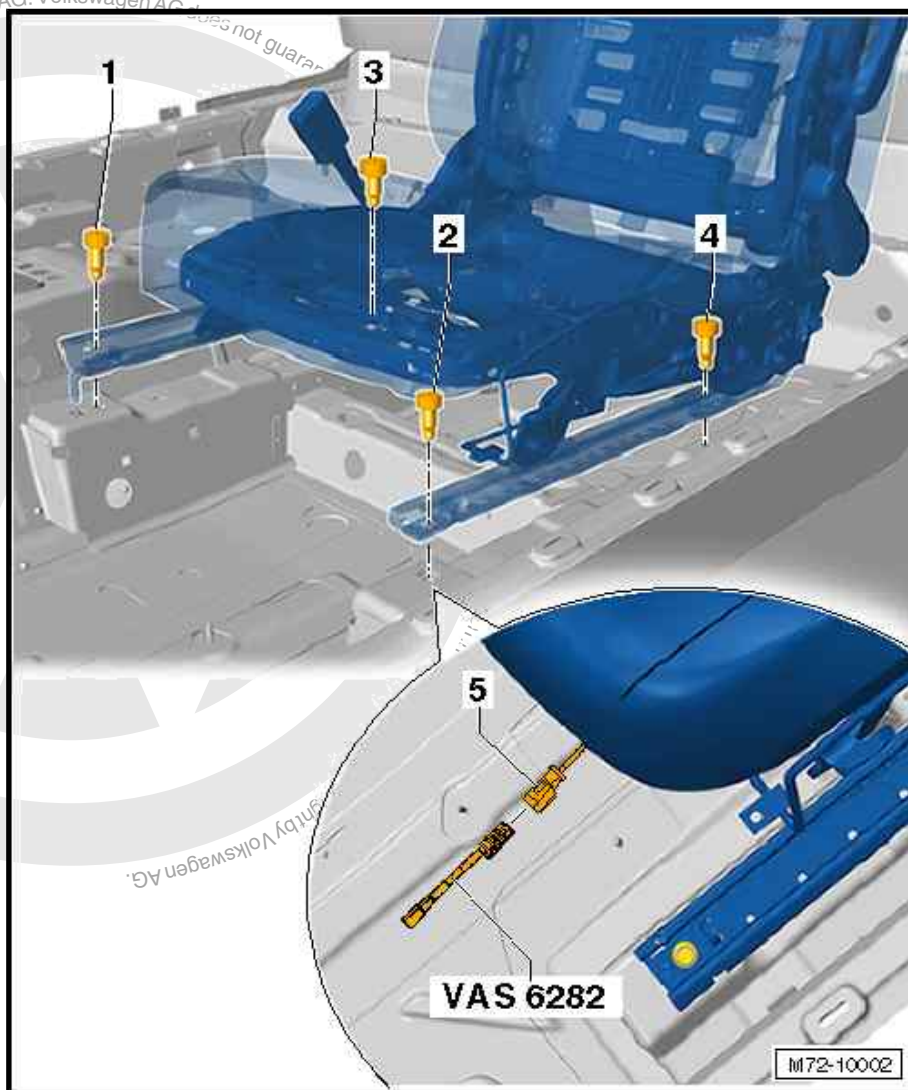
Electrostatic discharges may result in unintentional triggering of airbag. Therefore, the mechanic must electrostatically discharge him/herself before disconnecting the igniter and earth wires. This can be done by briefly touching the body or striker plate of the door.

- Disconnect side airbag connector beneath front seat.
- Connect airbag adapter - VAS 6282- to wiring harness of side airbag -5-.



Caution

The airbag adapter - VAS 6282- must remain connected to the seat until the seat is installed again.



Smoothing

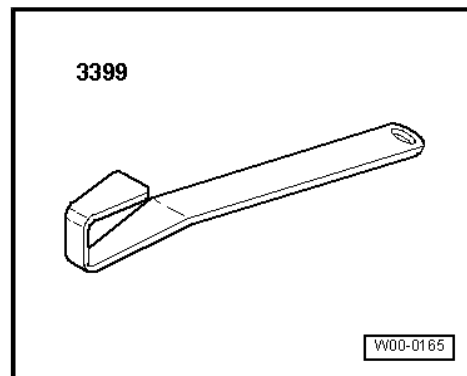
- Disconnect analogously in reverse order.

2.6 Removing and installing Easy Entry lever

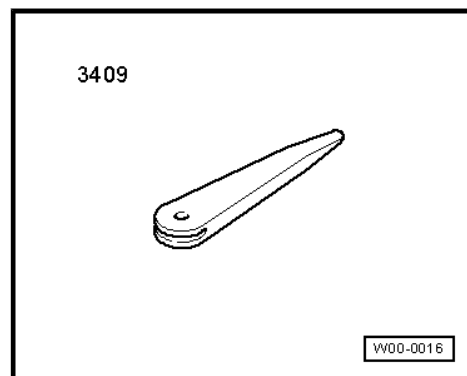
Special tools and workshop equipment required



◆ Assembly tool - 3399-



◆ Removal wedge - 3409-



Note

Removal and installation are described for the left front seat. Removal and installation for the right front seat are similar (mirror image of left front seat).

Removing

- Remove cap -1- using removing wedge - 3409- .



Note

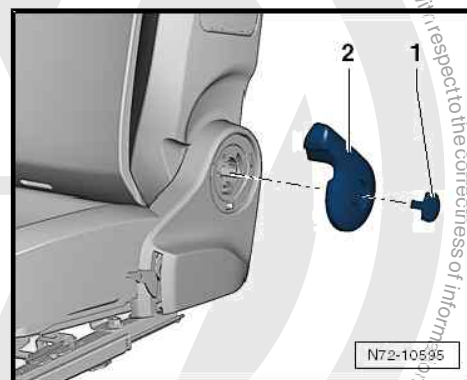
Alternatively, it is possible to remove the caps carefully with a screwdriver.

- Carefully pull Easy Entry lever -2- off shaft.



Note

The Easy Entry lever can also be pulled off with assembly tool - 3399- .



Installing



Note

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

- Installation is carried out in the reverse sequence of removal.



2.7 Removing and installing seat height adjustment operating lever

Removing

- Pull seat height adjustment operating lever -3- upwards and release tab of handle -1- using a small screwdriver.
- Carefully pull seat height adjustment operating lever -3- off seat height adjustment mechanism -2-.

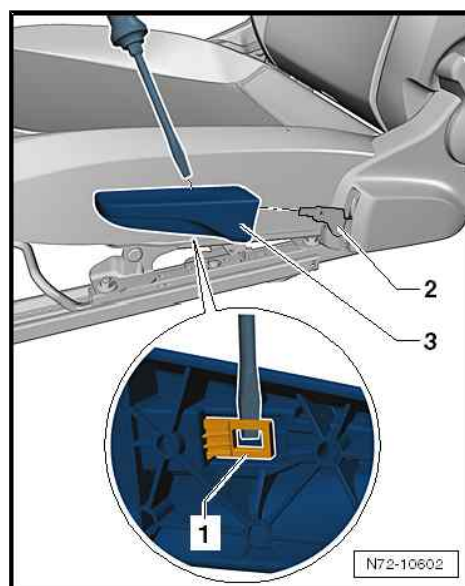
Installing



Note

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

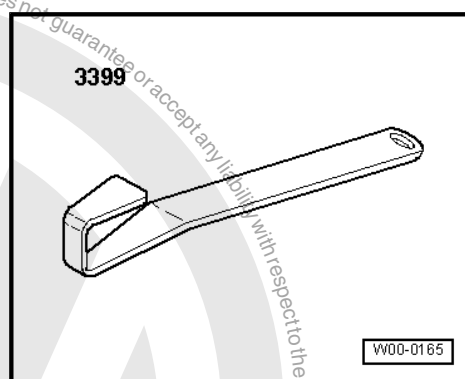
- Installation is carried out in the reverse sequence of removal.



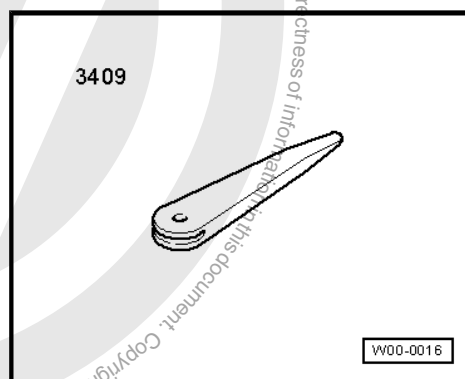
2.8 Removing and installing backrest adjustment lever

Special tools and workshop equipment required

- ◆ Assembly tool - 3399-



- ◆ Removal wedge - 3409-





i Note

Removal and installation are described for the left front seat. Removal and installation for the right front seat are similar (mirror image of left front seat).

Removing

- Remove cap -1- using removing wedge - 3409- .

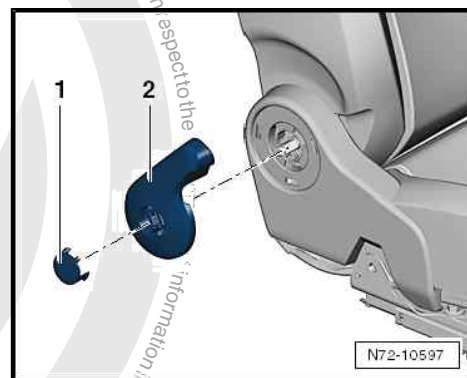
i Note

Alternatively, it is possible to remove the caps carefully with a screwdriver.

- Carefully pull backrest adjustment lever -2- off shaft.

i Note

The backrest adjustment lever can also be pulled off with assembly tool - 3399-



Installing

i Note

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

- Installation is carried out in the reverse sequence of removal.

2.9 Removing and installing front seat trim

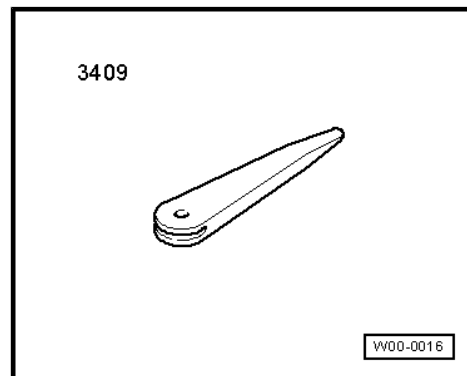
⇒ [“2.9.1 Removing and installing front seat trim, front seat without height adjustment mechanism”, page 181](#)

⇒ [“2.9.2 Removing and installing front seat trim, front seat with height adjustment mechanism”, page 184](#)

2.9.1 Removing and installing front seat trim, front seat without height adjustment mechanism

Special tools and workshop equipment required

- ◆ Removal wedge - 3409-





Removing on sill side

- Move front seat to foremost position using longitudinal adjustment mechanism.

Front seat without Easy Entry

- Release cover -2- from front seat trim -1- using removing wedge - 3409- .

Front seat with Easy Entry

- Remove Easy Entry lever ⇒ [page 178](#) .



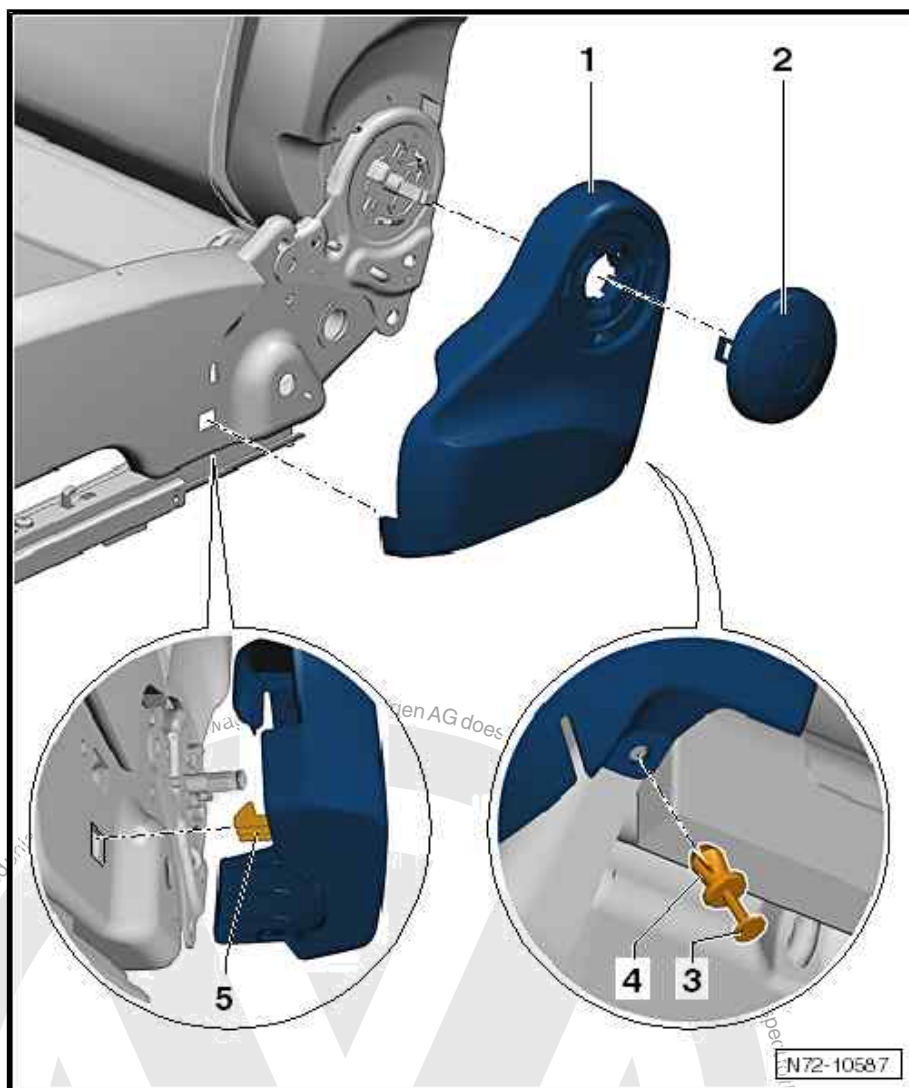
Note

- ♦ *The Easy Entry lever is not shown in the figure.*
- ♦ *The Easy Entry lever replaces cover -2-.*

Continued for all front seats

- Remove spreader pin -3- and remove spreader clip -4- from front seat trim -1-.
- Release locking lug -5- from seat frame using removing wedge - 3409- .
- Remove front seat trim -1-.





Installing



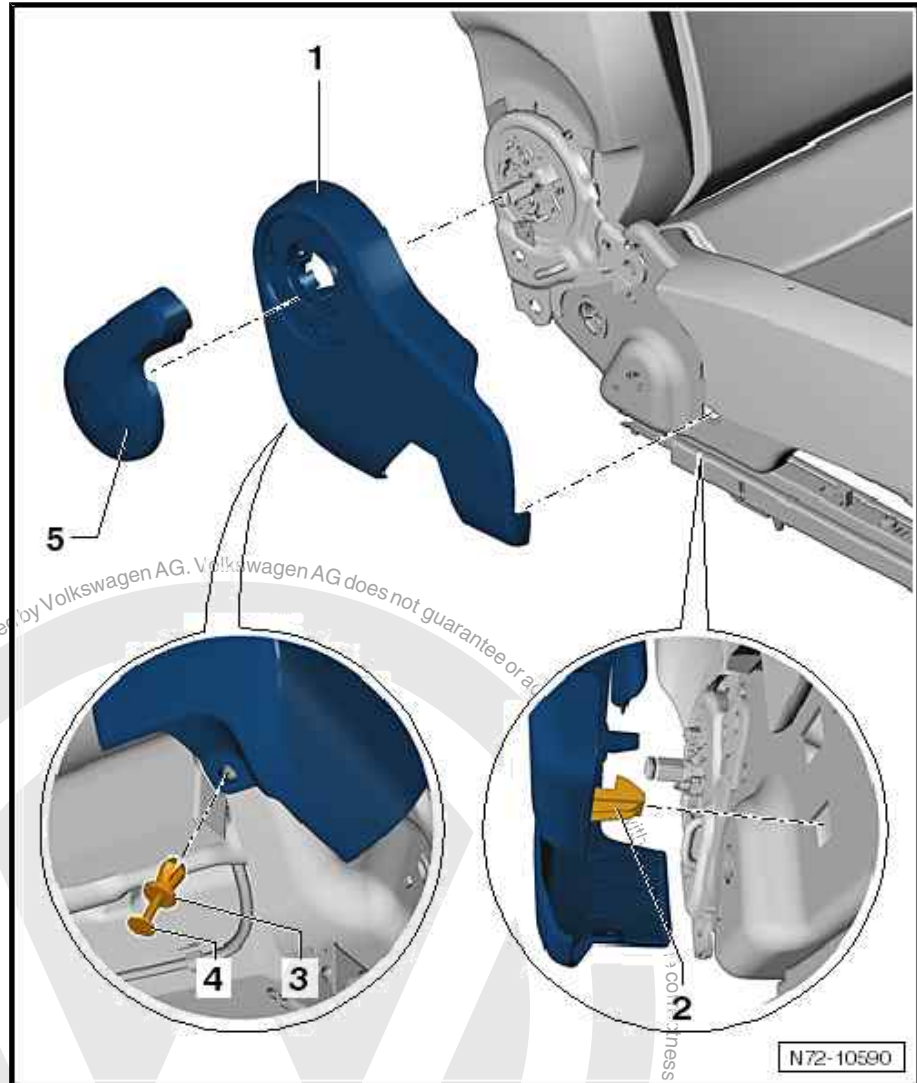
Note

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

- Installation is carried out in the reverse sequence of removal.

Removing, tunnel side

- Remove backrest adjustment lever -5- ➤ [page 180](#) .
- Remove spreader pin -4-, and remove spreader clip -3- from front seat trim -1-.
- Release locking lug -2- from seat frame using removal wedge -3409- .
- Remove front seat trim -1-.



Installing



Note

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

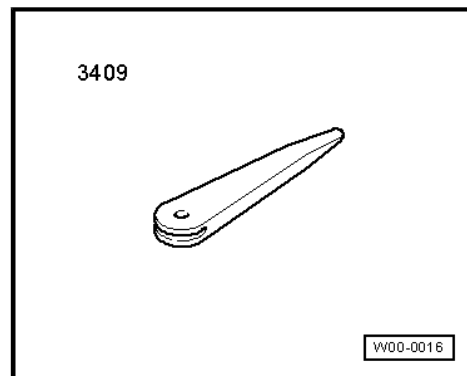
- Installation is carried out in the reverse sequence of removal.

2.9.2 Removing and installing front seat trim, front seat with height adjustment mechanism

Special tools and workshop equipment required



◆ Removal wedge - 3409-



Removing on sill side

- Move front seat to foremost position using longitudinal adjustment mechanism.

Front seat without Easy Entry

- Release cover -2- from front seat trim -1- using removing wedge - 3409- .

Front seat with Easy Entry

- Remove Easy Entry lever ➔ [page 178](#) .

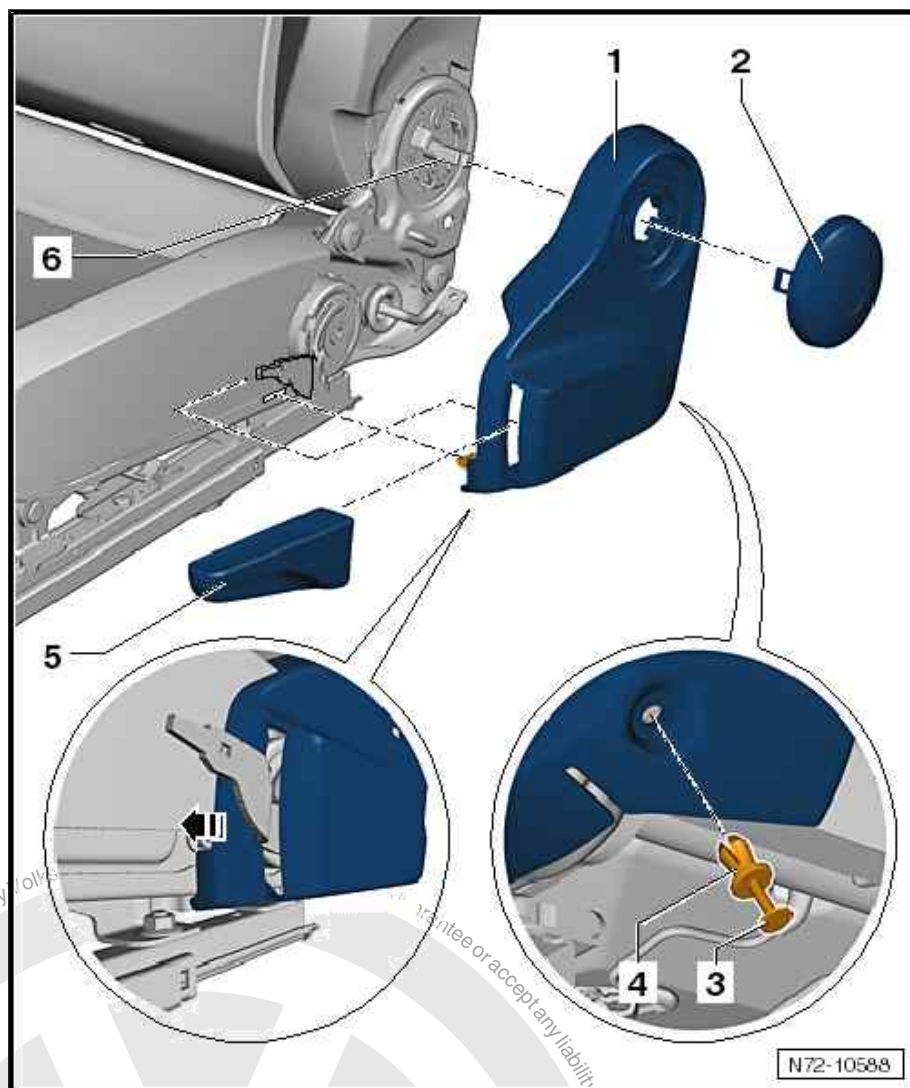


Note

- ◆ *The Easy Entry lever is not shown in the figure.*
- ◆ *The Easy Entry lever replaces cover -2-.*

Continued for all front seats

- Remove seat height adjustment operating lever ➔ [page 180](#) .
- Remove spreader pin -3- and remove spreader clip -4- from front seat trim -1-.
- Pull front seat trim -1- over shaft -6-.
- Push front seat trim -1- in direction of travel out of mounting in seat frame -arrow-.



Installing



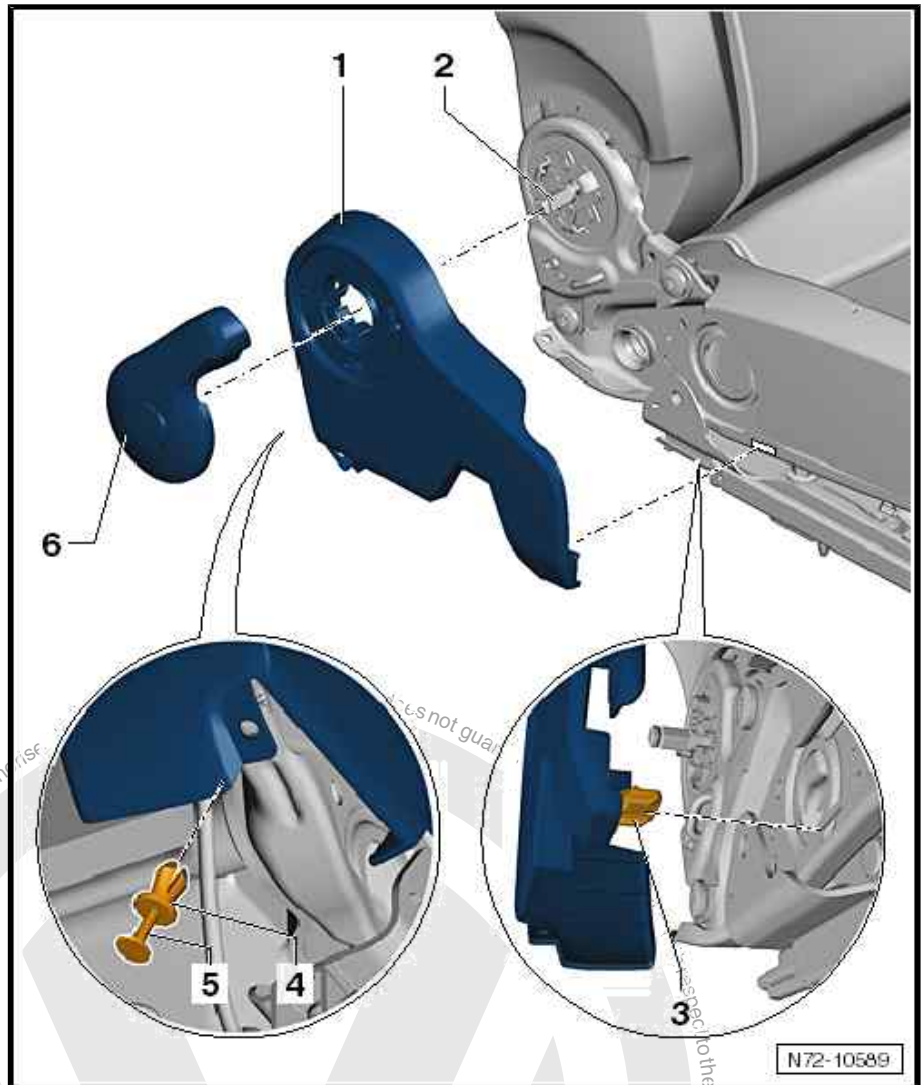
Note

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

- Installation is carried out in the reverse sequence of removal.

Removing, tunnel side

- Remove backrest adjustment lever -6- ➔ [page 180](#) .
- Remove spreader pin -5-, and remove spreader clip -4- from front seat trim -1-.
- Pull front seat trim -1- over shaft -2-.
- Push front seat trim -1- in direction of travel out of mounting -3- in seat frame.



Installing



Note

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

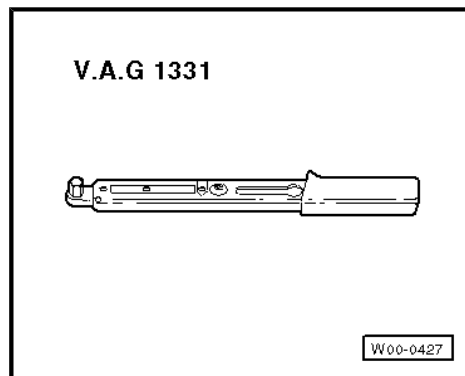
- Installation is carried out in the reverse sequence of removal.

2.10 Removing and installing seat height adjustment unit

Special tools and workshop equipment required

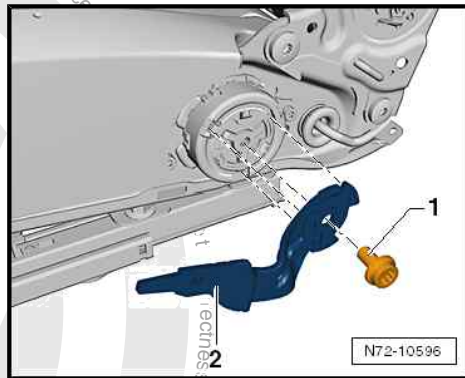


◆ Torque wrench - V.A.G 1331-



Removing

- Move seat to foremost, highest position and then lower by one stroke.
- Remove front seat trim on sill side ➤ [page 181](#) .
- Unscrew bolt -1- (20 Nm) and remove operating lever -2-.

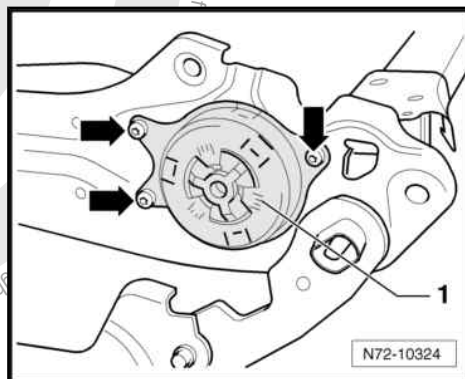


- Remove bolts -arrows- (10 Nm).
- Release seat height adjustment mechanism -1- and remove it.

Installing

Install in the reverse order of removal observing the following:

- When fitting seat height adjustment mechanism, a second mechanic must press front seat down slightly via backrest.





2.11 Removing and installing front backrest

⇒ [“2.11.1 Removing and installing front backrest, front backrest without Easy Entry”, page 189](#)

⇒ [“2.11.2 Removing and installing front backrest, front backrest with Easy Entry”, page 190](#)

2.11.1 Removing and installing front backrest, front backrest without Easy Entry



Note

Removal and installation are described for the left front seat. Removal and installation for the right front seat are similar (mirror image of left front seat).

Special tools and workshop equipment required

- ◆ Torque wrench - V.A.G 1331-

V.A.G 1331



W00-0427

Removing

- Remove front seat ⇒ [page 173](#) .
- Remove front seat trims ⇒ [page 181](#) .

Release and lay to side all wiring harnesses and disconnect all connectors.

- Unscrew bolts -2- and -4-.



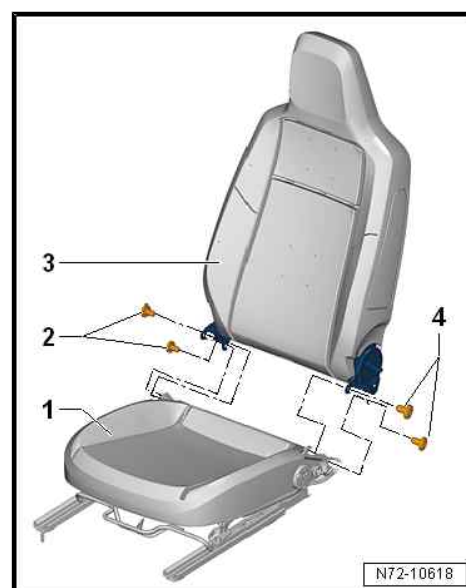
Note

- ◆ Bolts are micro-encapsulated and must be renewed each time they are removed.
- ◆ Prior to installation, clean threaded holes for bolts with, for example, a thread chaser.

- Remove backrest -3- from seat pan -1-.

Installing

- Installation is carried out in the reverse sequence of removal.



N72-10618



2.11.2 Removing and installing front backrest, front backrest with Easy Entry

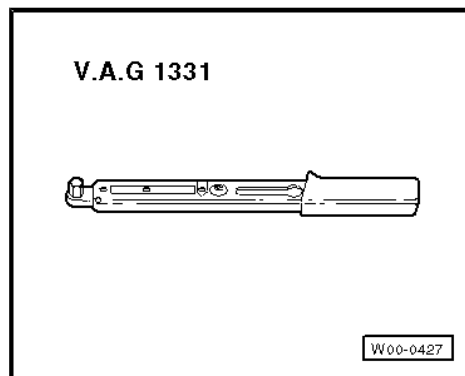


Note

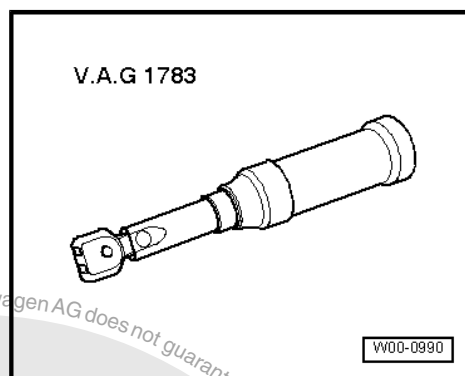
Removal and installation are described for the left front seat. Removal and installation for the right front seat are similar (mirror image of left front seat).

Special tools and workshop equipment required

- ◆ Torque wrench - V.A.G 1331-



- ◆ Torque wrench - V.A.G 1783-

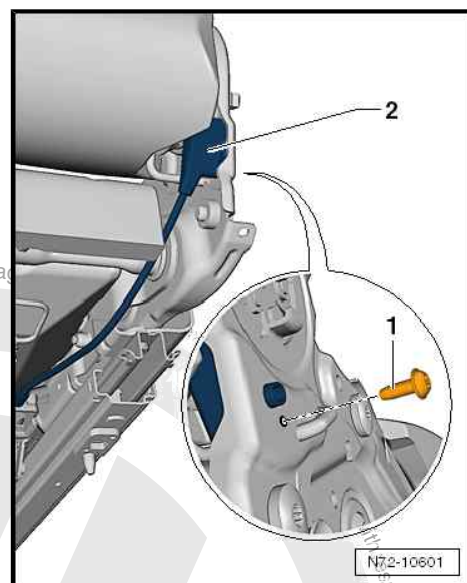


Removing

- Remove front seat ➔ [page 173](#)
- Remove front seat trims ➔ [page 181](#)



- Unscrew bolts -1- for Easy Entry (1.5 Nm).
- Release Easy Entry -2- from seat backrest frame and remove it.
- Release and lay to side all wiring harnesses and disconnect all connectors.



- Unscrew bolts -2- and -4-.



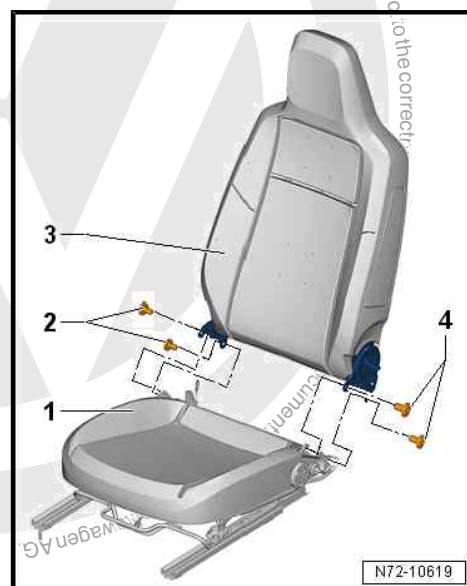
Note

- ◆ *Bolts are micro-encapsulated and must be renewed each time they are removed.*
- ◆ *Prior to installation, clean threaded holes for bolts with, for example, a thread chaser.*

- Remove backrest -3- from seat pan -1-.

Installing

- Installation is carried out in the reverse sequence of removal.



3 Rear seats

⇒ [“3.1 Assembly overview - bench seat / individual seats”, page 192](#)

⇒ [“3.2 Assembly overview - rear seat backrest”, page 193](#)

⇒ [“3.3 Removing and installing bench seat / individual seats”, page 193](#)

⇒ [“3.4 Removing and installing trim for locking mechanism”, page 194](#)

⇒ [“3.5 Removing and installing lock cylinder”, page 195](#)

⇒ [“3.6 Removing and installing head restraint”, page 196](#)

⇒ [“3.7 Removing and installing head restraint guide”, page 197](#)

⇒ [“3.8 Removing and installing rear seat backrest”, page 197](#)

3.1 Assembly overview - bench seat / individual seats

1 - Bench seat / individual seats

- ☐ With wire frame
- ☐ Wire frame in bench seat / single seats is foamed in place
- ☐ Removing and installing
⇒ [page 193](#)

2 - Retainer

- ☐ Qty. 2
- ☐ Renew retainers after every removal of the bench seat or the individual seats; allocation
⇒ Electronic parts catalogue .

3 - Locking hook

- ☐ Qty. 2



3.2 Assembly overview - rear seat backrest

1 - Rear seat backrest

- ☐ One-piece design or split design (depending on vehicle equipment)
- ☐ With rear seat backrest frame
- ☐ Removing and installing
⇒ [page 197](#)

2 - Outer support sleeve

3 - Bolt

- ☐ 8 Nm

4 - Locking mechanism with lock cylinder

- ☐ Removing and installing
⇒ [page 195](#)

5 - Trim

- ☐ For locking mechanism with lock cylinder
- ☐ Removing and installing
⇒ [page 194](#)

6 - Head restraint

- ☐ Must be locked in head restraint guides
- ☐ Removing and installing
⇒ [page 196](#)

7 - Head restraint guide

- ☐ Removing and installing
⇒ [page 197](#)

8 - Cover

- ☐ For backrest centre mounting

9 - Clamp

- ☐ For backrest centre mounting
- ☐ Removing and installing ⇒ [page 197](#)

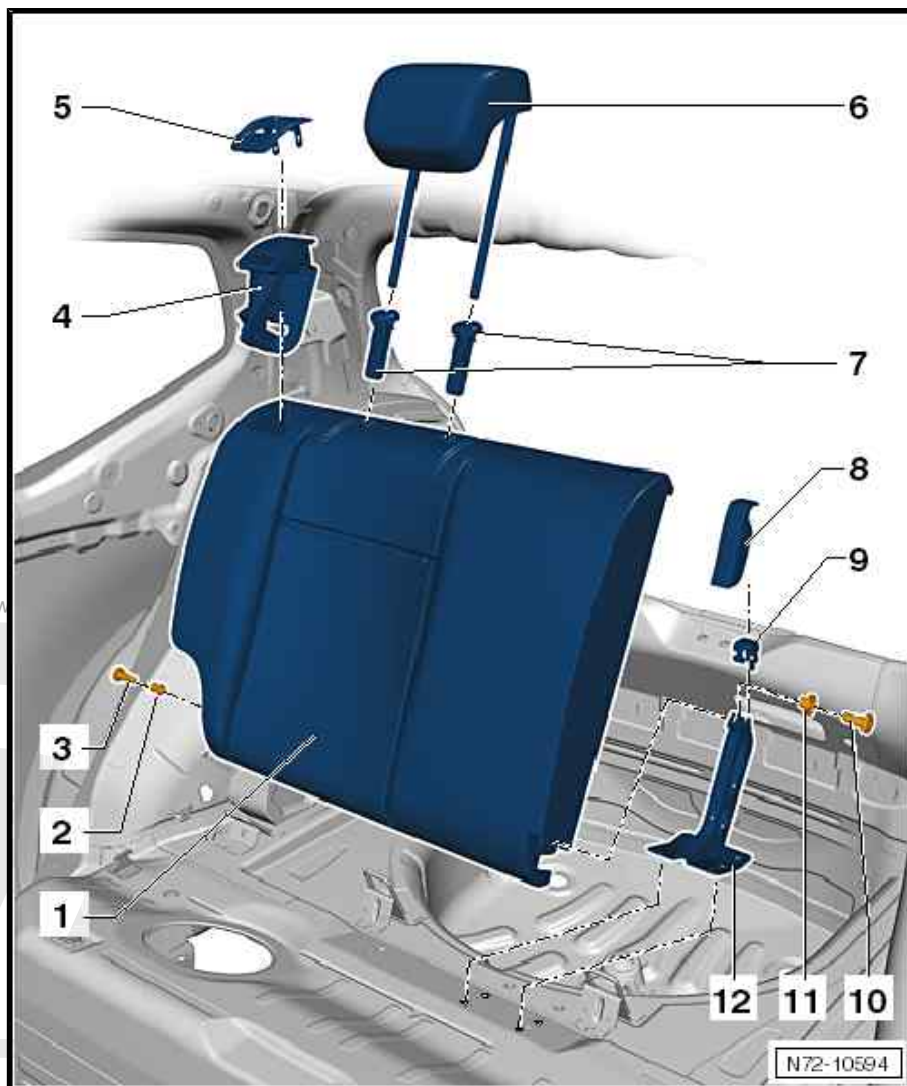
10 - Bolt

- ☐ 8 Nm

11 - Inner support sleeve

- ☐ For rear seat backrest

12 - Backrest centre mount



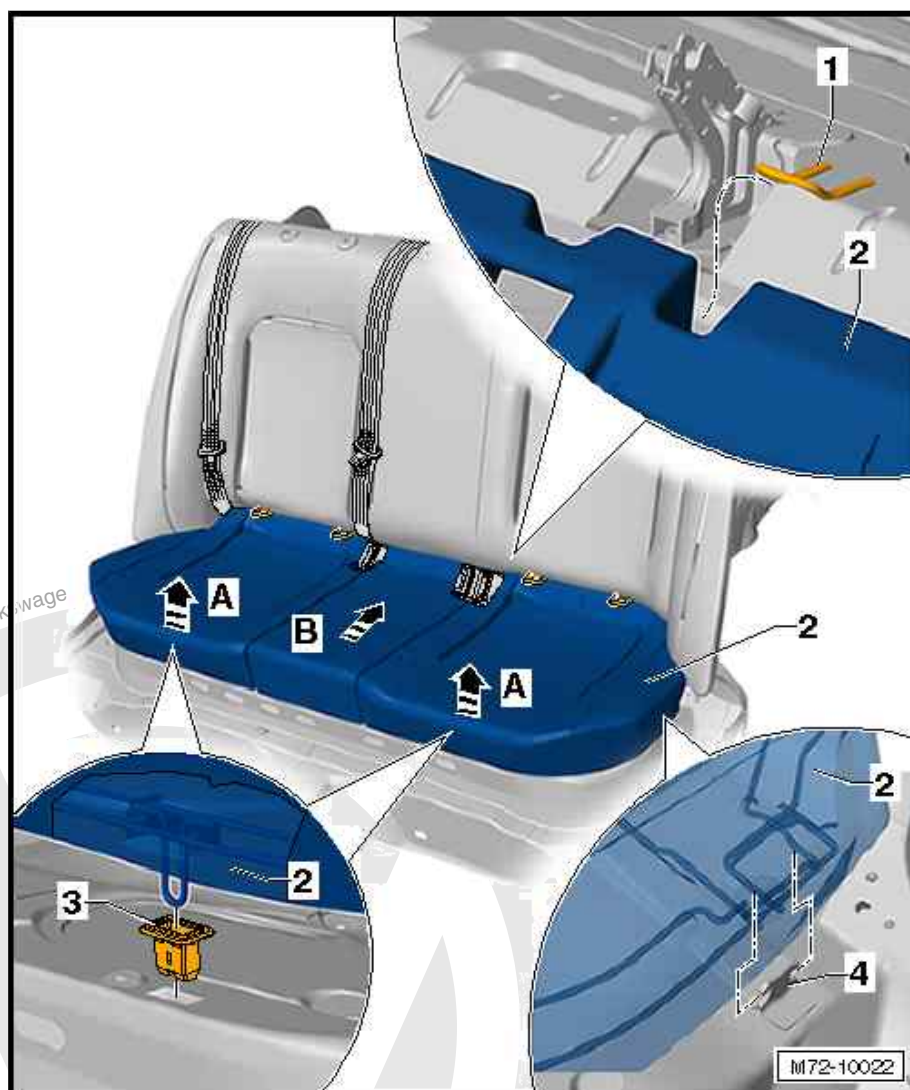
3.3 Removing and installing bench seat / individual seats

Removing

- Pull bench seat / individual seats -2- by its front upwards out of mounting grommets -3- in -direction of arrow A-.
- Push bench seat / individual seats -2- towards the rear in -direction of arrow B-, at the same time, releasing bench seat / individual seats from catch -4-.



- Pull bench seat / individual seats -2- forwards off ISOFIX child seat anchors -1- located at rear.
- Remove bench seat / individual seats -2-.



Installing

Renew retainers after every removal of the bench seat or the individual seats; allocation ➔ Electronic parts catalogue .

- Installation is carried out in the reverse sequence of removal.

3.4 Removing and installing trim for locking mechanism



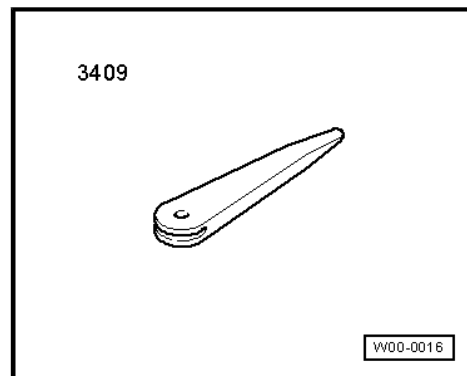
Note

- ◆ Removal and installation are illustrated for the left side. Removal and installation for the right side are similar (mirror image of left side).
- ◆ For greater clarity, trim is shown in its installation location.

Special tools and workshop equipment required



◆ Removal wedge - 3409-



Removing

- Open cover and padding of rear seat backrest completely
⇒ [page 220](#) .
- Remove head restraint guide ⇒ [page 197](#) .
- Roll rear backrest cover back over padding so that the padding is exposed.
- Press padding down slightly until tabs -2- are visible.
- Release tabs -2- from trim for locking mechanism -1- using removing wedge - 3409- .



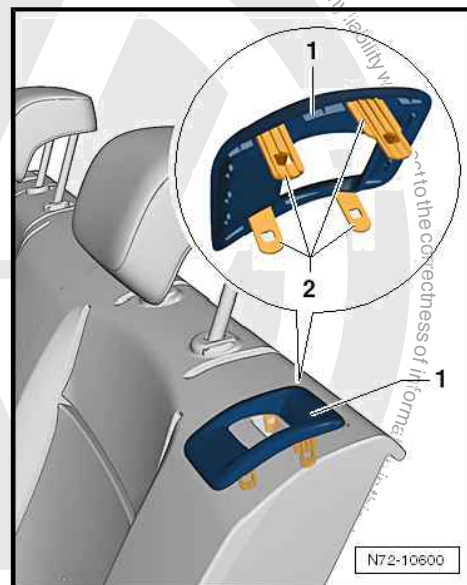
Note

Alternatively, it is possible to release the tabs carefully with a screwdriver.

- Remove trim for locking mechanism -1- upwards.

Installing

- Installation is carried out in the reverse sequence of removal.



3.5 Removing and installing lock cylinder



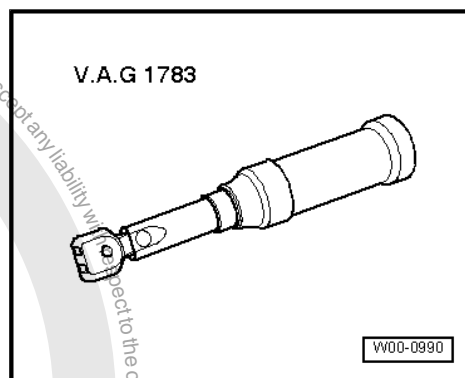
Note

Removal and installation are illustrated for the left side. Removal and installation for the right side are similar (mirror image of left side).

Special tools and workshop equipment required



- ◆ Torque wrench - V.A.G 1783-

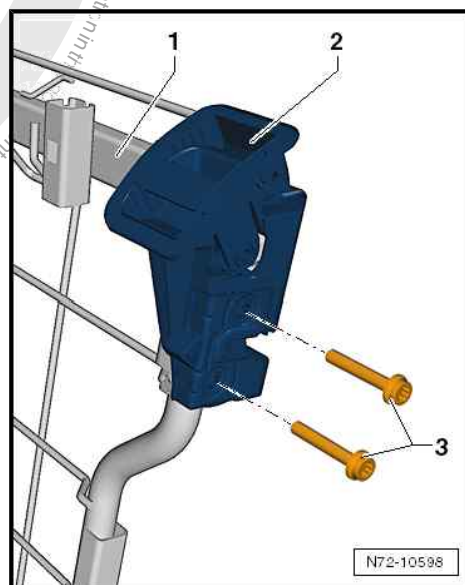


Removing

- Remove trim for locking mechanism ➔ [page 194](#) .
- Remove cover and padding in area of locking mechanism from rear seat backrest ➔ [page 220](#) .
- Unscrew bolts -3- (4.5 Nm).
- Remove locking mechanism with lock cylinder -2- from rear seat backrest frame -1-.

Installing

- Installation is carried out in the reverse sequence of removal.



3.6 Removing and installing head restraint

Removing

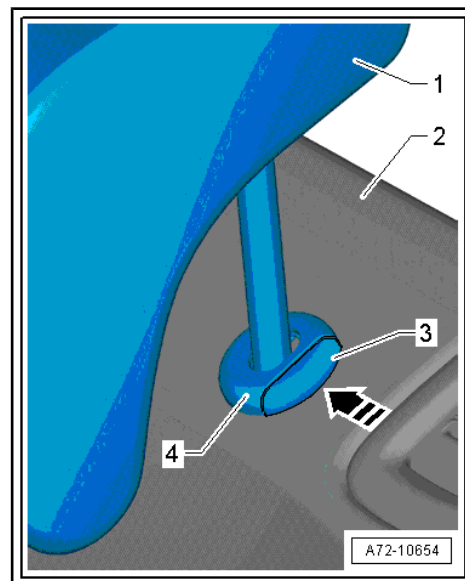
- Release rear seat backrest and fold forwards.



- Press release tab -3- for height adjustment on head restraint guide -4- -arrow- and, at same time, pull head restraint -1- upwards out of rear seat backrest -2-.

Installing

- Push head restraint to lowest position in rear seat backrest.
- Check whether head restraint is engaged correctly.
- It should no longer be possible to pull the head restraint out of the rear seat backrest.



3.7 Removing and installing head restraint guide

Removing

- Remove rear seat backrest ➔ [page 197](#) .
- Remove head restraint ➔ [page 196](#) .
- Open cover and padding of rear seat backrest -1-.
- Pull backrest cover up until head restraint tube -3- welded into rear seat backrest frame is visible with head restraint guide -2-.
- Press locking tab of head restraint guide inwards -arrow-, at same time pulling head restraint guide out of rear seat backrest frame.

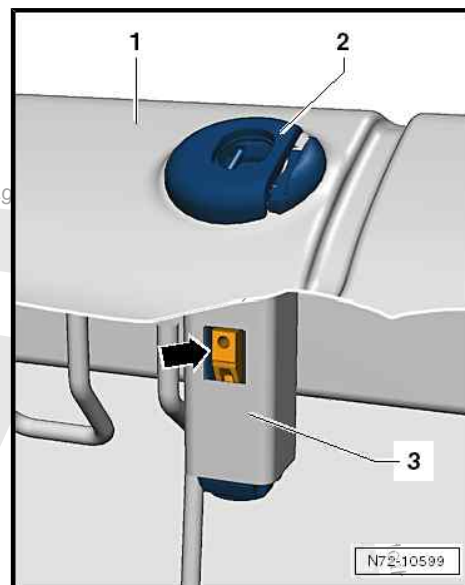
Installing



Note

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

- Installation is carried out in the reverse sequence of removal.

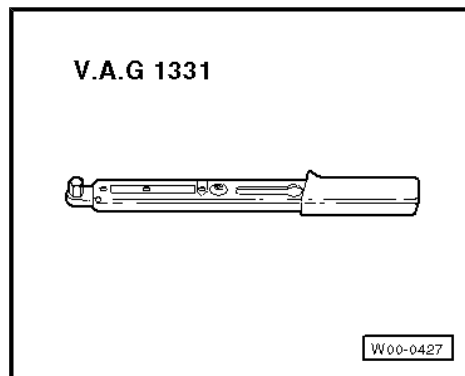


3.8 Removing and installing rear seat backrest

Special tools and workshop equipment required



- ◆ Torque wrench - V.A.G 1331-

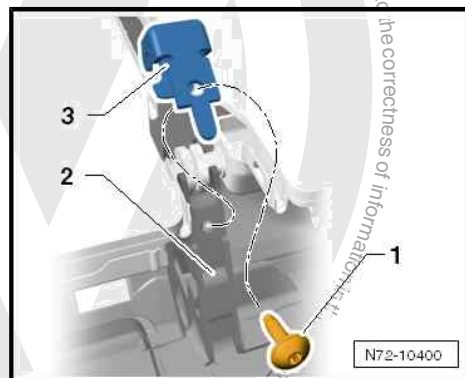


Note

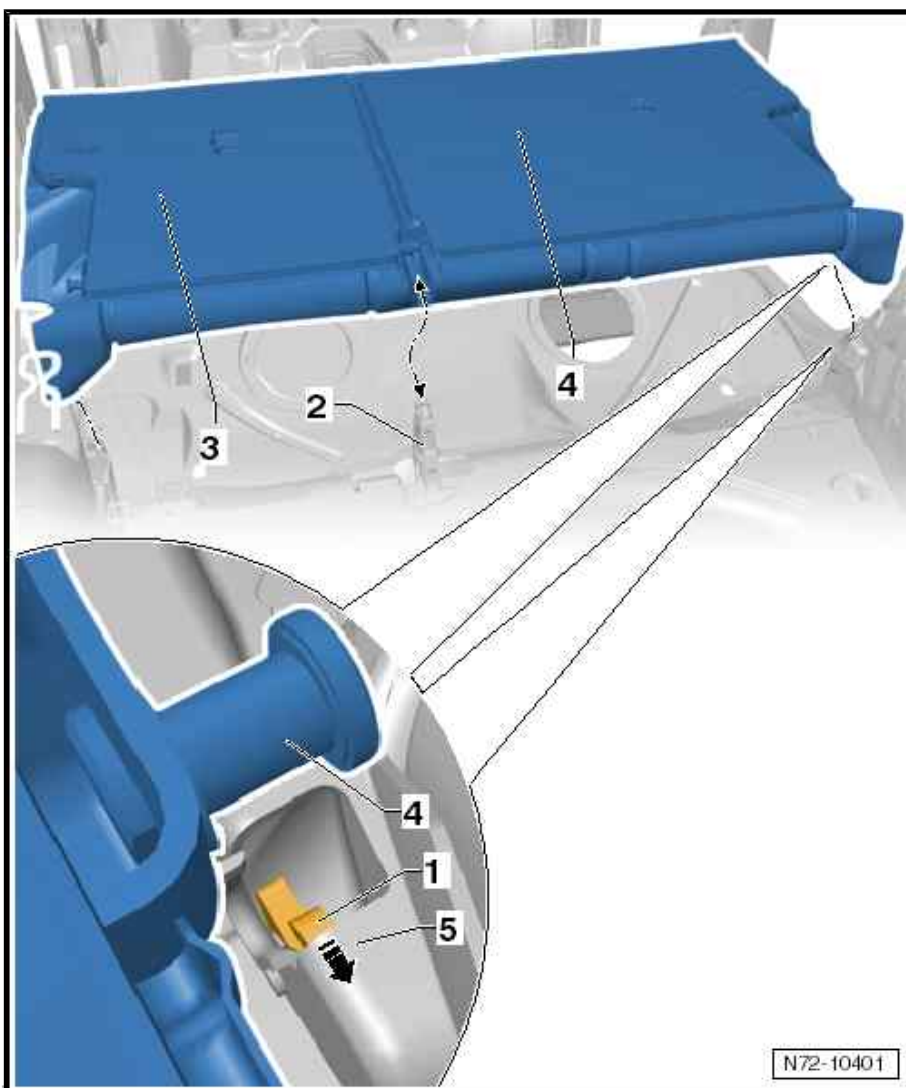
As an example, the procedure is carried on a split backrest.

Removing

- Remove upper luggage compartment floor ➔ [page 152](#) .
- Remove bench seat / single seats ➔ [page 193](#) .
- Fold down rear seat backrests.
- Pull side of cover cap towards outside and remove cover cap from centre mount of seat backrest.
- Unscrew bolt -1- (8 Nm) and remove clamp -3- from backrest central bearing -2-.



- Release locking hooks -1- on both sides using screwdriver. Press locking hooks against direction of travel -arrow- using screwdriver.
- Remove left rear seat backrest -3- from outer backrest mount and centre mount of backrest -2-.
- Remove right rear seat backrest -4- from outer backrest mount -5- and centre mount of backrest -2-.



Installing

Install in the reverse order of removal observing the following



Note

Assembly sequence: Insert right rear seat backrest into outer and centre backrest mounts. Then fit left rear seat backrest.

- Close locking hooks in outer backrest mounts using screwdriver.



WARNING

After installing, perform a functional check!

Engage rear seat backrest in lock:

- Red rear seat backrest locking mechanism marking must not be visible!
- Check locking mechanism by pulling on rear seat backrest surface.



- Release rear seat backrest and fold it down:
- Red rear seat backrest locking mechanism marking must be visible!
- Engage rear seat backrest in lock again.





74 – Seat - padding, covers

1 Front seat covers and padding

⇒ [“1.1 Assembly overview - cover and padding for seat pan”, page 201](#)

⇒ [“1.2 Assembly overview - cover and padding for backrest”, page 202](#)

⇒ [“1.3 Assembly overview - seat heating element”, page 203](#)

⇒ [“1.4 Removing and installing cover and padding for seat pan”, page 204](#)

⇒ [“1.5 Removing and installing backrest cover and backrest padding”, page 208](#)

⇒ [“1.6 Removing and installing seat heating element”, page 212](#)

⇒ [“1.7 Removing and installing backrest heating element”, page 213](#)

1.1 Assembly overview - cover and padding for seat pan



Note

The illustration shows the cover and padding for seat pan of driver seat. The cover and padding for seat pan of front passenger seat is similar (mirror image of cover and padding for seat pan of driver seat).



1 - Seat pan

2 - Padding

- ☐ Allocation ➔ Electronic parts catalogue
- ☐ Removing and installing
➔ [page 204](#)

3 - Wire

- ☐ For attaching seat pan cover to seat pan padding

4 - Shaped rail

- ☐ Sewn to seat pan cover
- ☐ For attaching seat pan cover to seat pan padding

5 - Upholstery clip

- ☐ For attaching seat pan cover to seat pan padding
- ☐ Renew after each removal

6 - Seat cover

- ☐ Allocation ➔ Electronic parts catalogue
- ☐ After installation, check that there are no creases in seat
- ☐ Removing and installing
➔ [page 204](#)

7 - Profile

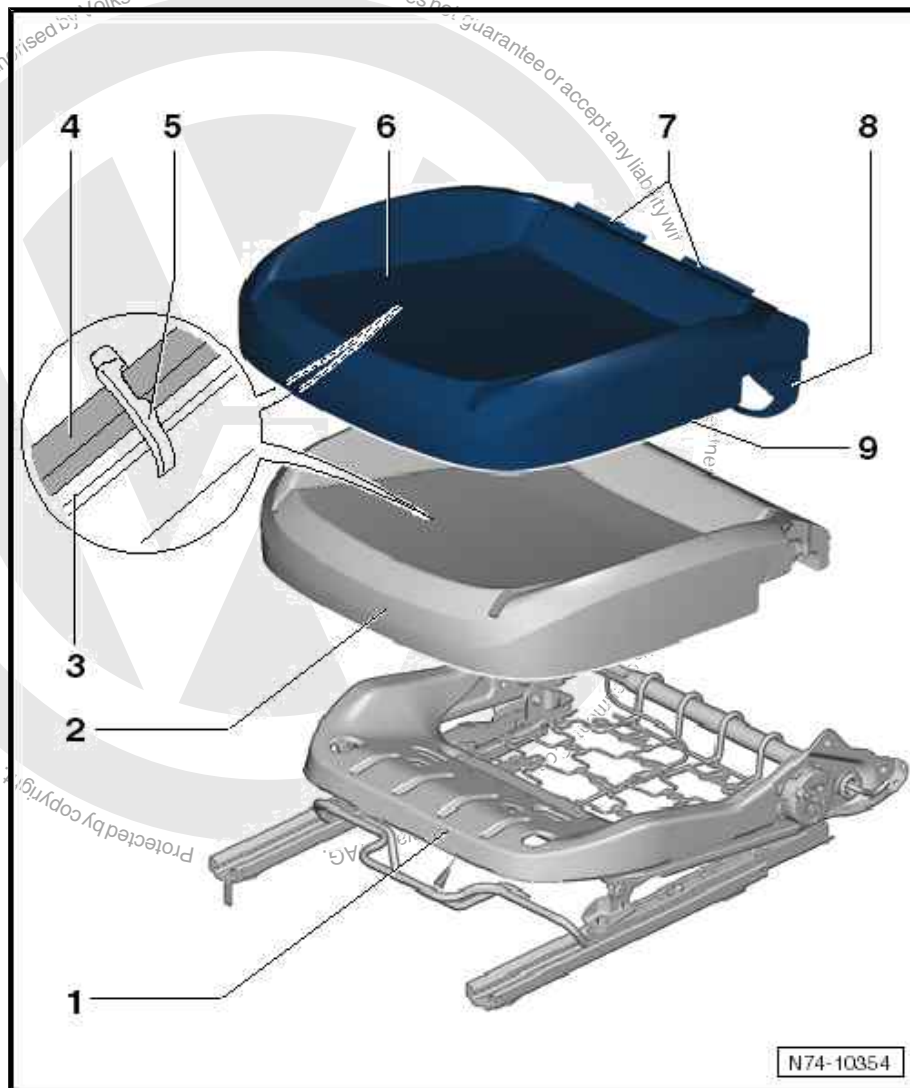
- ☐ Sewn to seat pan cover
- ☐ For attaching seat pan cover on top rack of seat pan

8 - Tensioning strap

- ☐ For attaching seat pan cover on seat pan padding

9 - Profile

- ☐ Sewn to seat pan cover
- ☐ For attaching seat pan cover on wire frame of seat pan



1.2 Assembly overview - cover and padding for backrest



Note

The illustration shows the cover and padding for backrest of driver seat. The cover and padding for backrest of front passenger seat is similar (mirror image of cover and padding for backrest of driver seat).



1 - Cut-out for airbag

- ☐ For side airbag

2 - Zipper

- ☐ Sewn to backrest cover
- ☐ Zip closer - 1S0.881.451-

3 - Seat cover

- ☐ Allocation ⇒ Electronic parts catalogue
- ☐ After installation, check that there are no creases in seat
- ☐ Removing and installing ⇒ [page 208](#)

4 - Shaped rail

- ☐ Sewn to backrest cover
- ☐ For attaching backrest cover to backrest padding

5 - Upholstery clip

- ☐ For attaching backrest cover to backrest padding
- ☐ Renew after each removal

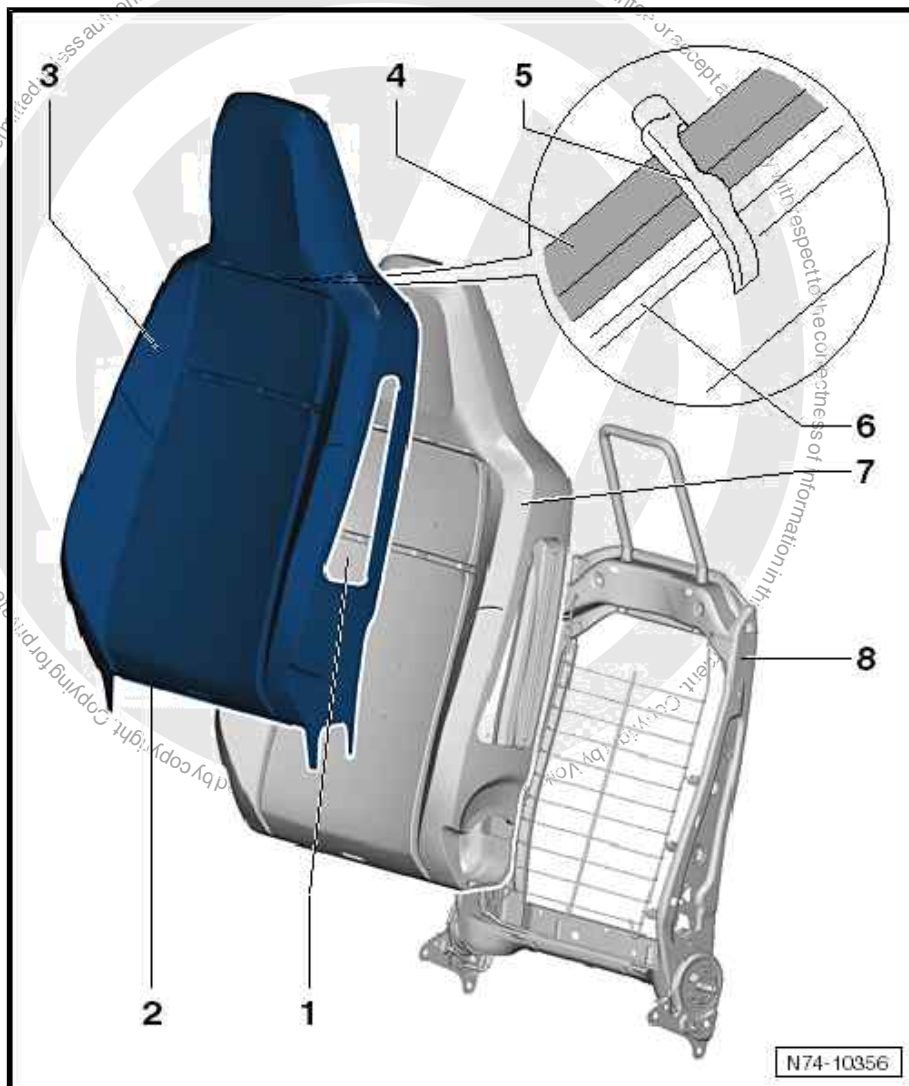
6 - Wire

- ☐ For attaching backrest cover to backrest padding

7 - Padding

- ☐ Allocation ⇒ Electronic parts catalogue
- ☐ Removing and installing ⇒ [page 208](#)

8 - Backrest frame



1.3 Assembly overview - seat heating element



Note

The illustration shows the cover and padding for backrest of driver seat. The cover and padding for backrest of front passenger seat is similar (mirror image of cover and padding for backrest of driver seat).



1 - Padding

- ☐ Allocation ⇒ Electronic parts catalogue
- ☐ Removing and installing
⇒ [page 204](#)

2 - Heating element for heated seat cushion for driver seat - Z6-

- ☐ Front passenger side: heated seat cushion for front passenger seat - Z8-
- ☐ Allocation ⇒ Electronic parts catalogue
- ☐ Removing and installing
⇒ [page 212](#)

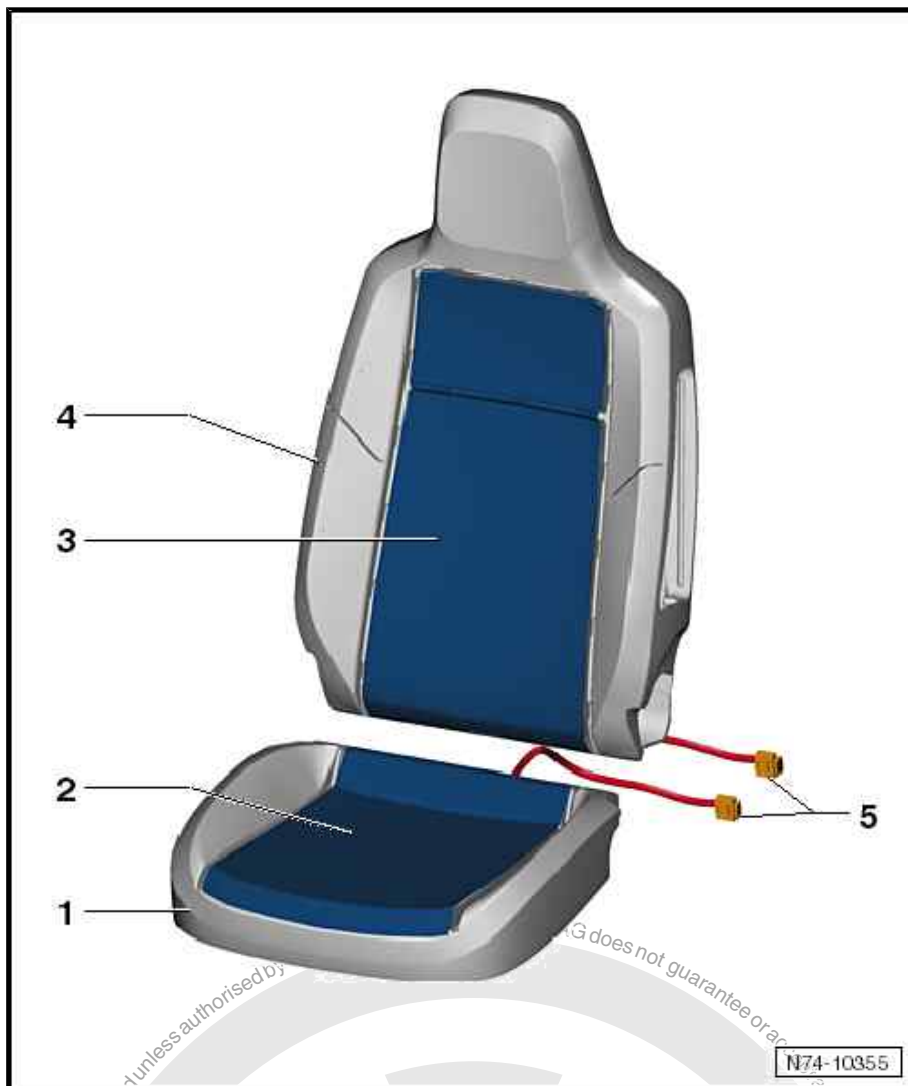
3 - Heating element for heated backrest for driver seat - Z7-

- ☐ Front passenger side: heated backrest for front passenger seat - Z9-
- ☐ Allocation ⇒ Electronic parts catalogue
- ☐ Removing and installing
⇒ [page 213](#)

4 - Padding

- ☐ Allocation ⇒ Electronic parts catalogue
- ☐ Removing and installing
⇒ [page 208](#)

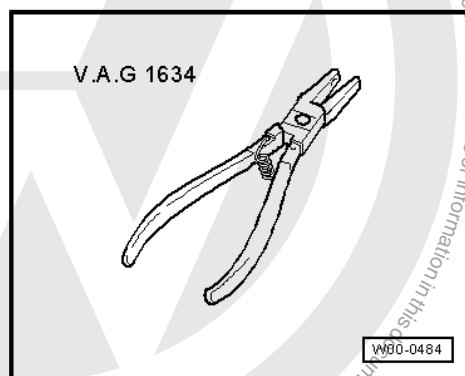
5 - Wire



1.4 Removing and installing cover and padding for seat pan

Special tools and workshop equipment required

- ◆ Upholstery clip pliers - V.A.G 1634-





Note

Removal and installation for the front passenger seat are similar (mirror image of driver seat).

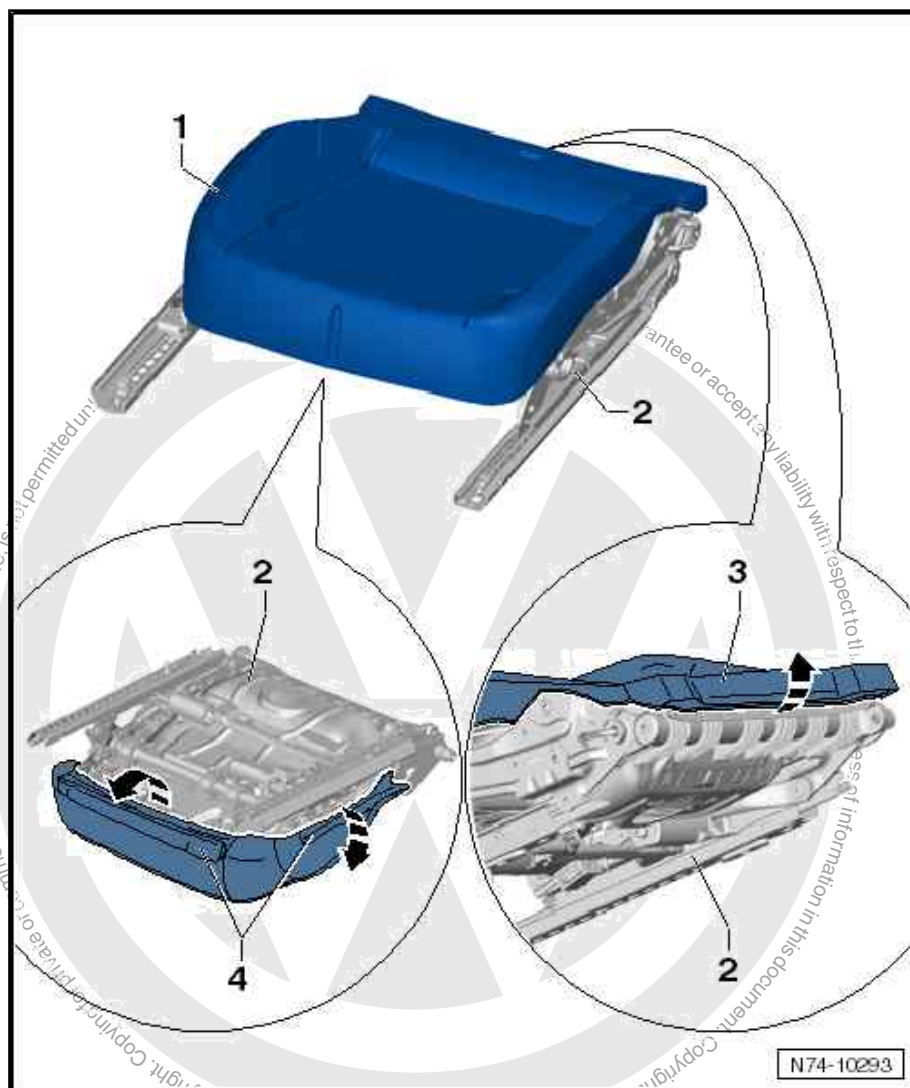


WARNING

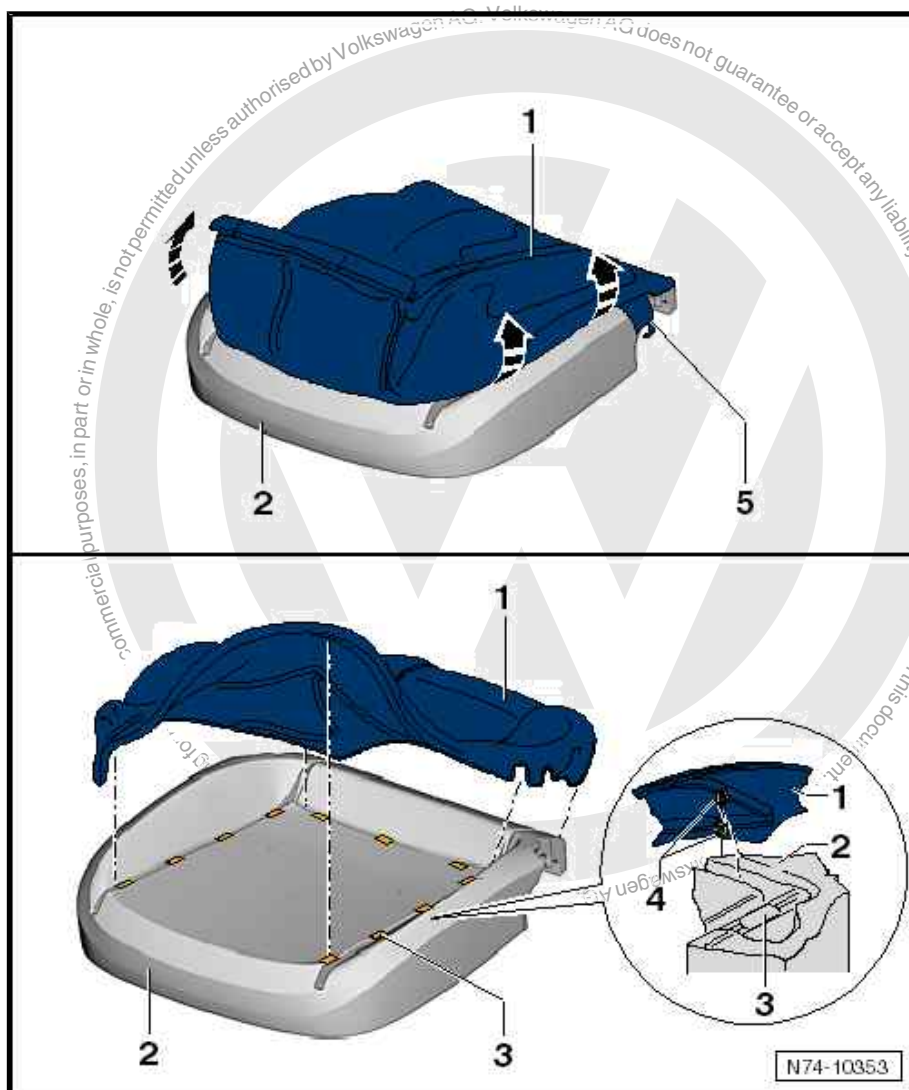
- ◆ ***If the front passenger seat cushion is renewed, the seat occupied sensor, front passenger side - G128- must also always be renewed.***
- ◆ ***Renewing seat occupied sensor, front passenger side - G128- ➔ [page 80](#) .***

Removing

- Remove front seat ➔ [page 173](#) .
- Remove front belt buckle ➔ [page 53](#) .
- Remove front seat trims ➔ [page 181](#) .
- Remove front backrest ➔ [page 189](#) .
- Detach profile -3- from mountings.
- Detach profile -4- from mountings on all sides of the seat pan -2-
- Remove cover and padding -1-.
- Disconnect connectors, depending on vehicle equipment.



- Roll outer edges of cover -1- all round upwards in -direction of arrow- off padding -2-.
- Roll tensioning strap -5- over cushion.
- Remove padding clips -4- of cover -1- from mountings in padding -3-.
- Remove cover -1-.



Installing



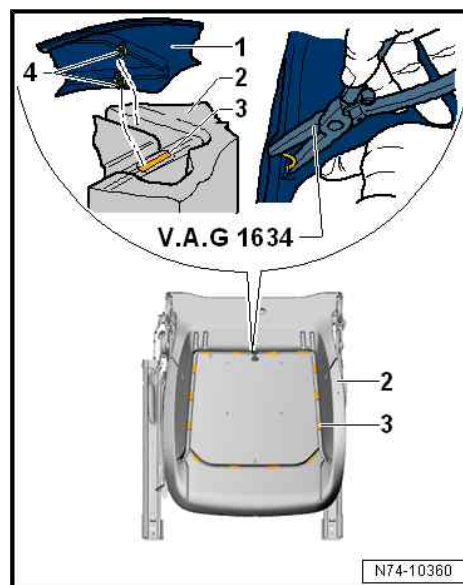
Note

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

Install in the reverse order of removal observing the following:

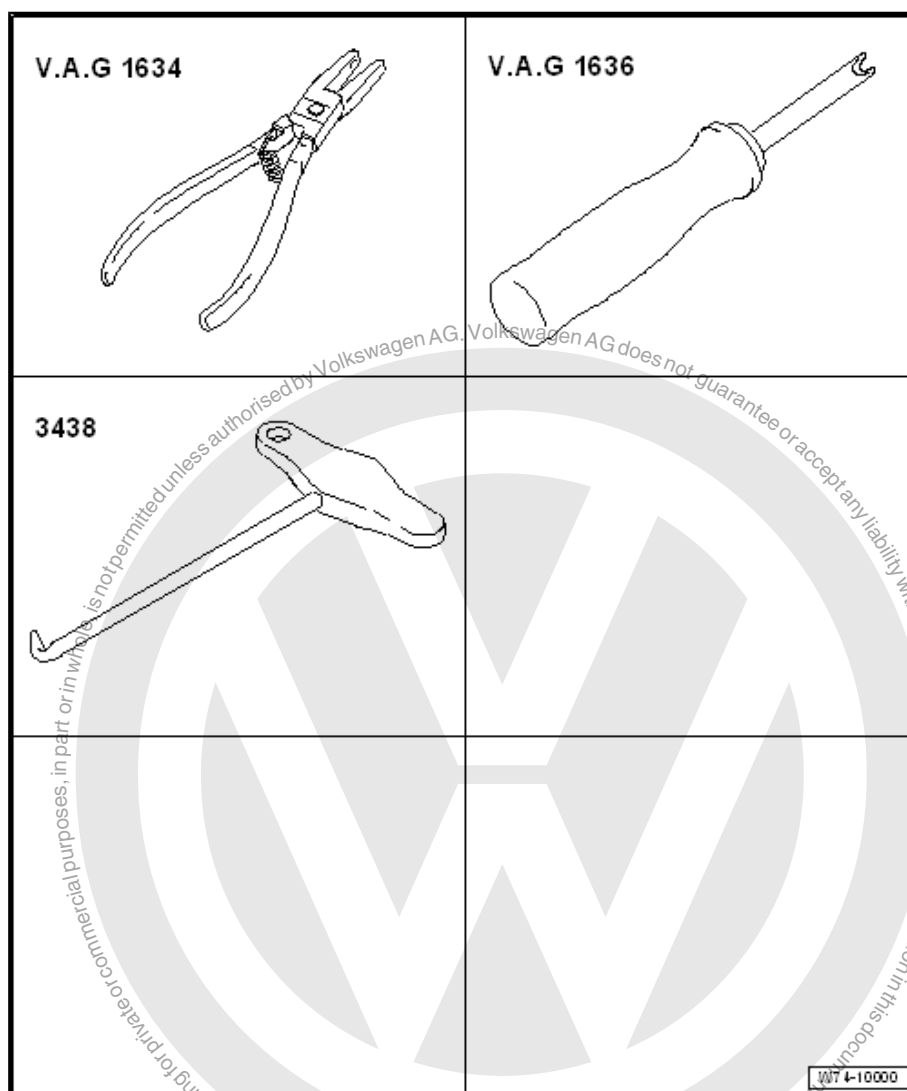


- Fasten cover -1- to padding -2- all round it with new padding clips -4- at the positions indicated -3- using padding clip pliers - V.A.G 1634- .



1.5 Removing and installing backrest cover and backrest padding

Special tools and workshop equipment required



◆ Upholstery clip pliers - V.A.G 1634-



◆ Awl - V.A.G 1636-

◆ Hook - 3438-

Zip closer - 1S0.881.451-

Allocation ⇒ Electronic parts catalogue

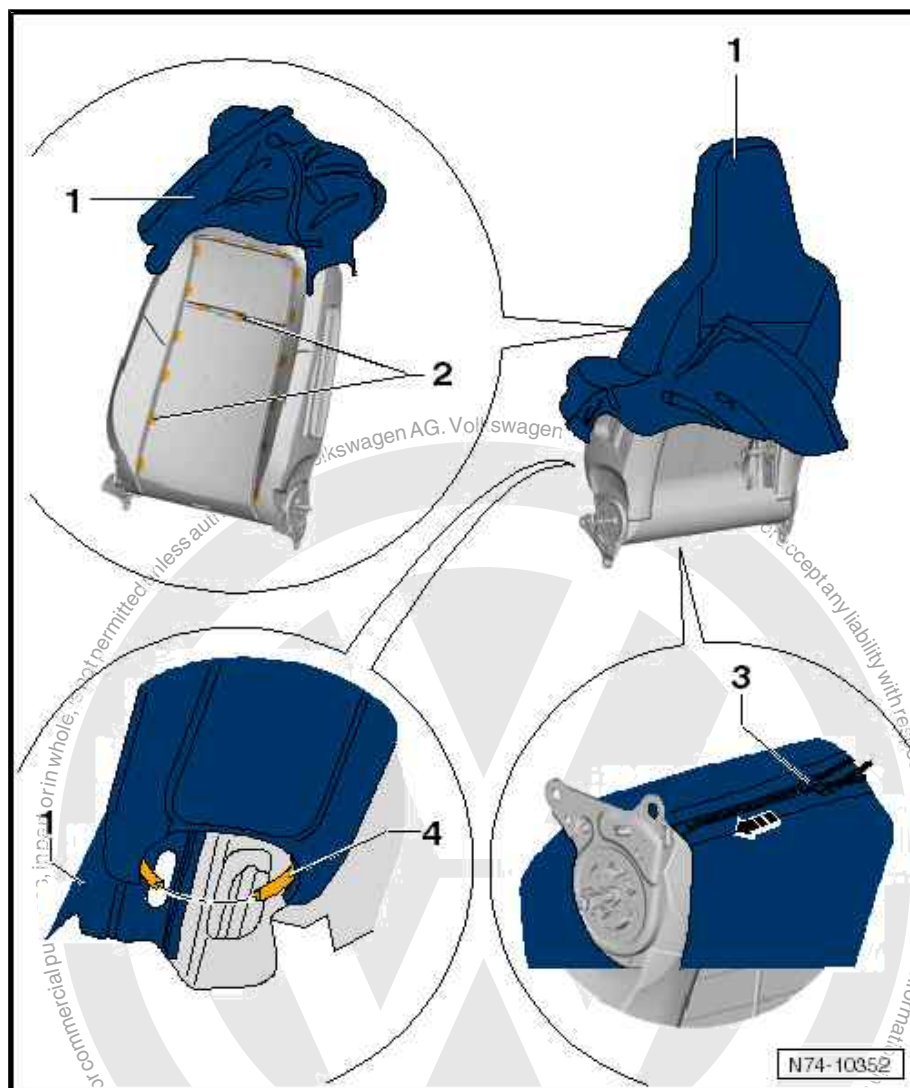


Note

*Removal and installation for the front passenger seat are similar
(mirror image of driver seat).*

Removing

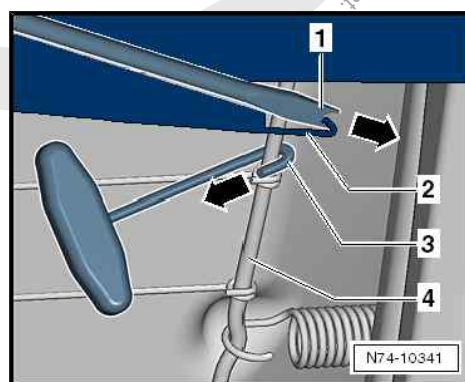
- Remove front seat ⇒ [page 173](#) .
- Remove front belt buckle ⇒ [page 53](#) .
- Remove front seat trims ⇒ [page 181](#) .
- Remove front backrest ⇒ [page 189](#) .
- Open zipper -3- in -direction of arrow-.
- Roll cover -1- slightly upwards.
- Remove padding clips -4- of cover -1- from mountings in padding -2- starting at the bottom.
- Roll backrest cover -1- further upwards until all padding clips -4- can be removed.
- Slide cover -1- over head restraint and remove it from padding.
- Disconnect connectors, depending on vehicle equipment.



Cover with knee recess

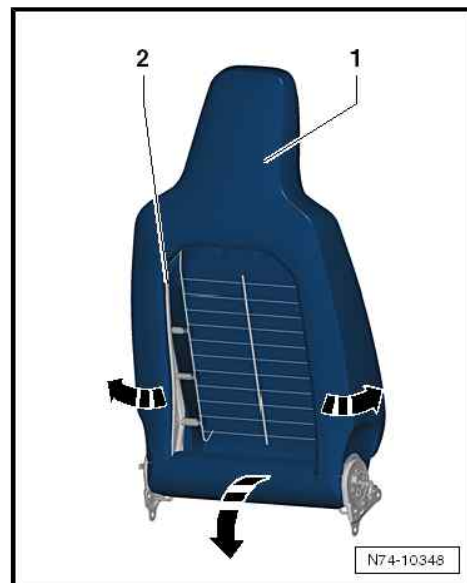
- Detach quilting wire -2- on right and left on wire frame -4- using awl - V.A.G 1636- -1- and hook - 3438- -3-.

Continued for all





- Push padding -1- on right and left sides -arrows- towards outside.
- Push padding -1- at bottom over backrest frame -arrows-.



- Remove padding -1- from backrest frame -2-.

Installing



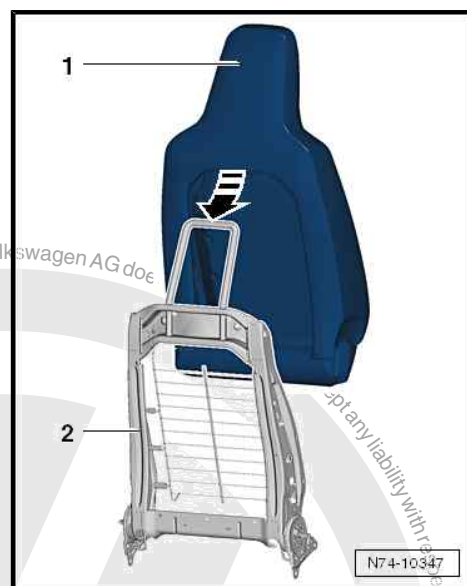
Note

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



Note

Close zipper of backrest cover using zip closer - 1S0.881.451- .

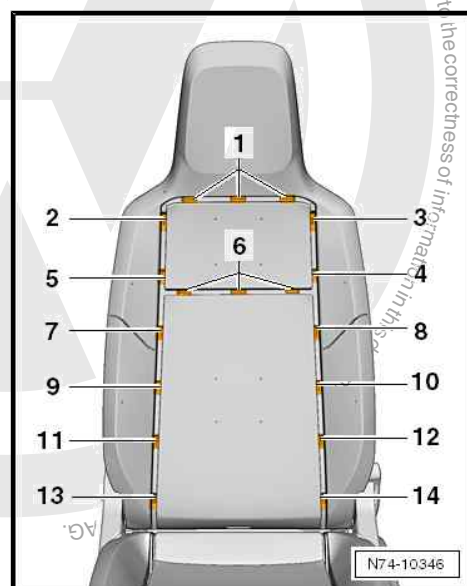


Install in the reverse order of removal observing the following:



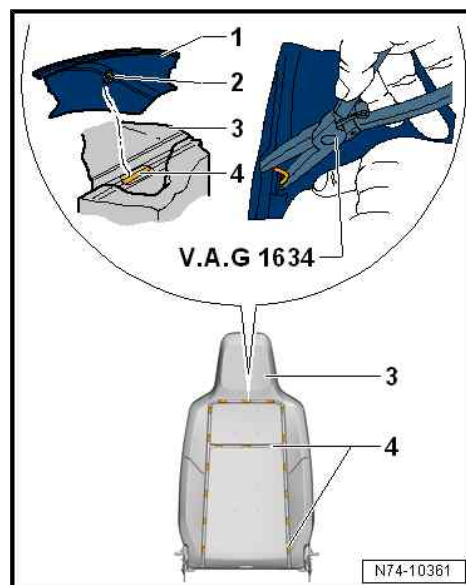
Note

Fasten padding clips in sequence -1- through -14-.





- Slide cover -1- on, starting at head restraint.
- Fasten cover -1- to padding -3- with new padding clips -2- at the positions indicated -4- using padding clip pliers - V.A.G 1634- .



1.6 Removing and installing seat heating element



Note

Removal and installation is described for the left seat. Apply the same instructions for removal and installation of the right seat as appropriate.

Removing

- Remove seat cover and padding from seat pan ➔ [page 204](#) .



Note

The padding and the seat heating element are bonded together.

- Pull seat heater element -1- off padding -2-.
- Guide wire through opening in padding.

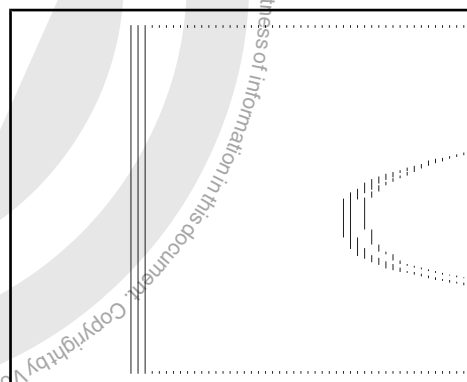
Installing



Note

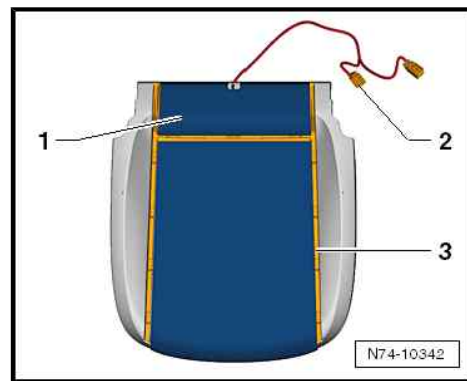
- ◆ *Ensure that seat heating element is bonded without creases.*
- ◆ *The adhesive strip can only be used once.*

Install in the reverse order of removal observing the following:





- Guide wire -2- through opening in padding.
- Align seat heating element -1- with seams -3-.
- Peel off backing and bond in seat heating element starting at rear.



1.7 Removing and installing backrest heating element



Note

Removal and installation is described for the left seat. Apply the same instructions for removal and installation of the right seat as appropriate.

Removing

- Remove backrest cover and cushion ➔ [page 208](#).



Note

The padding and the backrest heating element are bonded together.

- Pull backrest heating element -2- off padding -1-.
- Guide electrical wire -3- through opening in padding.

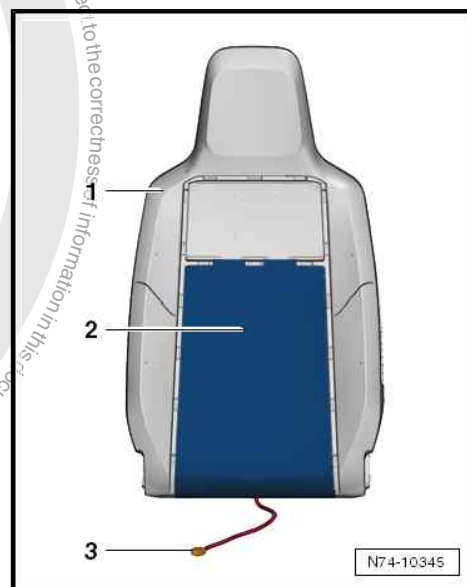
Installing



Note

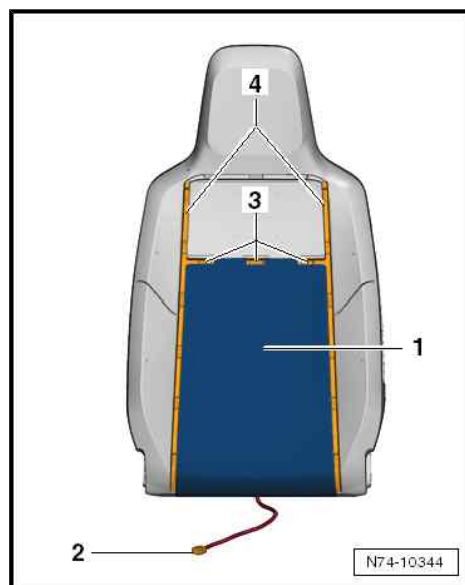
- ◆ *Ensure that backrest heating element is bonded without creases.*
- ◆ *The adhesive strip can only be used once.*

Install in the reverse order of removal observing the following:





- Guide wire -2- through opening in padding.
- Align backrest heating element -1- with seams -3- and -4-.
- Peel off backing and bond in backrest heating element starting at top.





2 Rear seat covers and padding

⇒ ["2.1 Assembly overview - cover and padding", page 215](#)

⇒ ["2.2 Removing and installing covers and padding", page 216](#)

2.1 Assembly overview - cover and padding

⇒ ["2.1.1 Assembly overview - cover and padding for bench seat", page 215](#)

⇒ ["2.1.2 Assembly overview - backrest cover and padding", page 216](#)

2.1.1 Assembly overview - cover and padding for bench seat

1 - Padding

- ☐ Allocation ⇒ Electronic parts catalogue
- ☐ Removing and installing
⇒ [page 216](#)

2 - Upholstery clip

- ☐ For attaching bench seat cover to bench seat cushion
- ☐ Renew after each removal

3 - Wire

- ☐ For attaching bench seat cover to bench seat cushion

4 - Shaped rail

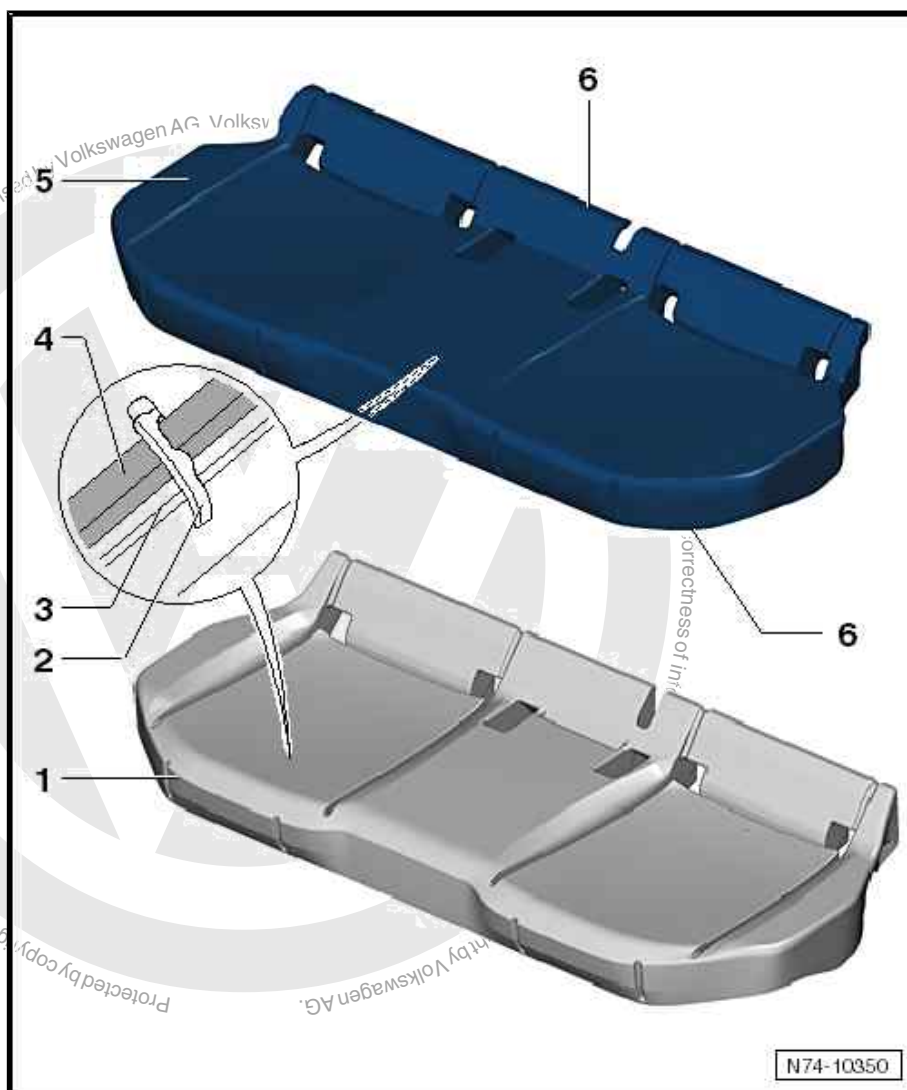
- ☐ Sewn to bench seat cover
- ☐ For attaching bench seat cover to bench seat cushion

5 - Seat cover

- ☐ Allocation ⇒ Electronic parts catalogue
- ☐ After installation, check that there are no creases in seat
- ☐ Removing and installing
⇒ [page 216](#)

6 - Shaped rail

- ☐ Sewn to bench seat cover
- ☐ For attaching bench seat cover to bench seat cushion





2.1.2 Assembly overview - backrest cover and padding



Note

The assembly overview refers to the 2/3 backrest on the right. The 1/3 backrest on the left is similar.

1 - Seat cover

- ☐ Allocation ➔ Electronic parts catalogue
- ☐ After installation, check that there are no creases in seat
- ☐ Removing and installing ➔ [page 220](#)

2 - Wire

- ☐ For attaching backrest cover to backrest cushion

3 - Shaped rail

- ☐ Sewn to backrest cover
- ☐ For attaching backrest cover to backrest cushion

4 - Upholstery clip

- ☐ For attaching backrest cover to backrest cushion
- ☐ Renew after each removal

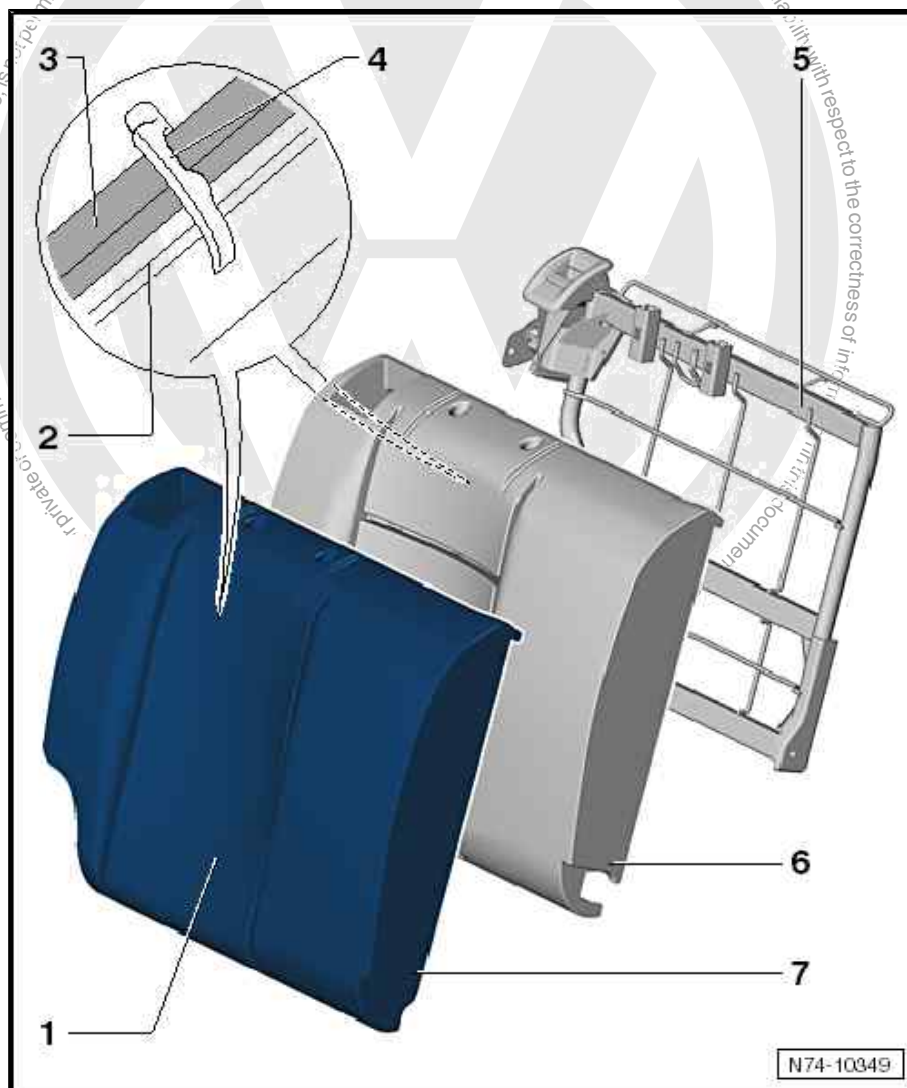
5 - Backrest frame

6 - Padding

- ☐ Allocation ➔ Electronic parts catalogue
- ☐ Removing and installing ➔ [page 220](#)

7 - Zipper

- ☐ Sewn to backrest cover
- ☐ Zip closer - 1S0.881.451-



2.2 Removing and installing covers and padding

⇒ ["2.2.1 Removing and installing bench seat cover and padding", page 216](#)

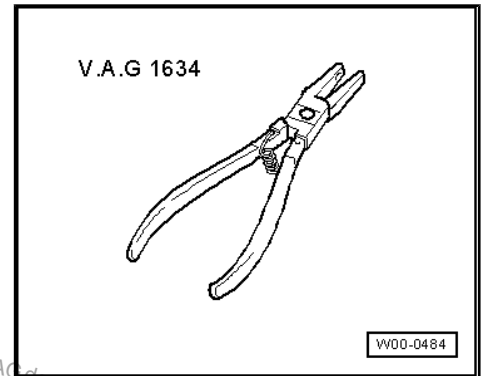
⇒ ["2.2.2 Removing and installing backrest cover and padding", page 220](#)

2.2.1 Removing and installing bench seat cover and padding

Special tools and workshop equipment required

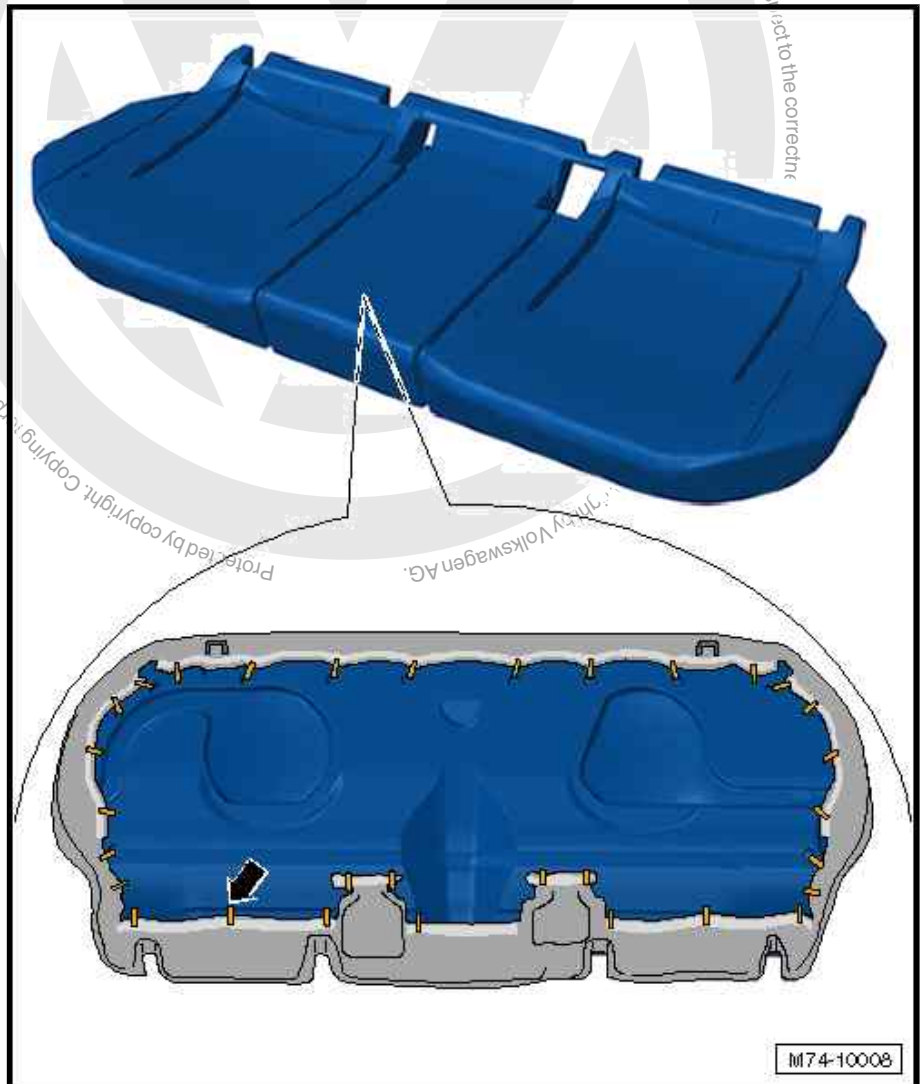


◆ Upholstery clip pliers - V.A.G 1634-



Removing

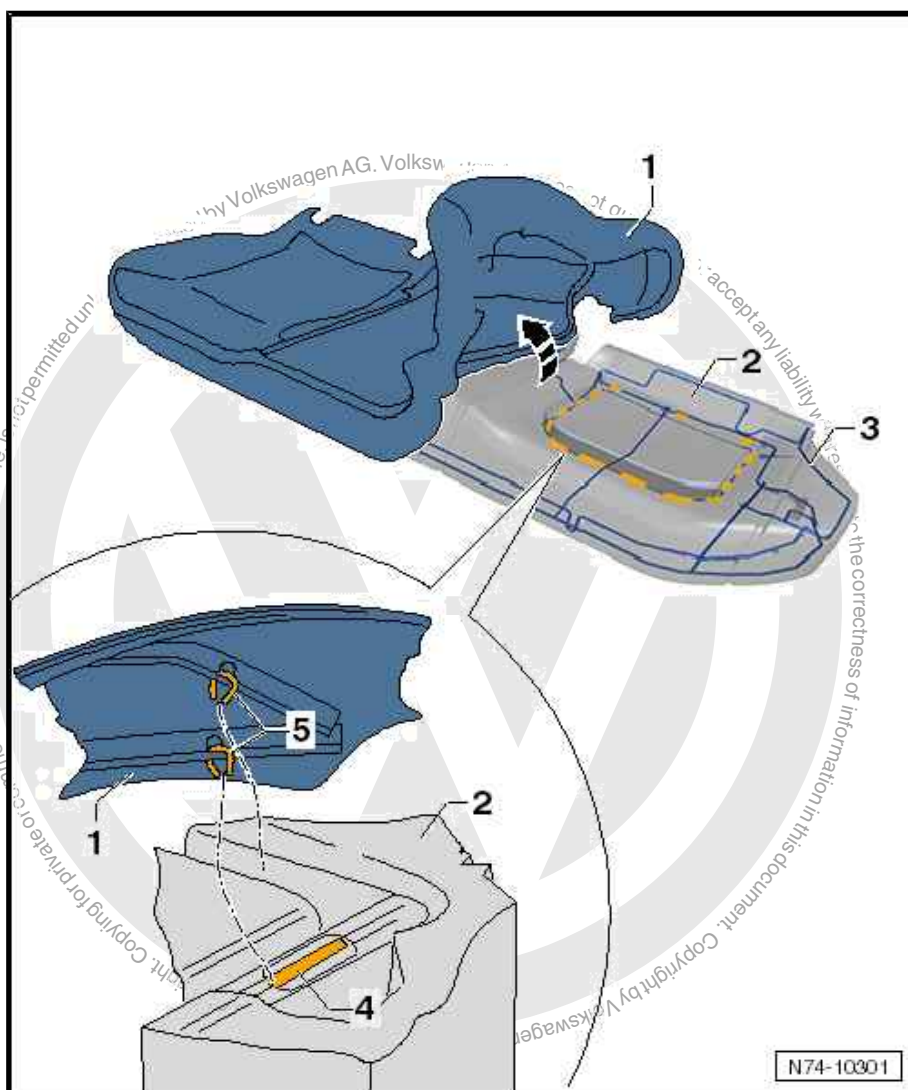
- Remove bench seat / single seats ➔ [page 193](#) .
- Detach all padding clips -arrow- all-round underside.
- Remove padding clips -arrow- on underside.
- Roll cover upwards.



- Fold over cover at the sides.



- Remove upholstery clips -5- of cover -1- from mountings in padding -4-.
- Remove cover -1- from cushion -2- in -direction of arrow-.



Installing

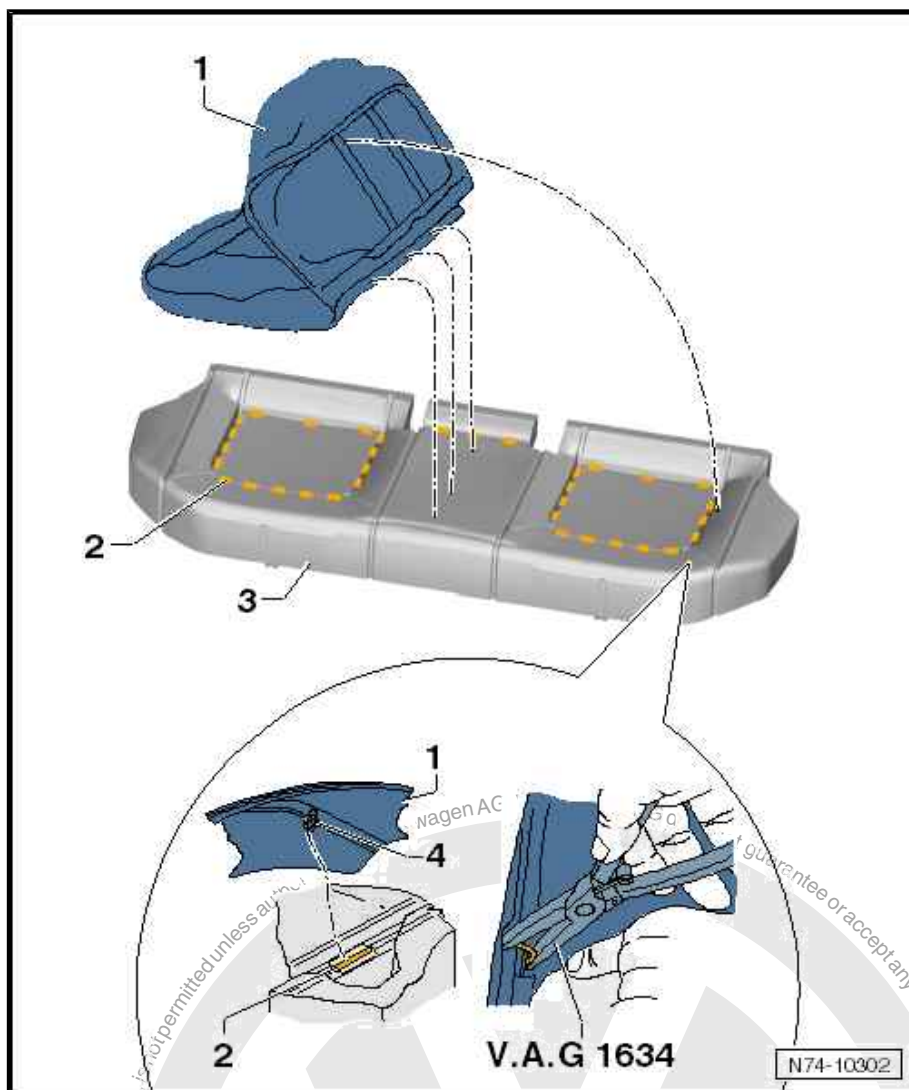


Note

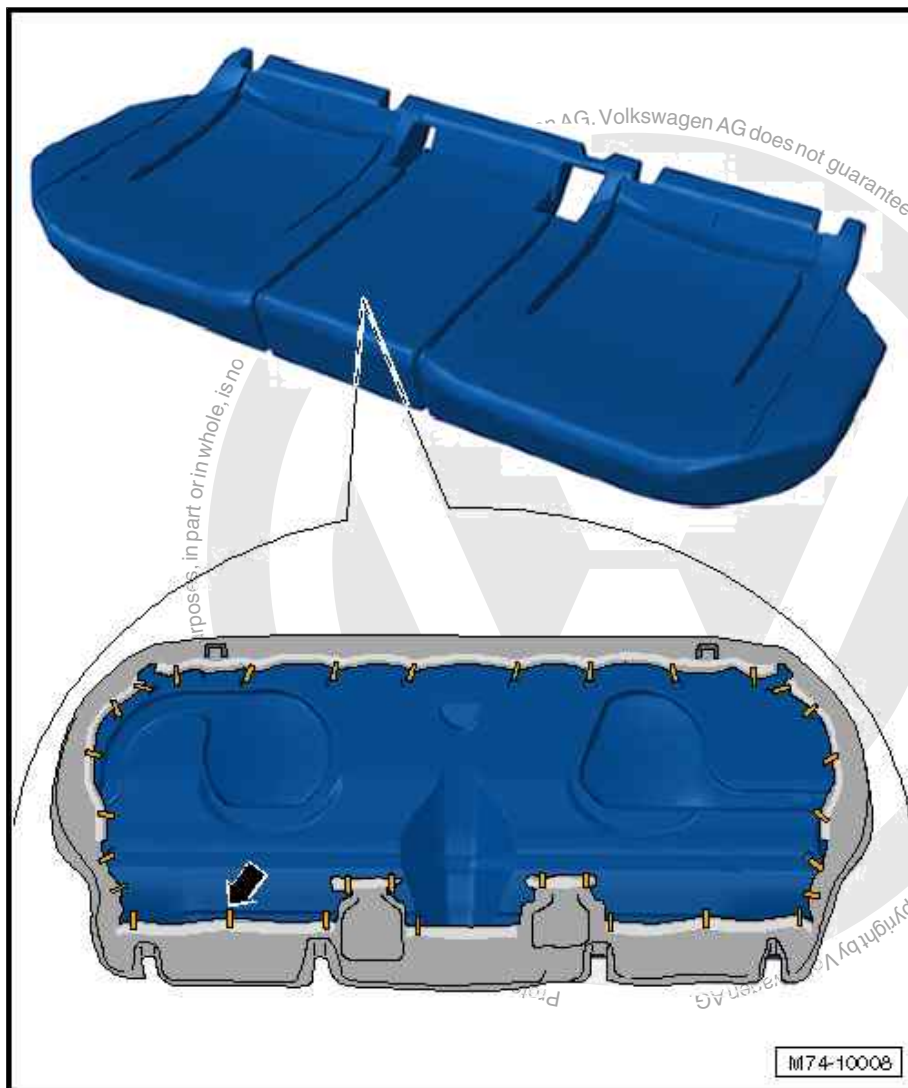
Before installing, check all fasteners for damage and renew if necessary.

Install in the reverse order of removal observing the following:

- Place cover -1- on padding -3-.
- Fasten cover -1- to padding -3- with new upholstery clips -4- at indicated positions -2- using upholstery clip pliers - V.A.G 1634- .
- Fold cover -1- at sides.



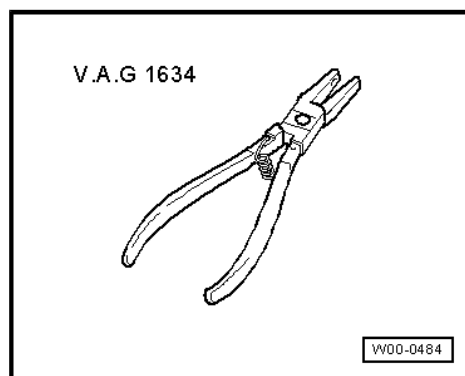
- Attach cover all around padding with new padding clips at the positions indicated -arrow-, using padding clip pliers - V.A.G 1634- .



2.2.2 Removing and installing backrest cover and padding

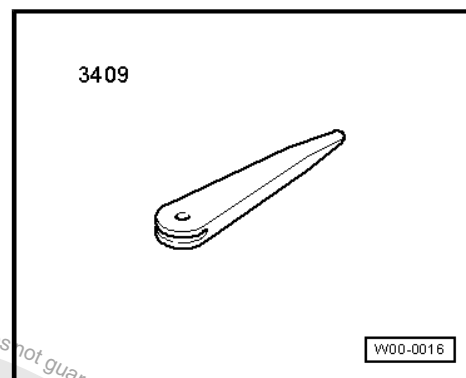
Special tools and workshop equipment required

- ◆ Upholstery clip pliers - V.A.G 1634-





◆ Removal wedge - 3409-



Zip closer - 1S0.881.451-



Note

Removal and installation are described for the split backrest. Removal and installation are analogous for the one-piece backrest.

Removing

- Remove rear seat backrest ➔ [page 197](#) .
- Remove head restraint ➔ [page 196](#) .
- Open zip all-round backside of backrest.
- Carefully ease cover over lashing eyes using removing wedge - 3409- .
- Fold over cover at the sides.
- Remove trim for locking mechanism ➔ [page 194](#) .
- Carefully guide cover and cushion over head restraint guides.
- Remove cover and padding from backrest frame.
- Remove padding clips -arrows- of cover from mountings in padding.
- Remove remaining padding clips.
- Remove cover.

Installing



Note

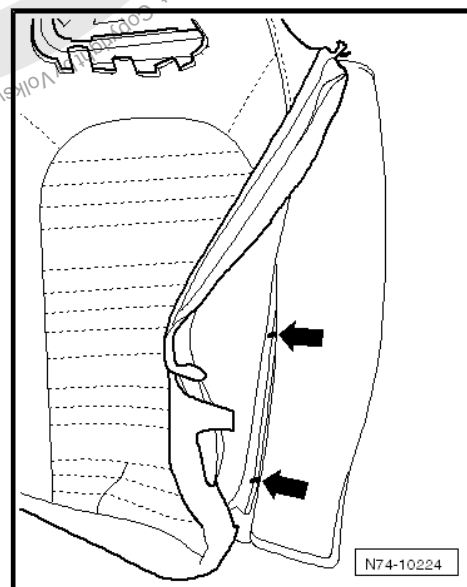
Before installing, check all fasteners for damage and renew if necessary.

Install in the reverse order of removal observing the following:



Note

- ◆ *Before installing the trims for locking mechanisms, ensure that the cover makes appropriate contact with backrest release mechanisms.*
- ◆ *Close zipper of backrest cover using zip closer - 1S0.881.451- .*





- Fasten cover -1- all around padding -2- with new upholstery clips -3- at indicated positions -4- using upholstery clip pliers - V.A.G 1634- .
- After installing padding and cover, check and make sure that the left and right trims for locking mechanisms -5- are completely engaged in backrest locking mechanisms.

