



Workshop Manual

e-up! 2014 ➤, e-up! 2017 ➤, e-up! 2020 ➤,
up! 2012 ➤, up! 2017 ➤, up! 2020 ➤

General body repairs, interior

Edition 10.2019



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.



Contents

00 - Technical data	1
1 Safety information	1
1.1 Safety measures when working with pyrotechnic components	1
1.2 Storage, transportation and disposal of airbag, belt tensioner and battery isolator units (pyrotechnic components)	2
1.3 Safety instructions for airbag	3
1.4 Additional safety regulations for side airbag	3
1.5 Additional safety instructions for curtain airbag	4
1.6 Seat belts	4
1.7 Safety regulations for crash sensors (pressure sensors) for front side airbags	4
1.8 Renewing pyrotechnic, electrical and mechanical components of the restraint system after an accident	5
1.9 Checking airbag securing parts after an accident	6
1.10 Accident without airbag triggering	7
1.11 Checking seat belts	7
1.12 Check belt webbing	7
1.13 Checking inertia reel (locking mechanism)	8
1.14 Visually checking belt buckle	9
1.15 Check operation of belt buckle	9
1.16 Checking belt relays, and buckle tongues	9
1.17 Checking securing parts and anchorage points after an accident	10
1.18 Checking child seat anchors after an accident	10
2 Repair instructions	11
2.1 Contact corrosion	11
2.2 Routing and attachment of lines	11
68 - Interior equipment	12
1 Compartments/covers	12
1.1 Overview of fitting locations - storage compartments/covers	12
1.2 Assembly overview - driver side dash panel cover	13
1.3 Assembly overview - steering column trim	14
1.4 Assembly overview - glove compartment	15
1.5 Assembly overview - handbrake lever boot	16
1.6 Removing and installing dash panel cover on driver side	17
1.7 Removing and installing dash panel insert trim	18
1.8 Removing and installing upper steering column trim	19
1.9 Removing and installing lower steering column trim	20
1.10 Removing and installing glove compartment opener	21
1.11 Removing and installing glove compartment	22
1.12 Removing and installing dash panel cover on front passenger side	24
1.13 Removing and installing damper element for glove compartment lid	25
1.14 Removing and installing handbrake lever boot	25
2 Equipment	27
2.1 Assembly overview - net partition	27
2.2 Assembly overview - sun visors	28
2.3 Removing and installing net partition	28
2.4 Removing and installing sun visor	29
2.5 Removing and installing sun visor centre mount	31
2.6 Removing and installing roof grab handle	32
3 Centre console	34
3.1 Assembly overview - centre console	34
3.2 Removing and installing front ashtray	34
3.3 Removing and installing centre console	35



3.4	Removing and installing centre console decorative strip	38
3.5	Removing and installing centre console bracket	40
4	Interior mirror	43
4.1	Assembly overview - interior mirror	43
4.2	Removing and installing interior mirror	47
69	Passenger protection	57
1	Seat belts	57
1.1	Overview of fitting locations - seat belts and anchorage points	57
1.2	Removing and installing front three-point seat belt	59
1.3	Removing and installing front belt end fitting	64
1.4	Removing and installing front belt guide	65
1.5	Removing and installing front belt buckle	66
1.6	Removing and installing rear three-point seat belt	68
1.7	Removing and installing rear outer belt end fitting	71
1.8	Removing and installing rear belt buckle	72
2	Airbag system	74
2.1	Overview of fitting locations - airbag system	74
3	Airbag control unit	75
3.1	Assembly overview - airbag control unit	75
3.2	Removing and installing airbag control unit J234	75
4	Driver's airbag	78
4.1	Assembly overview - driver side airbag	78
4.2	Removing and installing airbag unit with igniter	78
5	Front passenger side airbag	83
5.1	Assembly overview - front passenger side airbag	83
5.2	Removing and installing front passenger side airbag unit with igniter	83
5.3	Removing and installing key-operated switch to deactivate front passenger side airbag ..	86
6	Side airbags	88
6.1	Assembly overview - front side airbag	88
6.2	Removing and installing front side airbag with igniter	88
7	Curtain airbags	91
7.1	Assembly overview - curtain airbag	91
7.2	Removing and installing curtain airbag with igniter	91
8	Airbag crash sensors	96
8.1	Overview of fitting locations - airbag crash sensors	96
8.2	Removing and installing front airbag crash sensor, driver side G283	98
8.3	Removing and installing front side airbag crash sensor G179/G180	100
8.4	Removing and installing rear side airbag crash sensor G256/G257	106
9	Seat belt verification	109
9.1	Removing and installing Seat occupied sensor, front passenger side G128	109
10	Seat occupied recognition	114
10.1	Removing and installing seat occupied recognition	114
70	Trim, insulation	115
1	Front door trims	115
1.1	Assembly overview - front door trim	115
1.2	Removing and installing front door trim	117
1.3	Removing and installing mirror cover trim	121
2	Rear door trims	123
2.1	Assembly overview - rear door trim	123
2.2	Removing and installing rear door trim	124
3	Dash panel	131
3.1	Assembly overview - dash panel	131



3.2	Removing and installing dash panel end cover	131
3.3	Removing and installing radio/navigation system mounting frame	132
3.4	Removing and installing dash panel	135
4	Central tube for dash panel	144
4.1	Assembly overview - central tube for dash panel	144
4.2	Removing and installing central tube for dash panel	145
5	Interior trims	149
5.1	Overview of fitting locations - interior trims	149
5.2	Assembly overview - sill panel moulding	150
5.3	Assembly overview - A-pillar trim	151
5.4	Assembly overview - B-pillar trim	152
5.5	Assembly overview - C-pillar trim	155
5.6	Removing and installing sill panel moulding	158
5.7	Removing and installing A-pillar trim	162
5.8	Removing and installing B-pillar trim	165
5.9	Removing and installing C-pillar trim	171
5.10	Removing and installing side trim	178
5.11	Removing and installing foot rest	179
5.12	Removing and installing floor covering	180
5.13	Removing and installing rear shelf	183
6	Luggage compartment trims	185
6.1	Overview of fitting locations - luggage compartment trims	185
6.2	Assembly overview - luggage compartment side trim	187
6.3	Removing and installing lower rear lid trim	189
6.4	Removing and installing luggage compartment side trim	191
6.5	Removing and installing luggage compartment floor	195
6.6	Removing and installing lock carrier trim	198
6.7	Removing and installing support for luggage compartment floor	200
6.8	Removing and installing loading aid frame	201
7	Roof trims	203
7.1	Overview of fitting locations - roof trim	203
7.2	Assembly overview - moulded headliner	204
7.3	Removing and installing moulded headlining	205
7.4	Installing roof reinforcement to body	211
72	Seat frames	214
1	Overview of seat variants	214
1.1	Overview of fitting locations - seat variants	214
2	Front seats	215
2.1	Assembly overview - front seat	215
2.2	Assembly overview - front backrest	216
2.3	Assembly overview - seat pan	217
2.4	Removing and installing front seat	219
2.5	Connecting and disconnecting airbag adapter	229
2.6	Removing and installing backrest release mechanism	231
2.7	Removing and installing handle for seat height adjustment	233
2.8	Removing and handle for installing backrest adjustment	233
2.9	Removing and installing seat height adjustment unit	235
2.10	Removing and installing front backrest	236
3	Rear seats	240
3.1	Assembly overview - bench seat / individual seats	240
3.2	Assembly overview - rear seat backrest	240
3.3	Removing and installing bench seat / individual seats	241
3.4	Removing and installing trim for locking mechanism	242
3.5	Removing and installing lock cylinder	244



3.6	Removing and installing head restraint	245
3.7	Removing and installing head restraint guide	245
3.8	Removing and installing rear seat backrest	246
74	Seat - padding, covers	250
1	Front seat covers and padding	250
1.1	Assembly overview - cover and padding for seat pan	250
1.2	Assembly overview - cover and padding for backrest	251
1.3	Assembly overview - seat heating element	252
1.4	Removing and installing cover and padding for seat pan	253
1.5	Removing and installing backrest cover and backrest padding	256
1.6	Removing and installing seat heating element Z6/Z8	260
1.7	Removing and installing backrest heating element Z7/Z9	262
2	Rear seat covers and padding	264
2.1	Assembly overview - cover and padding	264
2.2	Removing and installing covers and padding	265



00 – Technical data

1 Safety information

(VRL013274; Edition 10.2019)

⇒ m1.1 easures when working with pyrotechnic components", page 1 .

⇒ t1.2 ransportation and disposal of airbag, belt tensioner and battery isolator units (pyrotechnic components)", page 2 .

⇒ i1.3 nstructions for airbag", page 3

⇒ s1.4 afety regulations for side airbag", page 3

⇒ s1.5 afety instructions for curtain airbag", page 4

⇒ b1.6 elts", page 4

⇒ r1.7 egulations for crash sensors (pressure sensors) for front side airbags", page 4

⇒ p1.8 yrotechnic, electrical and mechanical components of the restraint system after an accident", page 5

⇒ a1.9 irbag securing parts after an accident", page 6

⇒ w1.10 ithout airbag triggering", page 7

⇒ s1.11 eat belts", page 7

⇒ b1.12 elt webbing", page 7

⇒ i1.13 ertia reel (locking mechanism)", page 8

⇒ c1.14 hecking belt buckle", page 9

⇒ o1.15 peration of belt buckle", page 9

⇒ b1.16 elt relays, and buckle tongues", page 9

⇒ s1.17 ecurring parts and anchorage points after an accident", page 10

⇒ c1.18 hild seat anchors after an accident", page 10

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 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 instructions after connection of battery ⇒ Electrical system; Rep. gr. 27.
- ◆ Before handling pyrotechnic components of the restraint system, for example before separating an electrical connection, the mechanic must electrostatically discharge himself/herself. Electrostatic discharge is achieved by touching earthed metallic parts, such as the door striker plate.
- ◆ 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.



WARNING

Risk of injury from accidental ignition of pyrotechnic components.

- **Handle deployed pyrotechnic components the same as unignited pyrotechnic components.**
- **Observe specifications for storage, transport and disposal.**

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 Additional safety instructions for curtain airbag

- ◆ Inspect trims for damage prior to installing them.
- ◆ Always renew damaged pillar trims; never repair.
- ◆ Ensure proper seating of trims when installing them.
- ◆ When performing repair work behind the curtain airbag, always remove the entire module.
- ◆ To prevent any potential damage during removal and installation, curtain airbags must be handled with extreme caution.
- ◆ Place removed curtain airbag modules in packaging or on a clean, flat surface on a cover.
- ◆ After body repairs in vicinity of curtain airbag, check body for weld spray droplets, deformations and areas of chafing (compare with opposite side).
- ◆ Until the gas generator is screwed in place, always hold gas generator firmly when handling (transportation, removal and installation etc.).
- ◆ Never twist, kink, throw, shake, pull, hang, squeeze, press, pinch or clamp any curtain airbag modules.
- ◆ Folding is acceptable as long as no damage is caused (in particular to the protective sleeve).

1.6 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 mechanic 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!

1.7 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. Observe the following:

- ◆ 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. Observe the following:

- ◆ 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.

1.8 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 tunnel 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 folding 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 7](#).*
- 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.

1.9 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.

1.10 Accident without airbag triggering

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

1.11 Checking seat belts



Note

Systematically inspect the seat belt system after any accident. If damage is determined when inspecting the check points, the customer must be informed that a seat belt change is necessary.

Points to check

- ◆ Check belt webbing ⇒ [page 7](#) .
- ◆ Check inertia reel (locking mechanism) ⇒ [page 8](#) .
- ◆ Visually check belt buckle ⇒ [page 9](#) .
- ◆ Check operation of belt buckle ⇒ [page 9](#) .
- ◆ Check belt guide fittings and latch plates ⇒ [page 9](#) .
- ◆ Check securing parts and anchorage points ⇒ [page 10](#) .



Note

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

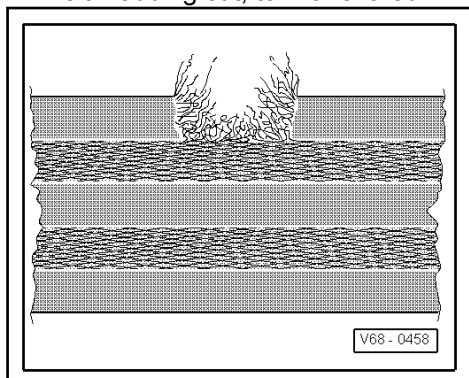
1.12 Check belt webbing

Sequence of operations

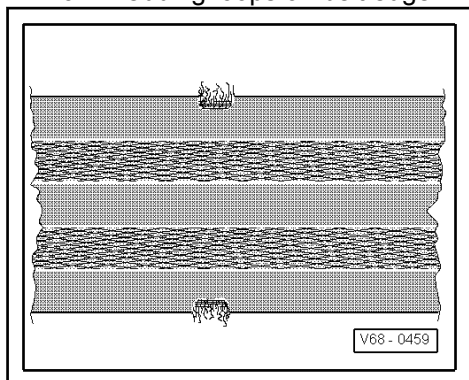
- Pull belt completely out of inertia reel or lap belt adjustment plate.
- Check belt webbing for soiling, and if necessary wash with a mild soapy solution ⇒ Owner's Manual.
- If either of the types of damage illustrated below (1 and 2) are determined on accident vehicle, renew entire seat belt together with belt buckle.



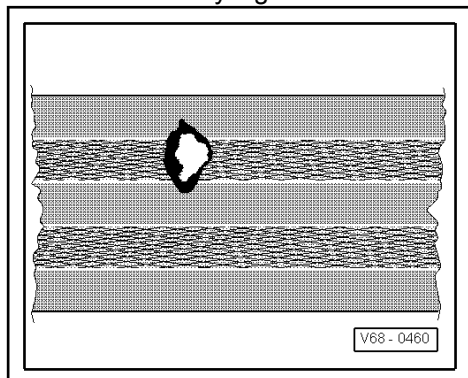
- If damage as illustrated under points 1, 2 or 3 is determined on a vehicle which has not been involved in an accident, it is sufficient to renew damaged belt only.
- 1 - Belt webbing cut, torn or chafed.



- 2 - Torn webbing loops on belt edge.



- 3 - Burns caused by cigarettes or similar.



1.13 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

CAUTION

Risk of injury to other traffic users.

- **Select a stretch of road free of traffic and perform belt inertia reel check.**

- 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.

1.14 Visually checking belt buckle

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

1.15 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.



Note

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

1.16 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.



1.17 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.

1.18 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.



2 Repair instructions

⇒ [c2.1 orrosion", page 11](#)

⇒ [a2.2 nd attachment of lines", page 11](#)

2.1 Contact corrosion

Contact corrosion can occur if unsuitable fastening elements (screws, bolts, nuts, washers, etc.) are used.

For this reason, only connecting elements with a special surface coating have been fitted.

Rubber, plastic and adhesives are made of non-conductive materials.

If in doubt as to whether parts can be reused, use new parts
⇒ Electronic parts catalogue.

Note the following:

- ◆ The use of genuine replacement parts is recommended. These have been tested and are compatible with aluminium.
- ◆ The use of VW genuine accessories is recommended.
- ◆ Damage resulting from contact corrosion is not covered by the warranty.

2.2 Routing and attachment of lines

If hydraulic, pneumatic or electrical wires are to be disconnected or removed and then reinstalled, make drawings or take photos. This guarantees that everything is re-installed in its original position.

Risk of damage to lines

Lines may become damaged by moving or hot components.

- Route lines in their original positions.
- Make sure there is sufficient clearance between the lines as well as moving and hot components.



68 – Interior equipment

1 Compartments/covers

⇒ [o1.1 fitting locations - storage compartments/covers", page 12](#)

⇒ [o1.2 overview - driver side dash panel cover", page 13](#)

⇒ [o1.3 overview - steering column trim", page 14](#)

⇒ [o1.4 overview - glove compartment", page 15](#)

⇒ [o1.5 overview - handbrake lever boot", page 16](#)

⇒ [a1.6 nd installing dash panel cover on driver side", page 17](#)

⇒ [a1.7 nd installing dash panel insert trim", page 18](#)

⇒ [a1.8 nd installing upper steering column trim", page 19](#)

⇒ [a1.9 nd installing lower steering column trim", page 20](#)

⇒ [a1.10 nd installing glove compartment opener", page 21](#)

⇒ [a1.11 nd installing glove compartment", page 22](#)

⇒ [a1.12 nd installing dash panel cover on front passenger side", page 24](#)

⇒ [a1.13 nd installing damper element for glove compartment lid", page 25](#)

⇒ [a1.14 nd installing handbrake lever boot", page 25](#)

1.1 Overview of fitting locations - storage compartments/covers



1 - Dash panel

- ☐ Dash panel ➤ [page 131](#)

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 24](#)

3 - Centre console

- ☐ Centre console ➤ [page 34](#)

4 - Handbrake lever trim

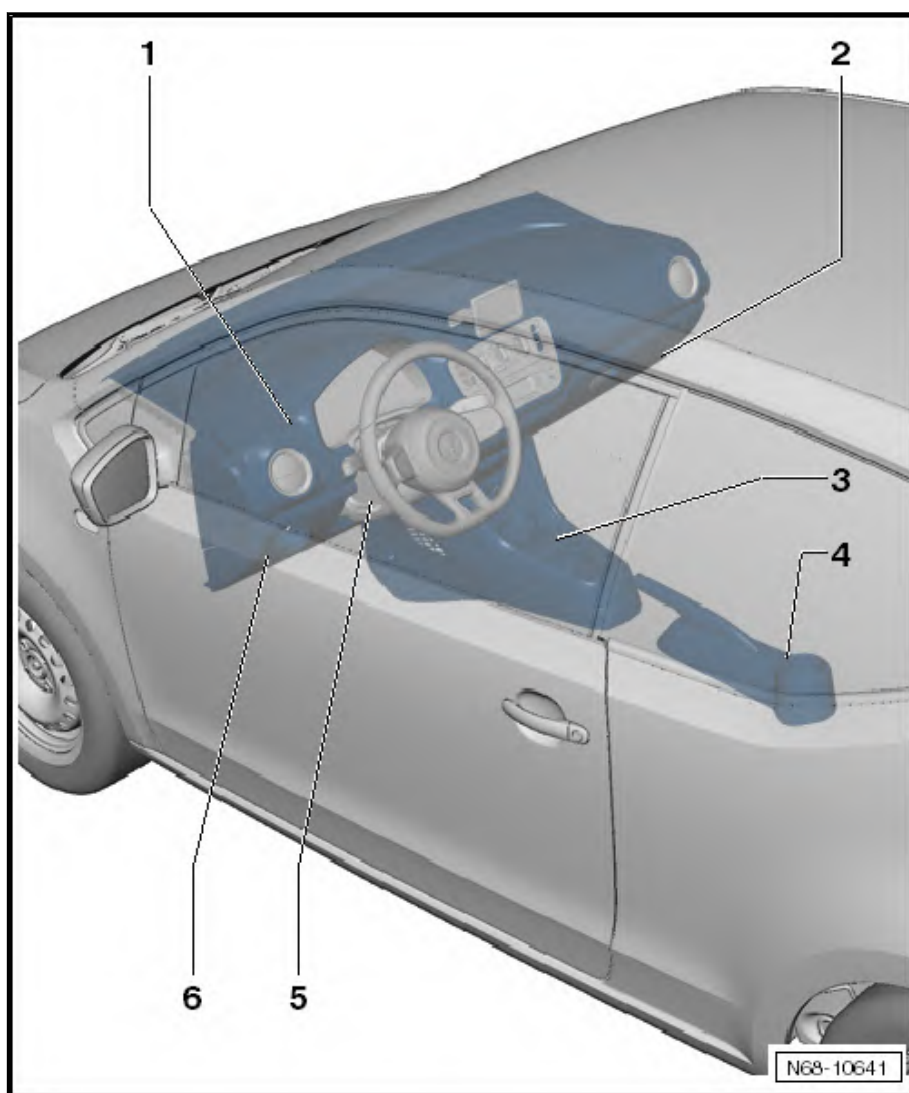
- ☐ Assembly overview - handbrake lever trim ➤ [page 16](#)

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



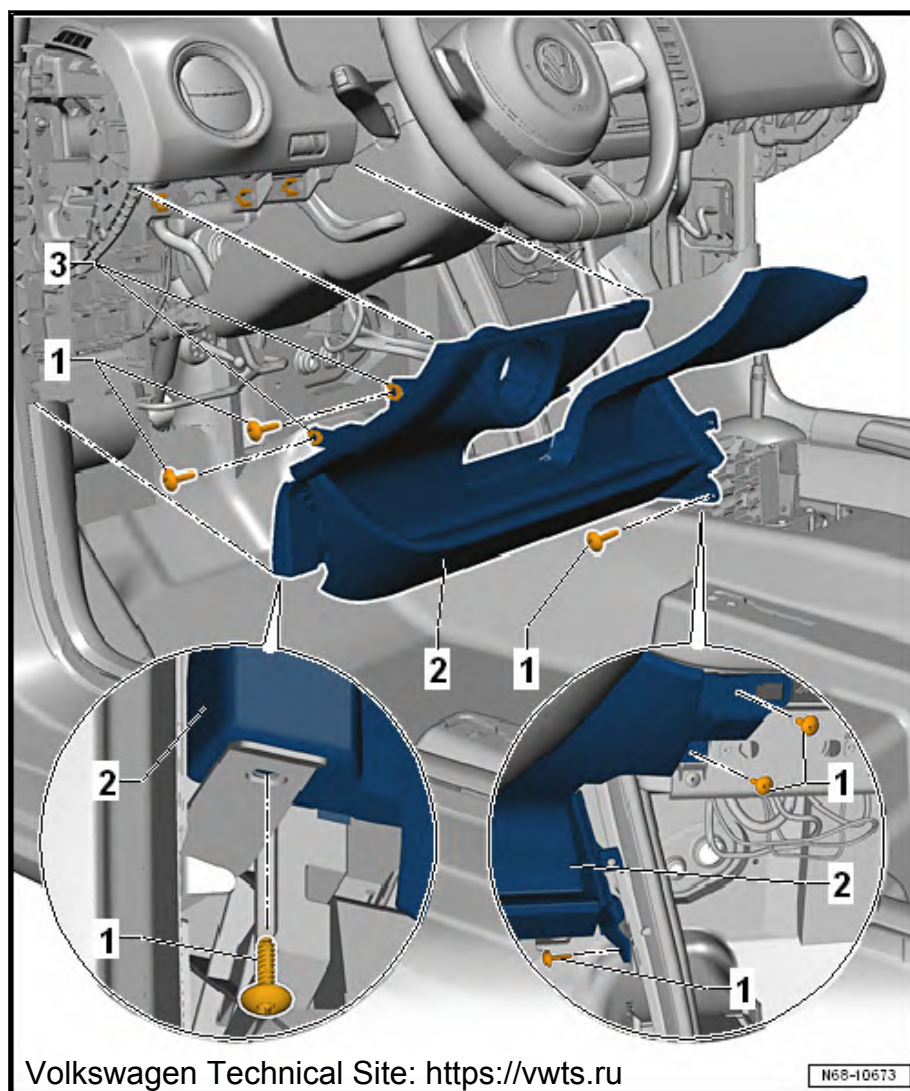
1 - Bolt

- ☐ Qty. 6
- ☐ 1.5 Nm

2 - Driver side dash panel cover

- ☐ With or without storage compartment (depending on vehicle equipment)
- ☐ Removing and installing ➔ [page 17](#)

3 - Snap-on nut



1.3 Assembly overview - steering column trim

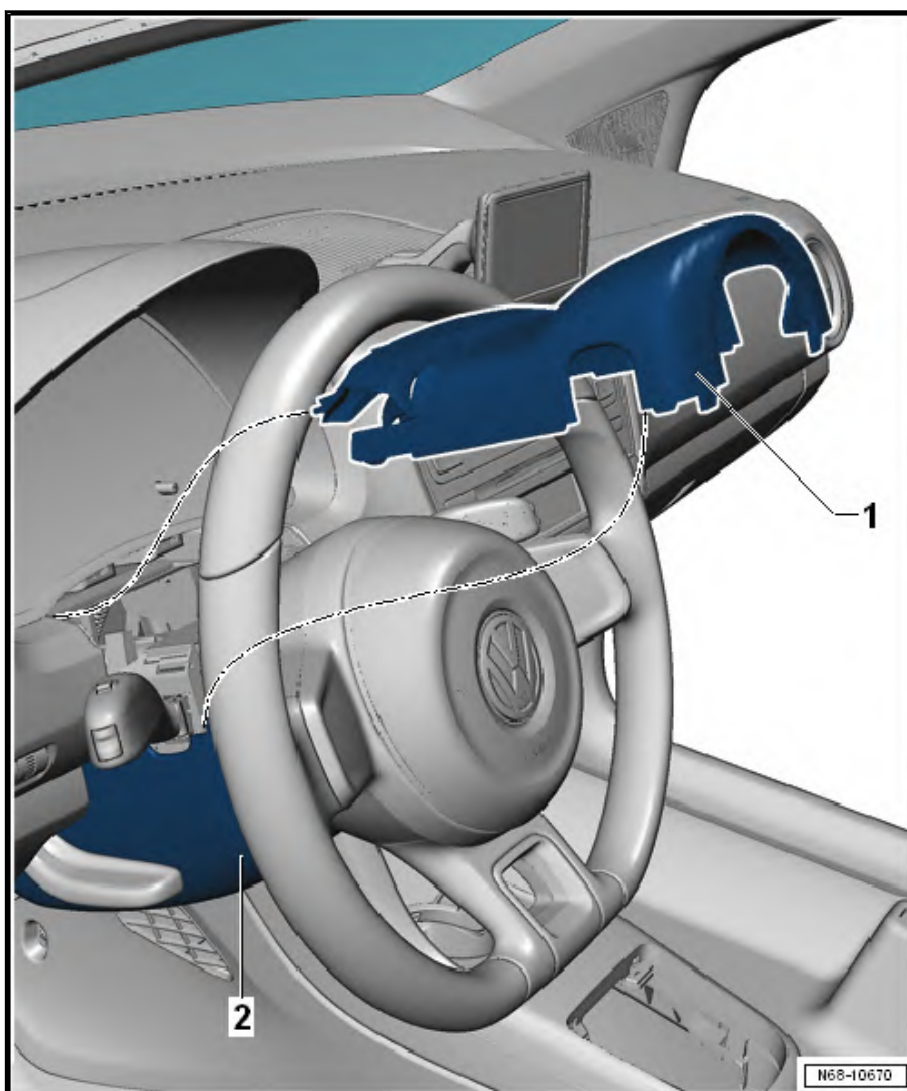


1 - Upper steering column trim

- ☐ Removing and installing ➔ [page 19](#)
- ☐ With gap cover for dash panel insert
- ☐ Releasing and fastening gap cover for dash panel insert ➔ [page 18](#)

2 - Lower steering column trim

- ☐ Removing and installing ➔ [page 20](#)



1.4 Assembly overview - glove compartment



1 - Glove compartment

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

2 - Glove compartment cover brake element

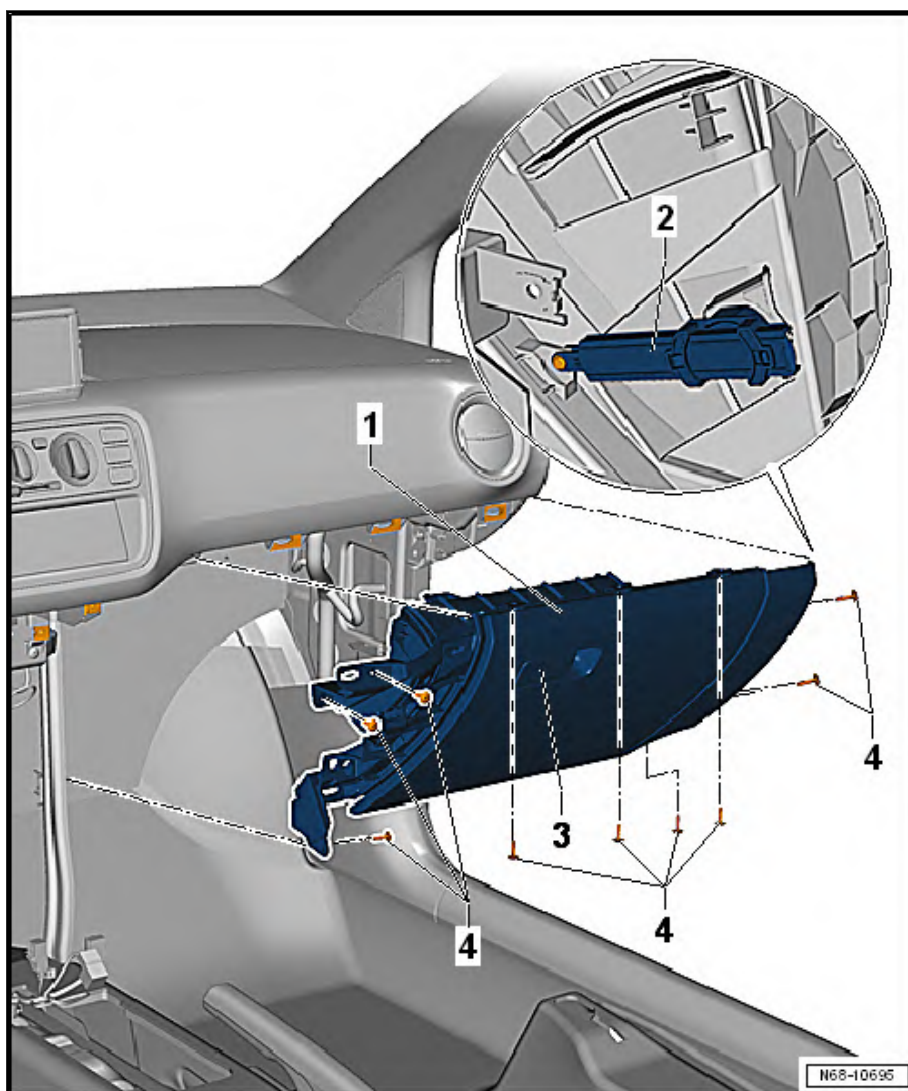
- ❑ Removing and installing ➤ [page 25](#)

3 - Glove compartment opener

- ❑ Removing and installing ➤ [page 21](#)

4 - Bolt

- ❑ Qty. 9
- ❑ 1.5 Nm



1.5 Assembly overview - handbrake lever boot



1 - Cover

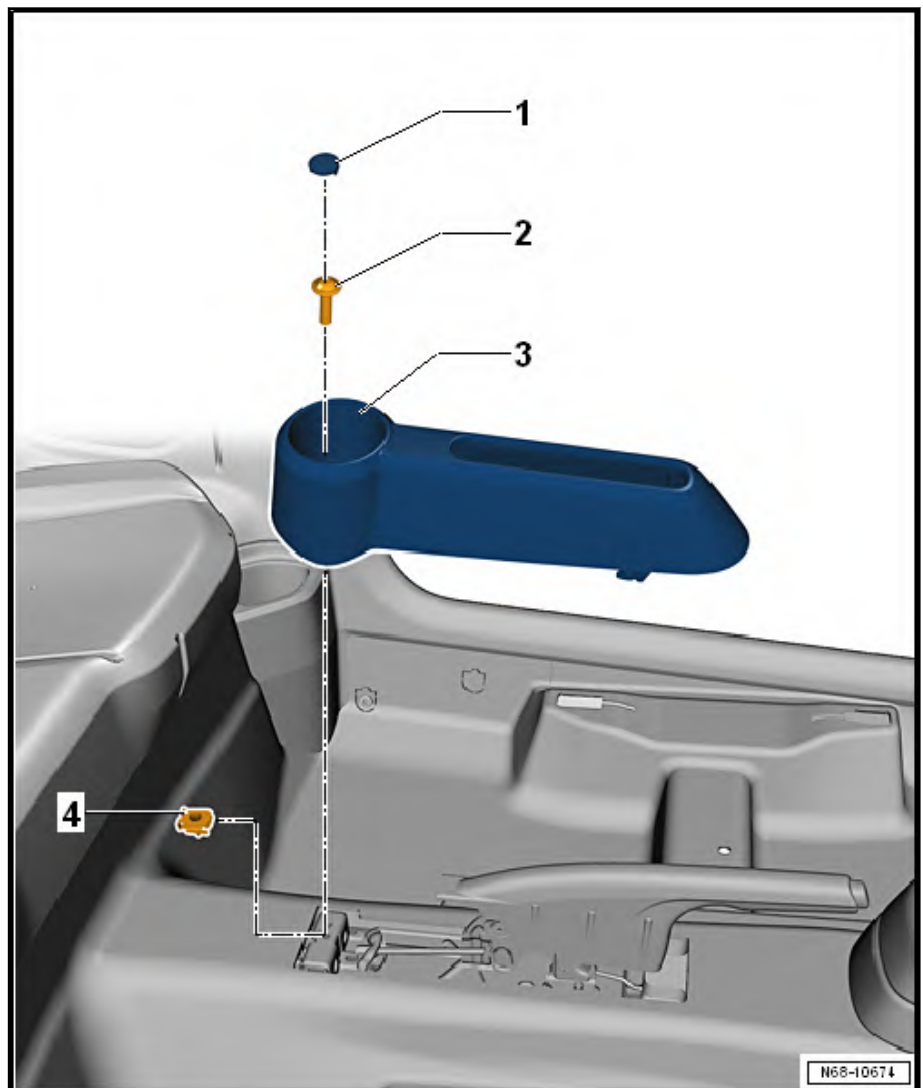
2 - Bolt

□ 1.5 Nm

3 - Handbrake lever trim

□ Removing and installing ➤ [page 25](#)

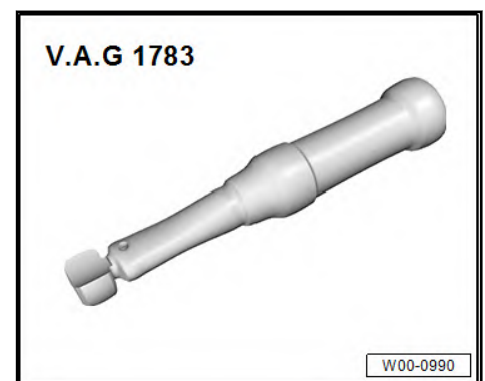
4 - Snap-on nut



1.6 Removing and installing dash panel cover on driver side

Special tools and workshop equipment required

◆ Torque wrench -V.A.G 1783-

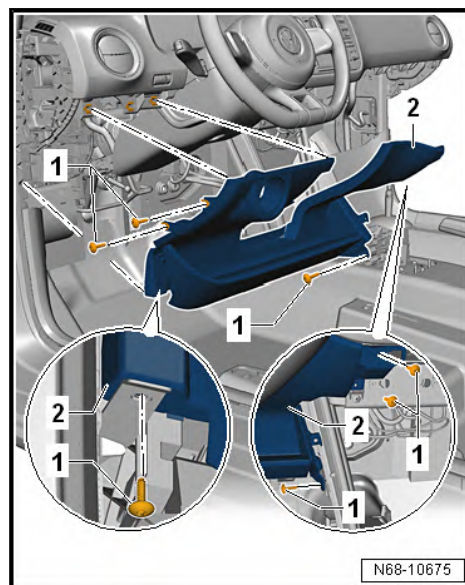


Removing

– Remove dash panel end cover on driver side ➤ [page 131](#) .



- Remove light switch -E1- ⇒ Electrical system; Rep. gr. 96; Lights and controls in dash panel; Removing and installing light switch.
- Remove centre console ⇒ [page 35](#) .
- Remove lower A-pillar trim on driver side ⇒ [page 163](#) .
- 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, 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 reverse order of removal, observing the following:

Torque settings

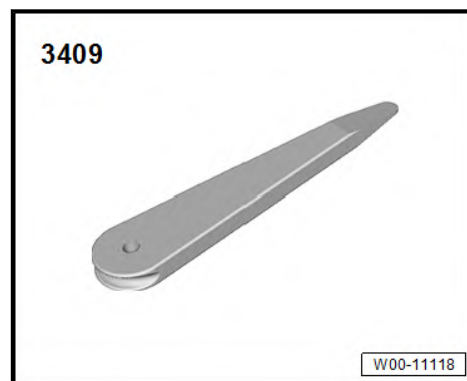
- ♦ Bolts ⇒ [o1.2 verview - driver side dash panel cover", page 13](#)

1.7 Removing and installing dash panel insert trim

Special tools and workshop equipment required

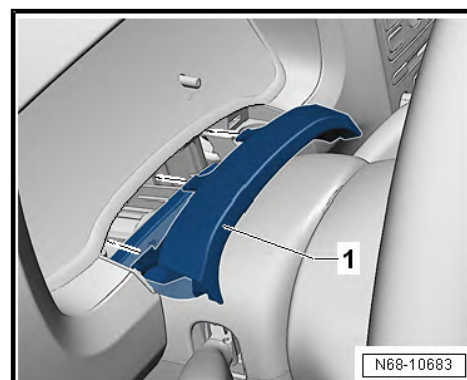


◆ Removal wedge -3409-



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

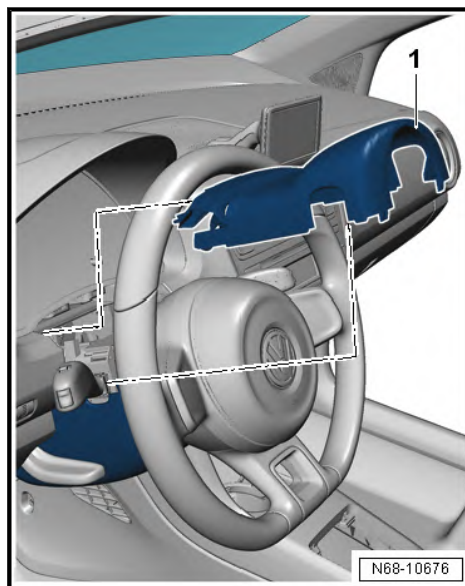
Before installing, check all fasteners for damage and renew if necessary.

Install in reverse order of removal.

1.8 Removing and installing upper steering column trim

Removing

- Release gap cover for dash panel insert ➔ [page 18](#) .
- Release and remove upper steering column trim -1- with gap cover for dash panel insert.



Installing



Note

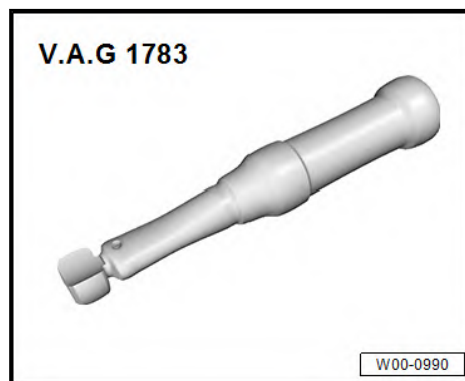
Before installing, check all fasteners for damage and renew if necessary.

Install in reverse order of removal.

1.9 Removing and installing lower steering column trim

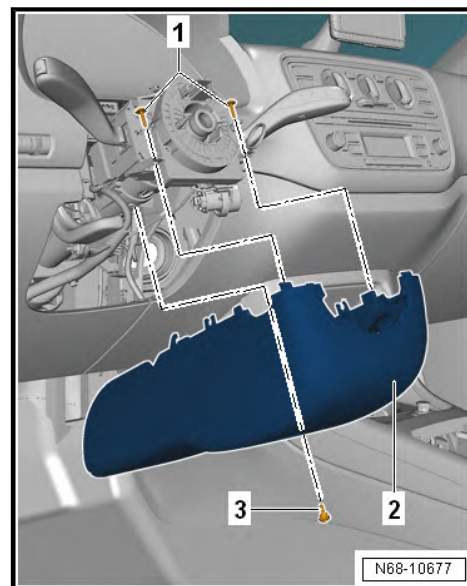
Special tools and workshop equipment required

- ◆ Torque wrench -V.A.G 1783-



Removing

- Remove upper steering column trim ➔ [page 19](#) .
- Remove airbag unit with igniter ➔ [page 78](#) .
- 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-.



- Unscrew bolt -3- from lower steering column trim -2-.
- 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.

Install in reverse order of removal, observing the following:

Torque settings

Component	Torque setting
Bolts -1-	1.5 Nm
Bolt -3-	3 Nm

1.10 Removing and installing glove compartment opener



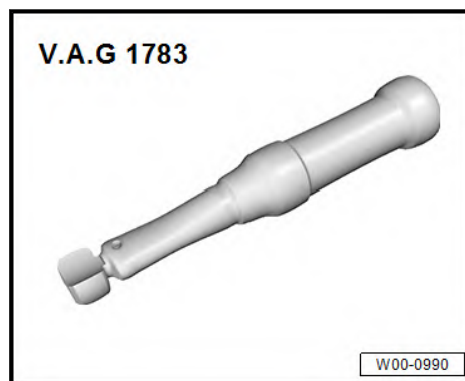
Note

- ◆ *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

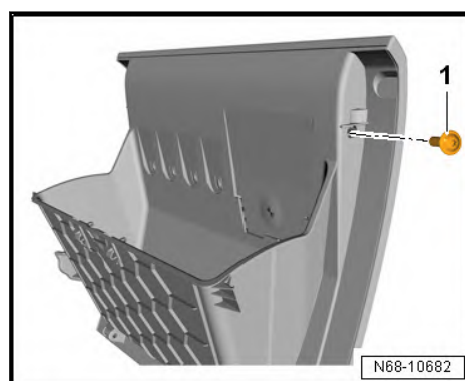


- ◆ Torque wrench -V.A.G 1783-

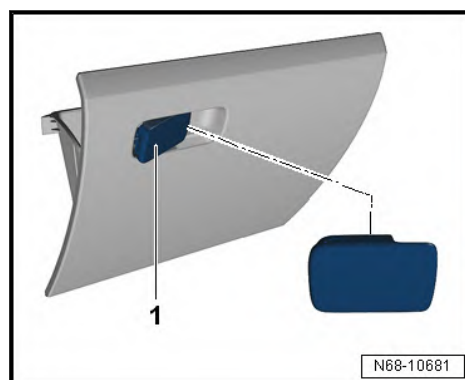


Removing

- Open glove compartment.



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



Installing

Install in reverse order of removal, observing the following:

Torque settings

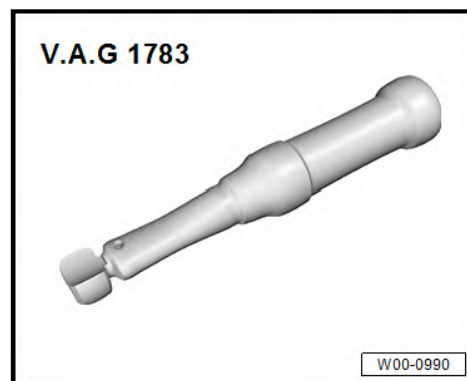
Component	Torque setting
Bolt	1.5 Nm

1.11 Removing and installing glove compartment

Special tools and workshop equipment required

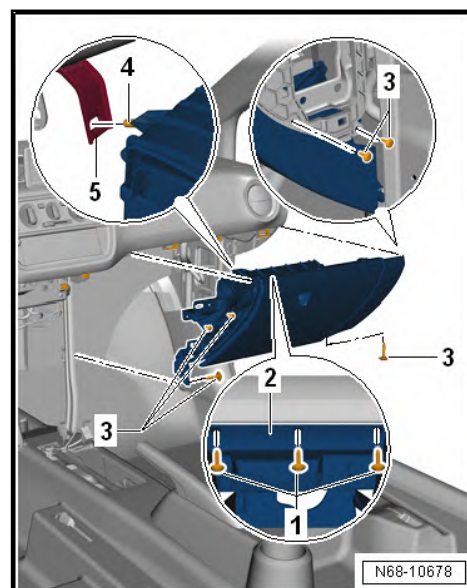


- ◆ Torque wrench -V.A.G 1783-



Removing

- Remove centre console ➤ [page 35](#) .
- Remove dash panel end cover on front passenger side ➤ [page 131](#) .
- Remove lower A-pillar trim on front passenger side ➤ [page 164](#) .
- Open glove compartment lid and unscrew bolts -1-, then close glove compartment lid.



- Unscrew remaining bolts -3-.
- Release and remove glove compartment -2- from dash panel.

Installing

If for an e-up! 2014➤ the glove compartment is renewed, 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-.

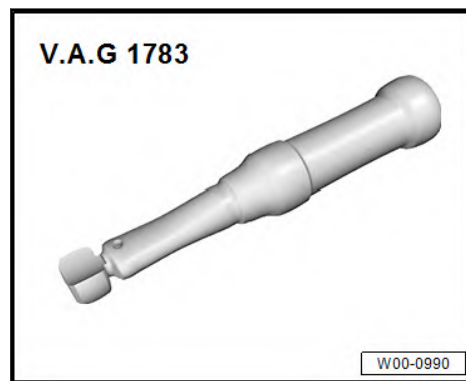
Torque settings

- ◆ Bolts ➔ [o1.4 verview - glove compartment", page 15](#)

1.12 Removing and installing dash panel cover on front passenger side

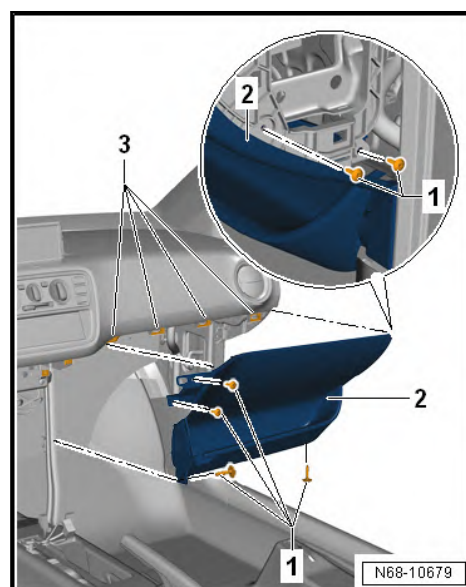
Special tools and workshop equipment required

- ◆ Torque wrench -V.A.G 1783-



Removing

- Remove centre console ➔ [page 35](#) .
- Remove dash panel end cover on front passenger side ➔ [page 131](#) .
- Remove lower A-pillar trim on front passenger side ➔ [page 164](#) .
- Unscrew bolts -1-.



- 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 front passenger side is renewed, 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.

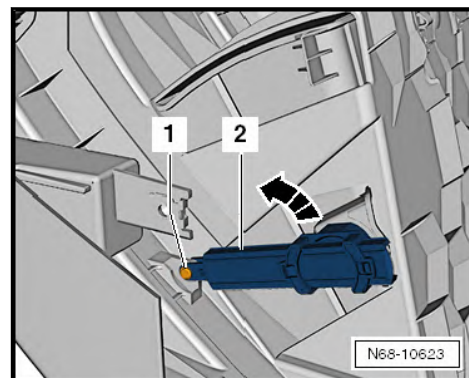
Torque settings

Component	Torque setting
Bolts	1.5 Nm

1.13 Removing and installing damper element for glove compartment lid

Removing

- Remove glove compartment ➤ [page 22](#) .
- 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.

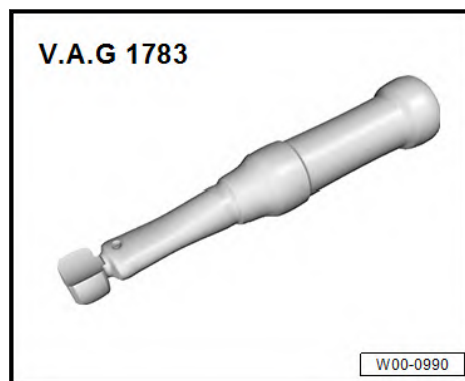
Install in reverse order of removal.

1.14 Removing and installing handbrake lever boot

Special tools and workshop equipment required



- ◆ Torque wrench -V.A.G 1783-

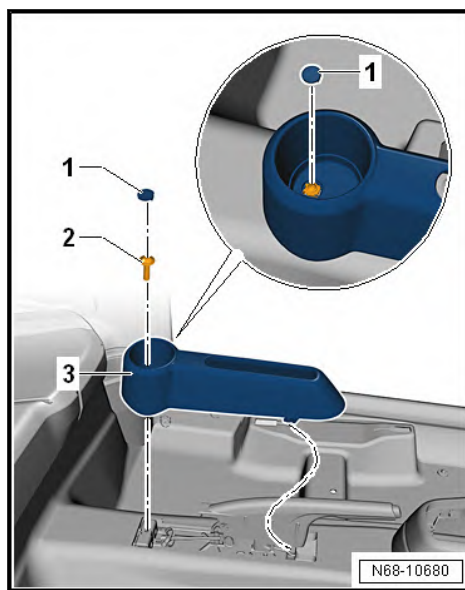


Note

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



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

⇒ [o2.1 verview – net partition”, page 27](#)

⇒ [o2.2 verview - sun visors”, page 28](#)

⇒ [a2.3 nd installing net partition”, page 28](#)

⇒ [a2.4 nd installing sun visor”, page 29](#)

⇒ [a2.5 nd installing sun visor centre mount”, page 31](#)

⇒ [a2.6 nd installing roof grab handle”, page 32](#)

2.1 Assembly overview – net partition

⇒ [o2.1.1 verview – net partition, load-up!”, page 27](#)

2.1.1 Assembly overview – net partition, load-up!

1 - Moulded headliner bracket

- Qty. 2

2 - Partition panel

- Removing and installing ⇒ [page 28](#)

3 - Bolt

- Qty. 2
- 20 Nm

4 - Bolt

- Qty. 2
- 17 Nm

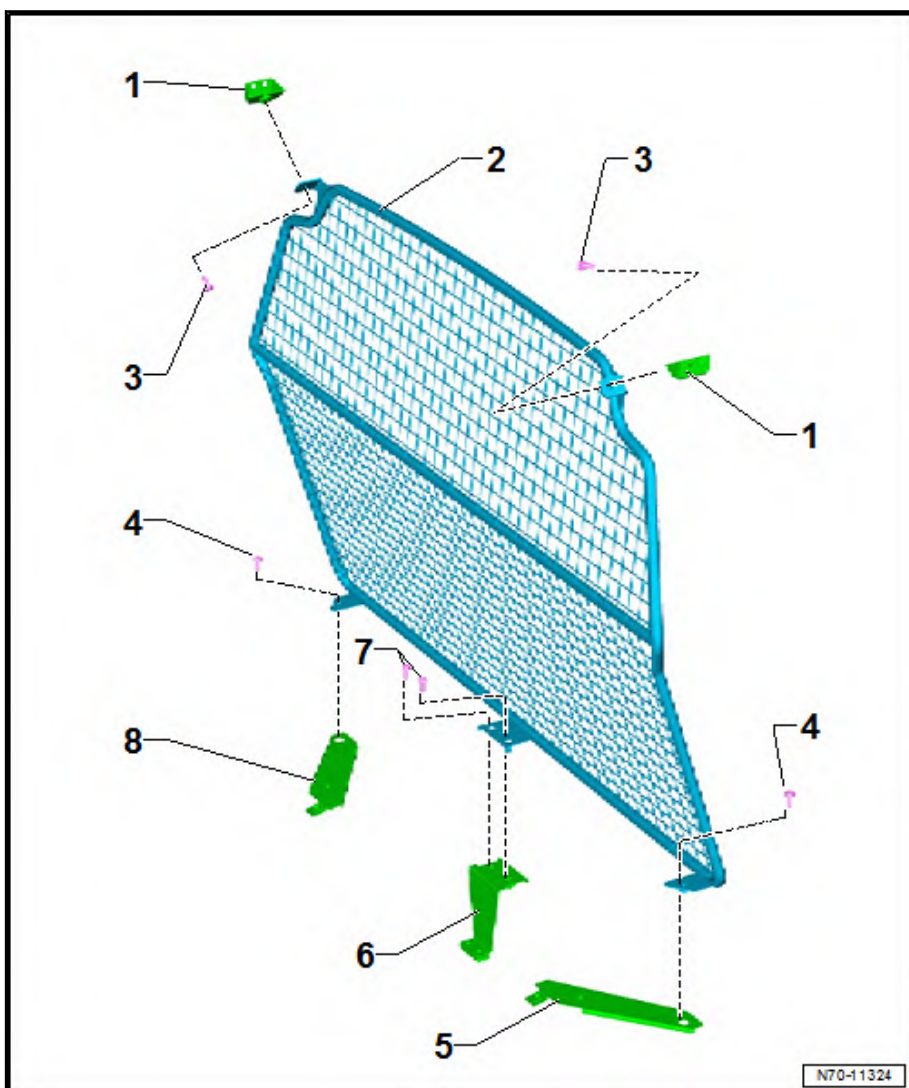
5 - Right bracket for partition panel

6 - Floor bracket for partition panel

7 - Bolt

- Qty. 2
- 10 Nm

8 - Left bracket for partition panel





2.2 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 29](#)

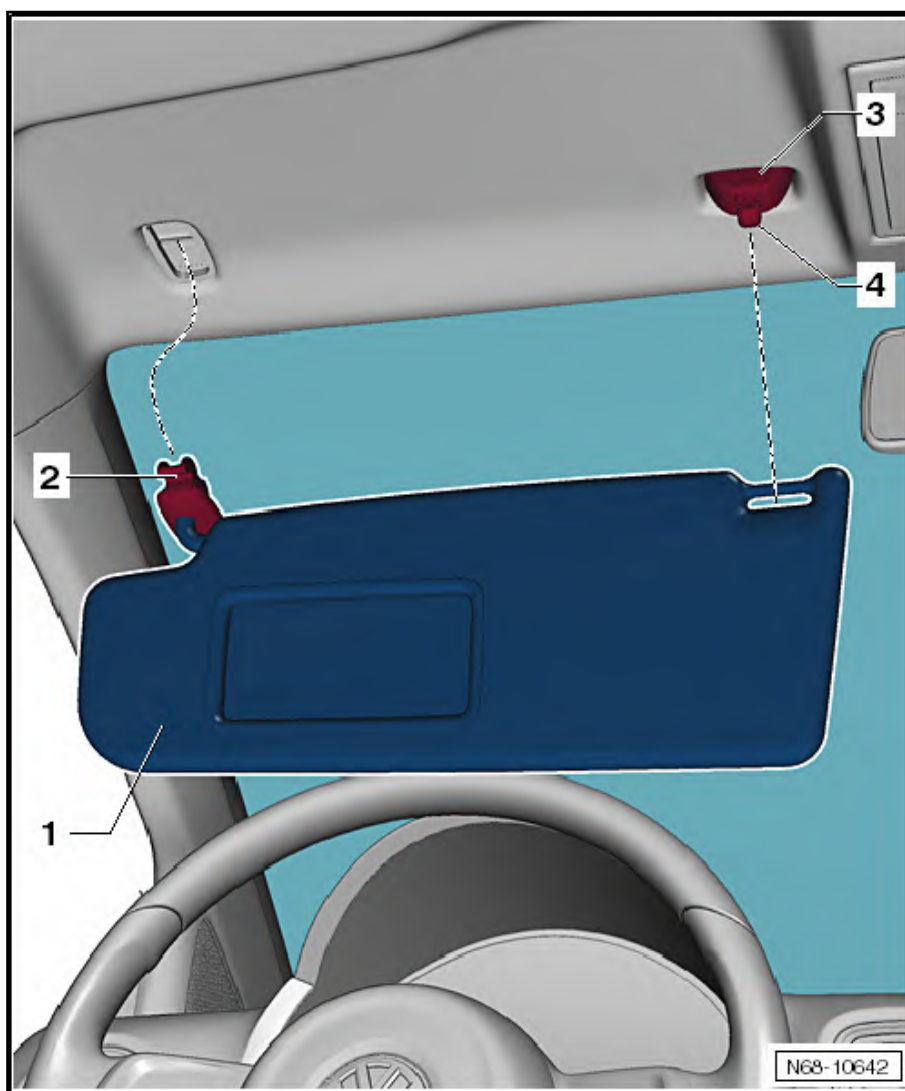
2 - Sun visor mount

- ❑ With cover/locking mechanism

3 - Cover

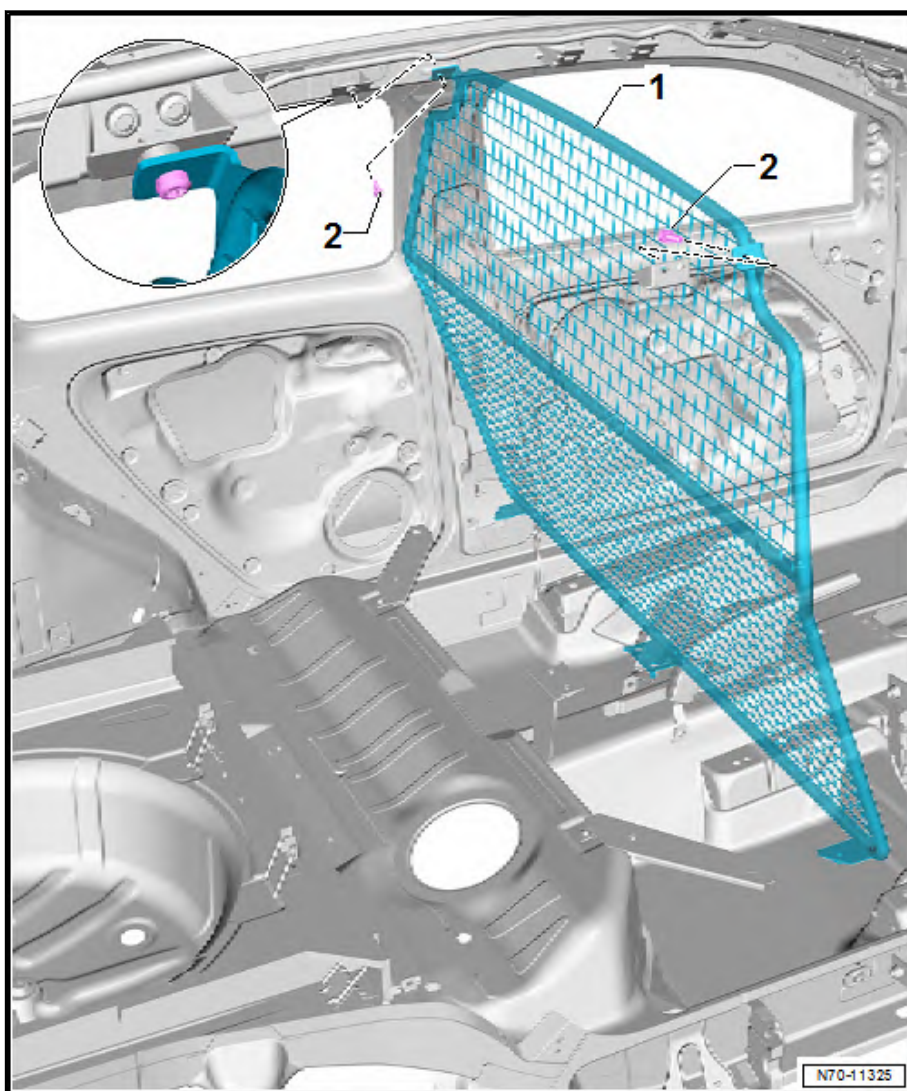
4 - Sun visor centre mount

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



2.3 Removing and installing net partition

Removing



- Remove luggage compartment floor ➤ [page 196](#) .
- 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.

Install in reverse order of removal, observing the following:

Torque settings

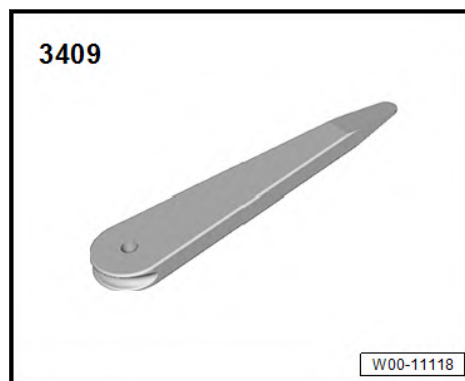
- ◆ ➤ [o2.1 verview – net partition”, page 27](#)

2.4 Removing and installing sun visor

Special tools and workshop equipment required



◆ Removal wedge -3409-

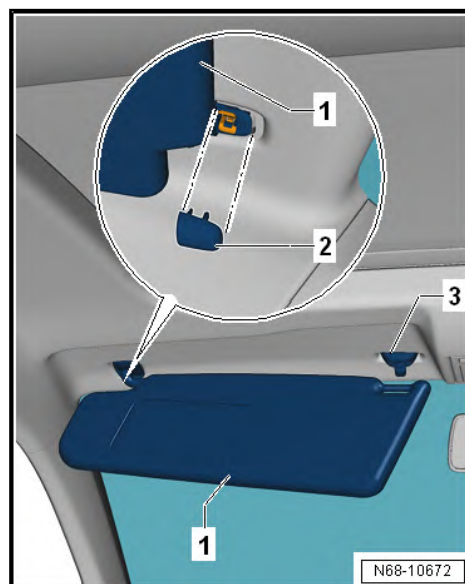


Note

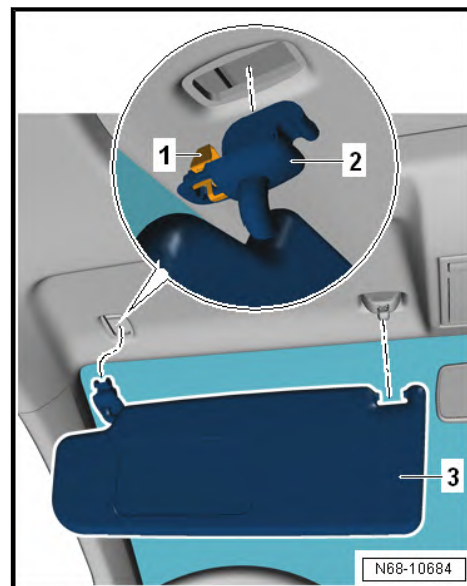
Removal and installation is described for the driver side. Follow same instructions for the front passenger side as appropriate.

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

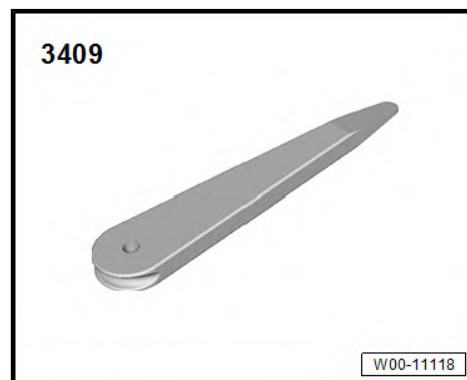
Before installing, check all fasteners for damage and renew if necessary.

Install in reverse order of removal.

2.5 Removing and installing sun visor centre mount

Special tools and workshop equipment required

- ◆ Removal wedge -3409-

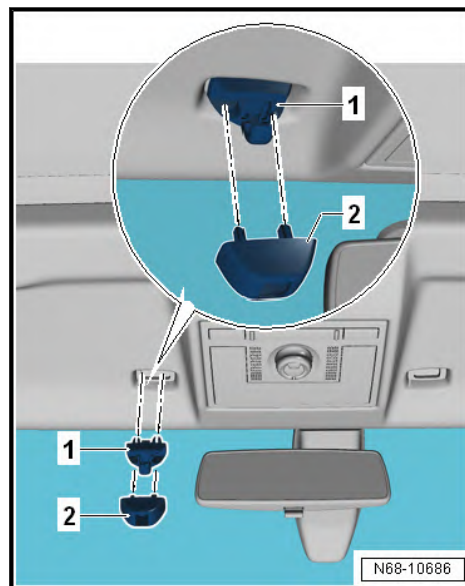


Note

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.

Install in reverse order of removal.

2.6 Removing and installing roof grab handle

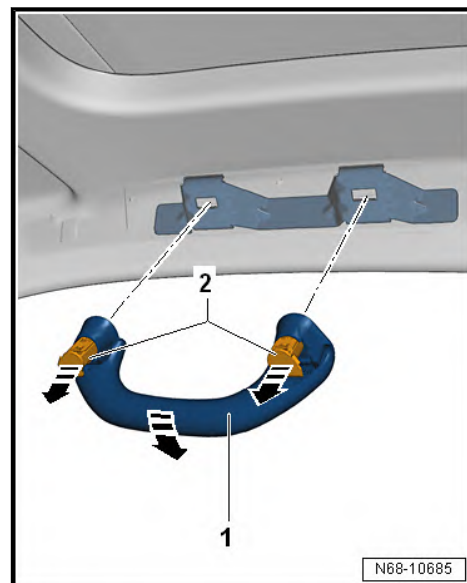
Special tools and workshop equipment required

- ◆ 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.

i Note

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

Installing

i Note

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

Install in reverse order of removal.



3 Centre console

⇒ [o3.1 verview - centre console", page 34](#)

⇒ [a3.2 nd installing front ashtray", page 34](#)

⇒ [a3.3 nd installing centre console", page 35](#)

⇒ [a3.4 nd installing centre console decorative strip", page 38](#)

⇒ [a3.5 nd installing centre console bracket", page 40](#)

3.1 Assembly overview - centre console

1 - Centre console, upper part

- ❑ Removing and installing ⇒ [page 35](#)

2 - Centre console, lower part

- ❑ Removing and installing ⇒ [page 37](#)

3 - Front ashtray

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

4 - Switch module 1 in centre console -EX23-

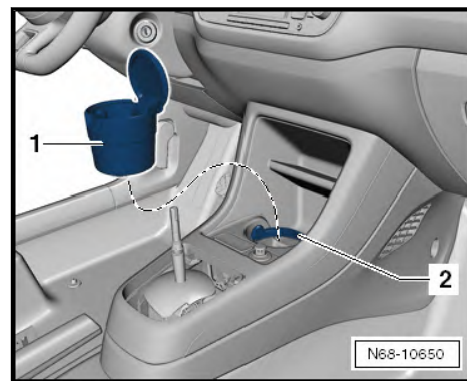
- ❑ Removing and installing ⇒ Electrical system; Rep. gr. 96; Lights and controls in centre console



3.2 Removing and installing front ashtray

Removing

- Remove front ashtray -1- from centre console.



Installing

Install in reverse order of removal, observing the following:



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

⇒ [a3.3.1 nd installing centre console upper part", page 35](#)

⇒ [a3.3.2 nd installing lower part of centre console", page 37](#)

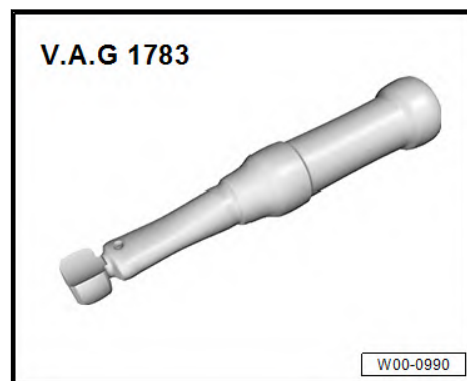
3.3.1 Removing and installing centre console upper part

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 38](#) .
- Position handbrake lever in uppermost position.

Vehicles with 5-speed manual gearbox 0CF

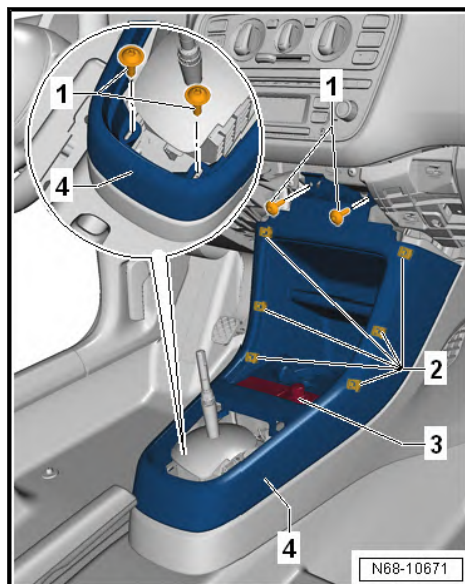
- Release boot of gear knob from upper part of centre console using removal wedge -3409- and pull it upwards ➔ 5-speed manual gearbox 0CF; Rep. gr. 34; Selector mechanism.

Vehicles with automated 5-speed manual gearbox 0CT ➤2017

- Remove selector mechanism cover ➔ Installed automated 5-speed manual gearbox 0CT; Rep. gr. 34; Selector mechanism.

Continued for all vehicles

- Unscrew bolts -1-.



- 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 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-.

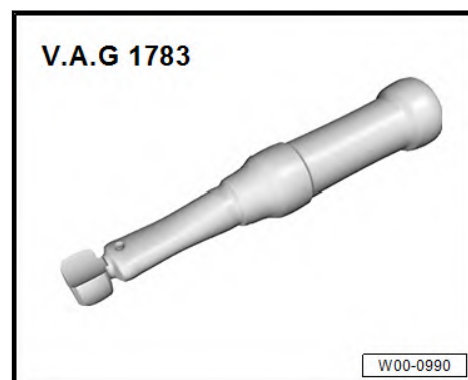
Torque settings

Component	Torque setting
Bolts	1.5 Nm

3.3.2 Removing and installing lower part of centre console

Special tools and workshop equipment required

- ◆ Torque wrench -V.A.G 1783-

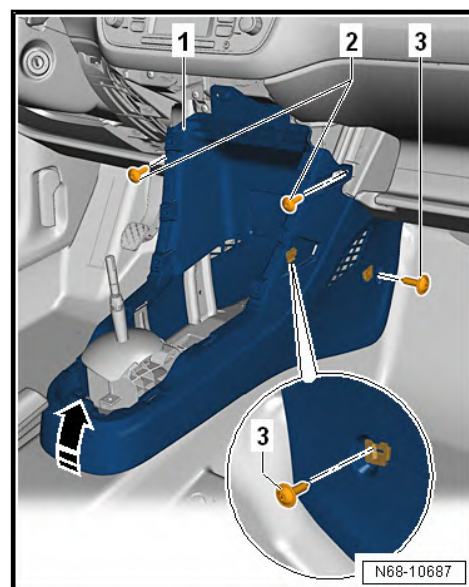


Removing

- Remove upper part of centre console ➔ [page 35](#).
- Position handbrake lever in uppermost position.

Vehicles without glove compartment

- Unscrew bolts -2-.



Continued for all vehicles

- Unscrew bolt -3- on left and right.
- 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 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 reverse order of removal, observing the following:

Torque settings

Component	Torque setting
Bolts	1.5 Nm

3.4 Removing and installing centre console decorative strip

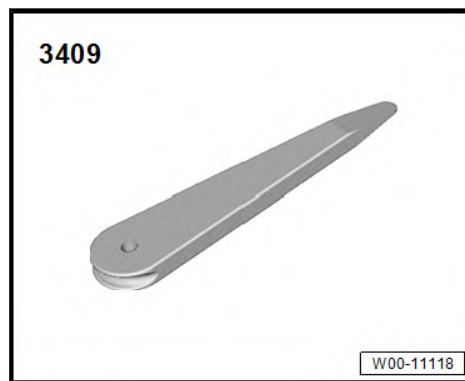
⇒ [a3.4.1 nd installing centre console decorative strip, vehicles without glove compartment", page 38](#)

⇒ [a3.4.2 nd installing centre console decorative strip, vehicles with glove compartment", page 39](#)

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

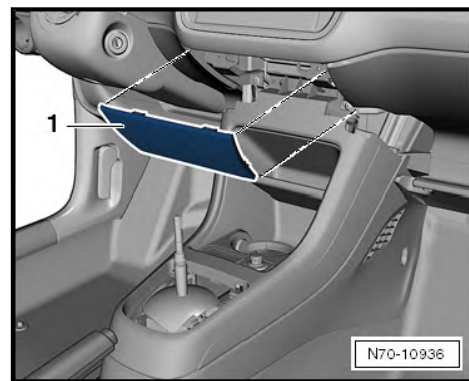
Special tools and workshop equipment required

- ◆ 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

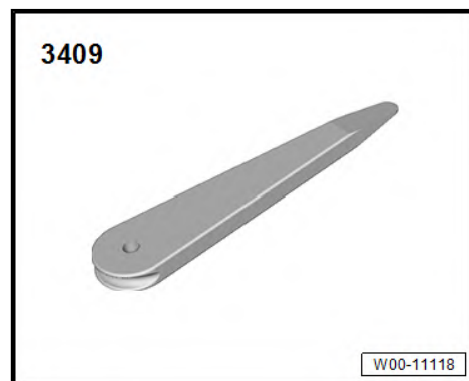
Before installing, check all fasteners for damage and renew if necessary.

Install in reverse order of removal.

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

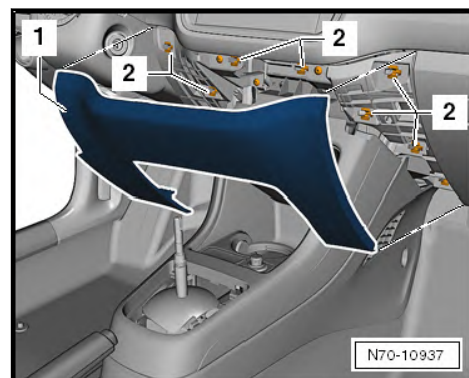
Special tools and workshop equipment required

- ◆ 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.

Install in reverse order of removal.

3.5 Removing and installing centre console bracket

⇒ [o3.5.1 verview - centre console bracket", page 40](#)

⇒ [a3.5.2 nd installing centre console bracket, middle", page 41](#)

⇒ [a3.5.3 nd installing rear centre console bracket", page 41](#)

3.5.1 Assembly overview - centre console bracket

1 - Front centre console bracket

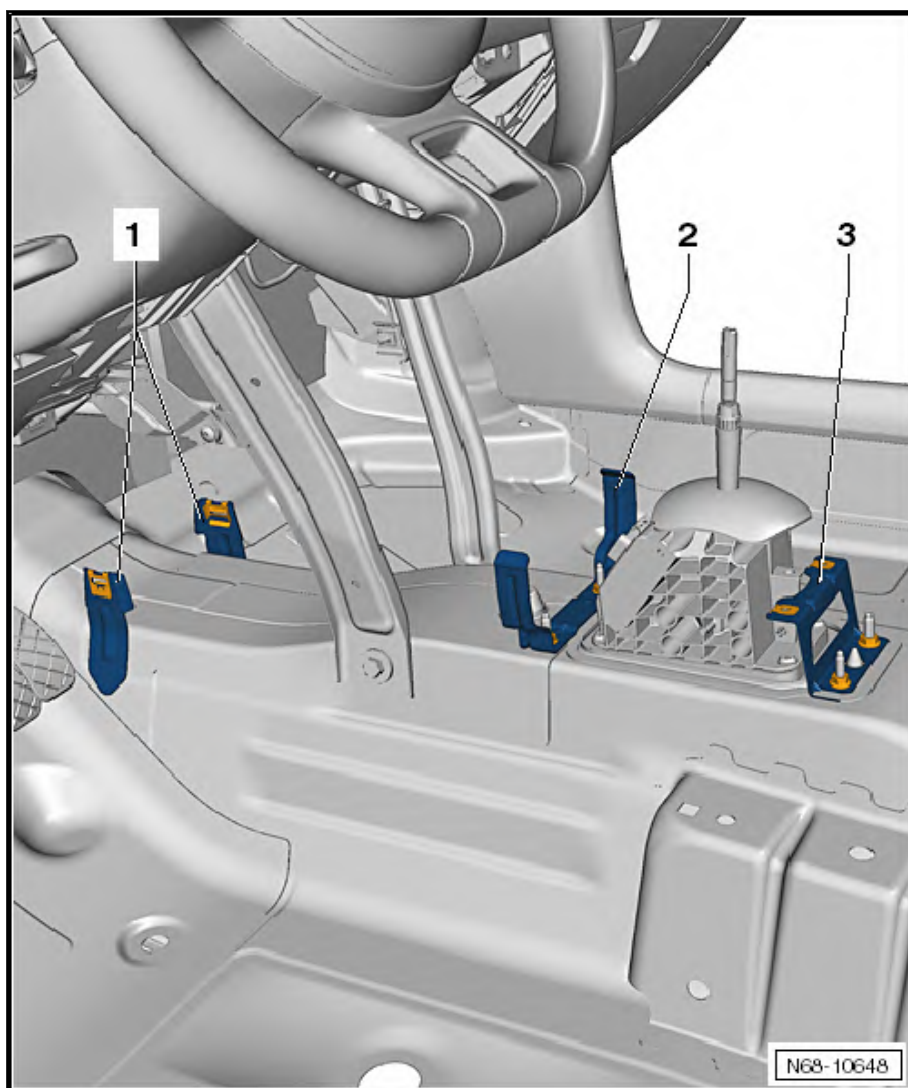
- ☐ Left and right
- ☐ Welded to body
- ☐ Check snap nuts for damage and renew if necessary

2 - Centre console bracket, middle

- ☐ Removing and installing ⇒ [page 41](#)

3 - Rear centre console bracket

- ☐ Removing and installing ⇒ [page 41](#)





3.5.2 Removing and installing centre console bracket, middle

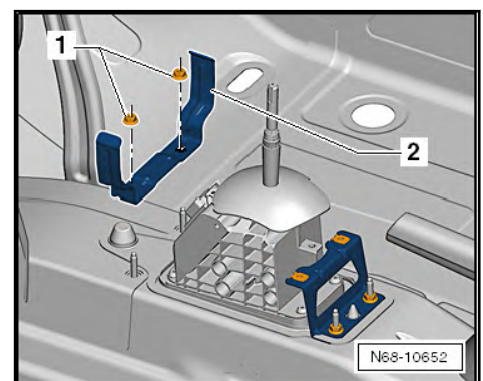
Special tools and workshop equipment required

- ◆ Torque wrench -V.A.G 1331-



Removing

- Remove lower part of centre console ⇒ [page 37](#) .
- Unscrew nuts -1-.



- Remove centre console bracket, middle -2-.

Installing

Install in reverse order of removal, observing the following:

Torque settings

Component	Torque setting
Nuts	8 Nm

3.5.3 Removing and installing rear centre console bracket

Special tools and workshop equipment required

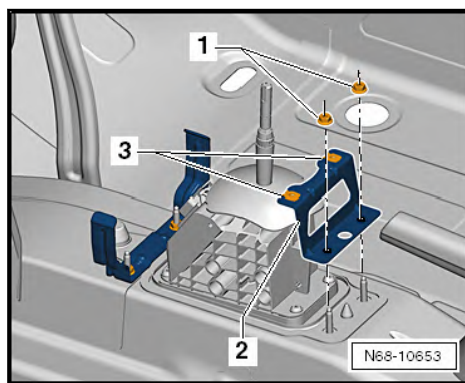


◆ Torque wrench -V.A.G 1331-



Removing

- Remove lower part of centre console ➤ [page 37](#) .
- Unscrew nuts -1-.



- Remove rear centre console bracket -2-.

Installing



Note

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

Install in reverse order of removal, observing the following:

Torque settings

Component	Torque setting
Nuts	8 Nm



4 Interior mirror

⇒ [o4.1 verview - interior mirror", page 43](#)

⇒ [a4.2 nd installing interior mirror", page 47](#)

4.1 Assembly overview - interior mirror

⇒ [o4.1.1 verview - interior mirror", page 43](#)

⇒ [o4.1.2 verview - interior mirror, vehicles with emergency braking function sensor unitJ939", page 44](#)

⇒ [o4.1.3 verview - interior mirror, vehicles with humidity senderG355", page 44](#)

⇒ [o4.1.4 verview - interior mirror, vehicles with emergency braking function and humidity senderG355", page 45](#)

⇒ [o4.1.5 verview - interior mirror, vehicles with front camera for driver assist systemsR242", page 46](#)

4.1.1 Assembly overview - interior mirror

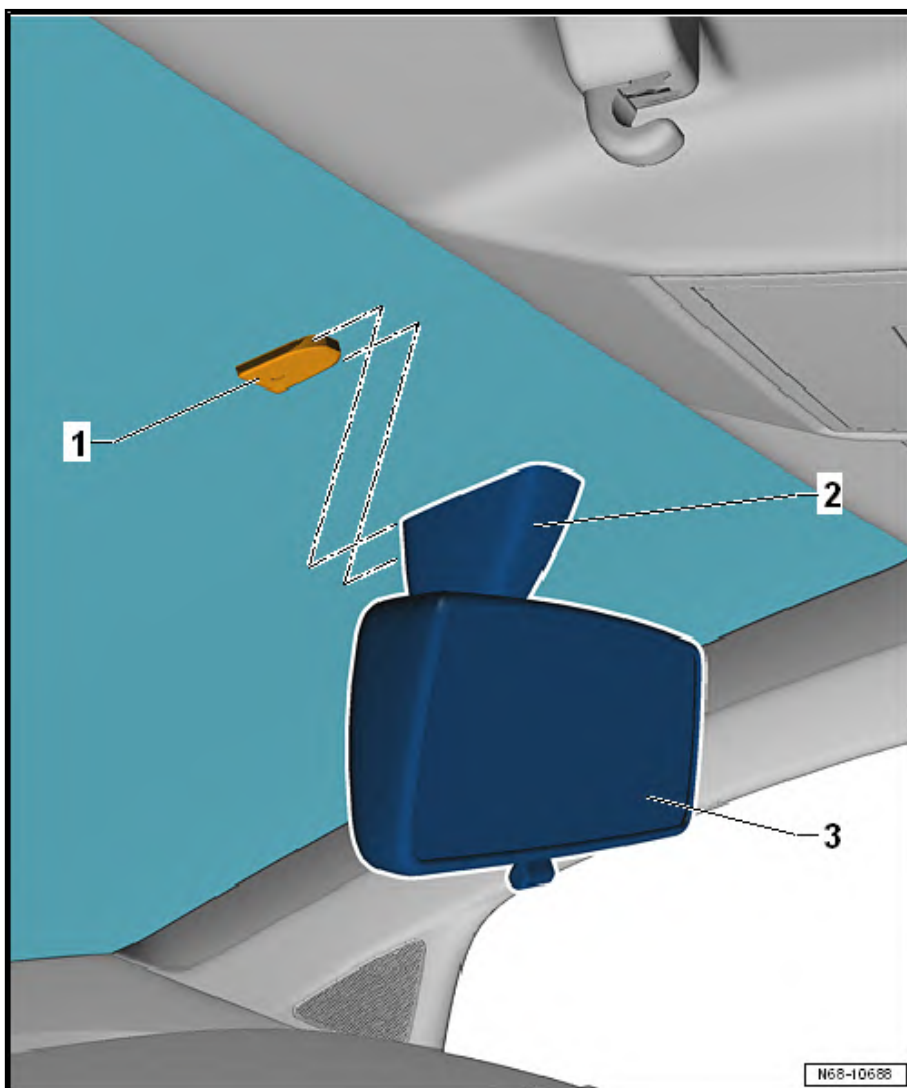
1 - Retaining plate

- ☐ For mirror base
- ☐ Bonded to windscreen
- ☐ Bonding retaining plate for interior mirror ⇒ [page 53](#)

2 - Mirror base

3 - On inside

- ☐ Removing and installing ⇒ [page 47](#)





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 53](#)

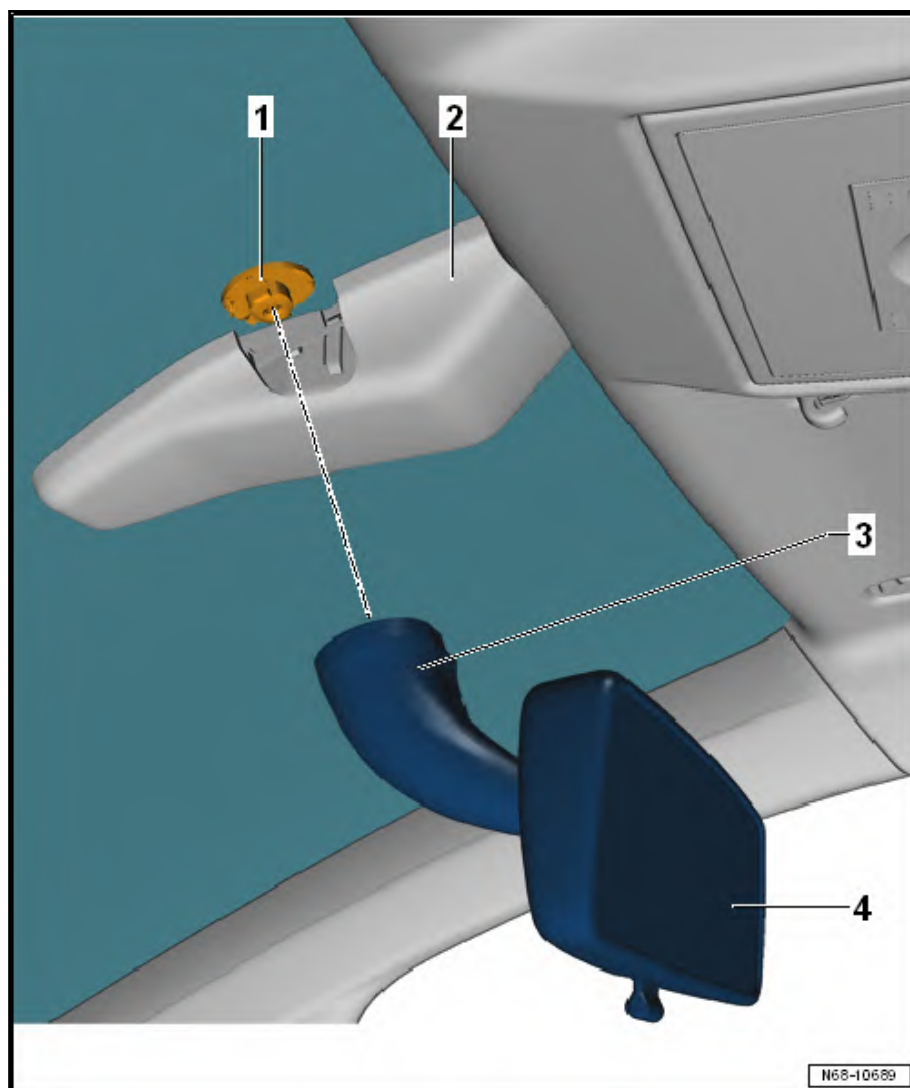
2 - Cover

- ☐ 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 48](#)



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



1 - Cable guide cover

2 - Retaining plate

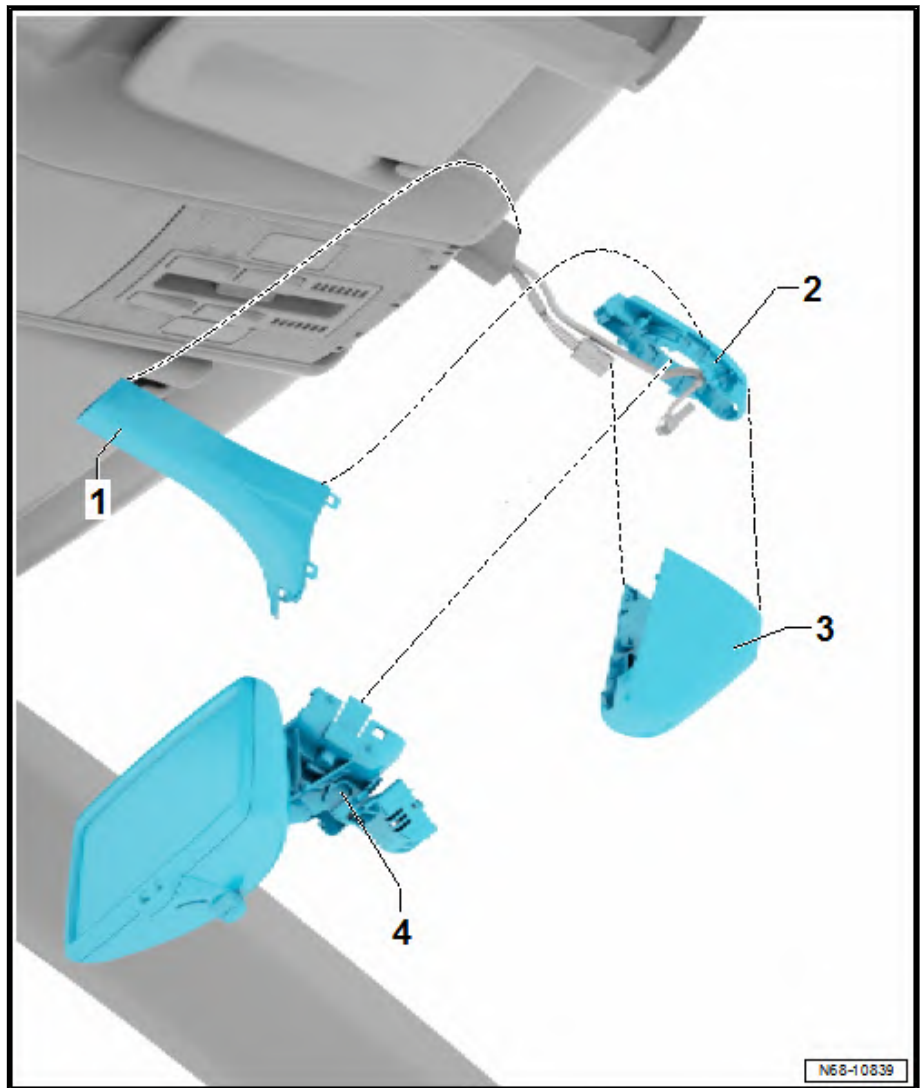
- ☐ For interior mirror.
- ☐ Bonded to windscreen.
- ☐ Gluing on ➤ [page 53](#)

3 - Front cover

- ☐ For mirror base

4 - On inside

- ☐ Allocation ➤ Electronic parts catalogue
- ☐ Removing and installing ➤ [page 49](#)



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 53](#)

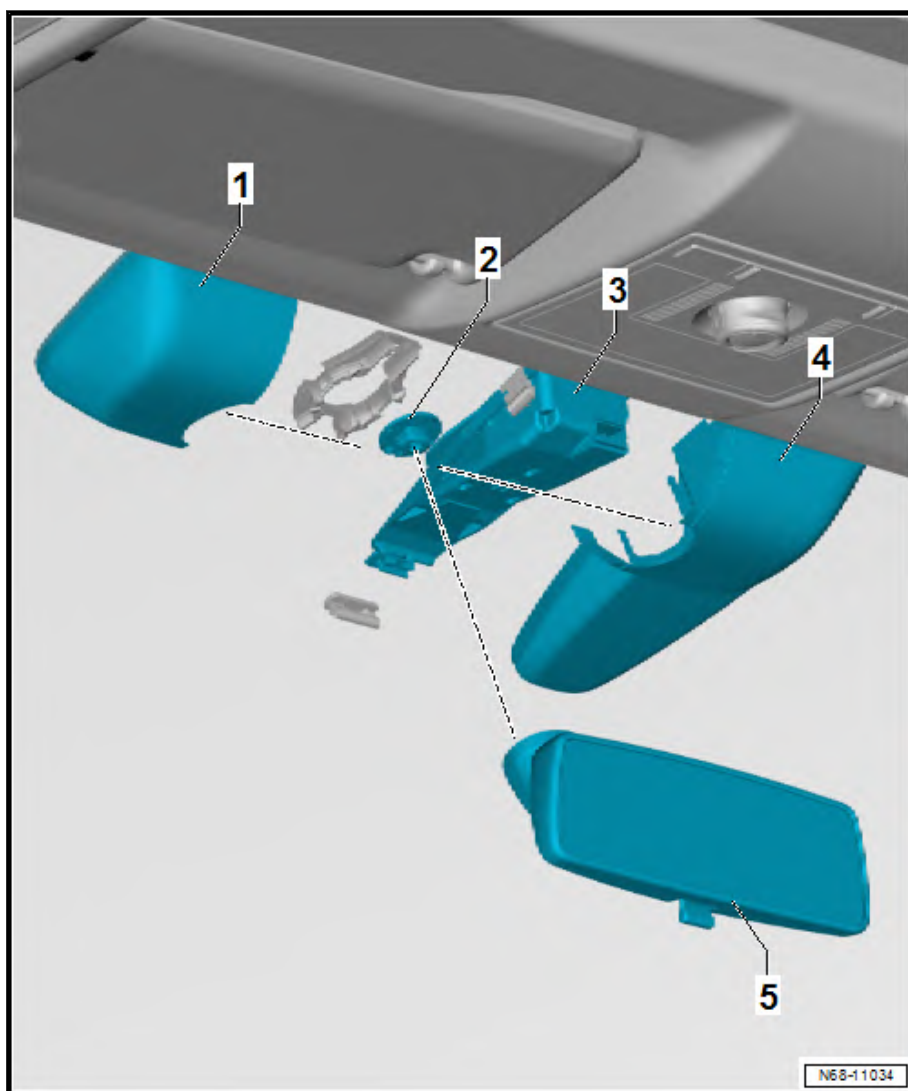
3 - Emergency braking function sensor unit -J939-

- ☐ Removing and installing ➤ Electrical system; Rep. gr. 94; Emergency braking function; Removing and installing emergency braking function sensor unit

4 - Right cover

5 - On inside

- ☐ Allocation ➤ Electronic parts catalogue
- ☐ Removing and installing ➤ [page 50](#)



4.1.5 Assembly overview - interior mirror, vehicles with front camera for driver assist systems -R242-



1 - Left cover

2 - Retaining plate

- ☐ For interior mirror.
- ☐ Bonded to windscreen.
- ☐ Gluing on ➤ [page 53](#)

3 - Cover for front camera

- ☐ With front passenger airbag off warning lamp -K145- ➤ Electrical system; Rep. gr. 96; Controls

4 - Right cover

5 - On inside

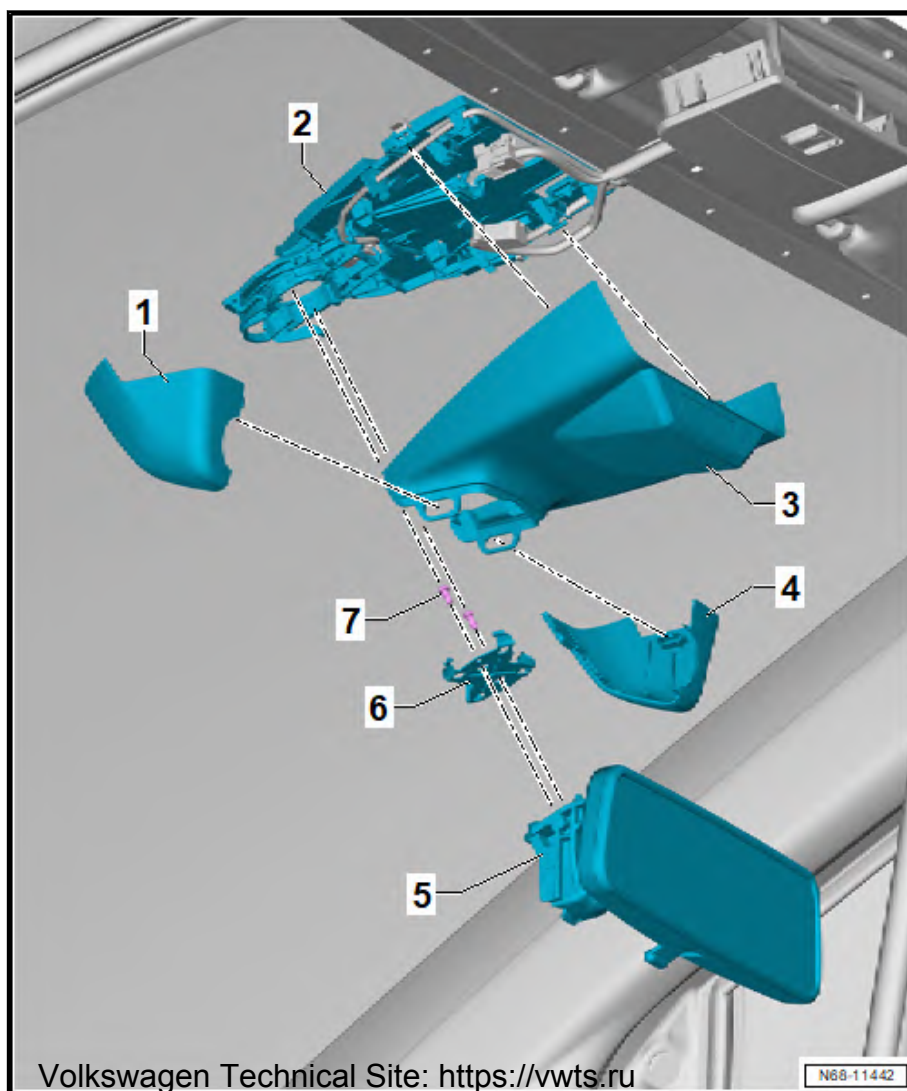
- ☐ Allocation ➤ Electronic parts catalogue (ETKA)
- ☐ Removing and installing ➤ [page 51](#)

6 - Spring clip

- ☐ Renew after removing interior mirror
- ☐ Allocation ➤ Electronic parts catalogue (ETKA)

7 - Bolts

- ☐ Qty. 2
- ☐ 1.5 Nm



Volkswagen Technical Site: <https://vwts.ru>

4.2 Removing and installing interior mirror

➤ [a4.2.1 nd installing interior mirror", page 47](#)

➤ [a4.2.2 nd installing interior mirror, vehicles with emergency braking function sensor unitJ939", page 48](#)

➤ [a4.2.3 nd installing interior mirror, vehicles with humidity senderG355", page 49](#)

➤ [a4.2.4 nd installing interior mirror, vehicles with emergency braking function and humidity senderG355", page 50](#)

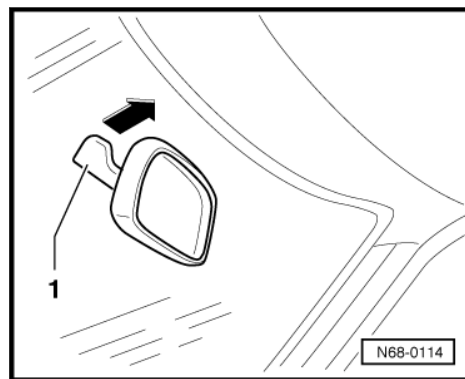
➤ [a4.2.5 nd installing interior mirror, vehicles with front camera for driver assist systemsR242", page 51](#)

➤ [r4.2.6 etaining plate for interior mirror", page 53](#)

4.2.1 Removing and installing interior mirror

Removing

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



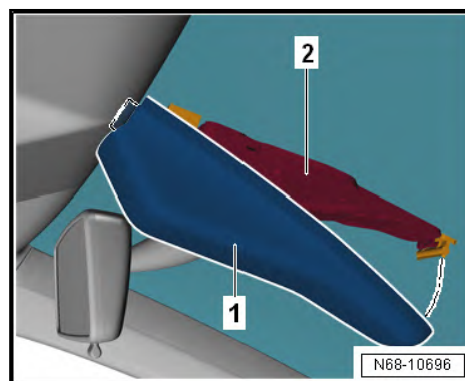
Installing

Install in reverse order of removal.

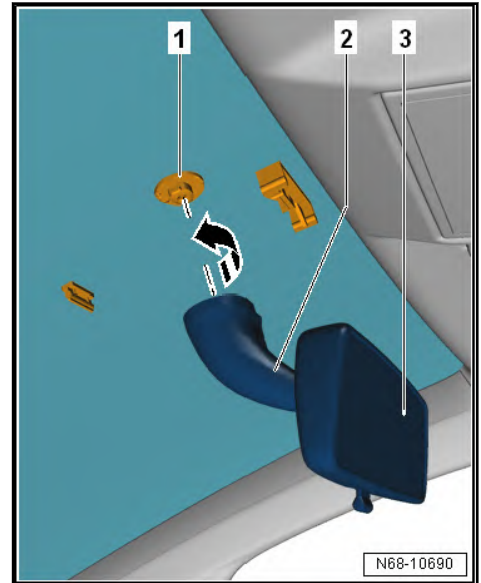
4.2.2 Removing and installing interior mirror, vehicles with emergency braking function sensor unit -J939-

Removing

- Unclip cap -1- for sensor unit for emergency braking function -J939- -2- in lower area.



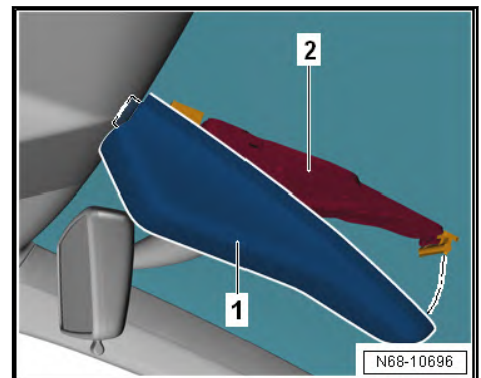
- Pull out cap -1- for sensor unit for emergency braking function -J939- -2- from between moulded headliner and windscreen and remove it.
- Remove sensor unit for emergency braking function -J939- → Electrical system; Rep. gr. 94; Emergency braking function; Removing and installing sensor unit for emergency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

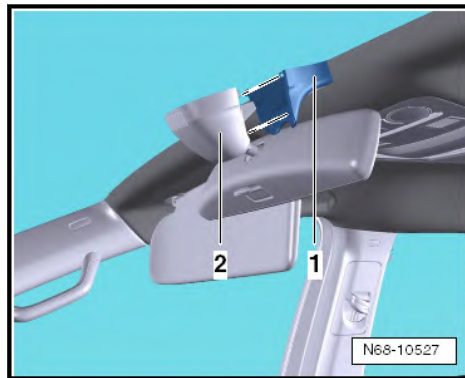
- Guide cap -1- for sensor unit for emergency braking function -J939- -2- first between moulded headliner and windscreen and then engage it in lower area.



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.

Continue installation in reverse order of removal.

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

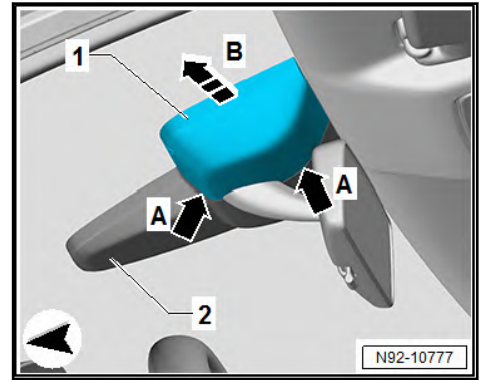
Special tools and workshop equipment required

- ◆ Removal wedge -3409-

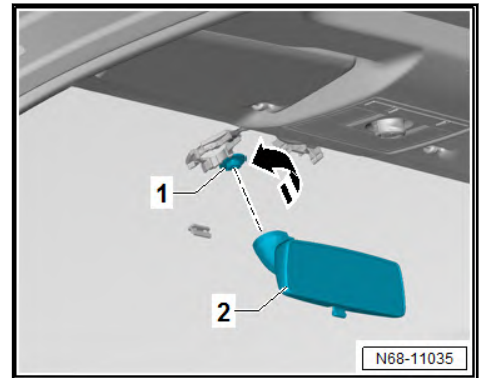


Removing

- Switch off ignition and all electrical consumers.
- Keep ignition key outside vehicle to prevent 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-.



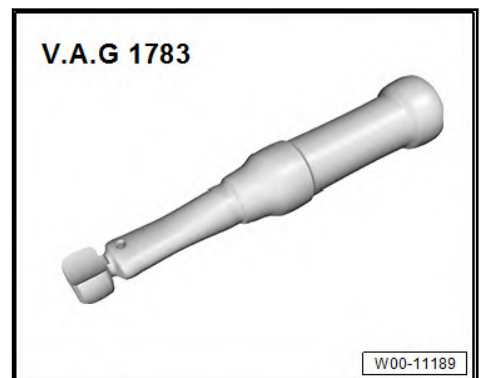
Installing

Install in reverse order of removal.

4.2.5 Removing and installing interior mirror, vehicles with front camera for driver assist systems -R242-

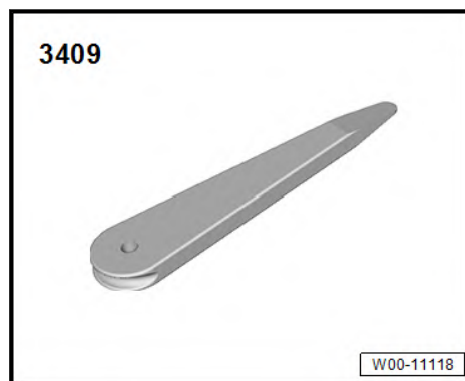
Special tools and workshop equipment required

- ◆ Torque wrench -V.A.G 1783-



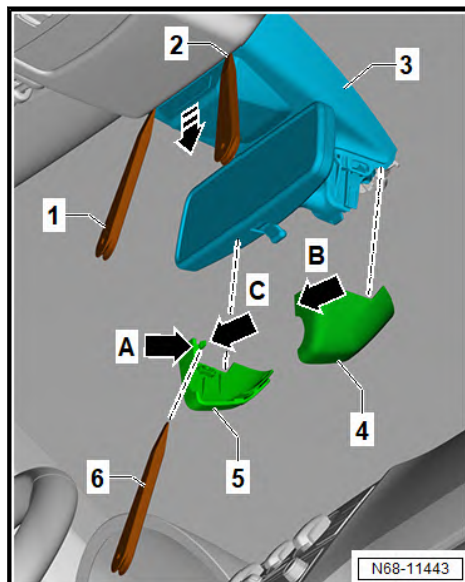


◆ Removal wedge -3409-

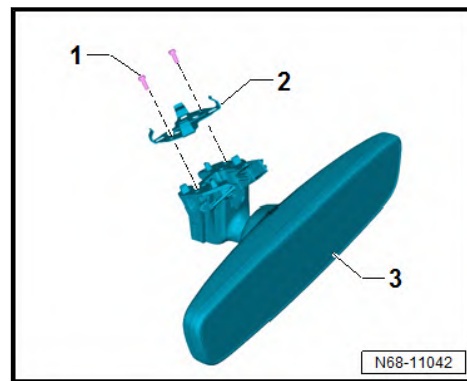


Removing

- Switch off ignition.
- Fit removal wedge -3409- -item 6- in locking tab -arrow C- and unclip cover on left -5- and right -4-.



- Unclip fasteners -A- and -B- of cover on left -5- and right -4- from retaining plate and remove.
- Use removal wedges -3409- -item 1- and -2- to unclip cover of front camera -3- from front area of roof console.
- Using removal wedges -3409- -item 1- and -2-, carefully push cover of front camera -3- downwards.
- Remove cover of front camera -3- from retaining plate.
- Unscrew bolts -1-.



- Remove spring clip -2-.

CAUTION

Risk of injury to skin from broken glass.

- Wear gloves when removing interior mirror with broken glass.
- Remove all fragments of glass.

- Turn interior mirror about 20° in anti-clockwise direction.
- Pull off interior mirror downwards.

Installing

Install in reverse order of removal, observing the following:



Note

- ◆ *Renew the spring clip upon removal of the interior mirror
⇒ Electronic parts catalogue.*
- ◆ *Make sure that the components are from the same supplier.*
- Replace spring clip with a new part.
- Turn interior mirror about 20° in anti-clockwise direction to fit onto retaining plate.



Note

Make sure that the mirror is aligned parallel to the retaining plate.

- Turn interior mirror clockwise until it is heard to engage in retaining plate.

Torque settings

- ◆ [⇒ o4.1.5 verview - interior mirror, vehicles with front camera for driver assist systemsR242", page 46](#)

4.2.6 Bonding retaining plate for interior mirror

Special tools and workshop equipment required

- ◆ Glass scraper (commercially available) -1-
- ◆ Blade (commercially available) -2-



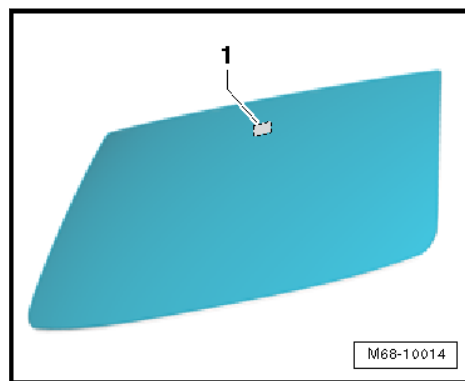
Note

- ◆ *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

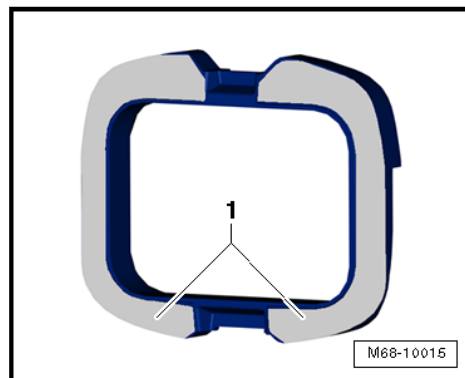
- ◆ 2-pack adhesive for plastics; for allocation refer to ⇒ Electronic Parts Catalogue
- ◆ Glass/paint primer; for allocation refer to ⇒ Electronic Parts Catalogue
- ◆ Primer for plastics; for allocation refer to ⇒ Electronic Parts Catalogue

Preparing windscreen



- All adhesive and primer residue must be removed from the ceramic pre-coating -1-.
- 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

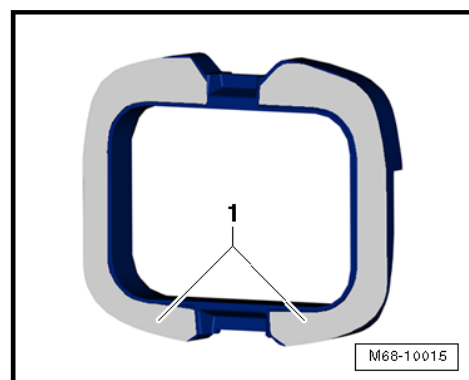


- Mechanically remove adhesive residue:
- ◆ Prepare bonding surface -1- with “wet-on-wet” method by sanding down with wet fine emery paper (800 to 1200 grade) until bonding surface is completely moist.



- ◆ 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.

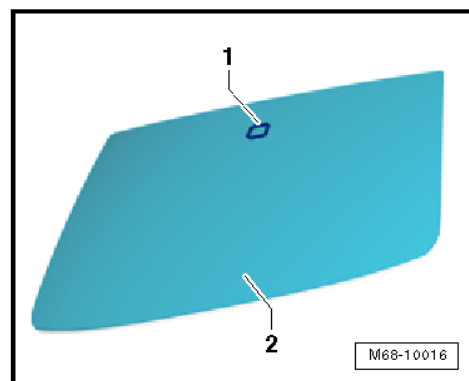
Gluing retaining plate on



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

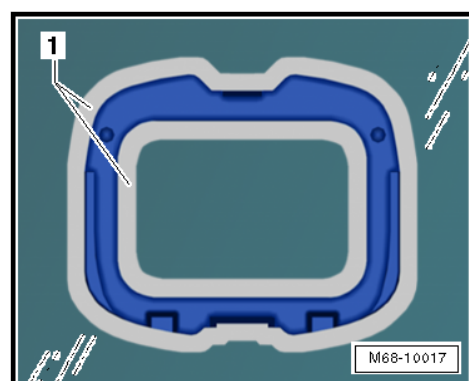
The diameter of the adhesive bead should be 2.5 mm to 3.0 mm.

- Immediately after applying adhesive, press retaining plate -1- into position on prepared windscreen -2-.



- Fix retaining plate -1- in its intended 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 -1- using a 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

⇒ [01.1 fitting locations - seat belts and anchorage points", page 57](#)

⇒ [a1.2 nd installing front three-point seat belt", page 59](#)

⇒ [a1.3 nd installing front belt end fitting", page 64](#)

⇒ [a1.4 nd installing front belt guide", page 65](#)

⇒ [a1.5 nd installing front belt buckle", page 66](#)

⇒ [a1.6 nd installing rear three-point seat belt", page 68](#)

⇒ [a1.7 nd installing rear outer belt end fitting", page 71](#)

⇒ [a1.8 nd installing rear belt buckle", page 72](#)

1.1 Overview of fitting locations - seat belts and anchorage points



Note

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

Front seats



1 - Belt end fitting

- ☐ Removing and installing ➤ [page 64](#)

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 59](#)

3 - Belt anchor

- ☐ Passenger side

4 - Belt anchor

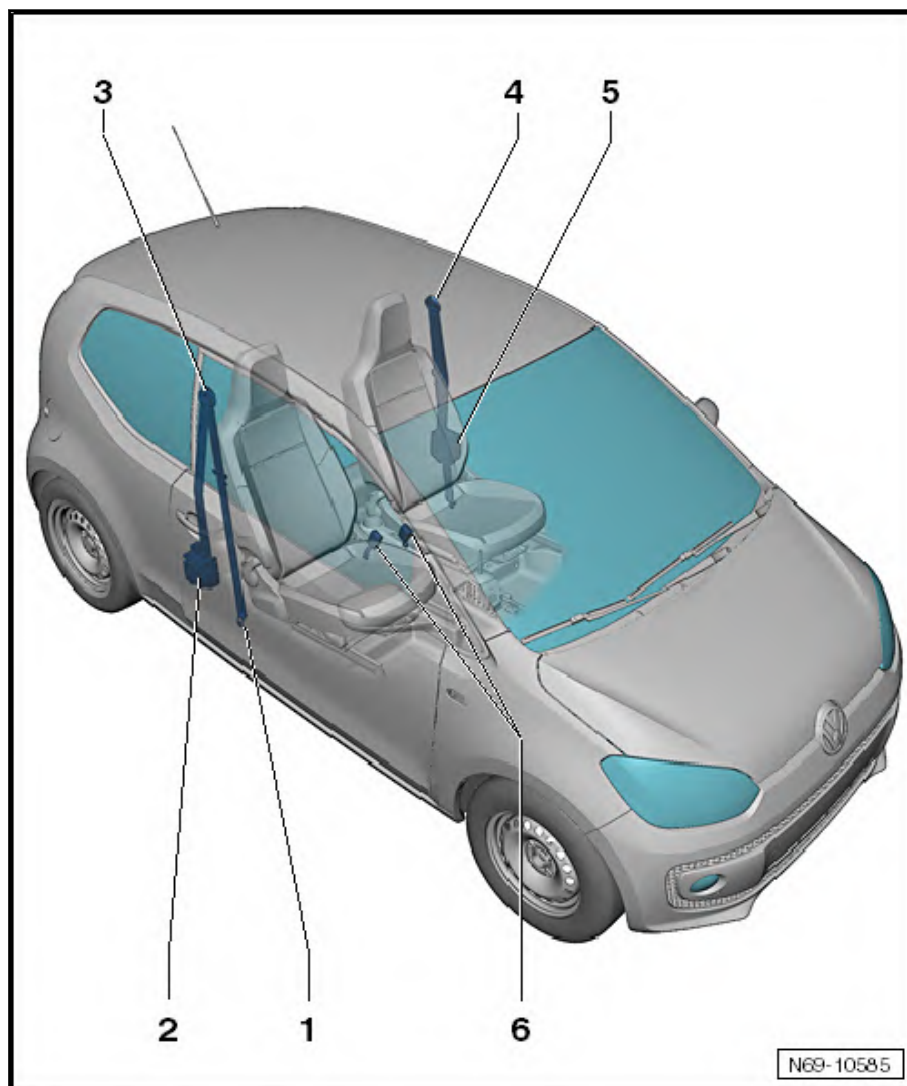
- ☐ Driver side

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

- ☐ For front three-point seat belt
- ☐ Removing and installing ➤ [page 59](#)

6 - Belt buckle

- ☐ Removing and installing ➤ [page 66](#)



Rear seats



7 - Belt end fitting

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

8 - Belt inertia reel rear belt tensioner igniter on front passenger side -N197-

- ☐ For rear three-point seat belt
- ☐ Removing and installing ➤ [page 68](#)

9 - Belt anchor

- ☐ Passenger side

10 - Belt inertia reel rear belt tensioner igniter on driver side -N196-

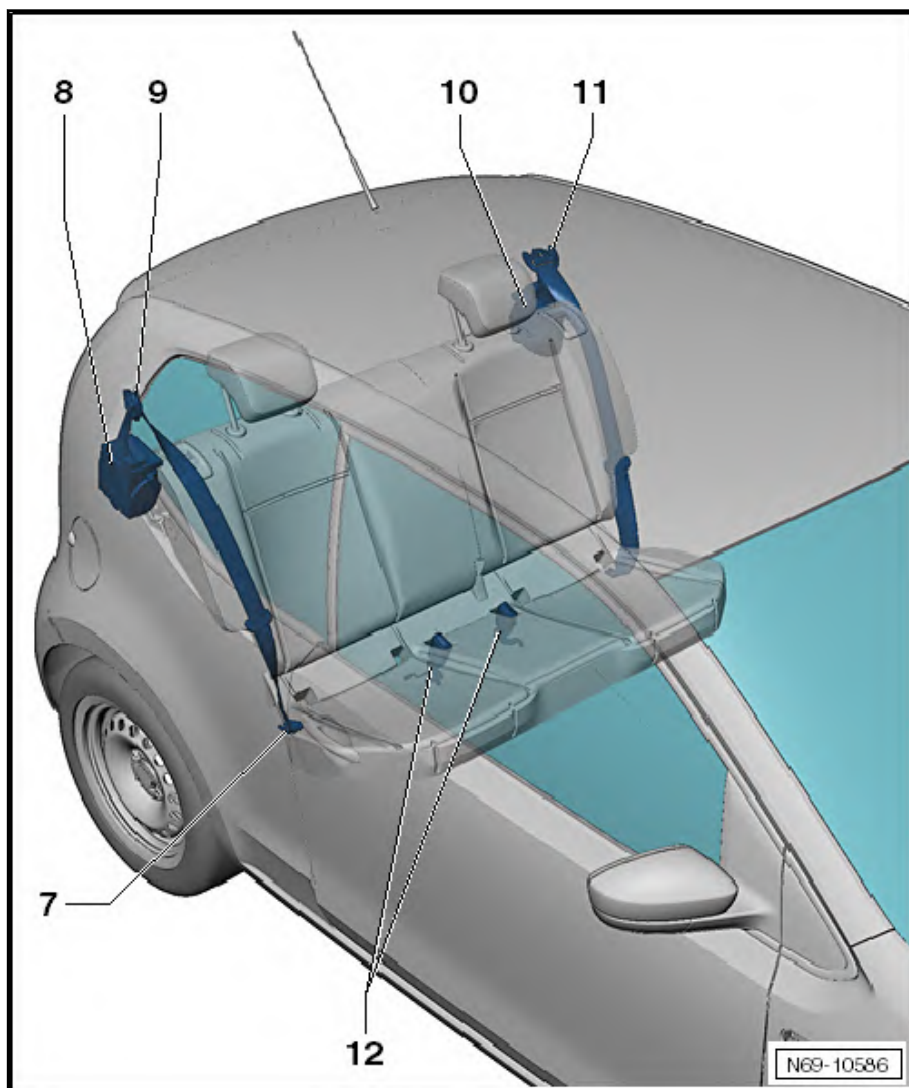
- ☐ For rear three-point seat belt
- ☐ Removing and installing ➤ [page 68](#)

11 - Belt anchor

- ☐ Driver side

12 - Belt buckle

- ☐ Removing and installing ➤ [page 72](#)



1.2 Removing and installing front three-point seat belt

➤ [a1.2.1 nd installing front three-point seat belt, 2-door model", page 59](#)

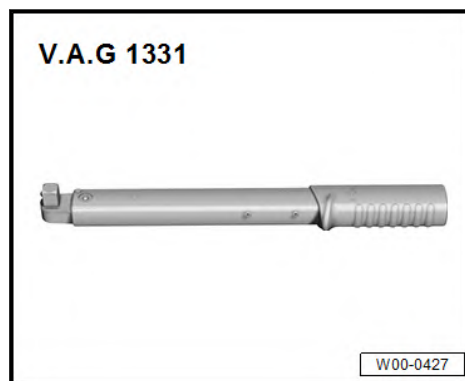
➤ [a1.2.2 nd installing front three-point seat belt, 4-door model", page 62](#)

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

Special tools and workshop equipment required



◆ Torque wrench -V.A.G 1331-



Removing



Note

- ◆ *Observe general safety instructions for pyrotechnic components ⇒ [page 1](#).*
- ◆ *Observe 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.*

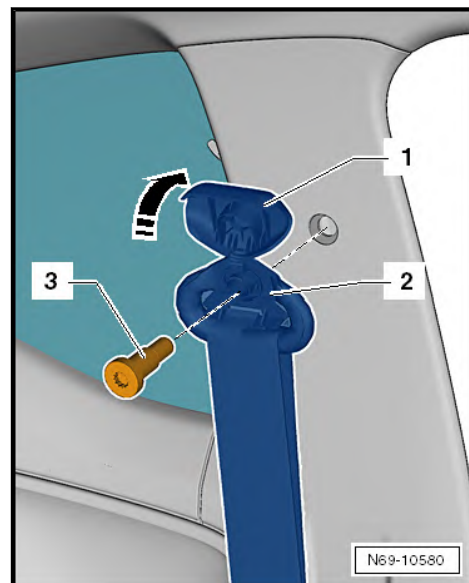


CAUTION

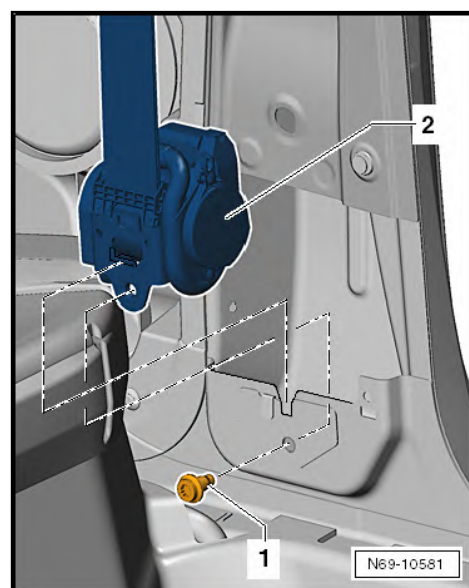
Pyrotechnic components can trigger unintentionally.

Risk of injury.

- **Discharge any static charge in your body by briefly touching the door striker plate.**
- Disconnect battery earth cable with ignition switched on
⇒ Electrical system; Rep. gr. 27; Battery; Connecting and disconnecting battery.
- Remove bench seat/individual seats ⇒ [page 241](#).
- Remove rear seat backrest ⇒ [page 246](#).
- Remove side trim panel ⇒ [page 178](#).
- Unclip front sill moulding in vicinity of belt inertia reel ⇒ [page 158](#).
- Open cap -1- in direction of -arrow-.



- Unscrew bolt -3-
- 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 165](#) .
- Remove front belt guide ➤ [page 65](#) .
- Remove front belt end fitting ➤ [page 64](#) .



- Unscrew bolt -1- and remove belt inertia reel -2- from mounting.

Installing

Install in reverse order of removal, observing the following:

- Switch on ignition.



⚠ CAUTION

Risk of injury from accidental triggering of pyrotechnic components.

- Battery should only ever be connected with ignition switched on.
- Ensure that nobody is in vehicle when connecting battery.
- If ignition is not switched on after reconnecting battery, only switch on ignition while sitting on driver seat in rearmost position.

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

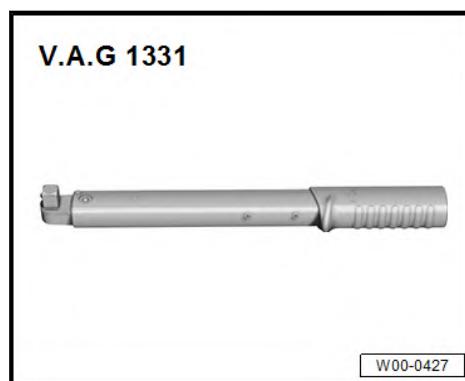
Torque settings

Component	Torque setting
Bolt securing belt inertia reel	40 Nm
Bolt securing belt guide fitting	40 Nm

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

Special tools and workshop equipment required

- ♦ Torque wrench -V.A.G 1331-



Removing



Note

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



Note

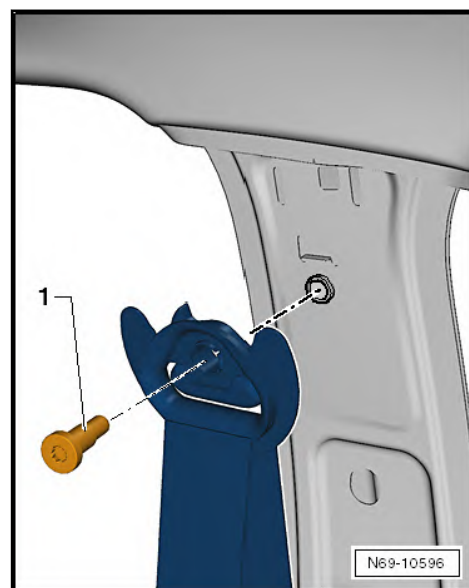
Removal and installation is described for the left vehicle side.
Follow same instructions for the right side as appropriate.



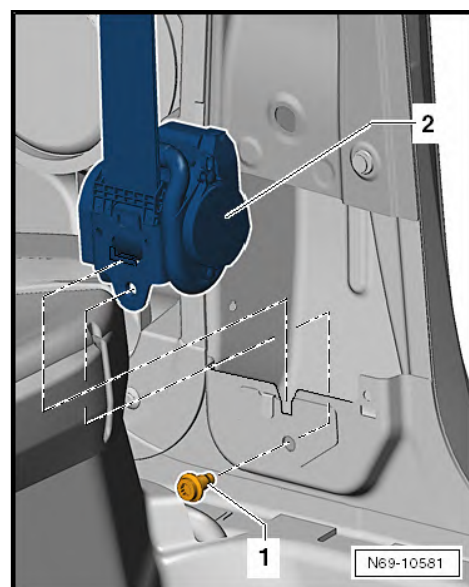
CAUTION

Pyrotechnic components can trigger unintentionally.
Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.
- 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 168](#) .
- Remove front belt guide ⇒ [page 65](#) .
- Remove sill strip ⇒ [page 160](#) .
- Unscrew bolt -1- and remove belt guide with webbing.



- Unscrew bolt -1- and remove belt inertia reel -2- from mounting.





Installing

Install in reverse order of removal, observing the following:

- Switch on ignition.

CAUTION

Risk of injury from accidental triggering of pyrotechnic components.

- Battery should only ever be connected with ignition switched on.
 - Ensure that nobody is in vehicle when connecting battery.
 - If ignition is not switched on after reconnecting battery, only switch on ignition while sitting on driver seat in rearmost position.
-
- Connect battery earth cable with ignition switched on ⇒ Electrical system; Rep. gr. 27; Battery; Connecting and disconnecting battery.

Torque settings

Component	Torque setting
Bolts	40 Nm

1.3 Removing and installing front belt end fitting

Special tools and workshop equipment required

- ♦ Torque wrench -V.A.G 1331-



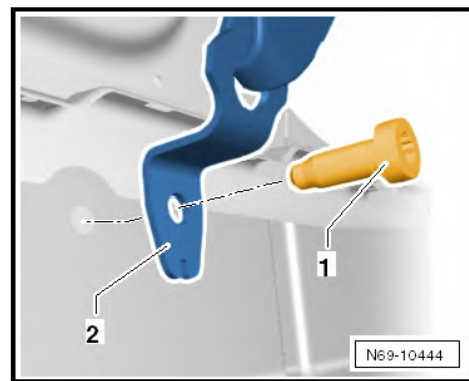
Removing



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.
- Unscrew bolt -1- and release belt end fitting -2- from body.



Installing

Install in the reverse order of removal observing the following:

Torque settings

Component	Torque setting
Bolt	40 Nm

1.4 Removing and installing front belt guide

⇒ [a1.4.1 nd installing front belt guide, 2-door model](#), page 65

⇒ [a1.4.2 nd installing front belt guide, 4-door model](#), page 66

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

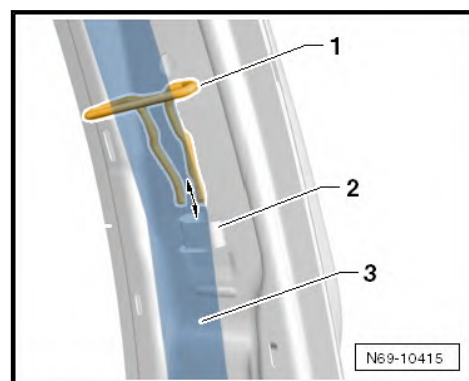


Note

*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 ⇒ [page 241](#) .
- Remove rear seat backrest ⇒ [page 246](#) .
- Remove side trim panel ⇒ [page 178](#) .
- Pull belt guide -1- out of belt anchor -2-.



- Pull belt webbing -3- out of belt guide.



Installing

Install in the reverse order of removal observing the following:



Note

The belt guide must be heard to engage in the fastener.

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

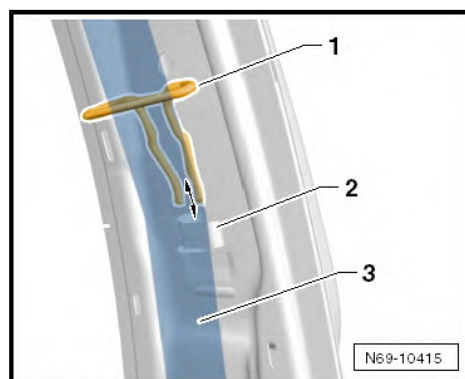


Note

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

Removing

- Remove B-pillar trim, 4-door model ⇒ [page 168](#) .
- Pull belt guide -1- out of belt anchor -2-.



- Pull belt webbing -3- out of belt guide.

Installing

Install in the reverse order of removal observing the following:



Note

The belt guide must be heard to engage in the fastener.

1.5 Removing and installing front belt buckle

Special tools and workshop equipment required



◆ Torque wrench -V.A.G 1331-

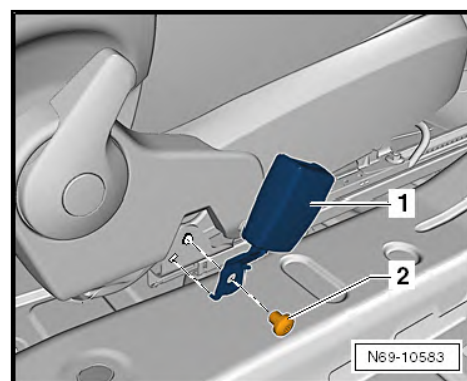


Note

*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 219](#) .
- Unclip wiring-harness fastenings from seat frame.
- Unscrew bolt -2- 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

Install in the reverse order of removal observing the following:

Torque settings

Component	Torque setting
Bolt	40 Nm



1.6 Removing and installing rear three-point seat belt

⇒ [a1.6.1 nd installing rear three-point seat belt, without belt tensioner](#), page 68

⇒ [a1.6.2 nd installing rear three-point seat belt, with belt tensioner](#), page 69

1.6.1 Removing and installing rear three-point seat belt, without belt tensioner

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/individual seats ⇒ [page 241](#) .
- Remove rear seat backrest ⇒ [page 246](#) .

For 2-door model

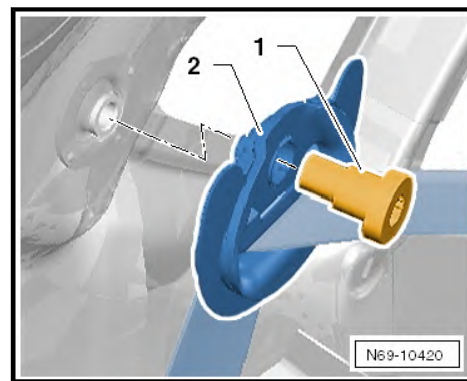
- Remove side trim panel ⇒ [page 178](#) .

For 4-door model

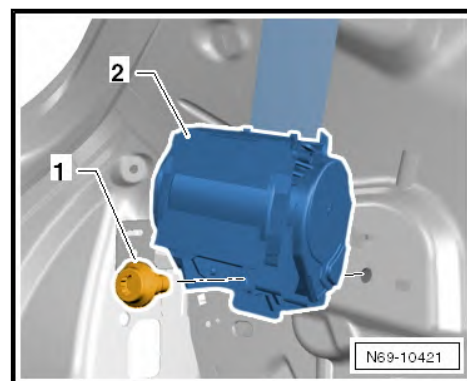
- Remove luggage compartment side trim ⇒ [page 191](#) .

Continued for all vehicles

- Remove outer rear seat belt guide anchor ⇒ [page 71](#) .
- Remove C-pillar trim.
- Unscrew bolt -1- and remove belt guide fitting -2- from body.



- Unscrew bolt -1- and remove belt inertia reel -2-.



Installing

Install in reverse order of removal, observing the following:

Torque settings

Component	Torque setting
Bolt securing belt inertia reel	40 Nm
Bolt securing belt guide fitting	40 Nm

1.6.2 Removing and installing rear three-point seat belt, with belt tensioner

Special tools and workshop equipment required

- ◆ Torque wrench -V.A.G 1331-





Removing



Note

- ♦ *Observe general safety instructions for pyrotechnic components* ⇒ [page 1](#) .
- ♦ *Observe disposal regulations for pyrotechnic components* ⇒ [page 2](#) .



CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- **Discharge any static charge in your body by briefly touching the door striker plate.**
- Disconnect battery earth cable with ignition switched on
⇒ Electrical system; Rep. gr. 27; Battery; Connecting and disconnecting battery.
- Remove bench seat/individual seats ⇒ [page 241](#) .
- Remove rear seat backrest ⇒ [page 246](#) .

For 2-door model

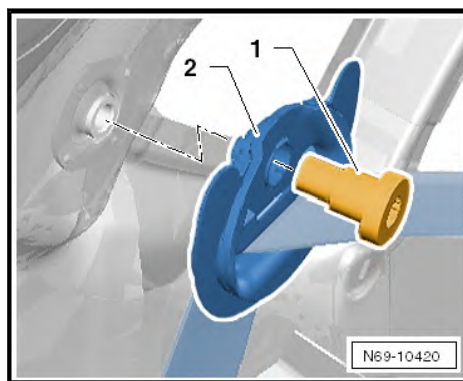
- Remove side trim panel ⇒ [page 178](#) .

For 4-door model

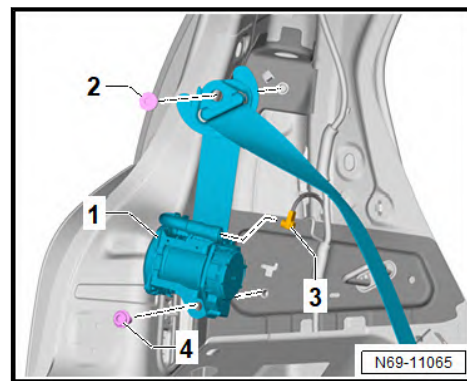
- Remove luggage compartment side trim ⇒ [page 191](#) .

Continued for all vehicles

- Remove outer rear seat belt guide anchor ⇒ [page 71](#) .
- Remove C-pillar trim ⇒ [page 171](#) .
- Unscrew bolt -1-



- Take belt guide fitting -2- out of mounting.
- Release and disconnect electrical connector -3-.



- Unscrew bolts -2- and -4-
- Remove belt inertia reel with igniter for rear belt tensioner -N196-/-N197- -item 1- from mounting.

Installing

Install in reverse order of removal, observing the following:



Note

Observe general safety instructions for pyrotechnic components
⇒ [page 1](#).

CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.

- If parts of the belt system are removed because of an accident, the belt system bolts must be renewed.

CAUTION

Risk of injury from accidental triggering of pyrotechnic components.

- Battery should only ever be connected with ignition switched on.
- Ensure that nobody is in vehicle when connecting battery.
- If ignition is not switched on after reconnecting battery, only switch on ignition while sitting on driver seat in rearmost position.

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

Torque settings

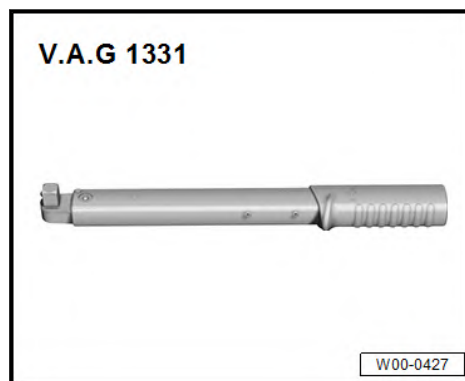
Component	Torque setting
Bolts	40 Nm

1.7 Removing and installing rear outer belt end fitting

Special tools and workshop equipment required



◆ Torque wrench -V.A.G 1331-



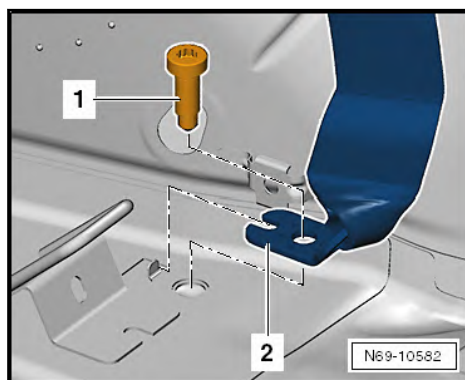
Removing



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/individual seats ➔ [page 241](#) .
- Unscrew bolt -1-, and release belt end fitting -2- from body.



Installing



Note

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

Install in reverse order of removal, observing the following:

Torque settings

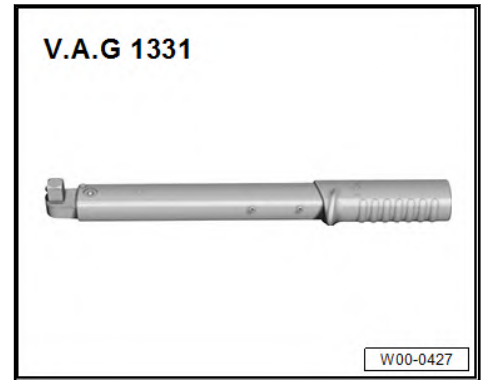
Component	Torque setting
Bolt	40 Nm

1.8 Removing and installing rear belt buckle

Special tools and workshop equipment required



◆ Torque wrench -V.A.G 1331-

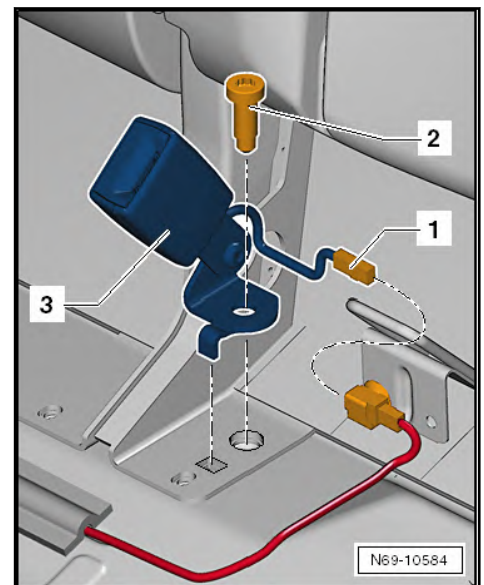


Note

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

Removing

- Remove bench seat/individual seats ➔ [page 241](#) .
- Separate electrical connector -1- for belt switch.



- Unscrew bolt -2- and remove belt buckle -1-.

Installing

Install in reverse order of removal, observing the following:

Torque settings

Component	Torque setting
Bolt	40 Nm



2 Airbag system

⇒ [o2.1 f fitting locations - airbag system", page 74](#)

2.1 Overview of fitting locations - airbag system



Note

The illustration shows seat belts for a 4-door model.

1 - Airbag control unit -J234-

- ☐ Assembly overview ⇒ [page 75](#)
- ☐ Removing and installing ⇒ [page 75](#)

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

- ☐ Removing and installing ⇒ [page 78](#)

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

- ☐ Removing and installing ⇒ [page 83](#)
- ☐ Deactivation and activation possible via key-operated switch to deactivate front passenger airbag -E224-

4 - Curtain airbag on front passenger side with front passenger side curtain airbag igniter -N252-

- ☐ Only in vehicles 08/2019 ➤
- ☐ Assembly overview ⇒ [page 91](#)
- ☐ Removing and installing ⇒ [page 91](#)

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

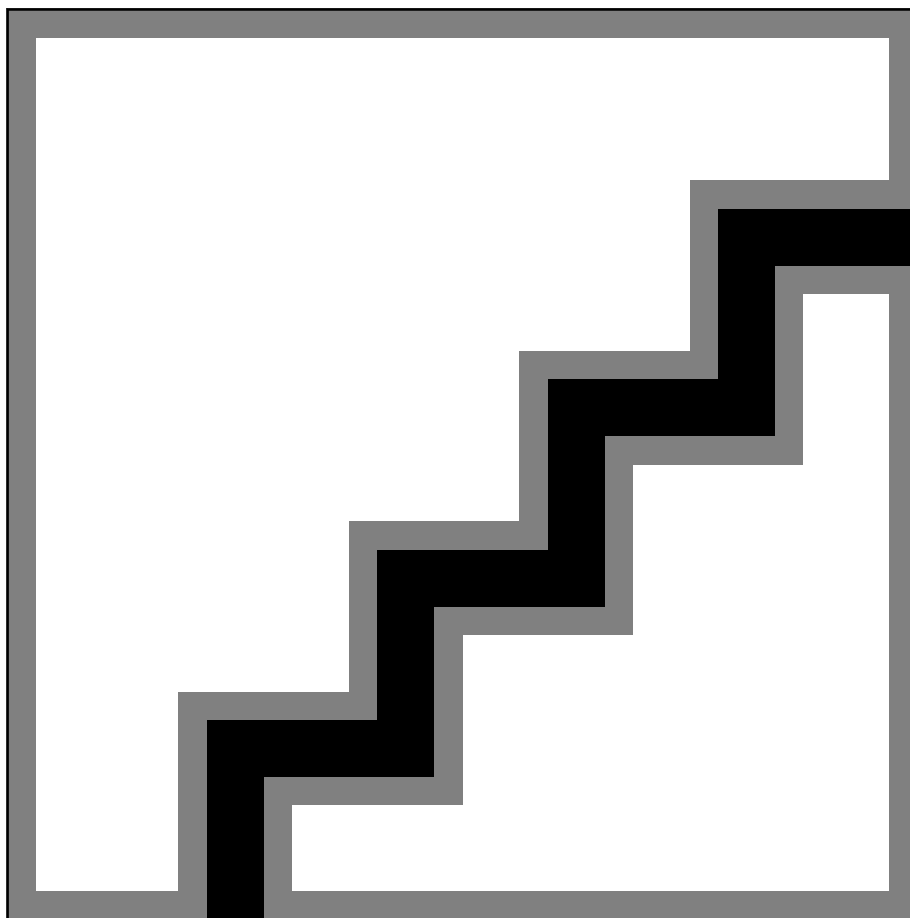
- ☐ Removing and installing ⇒ [page 88](#)

6 - Curtain airbag on driver side with driver side curtain airbag igniter -N251-

- ☐ Only in vehicles 08/2019 ➤
- ☐ Assembly overview ⇒ [page 91](#)
- ☐ Removing and installing ⇒ [page 91](#)

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

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



3 Airbag control unit

⇒ [o3.1 verview - airbag control unit", page 75](#)

⇒ [a3.2 nd installing airbag control unitJ234", page 75](#)

3.1 Assembly overview - airbag control unit

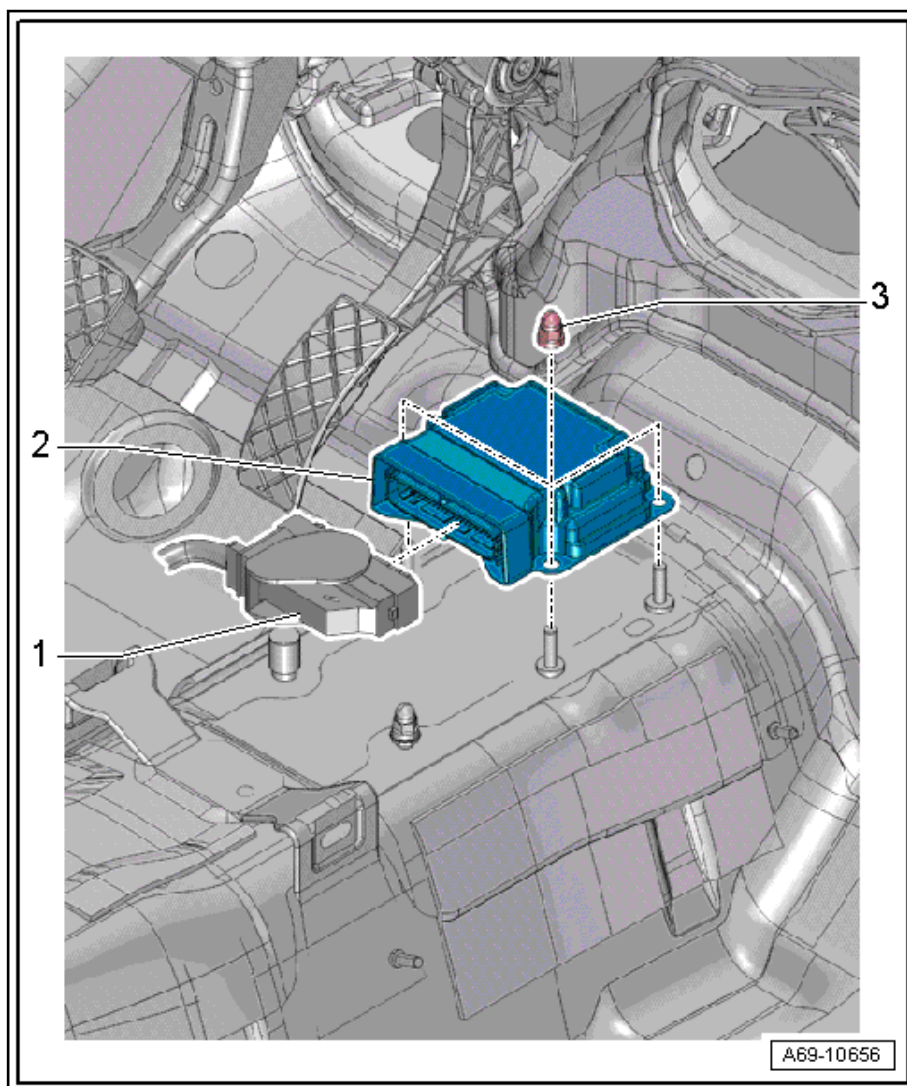
1 - Electrical connector

2 - Airbag control unit -J234-

- ☐ Removing and installing ⇒ [page 75](#)
- ☐ The control unit is earthed via the housing with the body.

3 - Nut

- ☐ Qty. 3
- ☐ 9 Nm
- ☐ Threads must be free of paint and dirt.
- ☐ Nuts and earthing studs double as earth connection for control unit

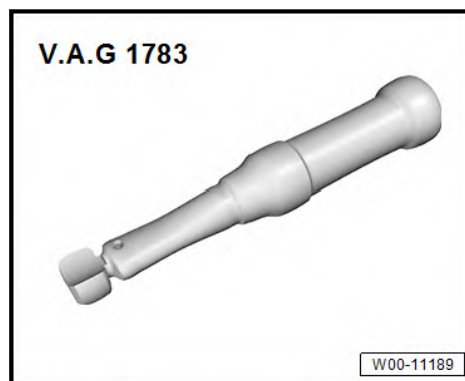


3.2 Removing and installing airbag control unit -J234-

Special tools and workshop equipment required



- ◆ Torque wrench -V.A.G 1783-



Removing



Note

Observe general safety instructions for pyrotechnic components
⇒ [page 1](#).

DANGER

Danger to life from high voltage.

Severe or fatal injury from electric shock.

- High-voltage system must be de-energised by a suitably qualified technician.

- Disconnect battery earth cable with ignition switched on
⇒ Electrical system; Rep. gr. 27; Battery; Connecting and disconnecting battery.
- Remove centre console ⇒ [page 35](#).

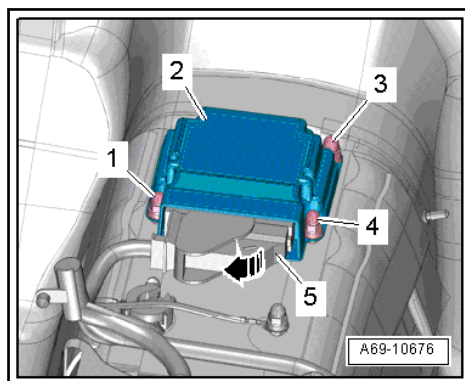
CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.

- Unscrew bolt -1- in driver's footwell.



- Open catch on plug -arrow- and detach electrical connector -5-.
- Unscrew bolts -3- and -4- in front passenger's footwell.



- Lift airbag control unit -J234- -item 2- clear of studs and remove towards front passenger side.

Installing

Install in reverse order of removal, observing the following:



Note

Ensure that the electrical connectors are pushed fully onto stop and are engaged.



CAUTION

Risk of injury from accidental triggering of pyrotechnic components.

- Battery should only ever be connected with ignition switched on.
- Ensure that nobody is in vehicle when connecting battery.
- If ignition is not switched on after reconnecting battery, only switch on ignition while sitting on driver seat in rearmost position.

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

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

Code airbag control unit -J234- after renewing ⇒ Vehicle diagnostic tester.

Torque settings

- ♦ Nuts ⇒ [o3.1 verview - airbag control unit", page 75](#)

4 Driver's airbag

⇒ [o4.1 verview - driver side airbag", page 78](#)

⇒ [a4.2 nd installing airbag unit with igniter", page 78](#)

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-

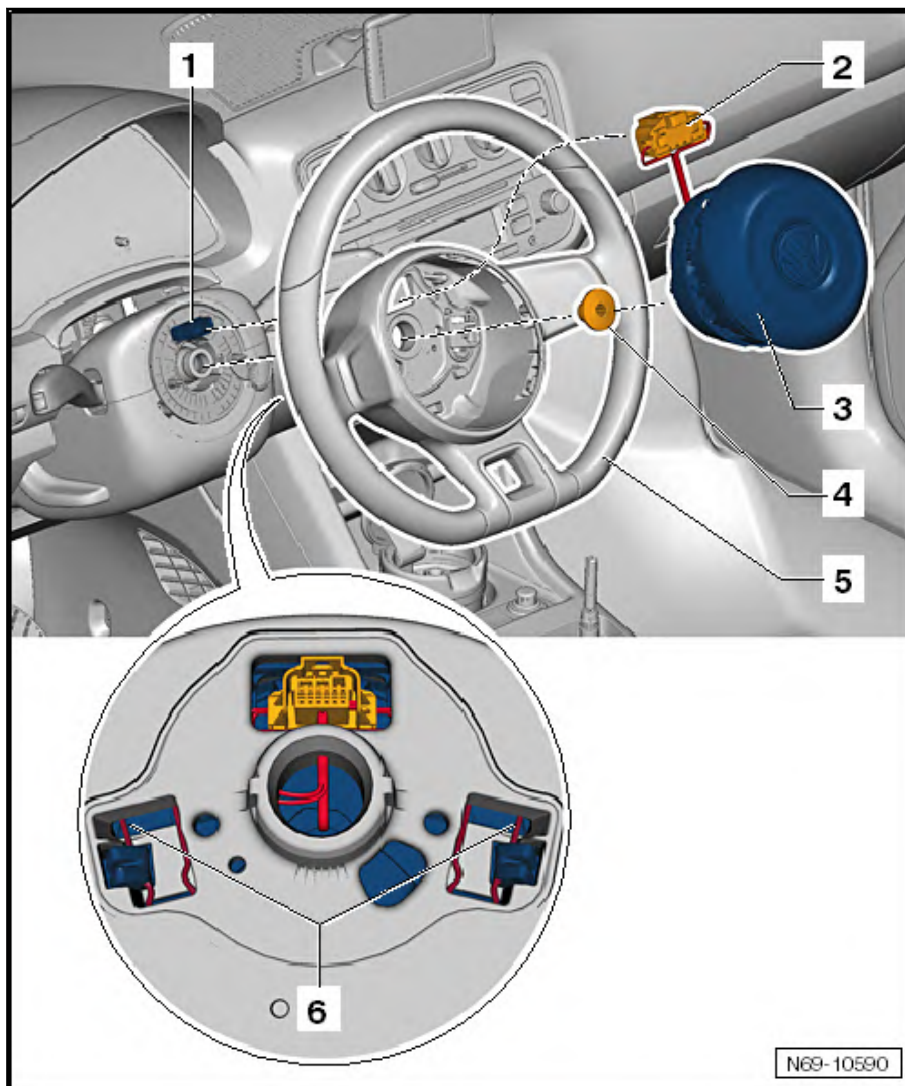
- ❑ Removing and installing ⇒ [page 78](#)

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



Note

Observe general safety instructions for pyrotechnic components
⇒ [page 1](#).

Removing



CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.

- Move steering wheel to uppermost position. Use the full range of the steering column adjustment for this purpose.



DANGER

Danger to life from high voltage.

Severe or fatal injury from electric shock.

- High-voltage system must be de-energised by a suitably qualified technician.

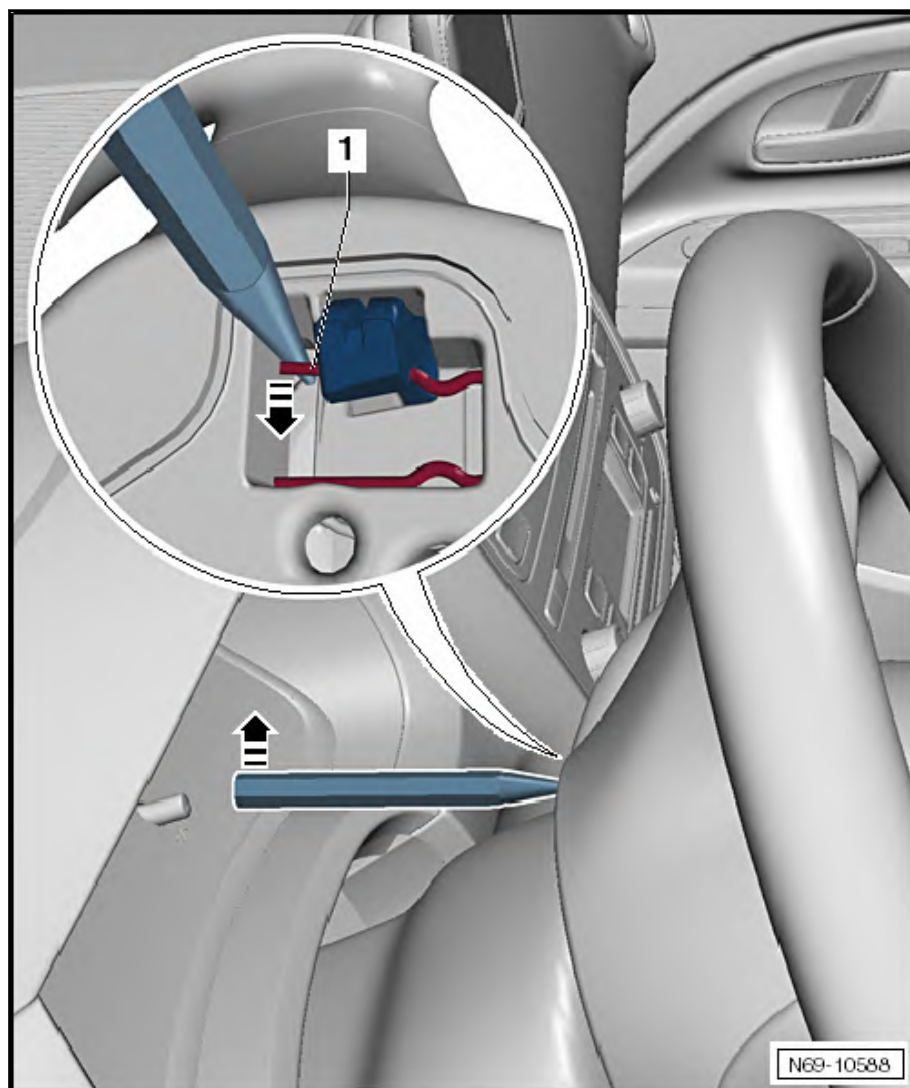
- Disconnect battery earth cable with ignition switched on
⇒ Electrical system; Rep. gr. 27; Battery; Connecting and disconnecting battery.
- Turn steering wheel until gap on rear of steering wheel faces directly upwards, “3 o'clock or 9 o'clock position”.



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.

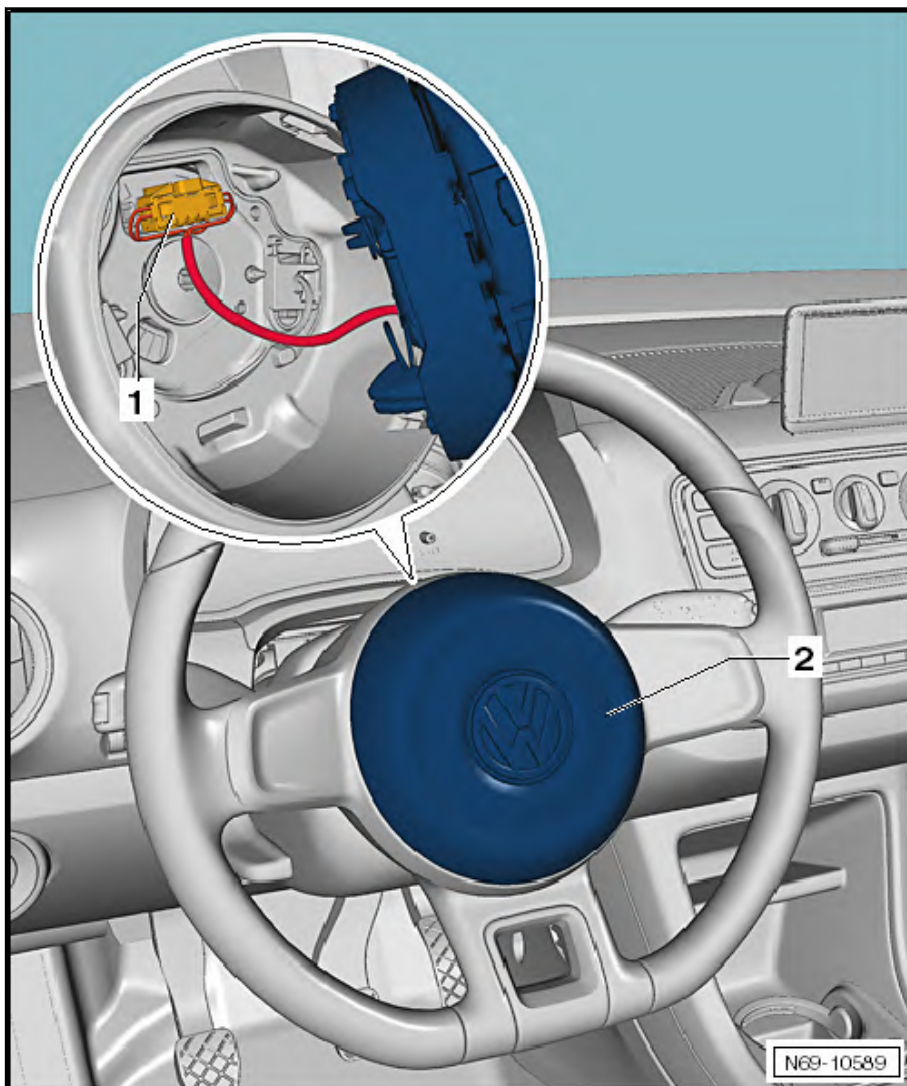


- Return steering wheel to mid-position (wheels pointing straight ahead).
- Carefully pull driver side airbag slightly out of steering wheel.
- Pull out connector mechanism and press down, unplug electrical connector -1-.
- Remove airbag -2-.

⚠ CAUTION

Risk of injury from accidental triggering.

- Place airbag to one side such that the impact padding points upwards.



Installing

Install in reverse order of removal, observing the following:

CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.



Note

- ◆ Observe general safety precautions when working on pyrotechnic components ➔ [page 1](#).
- ◆ Ensure that the electrical connectors are pushed fully onto stop and are engaged.
- ◆ Ensure that no wires are trapped.
- Connect electrical connector for airbag coil connector and return ring with slip ring -F138-.



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

CAUTION

Risk of injury from accidental triggering of pyrotechnic components.

- Battery should only ever be connected with ignition switched on.
 - Ensure that nobody is in vehicle when connecting battery.
 - If ignition is not switched on after reconnecting battery, only switch on ignition while sitting on driver seat in rearmost position.
-
- 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.

Torque settings

- ♦ ⇒ [o4.1 verview - driver side airbag", page 78](#)

5 Front passenger side airbag

⇒ [o5.1 verview - front passenger side airbag", page 83](#)

⇒ [a5.2 nd installing front passenger side airbag unit with igniter", page 83](#)

⇒ [a5.3 nd installing key-operated switch to deactivate front passenger side airbag", page 86](#)

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-

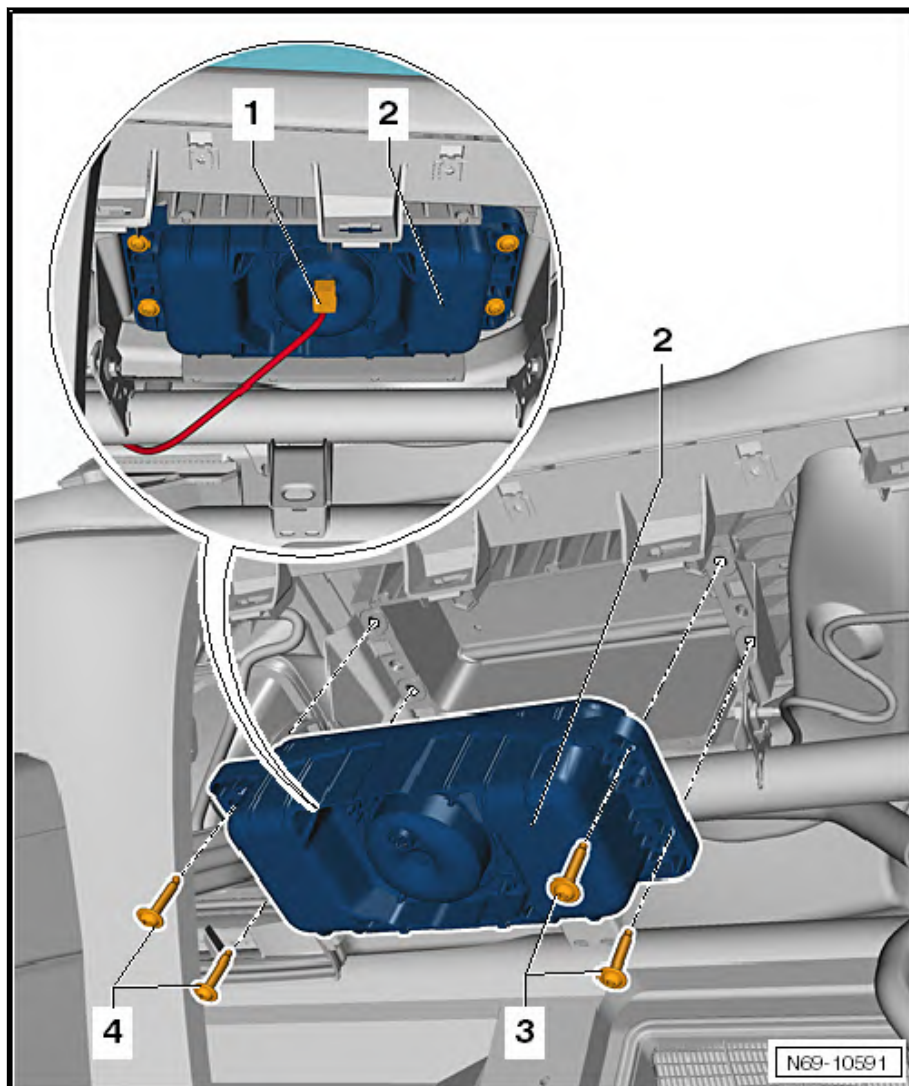
- ☐ Can be locked and activated via key-operated switch
- ☐ Removing and installing ⇒ [page 83](#)

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

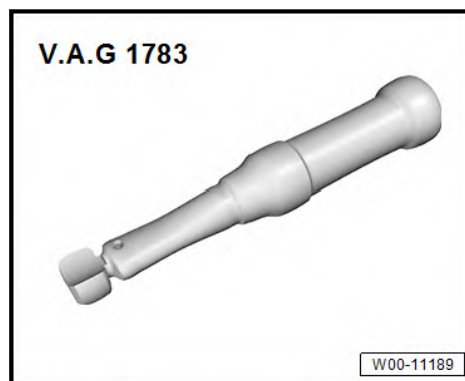


5.2 Removing and installing front passenger side airbag unit with igniter

Special tools and workshop equipment required



- ◆ Torque wrench -V.A.G 1783-



Removing

CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.



Note

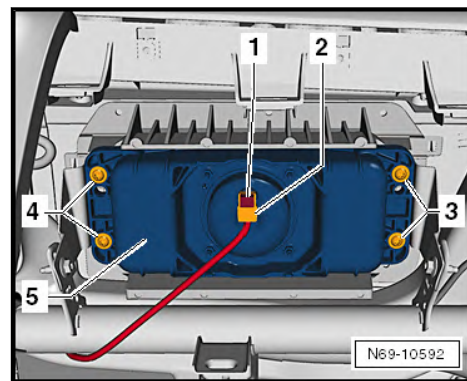
- ◆ Observe general safety instructions for pyrotechnic components ⇒ [page 1](#).
- ◆ Observe disposal regulations for pyrotechnic components ⇒ [page 2](#).
- ◆ Note allocation of airbag unit to dash panel ⇒ *Electronic parts catalogue*.

DANGER

Danger to life from high voltage.

Severe or fatal injury from electric shock.

- High-voltage system must be de-energised by a suitably qualified technician.
- Disconnect battery earth cable with ignition switched on
⇒ Electrical system; Rep. gr. 27; Battery; Connecting and disconnecting battery.
- Remove glove compartment ⇒ [page 22](#).
- Carefully release connector mechanism -1- with small screwdriver and separate electrical connector -2-.



- Unscrew two bolts -3- and -4-.
- Remove front-passenger-side airbag downwards.

CAUTION

Risk of injury from accidental triggering.

- Place airbag to one side such that the impact padding points upwards.

Installing

Install in reverse order of removal, observing the following:



Note

- ◆ *Observe general safety instructions for pyrotechnic components ⇒ [page 1](#).*
- ◆ *Note allocation of airbag unit to dash panel ⇒ Electronic parts catalogue.*

CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.



Note

- ◆ *Ensure that the electrical connectors are pushed fully onto stop and are engaged.*
- ◆ *Ensure that no wires are trapped.*
- Fit new dash panel after airbag has been triggered ⇒ [page 135](#).



⚠ CAUTION

Risk of injury from accidental triggering of pyrotechnic components.

- Battery should only ever be connected with ignition switched on.
- Ensure that nobody is in vehicle when connecting battery.
- If ignition is not switched on after reconnecting battery, only switch on ignition while sitting on driver seat in rearmost position.

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

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

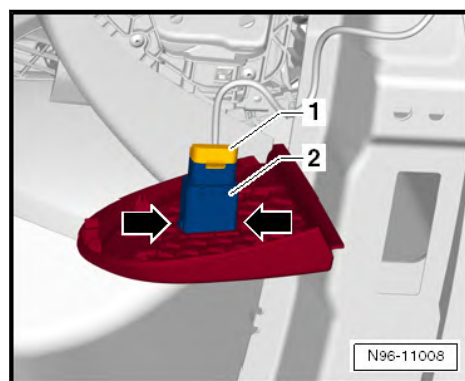
Torque settings

- ♦ ⇒ [o5.1 overview - front passenger side airbag", page 83](#)
- ♦ ⇒ [o3.1 overview - dash panel", page 131](#)

5.3 Removing and installing key-operated switch to deactivate front passenger side airbag

Removing

- Remove dash panel end cover on front passenger side ⇒ [page 131](#).
- 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 that the electrical connectors are pushed fully onto stop and are engaged.*
- ◆ *Ensure that no wires are trapped.*
- ◆ *Key operated switch to deactivate airbag on front passenger side -E224- must be heard to engage in housing.*

6 Side airbags

⇒ [o6.1 verview - front side airbag", page 88](#)

⇒ [a6.2 nd installing front side airbag with igniter", page 88](#)

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

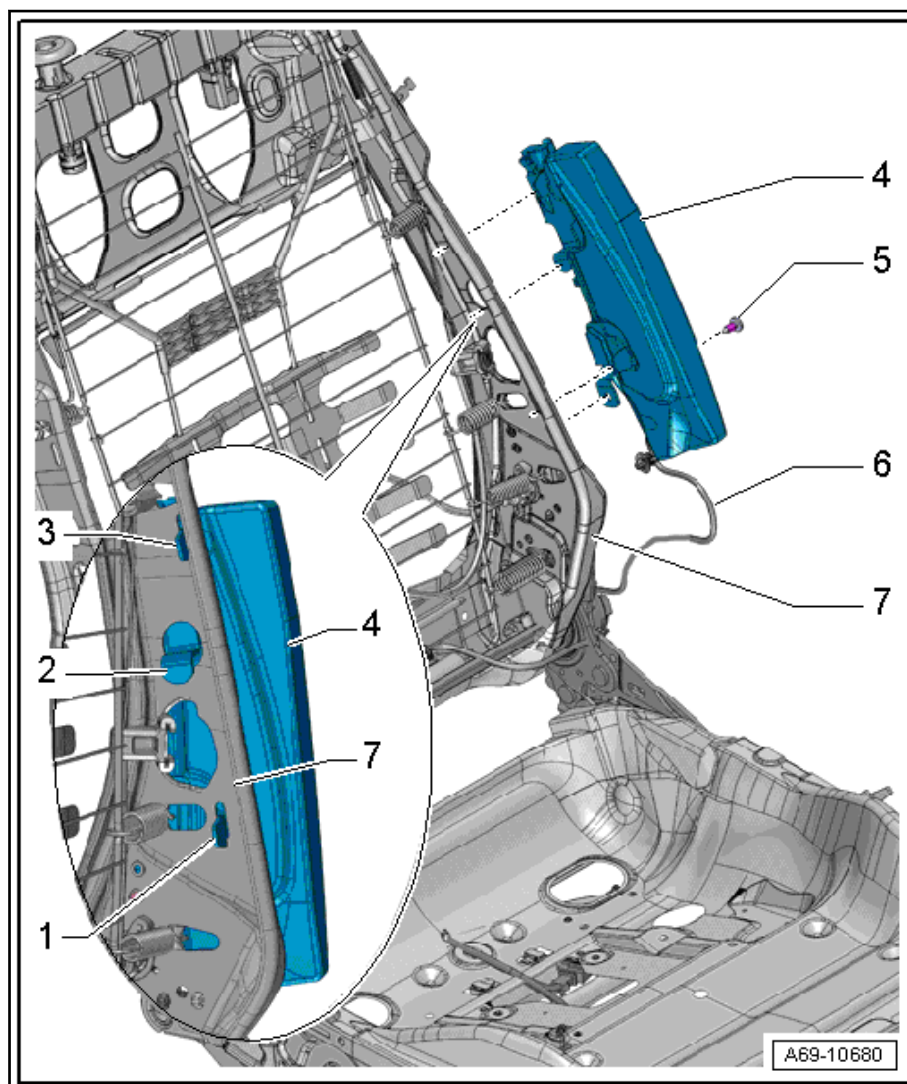
5 - Bolt

- ☐ 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



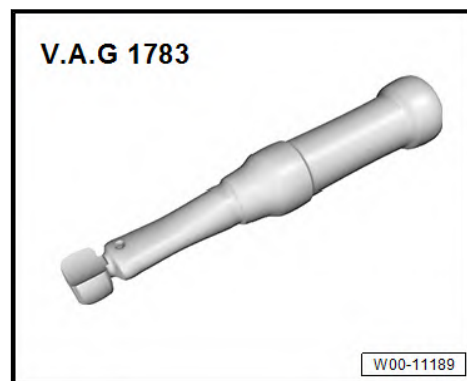
6.2 Removing and installing front side airbag with igniter

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

Special tools and workshop equipment required



◆ Torque wrench -V.A.G 1783-



Removing



Note

- ◆ *Observe general safety instructions for pyrotechnic components ➔ [page 1](#) .*
- ◆ *Observe the additional safety regulations for the side airbag ➔ [page 3](#) .*
- ◆ *Observe disposal regulations for pyrotechnic components ➔ [page 2](#) .*

- Switch on ignition.

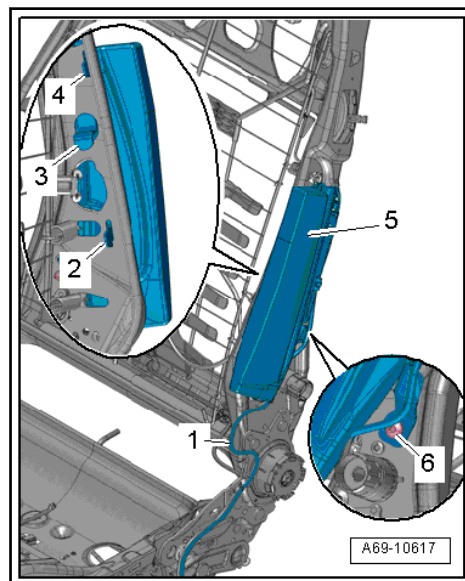


CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- **Discharge any static charge in your body by briefly touching the door striker plate.**
- Disconnect battery earth cable with ignition switched on
⇒ Electrical system; Rep. gr. 27; Battery; Connecting and disconnecting battery.
- Remove front seat ➔ [page 219](#) .
- 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, 4- from backrest frame.
- Remove side airbag -5-.
- 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:



Note

Observe general safety instructions for pyrotechnic components
⇒ [page 1](#).

CAUTION

Risk of injury from accidental triggering of pyrotechnic components.

- Battery should only ever be connected with ignition switched on.
 - Ensure that nobody is in vehicle when connecting battery.
 - If ignition is not switched on after reconnecting battery, only switch on ignition while sitting on driver seat in rearmost position.
-
- Connect battery earth cable with ignition switched on ⇒ Electrical system; Rep. gr. 27; Battery; Connecting and disconnecting battery.

Torque settings

- ◆ ⇒ [o6.1 overview - front side airbag](#), page 88

7 Curtain airbags

⇒ [o7.1 overview - curtain airbag", page 91](#)

⇒ [a7.2 nd installing curtain airbag with igniter", page 91](#)

7.1 Assembly overview - curtain airbag

1 - Bolt

- ☐ Renew after removal
- ☐ 4.5 Nm

2 - Curtain airbag

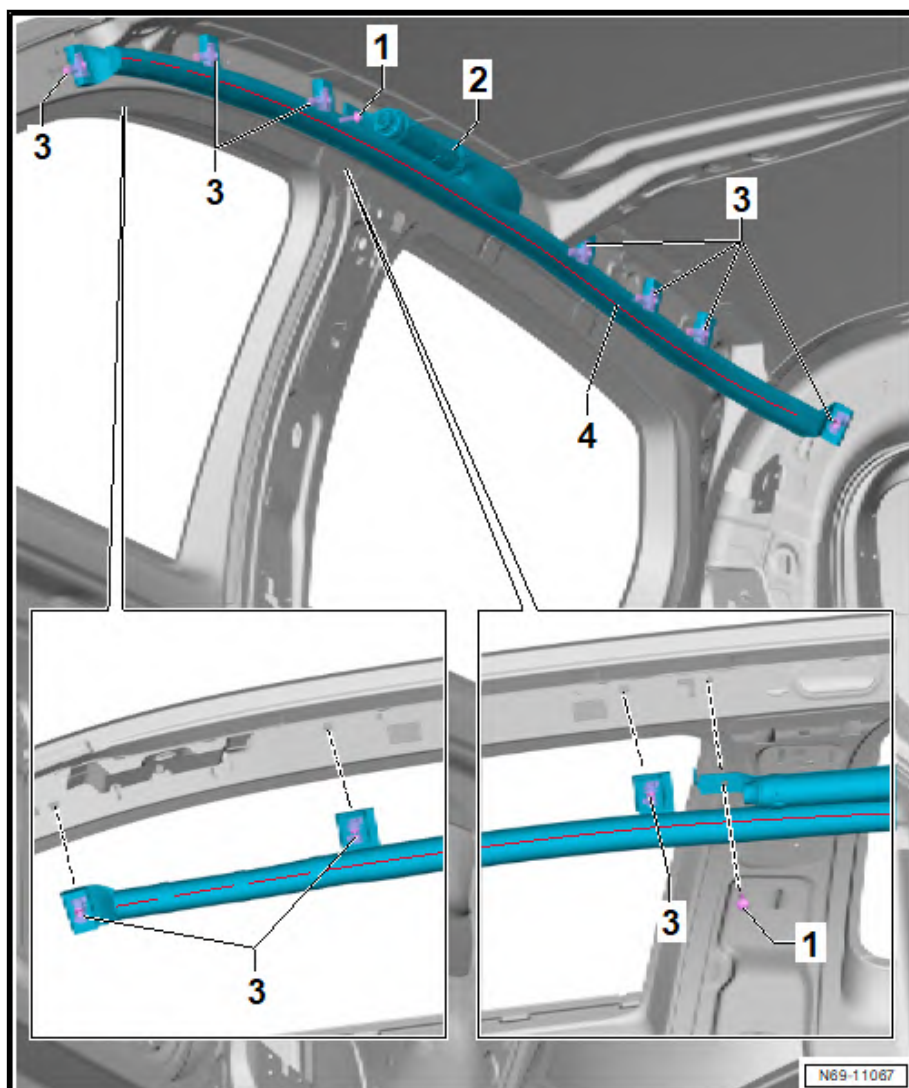
- ☐ With curtain airbag igniter -N251-/-N252-
- ☐ Removing and installing ⇒ [page 91](#)

3 - Retaining clip

- ☐ Qty. 7

4 - Line to prevent twisting

- ☐ Is used to ensure that curtain airbag is not twisted.
- ☐ Must be completely visible following installation.

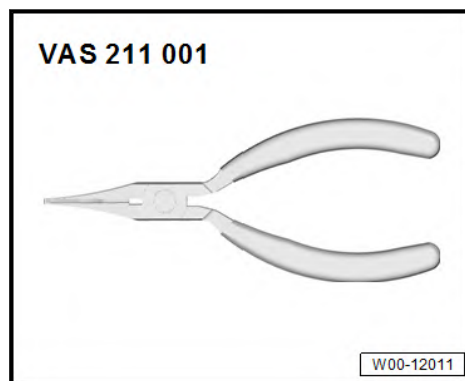


7.2 Removing and installing curtain airbag with igniter

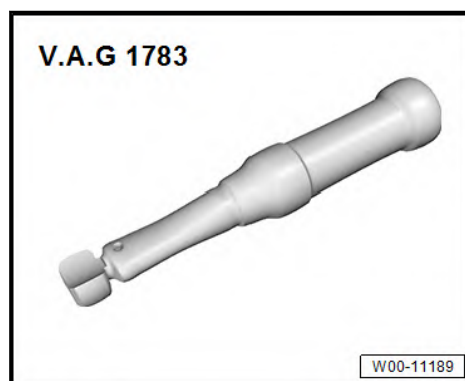
Special tools and workshop equipment required



◆ Adjusting pliers -VAS 211 001-



◆ Torque wrench -V.A.G 1783-



Removing



Note

- ◆ *Observe general safety instructions for pyrotechnic components ⇒ [page 1](#).*
- ◆ *Observe the additional safety instructions for the curtain air-bag ⇒ [page 4](#).*
- ◆ *Observe disposal regulations for pyrotechnic components ⇒ [page 2](#).*

- Switch on ignition.

DANGER

Danger to life from high voltage.

Severe or fatal injury from electric shock.

- High-voltage system must be de-energised by a suitably qualified technician.

CAUTION

Pyrotechnic components can trigger unintentionally.

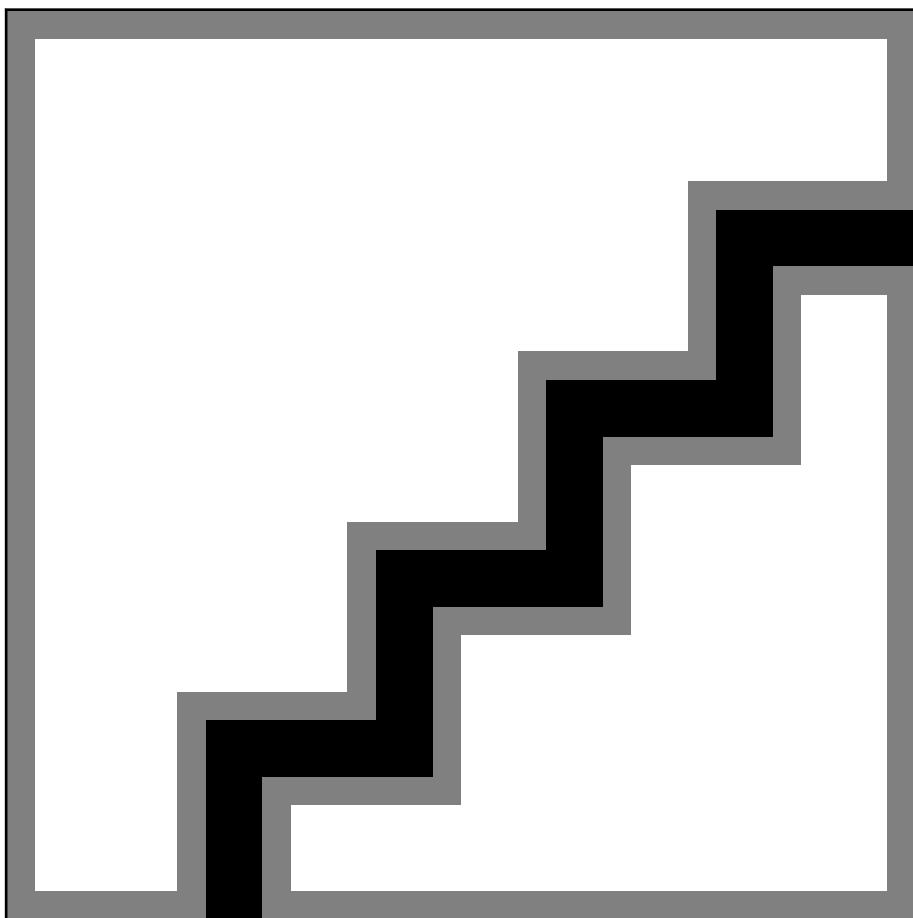
Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.

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



- Detach moulded headliner and place on head restraints ➤ [page 205](#).



Note

Locating element line -6- is of no significance for removal.

- Insert adjusting pliers -VAS 211 001- -item 11- as far as stop into openings -A- and -B-.
- Press together adjusting pliers -VAS 211 001- -item 11- -arrows- and pull out downwards.
- Repeat procedure for remaining clips -3-, -4-, -5-, -8-, -9- and -10-.

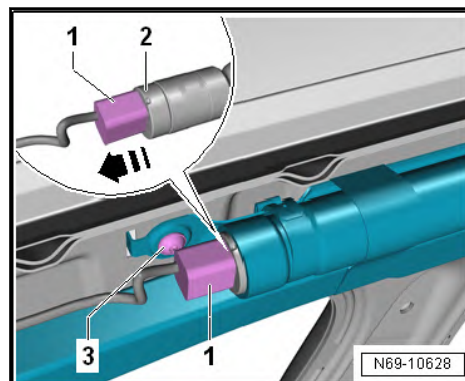


CAUTION

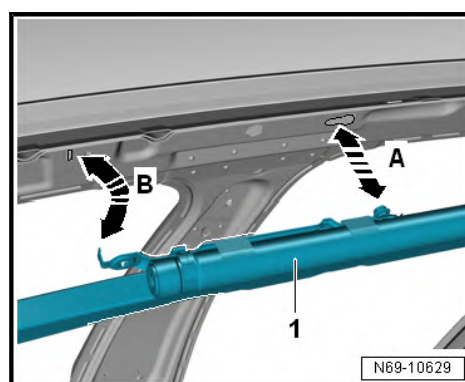
Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.
- Pull out connector lock.
- Release electrical connector -1- from curtain airbag with curtain airbag igniter -N251-/-N252- -item 2- and separate -arrow-.



- Unscrew bolt -3-
- Detach curtain airbag with curtain airbag igniter -N251-/-N252- -item 1- -arrow B- and push backwards.



- Detach curtain airbag with curtain airbag igniter -N251-/-N252- -item 1- at rear -arrow A- and remove.

Installing

Install in reverse order of removal, observing the following:



Note

Observe general safety instructions for pyrotechnic components
⇒ [page 1](#).

CAUTION

Risk of injury from accidental triggering.

- Always follow steps of procedure for installing curtain airbag in the given order.

CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.

- Fit retaining clips for curtain airbag with curtain airbag igniter -N251-/-N252- and engage.



Note

- ◆ *Sequence for retaining clips starting from gas generator to front and rear.*
- ◆ *After installing, pull metal clips at each securing point to check that they are fitted correctly.*
- ◆ *Ensure that installation is free of twists. Locating element line must be visible over entire length.*
- Connect electrical connector.
- Press in connector locking mechanism.



CAUTION

Risk of injury from accidental triggering of pyrotechnic components.

- Battery should only ever be connected with ignition switched on.
 - Ensure that nobody is in vehicle when connecting battery.
 - If ignition is not switched on after reconnecting battery, only switch on ignition while sitting on driver seat in rearmost position.
-
- 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, deleted and then read again ⇒ Vehicle diagnostic tester.

Torque settings

- ◆ [⇒ o7.1 overview - curtain airbag", page 91](#)



8 Airbag crash sensors

⇒ [o8.1 f fitting locations - airbag crash sensors", page 96](#)

⇒ [a8.2 nd installing front airbag crash sensor, driver sideG283", page 98](#)

⇒ [a8.3 nd installing front side airbag crash sensor G179/G180", page 100](#)

⇒ [a8.4 nd installing rear side airbag crash sensorG256/G257", page 106](#)

8.1 Overview of fitting locations - airbag crash sensors



Note

Installation location overview shows a 4-door model.



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

- ☐ 2-door model 08/2019 ➤
- ☐ Fitting location: on door trim
- ☐ Removing and installing ➔ [page 102](#)

2 - Rear side airbag crash sensor, front passenger side -G257-

- ☐ Vehicles 08/2019 ➤
- ☐ Fitting location: beneath wheel housing trim
- ☐ Removing and installing ➔ [page 106](#)

3 - Bolt

- ☐ 9 Nm

4 - Rear side airbag crash sensor, driver side -G256-

- ☐ Vehicles 08/2019 ➤
- ☐ Fitting location: beneath wheel housing trim
- ☐ Removing and installing ➔ [page 106](#)

5 - Bolt

- ☐ 9 Nm

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

- ☐ 2-door model 08/2019 ➤
- ☐ Fitting location: on door trim
- ☐ Removing and installing ➔ [page 102](#)

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

- ☐ Fitting location, 4-door model: below sill moulding
- ☐ Removing and installing ➔ [page 100](#)
- ☐ Safety precautions when handling crash sensors (pressure sensors) for front side airbags ➔ [page 4](#)

8 - Bolt

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

9 - Bolt

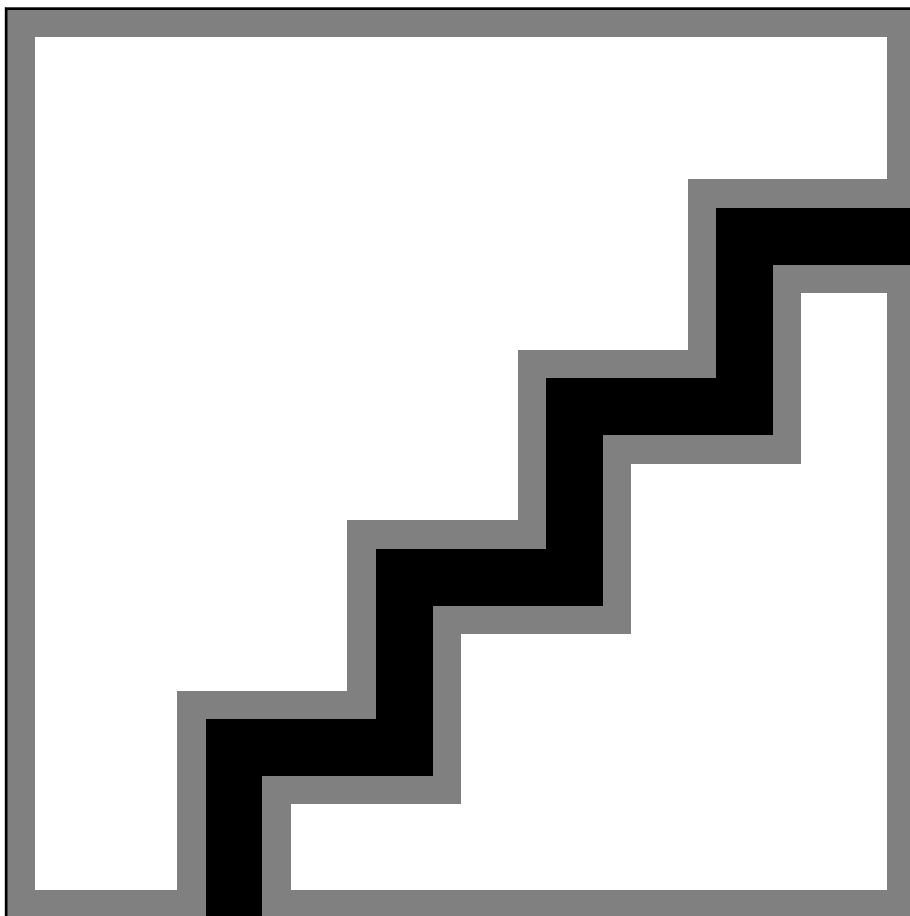
- ☐ 9 Nm

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

- ☐ Fitting location: on lock carrier in centre of vehicle.
- ☐ Removing and installing ➔ [page 98](#)

11 - Bolt

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





- ❑ 4-door model: 9 Nm

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

- ❑ Fitting location, 4-door model: below sill moulding
- ❑ Removing and installing ⇒ [page 100](#)
- ❑ Safety precautions when handling crash sensors (pressure sensors) for front side airbags ⇒ [page 4](#)

8.2 Removing and installing front airbag crash sensor, driver side -G283-

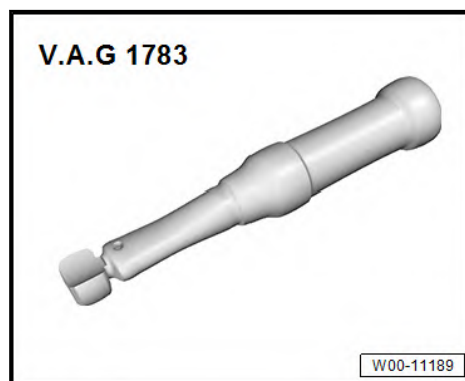


Note

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.

Special tools and workshop equipment required

- ◆ Torque wrench -V.A.G 1783-



Removing



Note

- ◆ *Observe general safety instructions for pyrotechnic components ⇒ [page 1](#).*
- ◆ *Observe disposal regulations for pyrotechnic components ⇒ [page 2](#).*
- Switch on ignition.

DANGER

Danger to life from high voltage.

Severe or fatal injury from electric shock.

- High-voltage system must be de-energised by a suitably qualified technician.

CAUTION

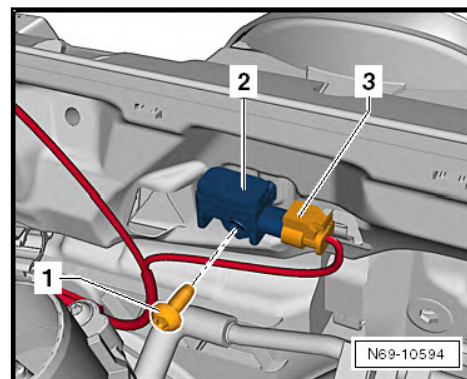
Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.



- Disconnect battery earth cable with ignition switched on
⇒ Electrical system; Rep. gr. 27; Battery; Connecting and disconnecting battery.
- Open bonnet.
- Unscrew bolt -1- and remove front airbag crash sensor for driver side -G283- -item 2-.



- Release electrical connector -3- from front airbag crash sensor for driver side -G283- -item 2- and separate.

Installing

Install in reverse order of removal, observing the following:



Note

Observe general safety instructions for pyrotechnic components
⇒ [page 1](#).



CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.



Note

- ◆ Ensure that the electrical connectors are pushed fully onto stop and are engaged.
- ◆ Ensure that no wires are trapped.



CAUTION

Risk of injury from accidental triggering of pyrotechnic components.

- Battery should only ever be connected with ignition switched on.
- Ensure that nobody is in vehicle when connecting battery.
- If ignition is not switched on after reconnecting battery, only switch on ignition while sitting on driver seat in rearmost position.



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

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

Torque settings

- ♦ ⇒ [o8.1 f fitting locations - airbag crash sensors", page 96](#)

8.3 Removing and installing front side airbag crash sensor -G179-/-G180-

⇒ [a8.3.1 nd installing front side airbag crash sensor G179/G180, 2-door model ➤ 07/2019", page 100](#)

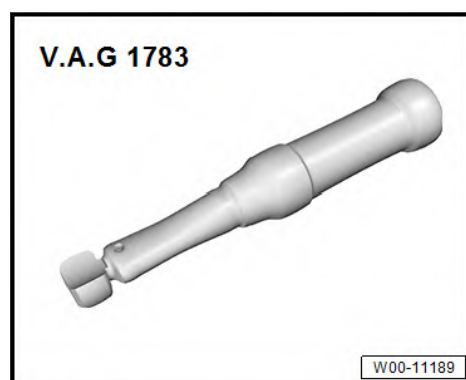
⇒ [a8.3.2 nd installing front side airbag crash sensor G179/G180, 2-door model 08/2019 ➤", page 102](#)

⇒ [a8.3.3 nd installing front side airbag crash sensor G179/G180, 4-door model", page 104](#)

8.3.1 Removing and installing front side airbag crash sensor -G179-/-G180-, 2-door model ➤ 07/2019

Special tools and workshop equipment required

- ♦ Torque wrench -V.A.G 1783-



Removing



Note

- ♦ *Observe general safety instructions for pyrotechnic components ⇒ [page 1](#).*
- ♦ *Observe safety precautions for crash sensors (pressure sensors) for front side airbags ⇒ [page 4](#).*
- Switch on ignition.

DANGER

Danger to life from high voltage.

Severe or fatal injury from electric shock.

- High-voltage system must be de-energised by a suitably qualified technician.

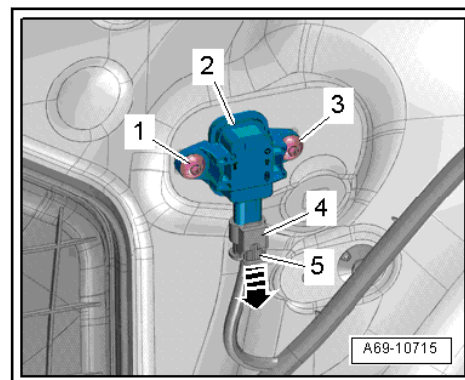


CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.
- Disconnect battery earth cable with ignition switched on
⇒ Electrical system; Rep. gr. 27; Connecting and disconnecting battery; Disconnecting battery.
- Remove door trim ⇒ [page 117](#) .



- Pull out connector locking mechanism -5- -arrow- and press down. Separate electrical connector -4- on front side airbag crash sensor -G179-/G180- -item 2-.
- Unscrew bolts -1, 3- and remove front side airbag crash sensor -G179-/G180- -item 2-.

Installing

Install in reverse order of removal, observing the following:



Note

- ◆ Observe general safety instructions for pyrotechnic components ⇒ [page 1](#) .
- ◆ Observe safety precautions for crash sensors (pressure sensors) for front side airbags ⇒ [page 4](#) .

CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.



Note

- ◆ *Ensure that the electrical connectors are pushed fully onto stop and are engaged.*
- ◆ *For the front side airbag crash sensor -G179-/-G180- 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 retaining clips.*
- ◆ *Ensure that no wires are trapped.*



CAUTION

Risk of injury from accidental triggering of pyrotechnic components.

- Battery should only ever be connected with ignition switched on.
 - Ensure that nobody is in vehicle when connecting battery.
 - If ignition is not switched on after reconnecting battery, only switch on ignition while sitting on driver seat in rearmost position.
- 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, deleted and then read again ⇒ Vehicle diagnostic tester.

Torque settings

- ◆ ⇒ [o8.1 f fitting locations - airbag crash sensors", page 96](#)

8.3.2 Removing and installing front side airbag crash sensor -G179-/-G180-, 2-door model 08/2019 ➤

Removing



Note

Observe general safety instructions for pyrotechnic components ⇒ [page 1](#).



DANGER

Danger to life from high voltage.

Severe or fatal injury from electric shock.

- High-voltage system must be de-energised by a suitably qualified technician.

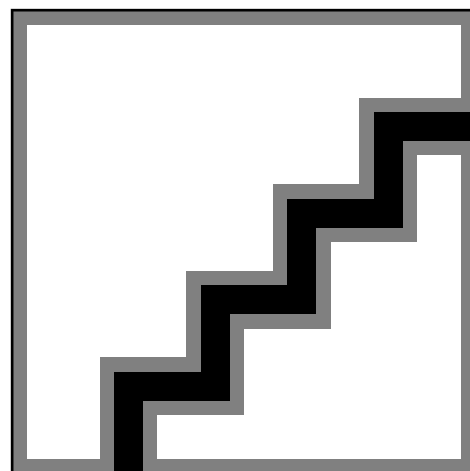


⚠ CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.
- Disconnect battery earth cable with ignition switched on
⇒ Electrical system; Rep. gr. 27; Connecting and disconnecting battery; Disconnecting battery.
- Remove front door trim ⇒ [page 117](#).
- Release and disconnect electrical connector -3-.



- Release fastener of front side airbag crash sensor -G179/-G180- -item 2-.
- Turn locking element for front side airbag crash sensor -G179/-G180- -item 2- about 45° in anti-clockwise direction -arrow-.
- Detach front side airbag crash sensor -G179/-G180- -item 2- from door cover -1- and remove.

Installing

Install in reverse order of removal, observing the following:



Note

- ◆ Observe general safety instructions for pyrotechnic components ⇒ [page 1](#).
- ◆ Observe safety precautions for crash sensors (pressure sensors) for front side airbags ⇒ [page 4](#).
- ◆ For the front side airbag crash sensor -G179/-G180- to function properly, it is vital to ensure that the door forms an effective seal.
- ◆ Ensure proper seating of seal.
- ◆ Renew front side airbag crash sensor -G179/-G180- if damaged.
- Turn locking element in clockwise direction.



⚠ CAUTION

Risk of injury from accidental triggering of pyrotechnic components.

- Battery should only ever be connected with ignition switched on.
- Ensure that nobody is in vehicle when connecting battery.
- If ignition is not switched on after reconnecting battery, only switch on ignition while sitting on driver seat in rearmost position.

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



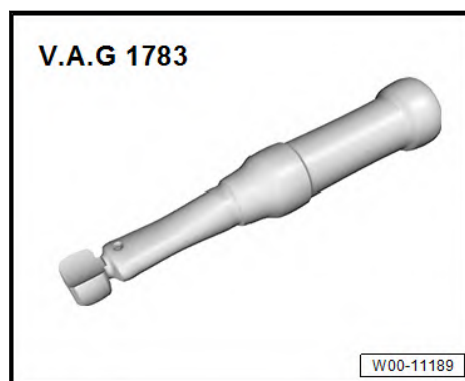
Note

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

8.3.3 Removing and installing front side airbag crash sensor -G179-/-G180-, 4-door model

Special tools and workshop equipment required

- ♦ Torque wrench -V.A.G 1783-



Removing



Note

- ♦ *Observe general safety instructions for pyrotechnic components ⇒ [page 1](#).*
- ♦ *Observe safety precautions for crash sensors (pressure sensors) for front side airbags ⇒ [page 4](#).*
- Switch on ignition.

⚠ DANGER

Danger to life from high voltage.

Severe or fatal injury from electric shock.

- High-voltage system must be de-energised by a suitably qualified technician.

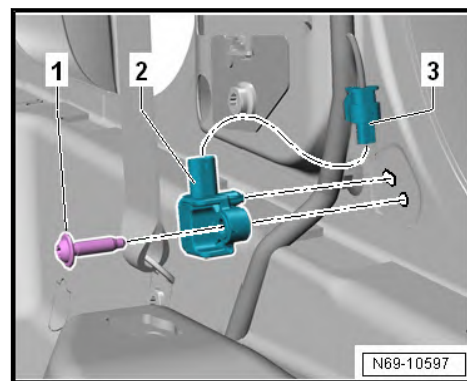


CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.
- Disconnect battery earth cable with ignition switched on
⇒ Electrical system; Rep. gr. 27; Connecting and disconnecting battery; Disconnecting battery.
- Remove sill panel moulding ⇒ [page 160](#).
- Disengage connector locking mechanism and separate electrical connector -3- on front side airbag crash sensor - G179-/-G180- -item 2-.



- Unscrew bolt -1- and remove front side airbag crash sensor -G179-/-G180- -item 2-.

Installing



Note

Observe general safety instructions for pyrotechnic components
⇒ [page 1](#).

CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.

Install in reverse order of removal, observing the following:



Note

- ◆ Ensure that the electrical connectors are pushed fully onto stop and are engaged.
- ◆ Ensure that no wires are trapped.



⚠ CAUTION

Risk of injury from accidental triggering of pyrotechnic components.

- Battery should only ever be connected with ignition switched on.
- Ensure that nobody is in vehicle when connecting battery.
- If ignition is not switched on after reconnecting battery, only switch on ignition while sitting on driver seat in rearmost position.

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

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

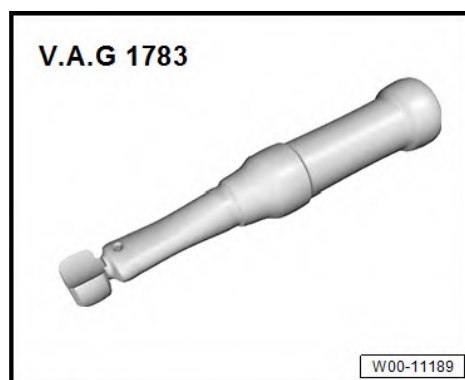
Torque settings

- ♦ ⇒ [o8.1 f fitting locations - airbag crash sensors", page 96](#)

8.4 Removing and installing rear side airbag crash sensor -G256-/-G257-

Special tools and workshop equipment required

- ♦ Torque wrench -V.A.G 1783-



Removing



Note

Observe general safety instructions for pyrotechnic components
⇒ [page 1](#).

- Switch on ignition.

⚠ DANGER

Danger to life from high voltage.

Severe or fatal injury from electric shock.

- High-voltage system must be de-energised by a suitably qualified technician.

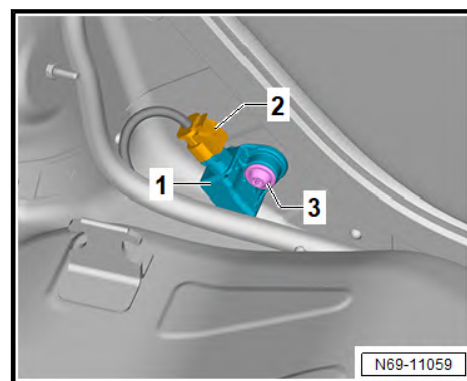


⚠ CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.
- Disconnect battery earth cable with ignition switched on
⇒ Electrical system; Rep. gr. 27; Connecting and disconnecting battery; Disconnecting battery.
- Remove lower C-pillar trim ⇒ [page 173](#) .
- Remove sill strip ⇒ [page 160](#) .
- Release and disconnect electrical connector -2-.



- Unscrew bolt -3-
- Remove rear side airbag crash sensor -G256/-G257-
-item 1-.

Installing

Install in reverse order of removal, observing the following:



Note

Observe general safety instructions for pyrotechnic components
⇒ [page 1](#) .

⚠ CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.
- Push connector locking mechanism inwards. This secures the connector.



Note

- ◆ Ensure that the electrical connectors are pushed fully onto stop and are engaged.
- ◆ Ensure that no wires are trapped.



CAUTION

Risk of injury from accidental triggering of pyrotechnic components.

- Battery should only ever be connected with ignition switched on.
- Ensure that nobody is in vehicle when connecting battery.
- If ignition is not switched on after reconnecting battery, only switch on ignition while sitting on driver seat in rearmost position.

- 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, deleted and then read again ⇒ Vehicle diagnostic tester.

Torque settings

- ♦ ⇒ [o8.1 f fitting locations - airbag crash sensors", page 96](#)



9 Seat belt verification

⇒ [a9.1 nd installing Seat occupied sensor, front passenger side G128", page 109](#)

9.1 Removing and installing Seat occupied sensor, front passenger side -G128-



Note

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

Removing, version 1



Note

*Observe general safety instructions for pyrotechnic components
⇒ [page 1](#) .*



DANGER

Danger to life from high voltage.

Severe or fatal injury from electric shock.

- High-voltage system must be de-energised by a suitably qualified technician.

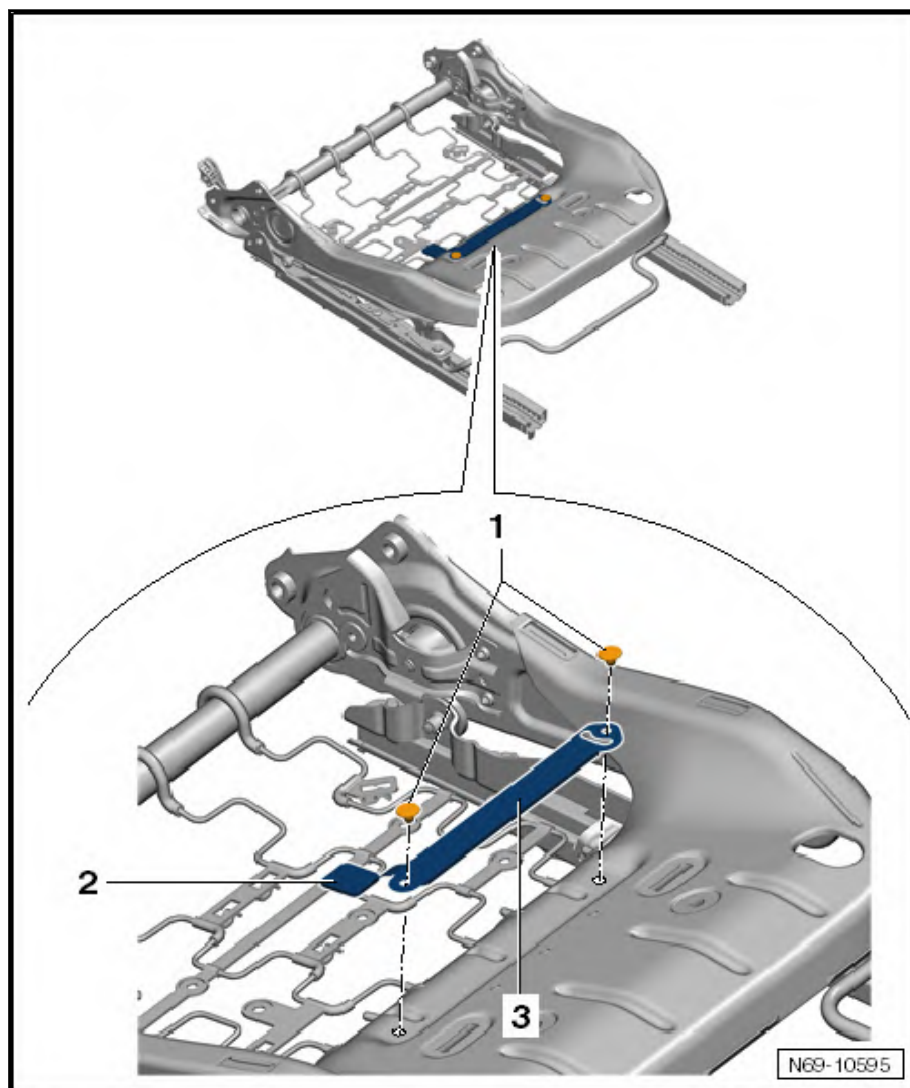


CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.
- Disconnect battery earth cable with ignition switched on
⇒ Electrical system; Rep. gr. 27; Battery; Connecting and disconnecting battery.
- Remove front seat ⇒ [page 219](#) .
- Remove front belt buckle ⇒ [page 66](#) .
- Remove front seat trims ⇒ [page 219](#) .
- Remove front seat backrest ⇒ [page 236](#) .
- Remove seat cover and padding from seat pan ⇒ [page 253](#) .
- Unclip clips -1- from seat frame.
- Remove seat occupied sensor on front passenger side - G128- -item 3- with printed circuit -3- from seat frame.



Installing, version 1

Install in reverse order of removal, observing the following:



Note

Observe general safety instructions for pyrotechnic components
⇒ [page 1](#).



CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.



Note

Ensure that the electrical connectors are pushed fully onto stop and are engaged.



⚠ CAUTION

Risk of injury from accidental triggering of pyrotechnic components.

- Battery should only ever be connected with ignition switched on.
- Ensure that nobody is in vehicle when connecting battery.
- If ignition is not switched on after reconnecting battery, only switch on ignition while sitting on driver seat in rearmost position.

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

If airbag warning lamp -K75- indicates a fault following installation, event memory must be read, deleted and then 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



Note

Observe general safety instructions for pyrotechnic components ⇒ [page 1](#).

⚠ DANGER

Danger to life from high voltage.

Severe or fatal injury from electric shock.

- High-voltage system must be de-energised by a suitably qualified technician.

⚠ CAUTION

Pyrotechnic components can trigger unintentionally.

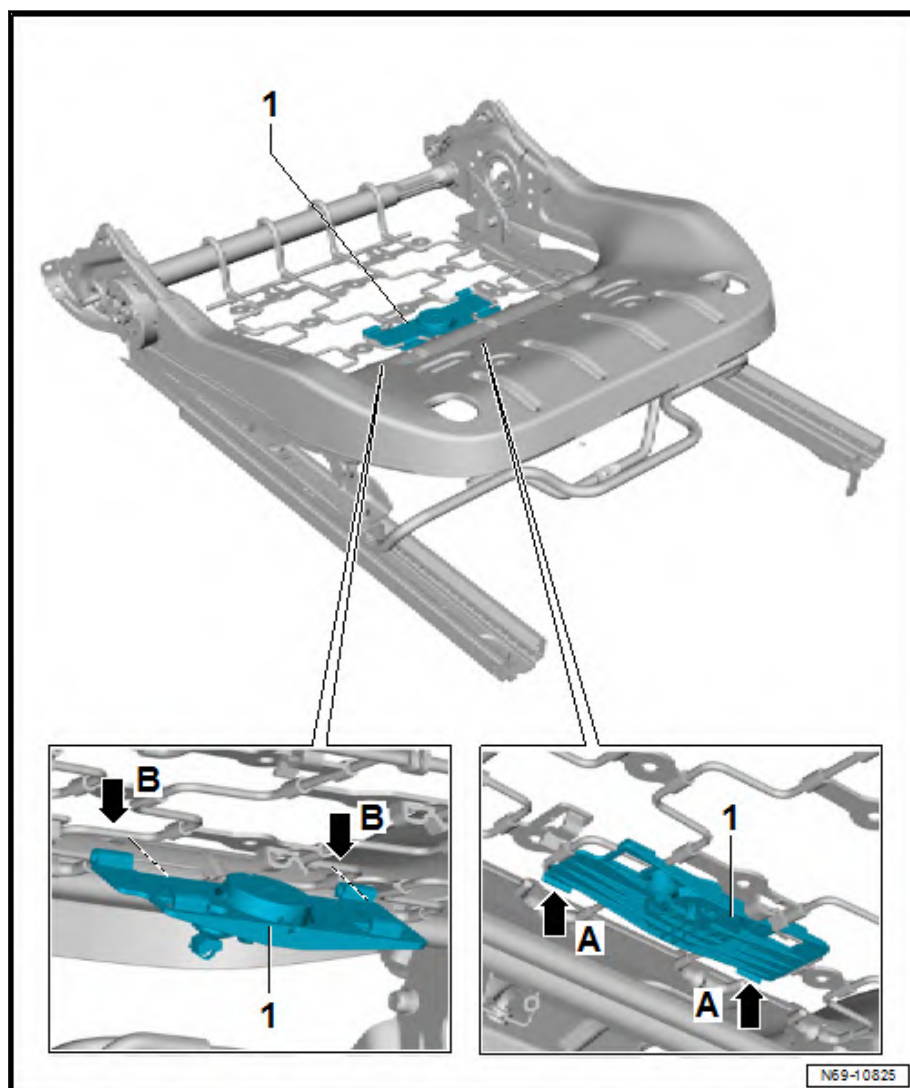
Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.

- Disconnect battery earth cable with ignition switched on ⇒ Electrical system; Rep. gr. 27; Battery; Connecting and disconnecting battery.
- Remove front seat ⇒ [page 219](#).
- Remove front belt buckle ⇒ [page 66](#).
- Remove front seat trims ⇒ [page 219](#).
- Remove front seat backrest ⇒ [page 236](#).
- Remove seat cover and padding from seat pan ⇒ [page 253](#).
- Unclip seat occupied sensor, front passenger side -G128- -item 1- from cross-wires of wire mat -arrows A-, and fold it up slightly.
- Detach seat occupied sensor, front passenger side -G128- -item 1- from cross-wires of wire mat -arrows B-.



- Disconnect seat occupied sensor, front passenger side - G128- -item 1-.



Installing, version 2

Install in reverse order of removal, observing the following:



Note

Observe general safety instructions for pyrotechnic components
⇒ [page 1](#).



CAUTION

Pyrotechnic components can trigger unintentionally.
Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.



Note

Ensure that the electrical connectors are pushed fully onto stop and are engaged.



CAUTION

Risk of injury from accidental triggering of pyrotechnic components.

- Battery should only ever be connected with ignition switched on.
 - Ensure that nobody is in vehicle when connecting battery.
 - If ignition is not switched on after reconnecting battery, only switch on ignition while sitting on driver seat in rearmost position.
-
- Connect battery earth cable with ignition switched on ⇒ Electrical system; Rep. gr. 27; Battery; Connecting and disconnecting battery.

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



10 Seat occupied recognition

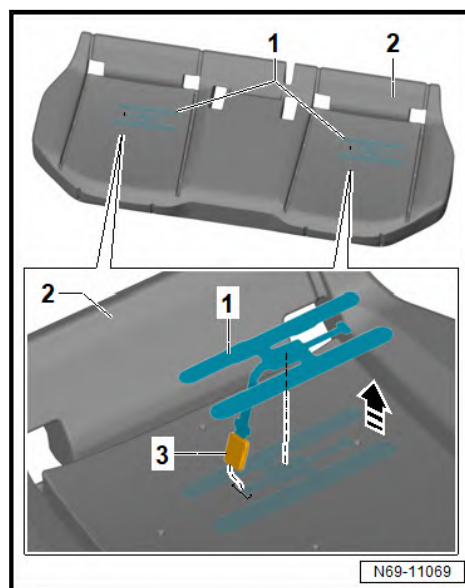
⇒ [a10.1 nd installing seat occupied recognition", page 114](#)

10.1 Removing and installing seat occupied recognition

⇒ [a10.1.1 nd installing rear seat occupied sensorG177/G178", page 114](#)

10.1.1 Removing and installing rear seat occupied sensor -G177-/G178-

- Remove bench seat/individual seats ⇒ [page 241](#) .
- Release and disconnect electrical connector -3-.



- Guide out electrical wire.
- Remove rear seat occupied sensor -G177-/G178- -item 1- from seat padding -2- -arrow-.

Installing

Install in reverse order of removal, observing the following:



Note

If airbag warning lamp -K75- indicates an event following installation, event memory must be read, deleted and then read again ⇒ Vehicle diagnostic tester.



70 – Trim, insulation

1 Front door trims

⇒ [o1.1 verview - front door trim", page 115](#)

⇒ [a1.2 nd installing front door trim", page 117](#)

⇒ [a1.3 nd installing mirror cover trim", page 121](#)

1.1 Assembly overview - front door trim

⇒ [o1.1.1 verview - front door trim, vehicles without electric window regulator", page 115](#)

⇒ [o1.1.2 verview - front door trim, vehicles with electric window regulators", page 116](#)

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 117](#)

2 - Interior door handle

- ❑ Can only be renewed together with front door trim

3 - Mirror cover trim

- ❑ Removing and installing ➔ [page 121](#)

4 - Operating handle

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

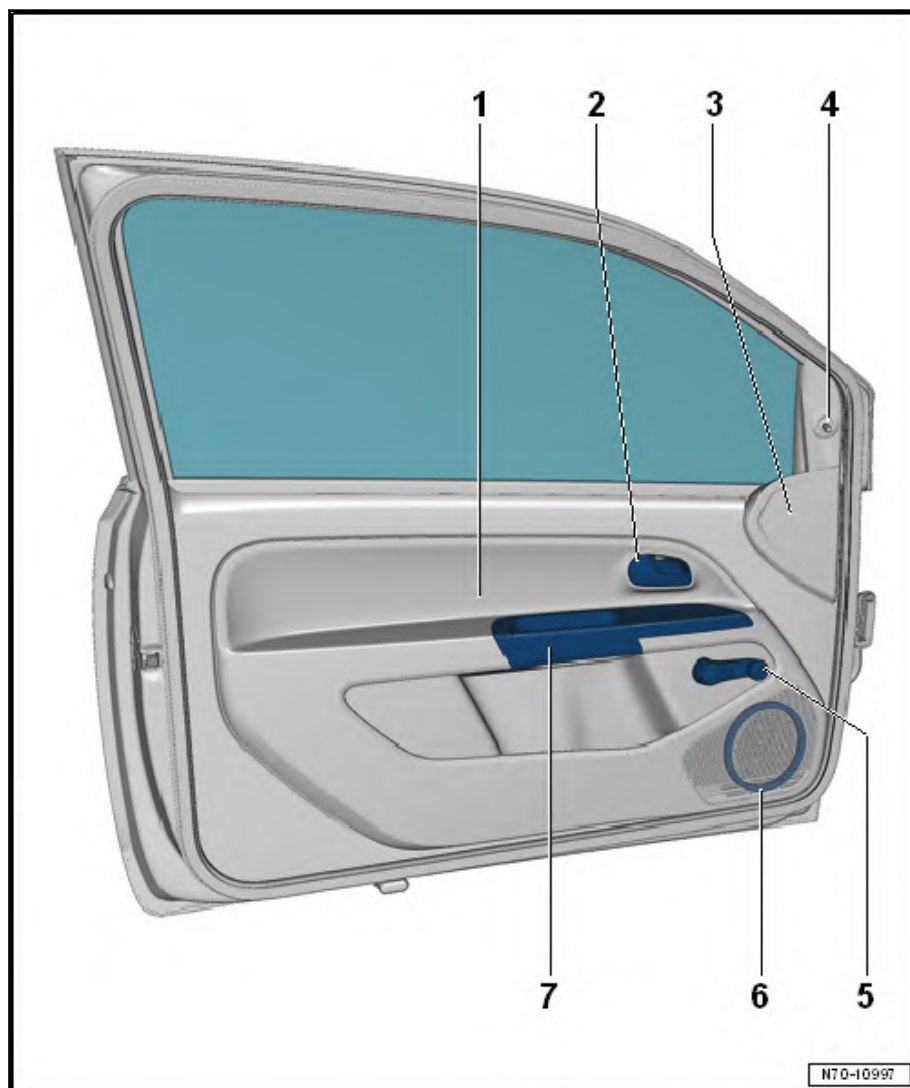
5 - Window crank

- ❑ 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 121](#)

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 117](#)

2 - Interior door handle

- ☐ Can only be renewed together with front door trim

3 - Mirror cover trim

- ☐ Removing and installing ➤ [page 121](#)

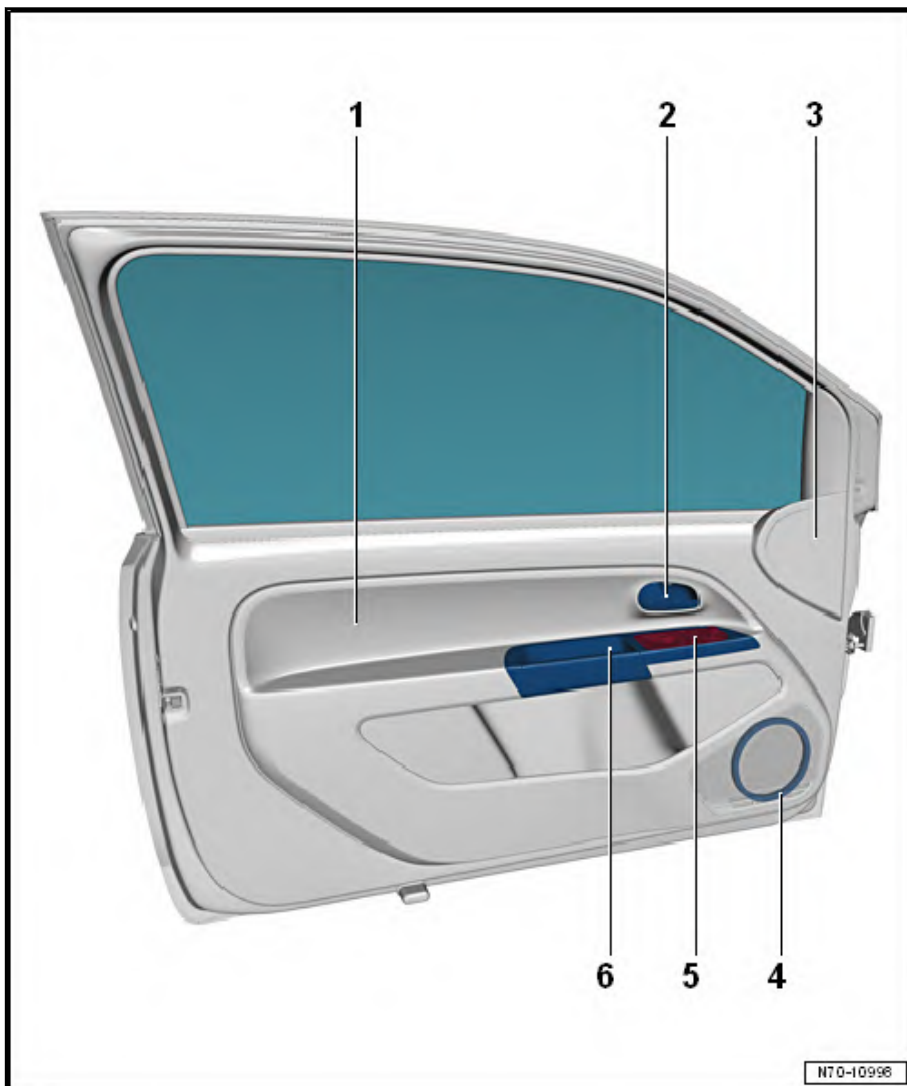
4 - Speaker damping

- ☐ Removing and installing ➤ [page 121](#)

5 - Switch module

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

6 - Handle



N70-10998

1.2 Removing and installing front door trim

➤ [a1.2.1 nd installing front door trim", page 117](#)

➤ [a1.2.2 nd installing front speaker damping", page 121](#)

1.2.1 Removing and installing front door trim

Special tools and workshop equipment required

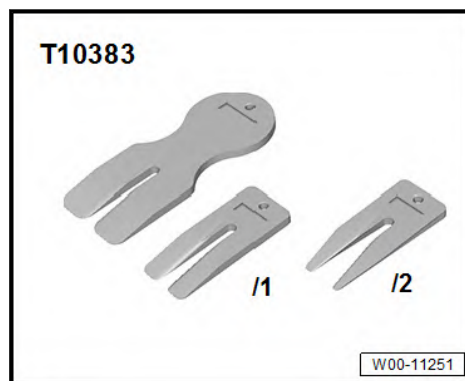
- ◆ Removal wedge -3409-



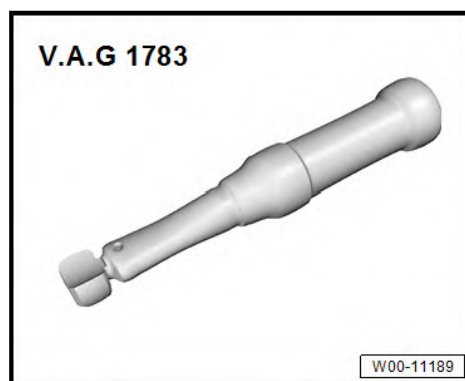
W00-11118



◆ 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

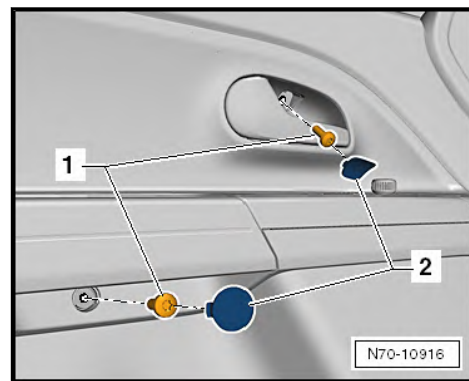
- Remove window crank ⇒ General body repairs, exterior; Rep. gr. 64; Window regulator; Removing and installing front window crank.

Vehicles with electric window regulators

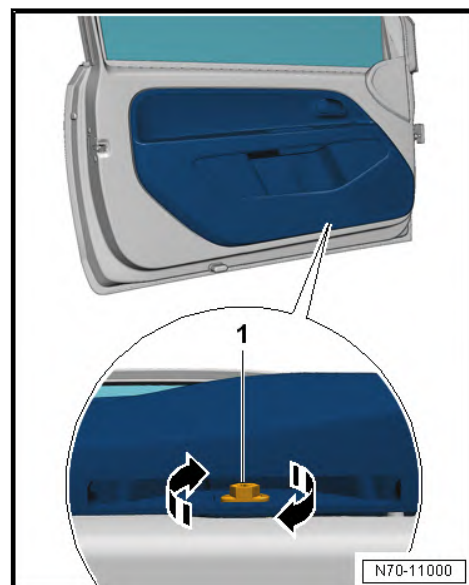
- Switch off ignition and all electrical consumers, and withdraw ignition key.

Continued for all vehicles

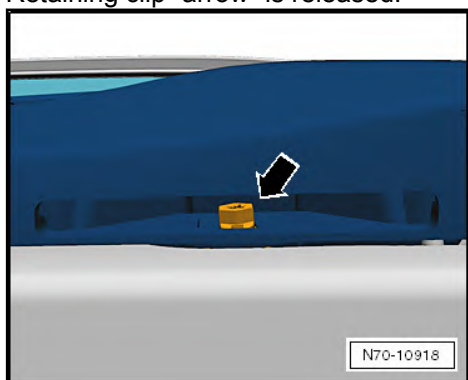
- Unclip caps -2- using removing wedge -3409- and unscrew bolts -1-.



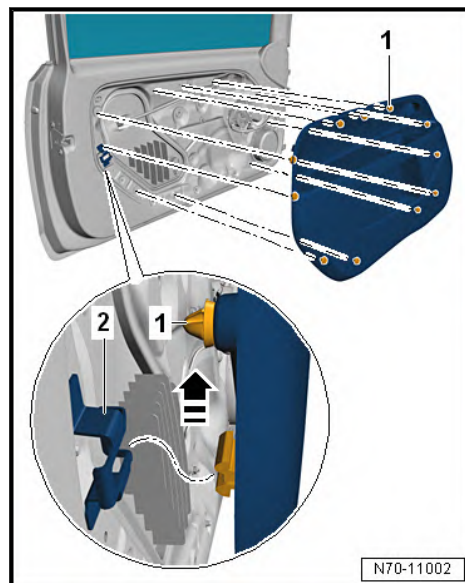
- Release retaining clip -1- by turning it 90° -arrows- using a 10 mm open-end spanner.



- Retaining clip -arrow- is released.



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



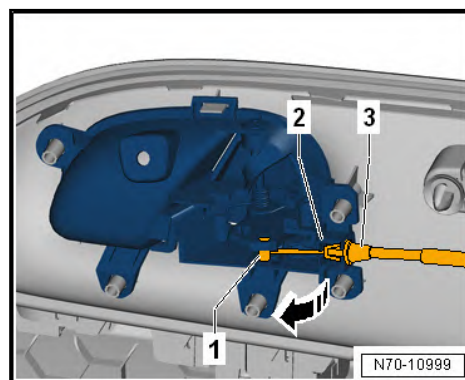
- Push door trim in direction of travel -arrow- out of retaining clip -2-.
- Remove door trim from door.

Vehicles with electric window regulators

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

Continued for all vehicles

- Release retaining hook 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.

Torque settings

Component	Torque setting
Bolts	4.5 Nm

1.2.2 Removing and installing front speaker damping

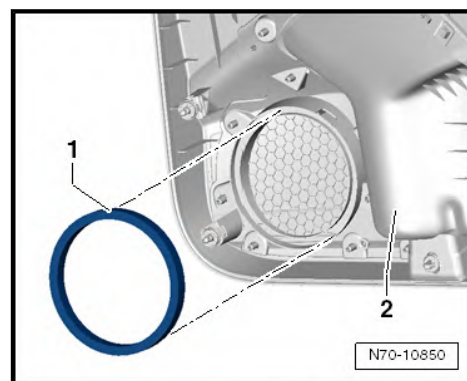


Note

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

Removing

- Remove front door trim ➤ [page 117](#) .
- Remove loudspeaker insulation -1- from trim -2-.



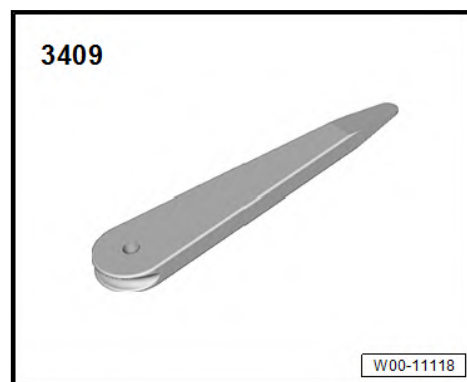
Installing

Install in reverse order of removal.

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.

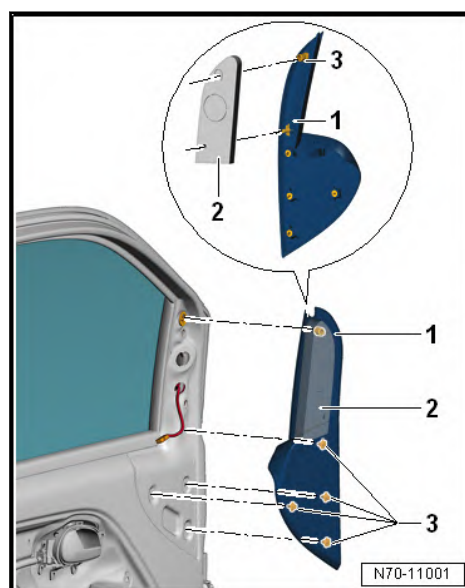
Removing

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.

Install in reverse order of removal.



2 Rear door trims

⇒ [o2.1 verview - rear door trim", page 123](#)

⇒ [a2.2 nd installing rear door trim", page 124](#)

2.1 Assembly overview - rear door trim

⇒ [o2.1.1 verview - rear door trim", page 123](#)

⇒ [o2.1.2 verview - rear door trim, load-up!", page 124](#)

2.1.1 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 124](#)

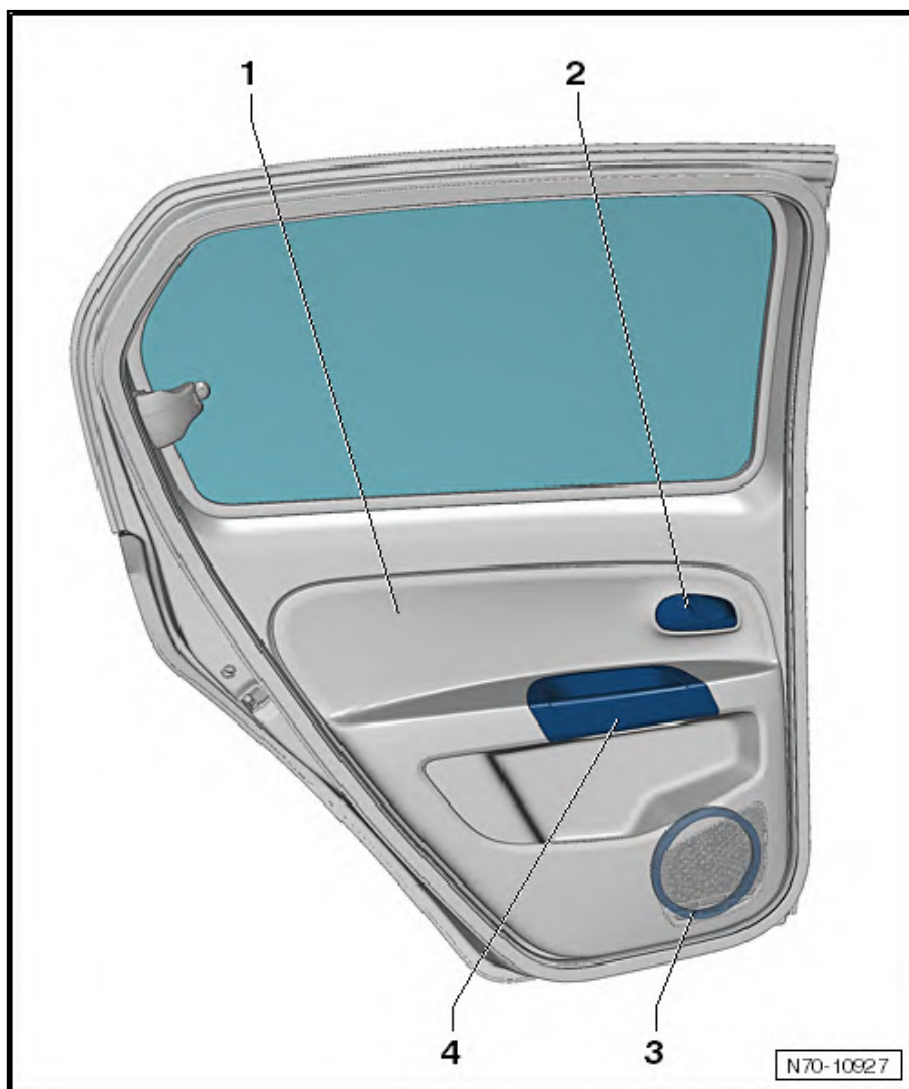
2 - Interior door handle

- ☐ Can only be renewed together with rear door trim

3 - Speaker damping

- ☐ Removing and installing ⇒ [page 130](#)

4 - Handle





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



Note

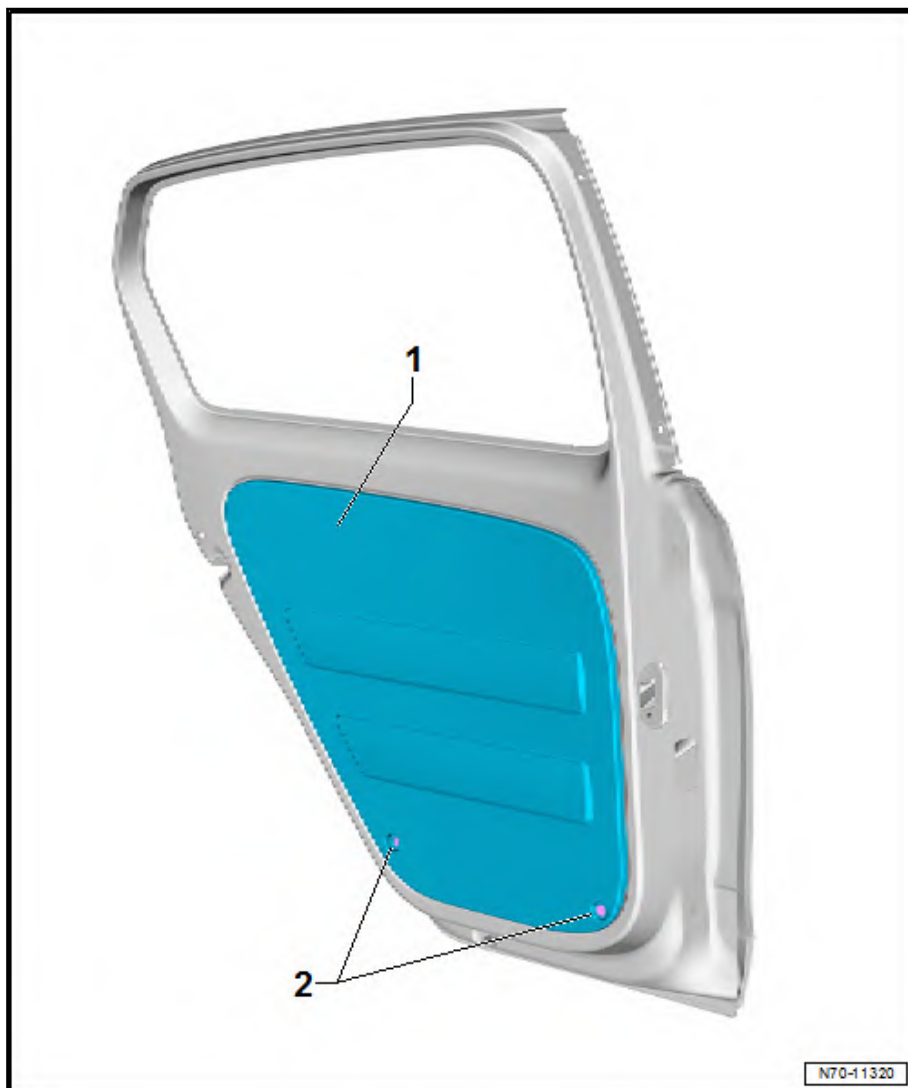
- ◆ The assembly overview is shown for the driver side.
- ◆ The assembly overview for the front passenger side is analogous.

1 - Rear door trim

- ❑ Removing and installing ⇒ [page 128](#)

2 - Fastener

- ❑ Qty. 2



2.2 Removing and installing rear door trim

⇒ [a2.2.1 nd installing rear door trim", page 124](#)

⇒ [a2.2.2 nd installing rear door trim, load-up!", page 128](#)

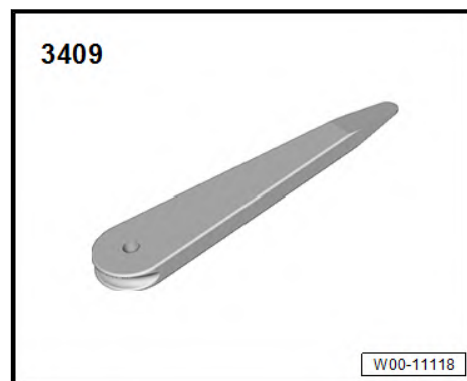
⇒ [a2.2.3 nd installing rear speaker damping", page 130](#)

2.2.1 Removing and installing rear door trim

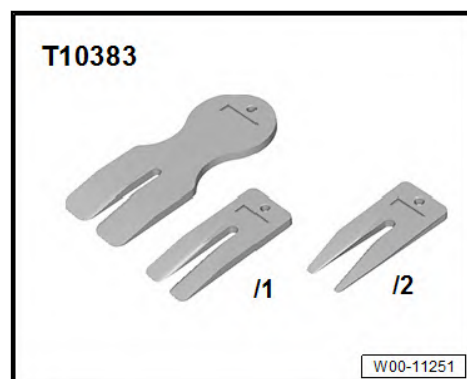
Special tools and workshop equipment required



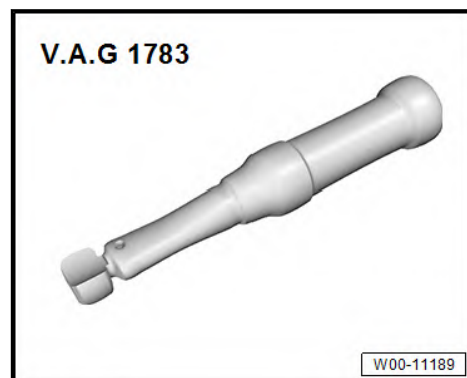
◆ Removal wedge -3409-



◆ Wedges -T10383-



◆ Torque wrench -V.A.G 1783-

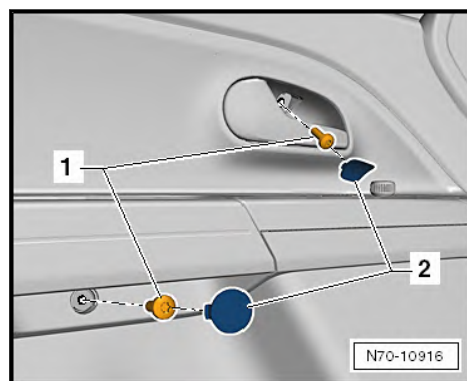


Note

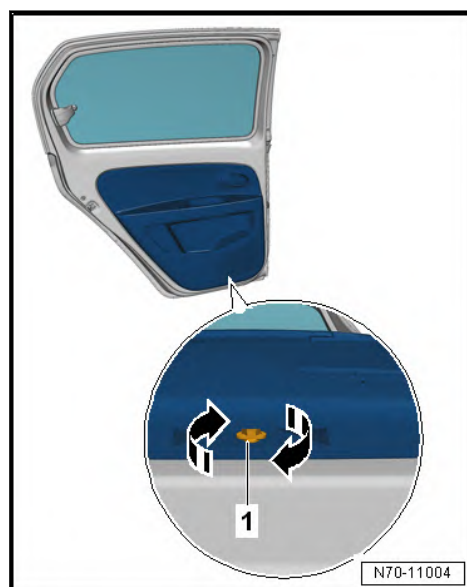
Removal and installation is described for the driver side. Removal and installation on the front passenger side is analogous.

Removing

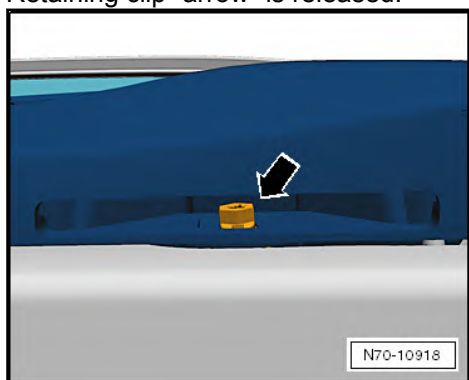
- Unclip caps -2- using removing wedge -3409- and unscrew bolts -1-.



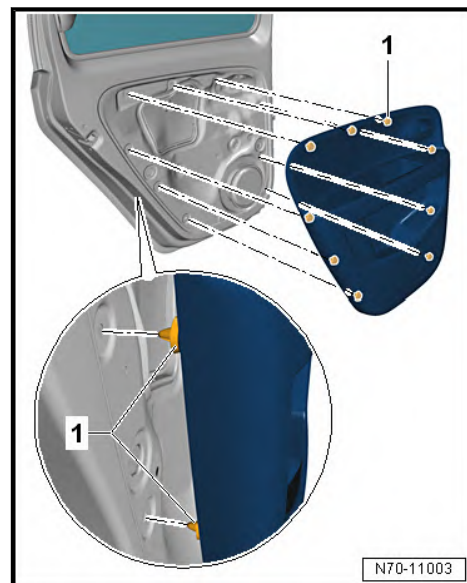
- Release retaining clip -1- by turning it 90° -arrows- using a 10 mm open-end spanner.



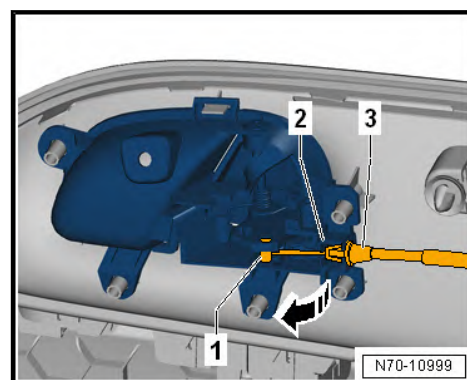
- Retaining clip -arrow- is released.



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



- Remove door trim from door.
- Release retaining hook 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.

Torque settings

Component	Torque setting
Bolts	4.5 Nm



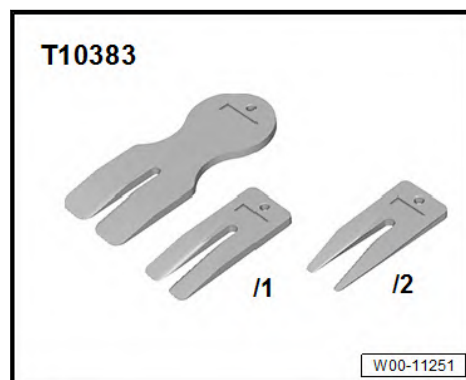
2.2.2 Removing and installing rear door trim, load-up!

Special tools and workshop equipment required

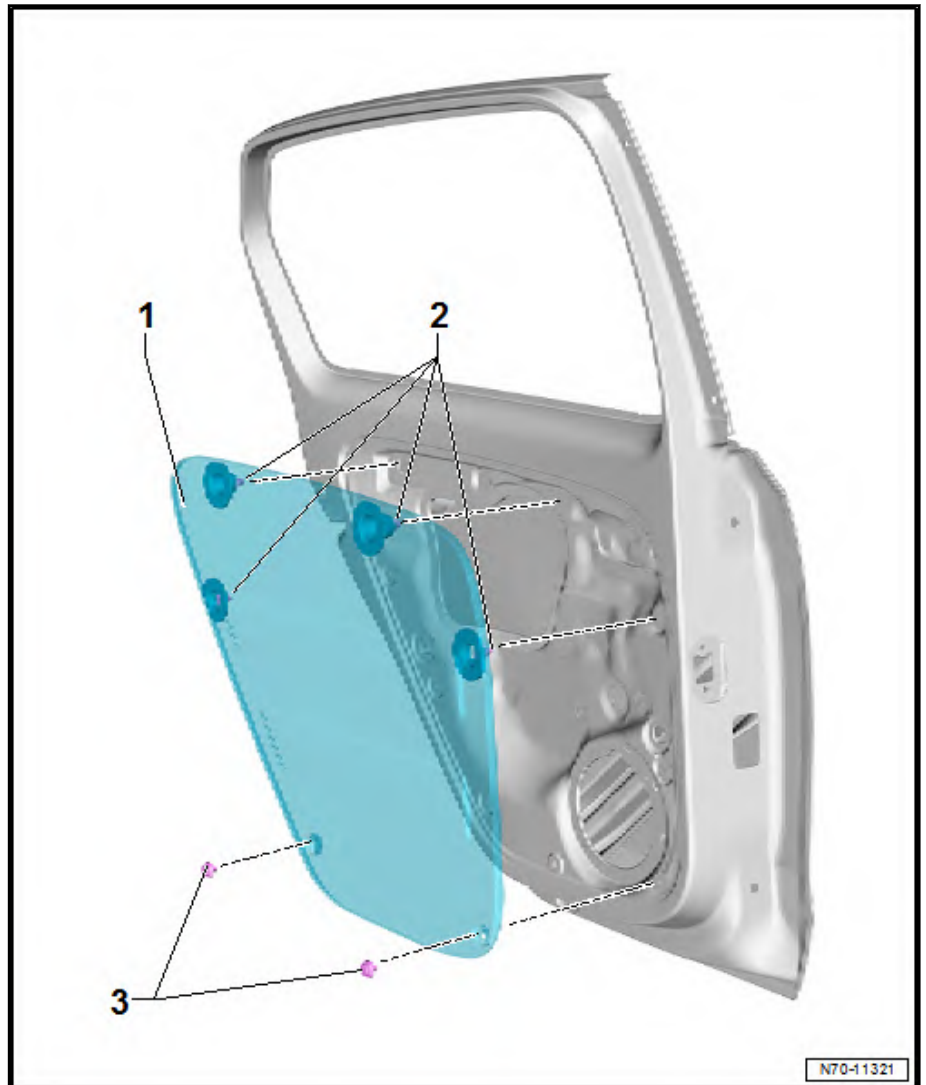
- ◆ Removal wedge -3409-



- ◆ 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.



2.2.3 Removing and installing rear speaker damping



Note

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

Removing

4-door

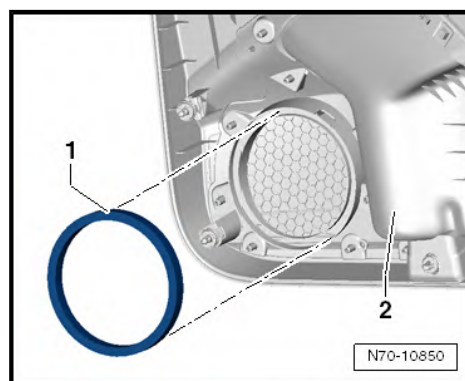
- Remove rear door trim ➔ [page 124](#) .

2-door

- Remove side trim panel ➔ [page 178](#) .

Continued for all vehicles

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



Installing

Install in reverse order of removal.



3 Dash panel

⇒ [o3.1 verview - dash panel", page 131](#)

⇒ [a3.2 nd installing dash panel end cover", page 131](#)

⇒ [a3.3 nd installing radio/navigation system mounting frame", page 132](#)

⇒ [a3.4 nd installing dash panel", page 135](#)

3.1 Assembly overview - dash panel

1 - Dash panel

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

2 - Dash panel insert

- ☐ Removing and installing ⇒ Electrical system; Rep. gr. 90; Dash panel insert; Removing and installing dash panel insert

3 - Mounting frame for radio/navigation system

- ☐ Depending on equipment
- ☐ Removing and installing ⇒ [page 132](#)

4 - Dash panel end cover

- ☐ Removing and installing ⇒ [page 131](#)

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

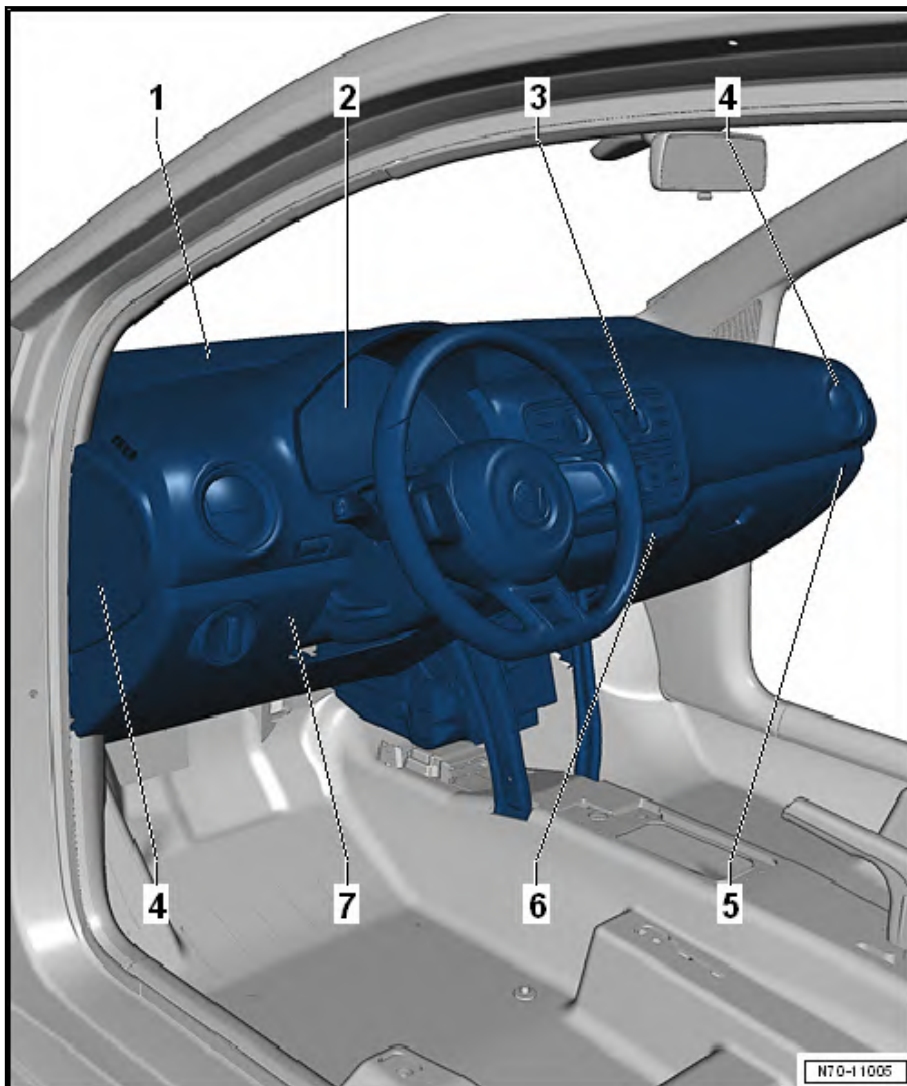
- ☐ Depending on equipment
- ☐ Assembly overview - glove compartment ⇒ [page 15](#)
- ☐ Removing and installing dash panel cover on front passenger side ⇒ [page 24](#)

6 - Centre console decorative strip

- ☐ Removing and installing ⇒ [page 38](#)

7 - Driver side dash panel cover

- ☐ Removing and installing ⇒ [page 17](#)

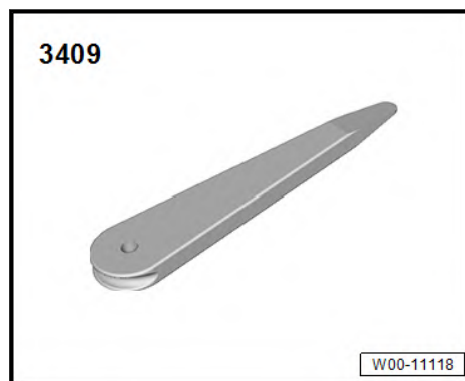


3.2 Removing and installing dash panel end cover

Special tools and workshop equipment required



◆ Removal wedge -3409-

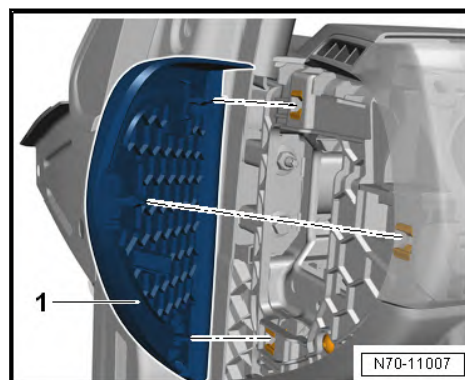


Note

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.

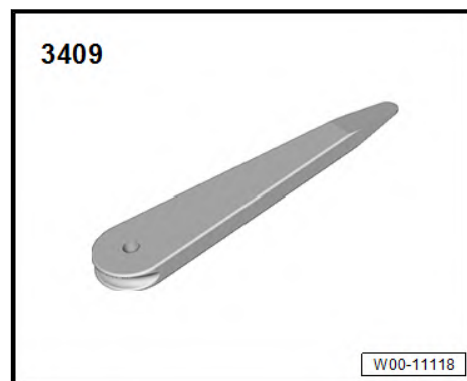
Install in reverse order of removal.

3.3 Removing and installing radio/navigation system mounting frame

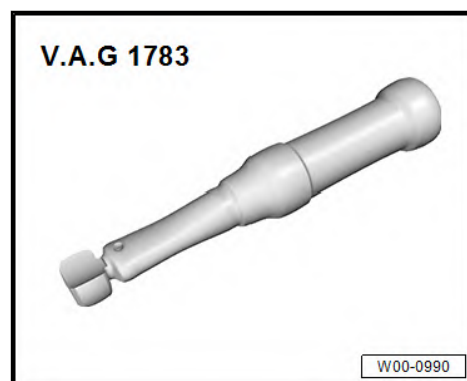
Special tools and workshop equipment required



◆ Removal wedge -3409-

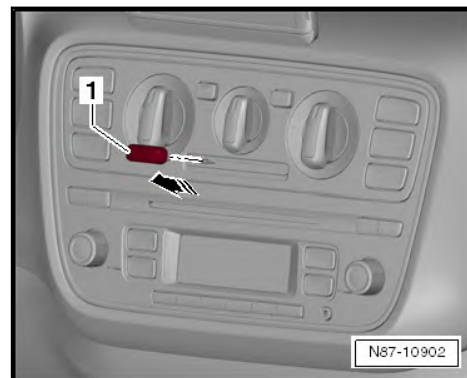


◆ Torque wrench -V.A.G 1783-

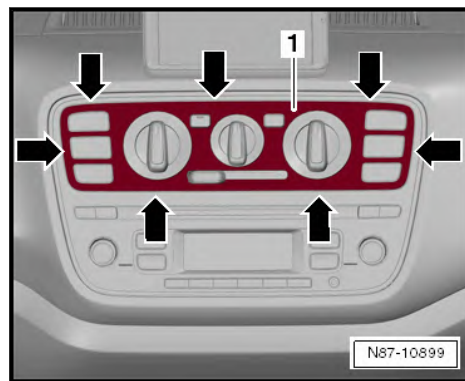


Removing

- 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-.



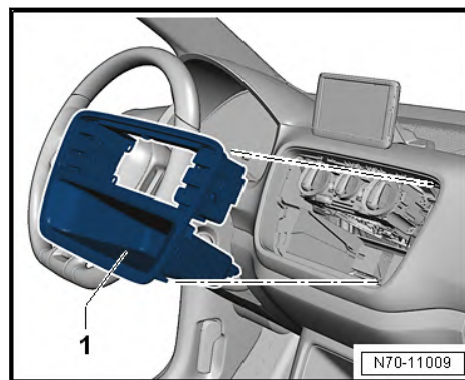
- Remove trim -1-.

Vehicles without radio/navigation system

- Unscrew bolts -1-.



- 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

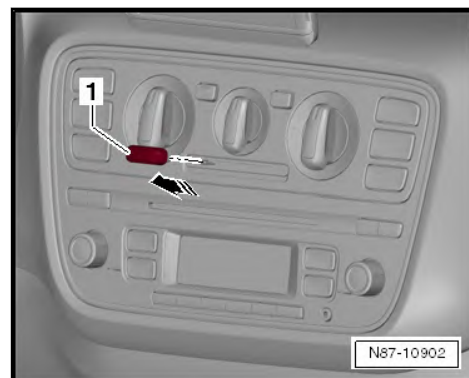


Note

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.

Torque settings

Component	Torque setting
Bolts	1.5 Nm

3.4 Removing and installing dash panel

⇒ [a3.4.1 nd installing dash panel", page 135](#)

⇒ [d3.4.2 ash panel in vehicle", page 140](#)

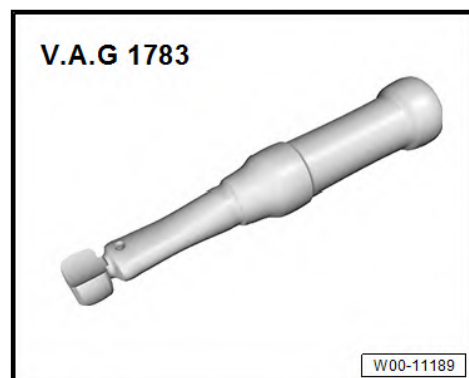
3.4.1 Removing and installing dash panel

Special tools and workshop equipment required

◆ 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 17](#) .

Vehicles without glove compartment

- Remove dash panel cover on front passenger side ⇒ [page 24](#) .

Vehicles with glove compartment

- Remove glove compartment ⇒ [page 22](#) .

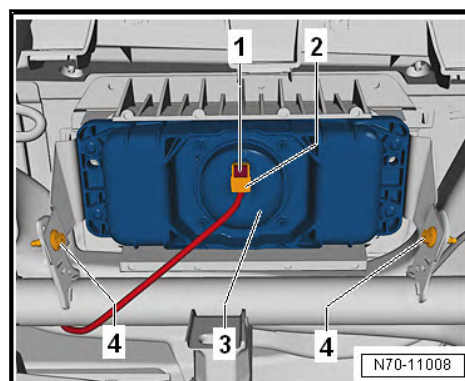
Continued for all vehicles

CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.
-
- Carefully pull out connector lock -1- for front passenger air-bag -3- with a small screwdriver.



- Pull off electrical connector -2-.
- Unscrew bolts -4-.
- Release gap cover for dash panel insert ⇒ [page 18](#) .
- 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 132](#) .
- 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

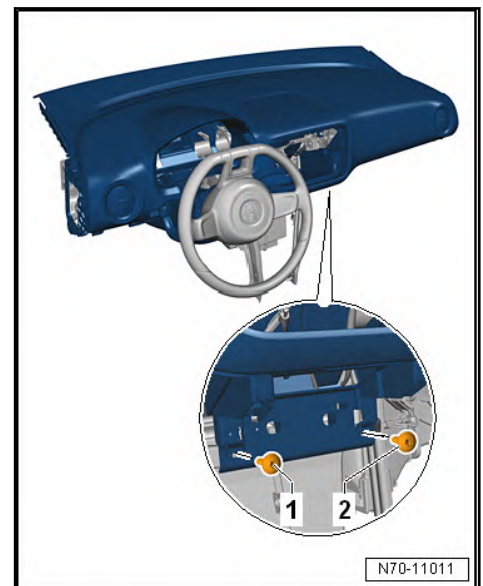
- Remove upper A-pillar trims.



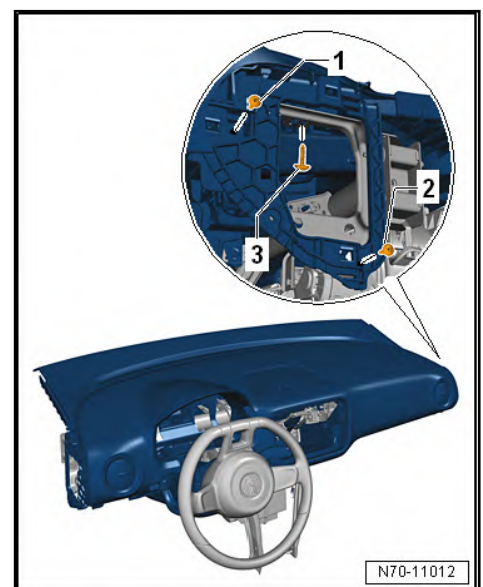
Note

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

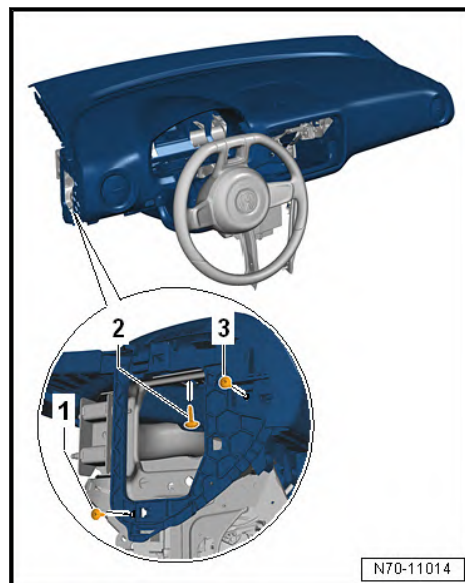
- Unscrew bolts -1- and -2-



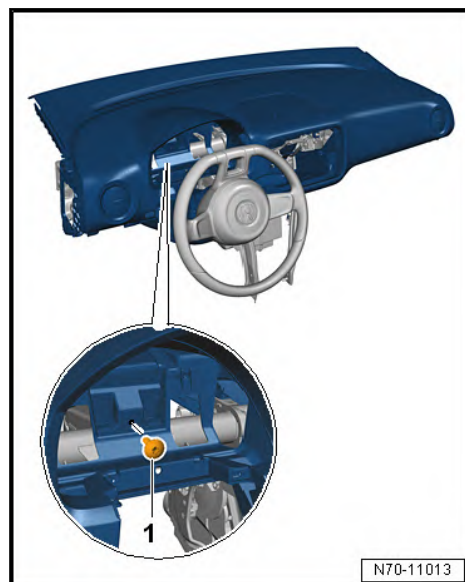
- Remove bolts -1-, -2- and -3-.



- Remove bolts -1-, -2- and -3-.



- Unscrew bolt -1-

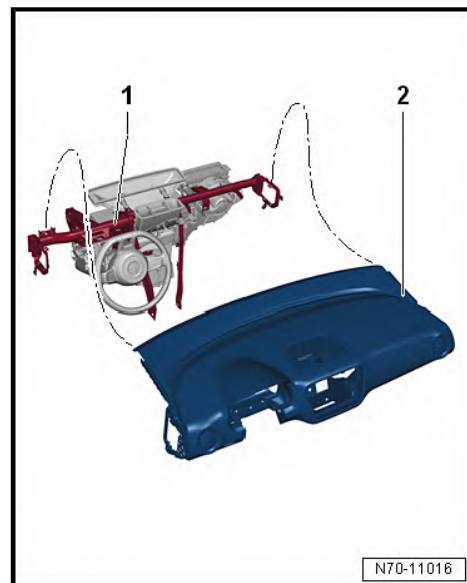


- Turn steering wheel so that the flattened side is exactly in top position.
- Pull dash panel out of mountings at overlap to windscreen and off cross member.



Note

- ◆ *Protect steering wheel from being damaged when removing the dash panel.*
- ◆ *Further dismantling requires the assistance of a second mechanic.*
- 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, 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.

If dash panel is replaced with a new part, wiring harnesses on side must be cut off for vehicles not equipped with “ambient lighting”.

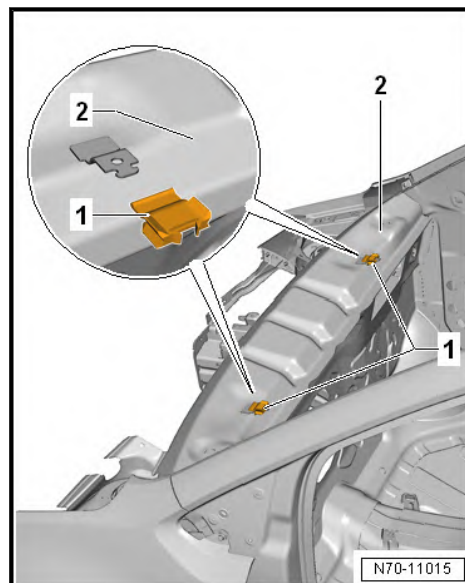


Note

- ◆ *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:

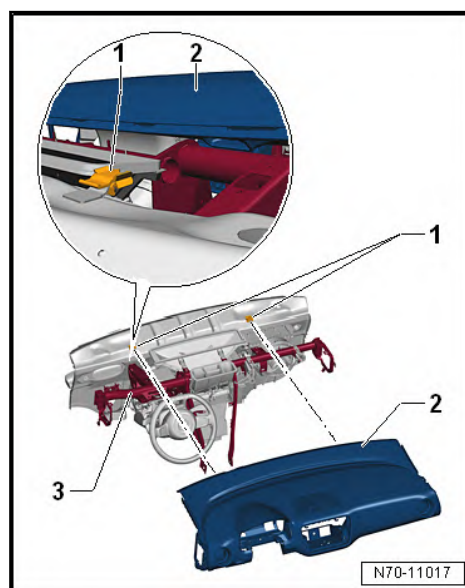
- Before installing dash panel, check whether mountings -1- are firmly attached to body -2-.



Note

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

- With the aid of a second 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-.



Torque settings

Component	Torque setting
Bolts for front passenger airbag bracket	8 Nm
Dash panel bolts	1.5 Nm

3.4.2 Aligning dash panel in vehicle

Special tools and workshop equipment required



◆ Torque wrench -V.A.G 1331-

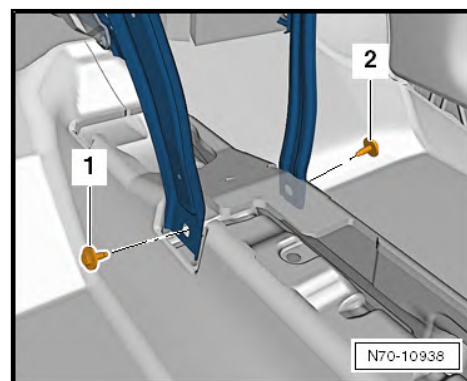


Note

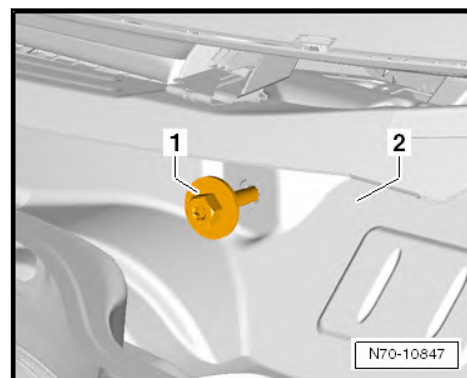
The dash panel can be aligned at right angles to the direction of travel.

Aligning dash panel

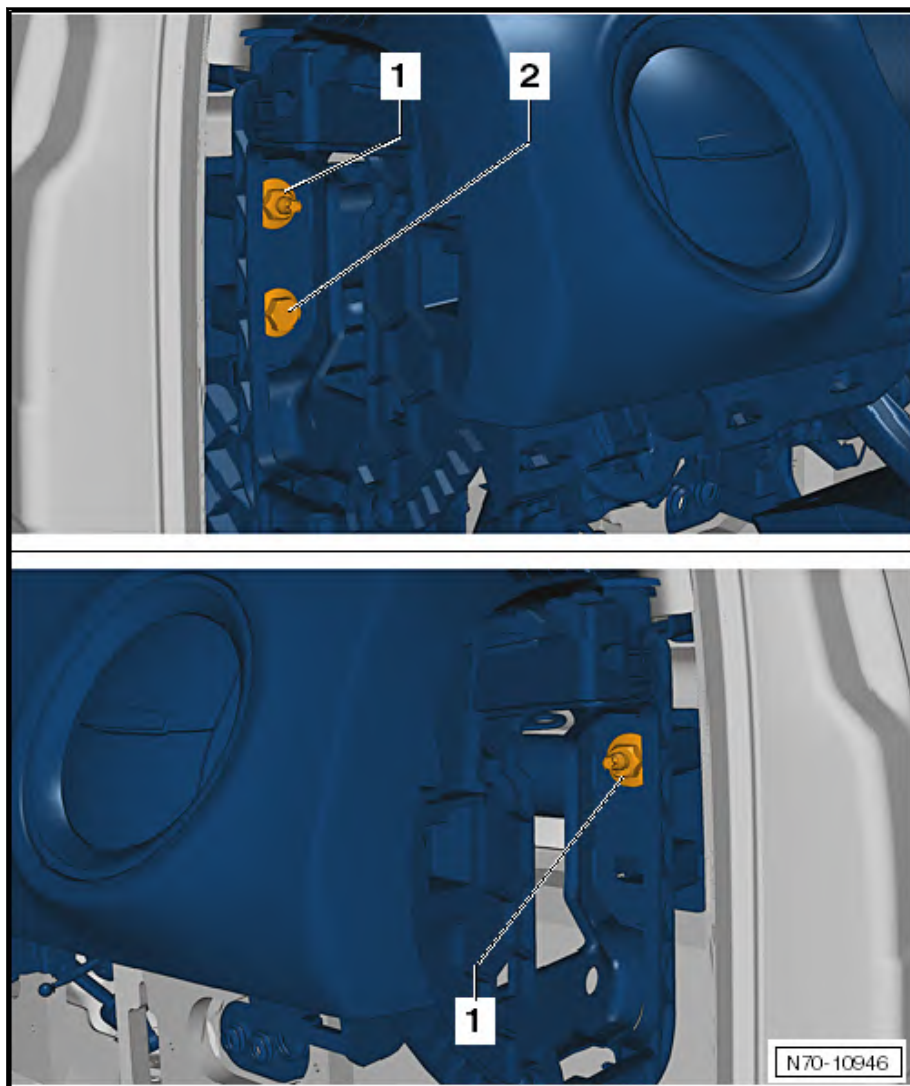
- Remove plenum chamber cover ⇒ General body repairs, exterior; Rep. gr. 50; Plenum chamber cover; Removing and installing plenum chamber cover.
- Remove dash panel end covers on left and right ⇒ [page 131](#).
- Remove lower part of centre console ⇒ [page 37](#).
- Loosen bolts -1- and -2- 2 to 3 turns.



- Only loosen bolt -1- in plenum chamber -2- 2 to 3 turns.

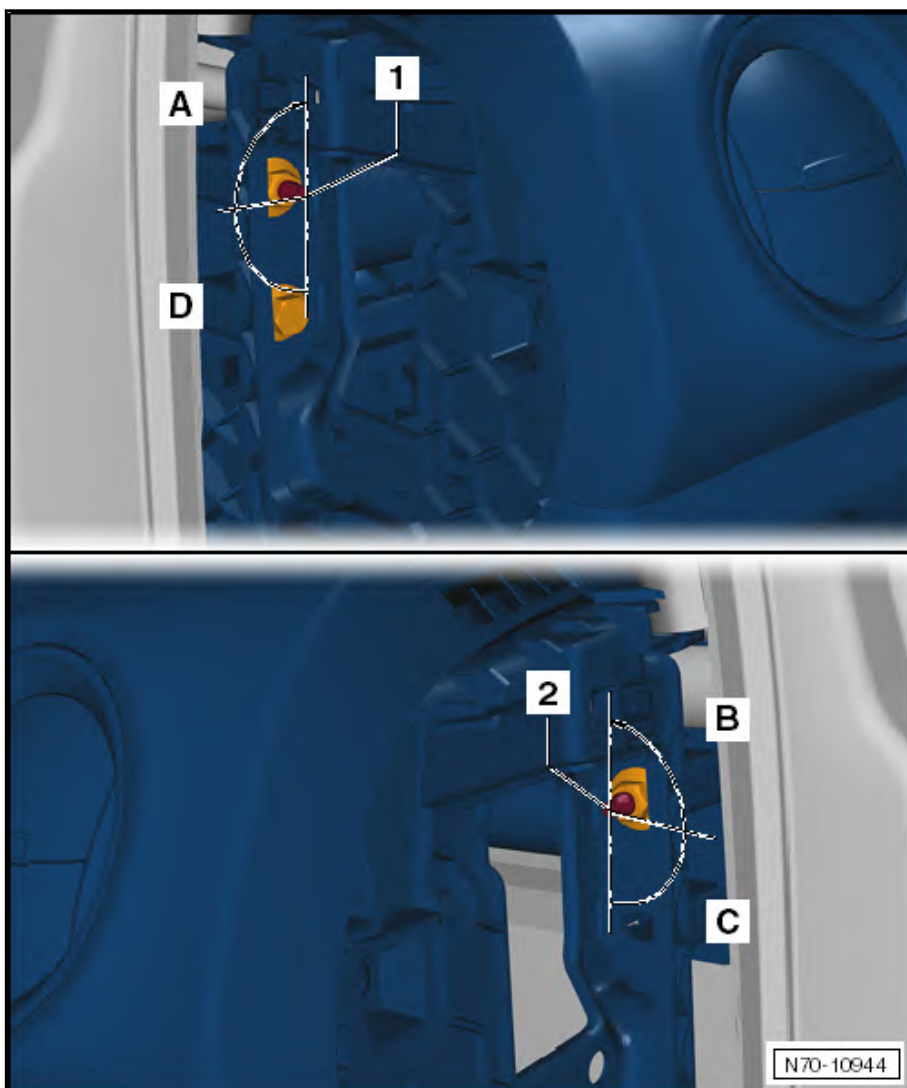


- Loosen nuts -1- and bolt -2- 2 to 3 turns.



Volkswagen Technical Site: <https://vwts.ru>

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



- After aligning dash panel in vehicle, secure it in place, tightening bolts to specified torques.

Torque settings

Component	Torque setting
Bolts	20 Nm
Bolts in plenum chamber	20 Nm + 90°
Nuts	20 Nm



4 Central tube for dash panel

⇒ [04.1 verview - central tube for dash panel", page 144](#)

⇒ [a4.2 nd installing central tube for dash panel", page 145](#)

4.1 Assembly overview - central tube for dash panel



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 to central tube for dash panel with cable ties

3 - Central tube for dash panel

- ☐ Removing and installing ⇒ [page 145](#)

4 - Bolt

- ☐ Qty. 2
- ☐ 3.5 Nm

5 - Mounting bracket

- ☐ Welded to body

6 - Stud

- ☐ Qty. 2
- ☐ 20 Nm

7 - Nut

- ☐ Qty. 2
- ☐ 20 Nm

8 - Bolt

- ☐ Qty. 2
- ☐ 20 Nm

9 - Bolt

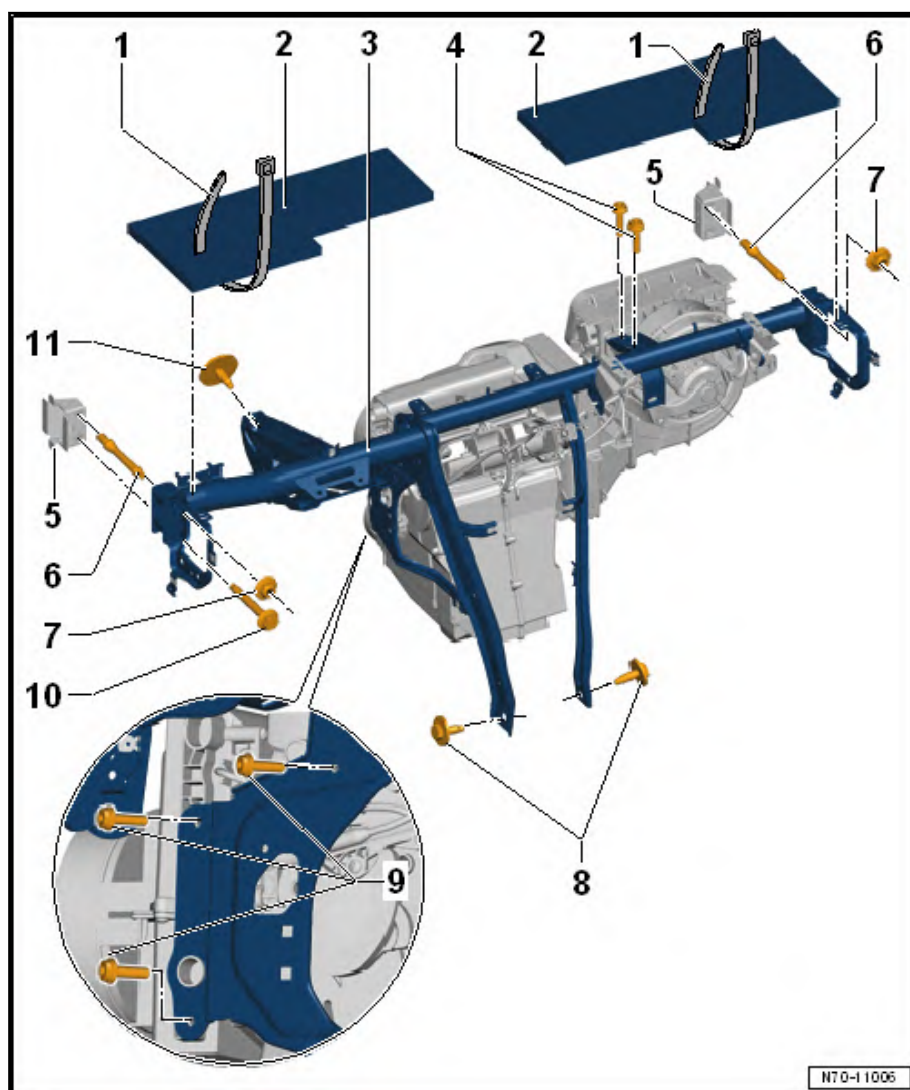
- ☐ Qty. 3
- ☐ 3.5 Nm

10 - Bolt

- ☐ Qty. 1
- ☐ 20 Nm

11 - Bolt

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





4.2 Removing and installing central tube for dash panel

Special tools and workshop equipment required

- ◆ Torque wrench -V.A.G 1331-

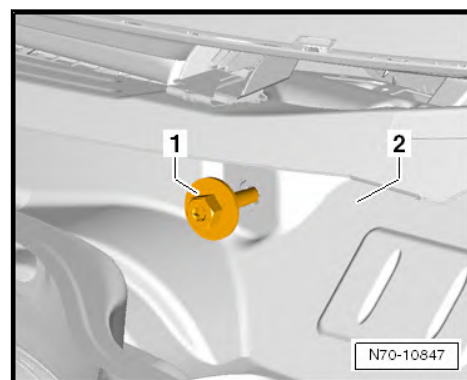


Note

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

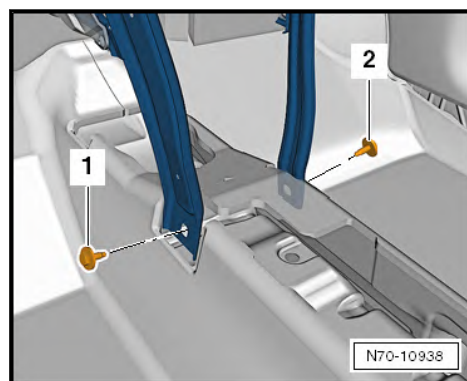
- Remove dash panel ➔ [page 135](#) .
- Cut open cable tie and remove insulation on left and right ➔ [Item 1 \(page 144\)](#) .
- Unscrew steering column bolts and lower steering column ➔ Running gear, axles, steering; Rep. gr. 48; Steering column; Assembly overview - steering column.
- Remove left plenum chamber cover ➔ General body repairs, exterior; Rep. gr. 50; Bulkhead; Removing and installing plenum chamber cover.
- Unscrew bolt -1- in plenum chamber.



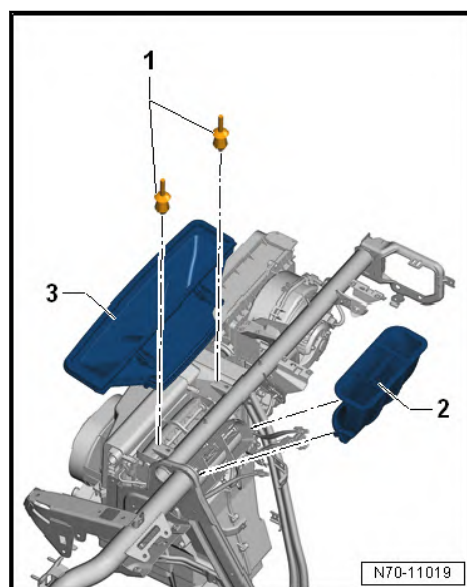
Note

Renew bolt -1- when installing central tube for dash panel.

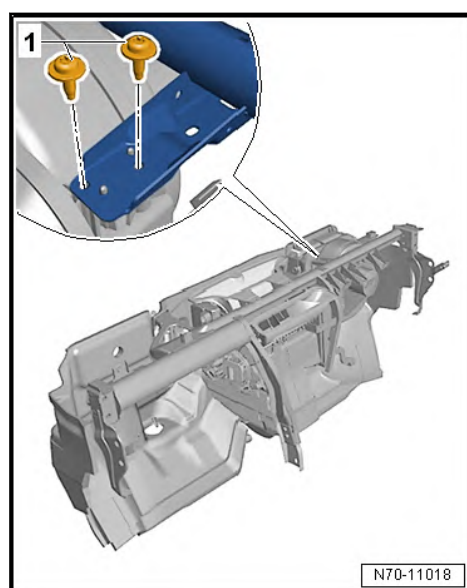
- Unscrew bolts -1- and -2-



- Release expanding rivet -1- and remove upwards.

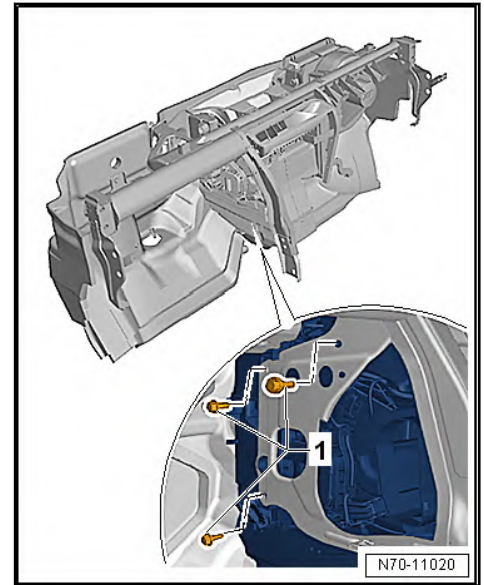


- Remove intermediate piece for vent -3- from central tube for dash panel.
- Unclip intermediate piece for centre vent -2- from heater and air conditioning unit, and remove it.
- Unscrew bolts -1-.



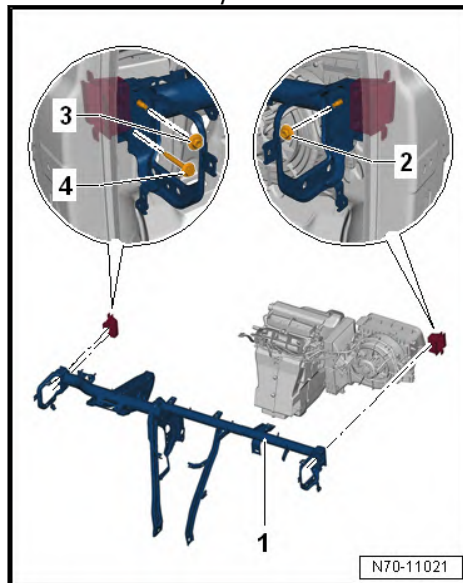


- Unscrew bolts -1-.



Note

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



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



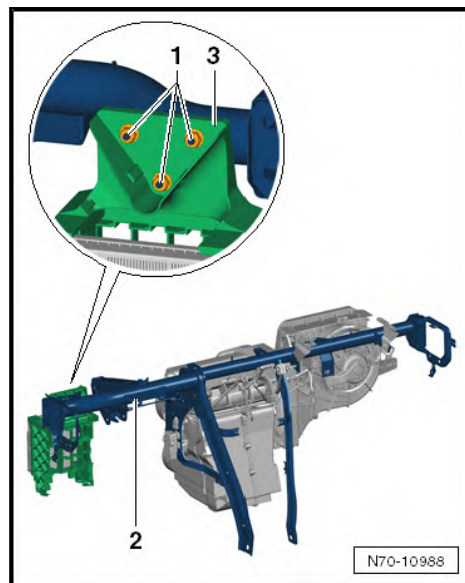
Note

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

- Release wiring harness retainers from central tube for dash panel -1-.



- Pull central tube for dash panel -2- into passenger compartment until nuts -1- of relay and fuse holder -3- are accessible.



- Unscrew nuts -1- of relay and fuse holder -3-.
- Remove central tube for dash panel -2- from vehicle through opening of front passenger door.

Installing



Note

- ◆ Before bolting central tube for dash panel 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 insulation of central tube for dash panel.

Install in reverse order of removal, observing the following:

Torque settings

- ◆ Bolts and nuts ⇒ [o4.1 verview - central tube for dash panel", page 144](#)



5 Interior trims

- ⇒ [o5.1 fitting locations - interior trims", page 149](#)
- ⇒ [o5.2 overview - sill panel moulding", page 150](#)
- ⇒ [o5.3 overview - A-pillar trim", page 151](#)
- ⇒ [o5.4 overview - B-pillar trim", page 152](#)
- ⇒ [o5.5 overview - C-pillar trim", page 155](#)
- ⇒ [o2.1 overview - net partition", page 27](#)
- ⇒ [a5.6 and installing sill panel moulding", page 158](#)
- ⇒ [a5.7 and installing A-pillar trim", page 162](#)
- ⇒ [a5.8 and installing B-pillar trim", page 165](#)
- ⇒ [a5.9 and installing C-pillar trim", page 171](#)
- ⇒ [a5.9.2 and installing lower C-pillar trim, 4-door models", page 173](#)
- ⇒ [a5.10 and installing side trim", page 178](#)
- ⇒ [a5.11 and installing foot rest", page 179](#)
- ⇒ [a5.12 and installing floor covering", page 180](#)
- ⇒ [a5.13 and installing rear shelf", page 183](#)

5.1 Overview of fitting locations - interior trims



1 - C-pillar trim

- ☐ Assembly overview ➤ [page 155](#)
- ☐ Removing and installing ➤ [page 171](#)

2 - Lower C-pillar trim

- ☐ Removing and installing ➤ [page 173](#)

3 - Sill panel moulding

- ☐ Assembly overview ➤ [page 150](#)
- ☐ Removing and installing ➤ [page 158](#)

4 - B-pillar trim

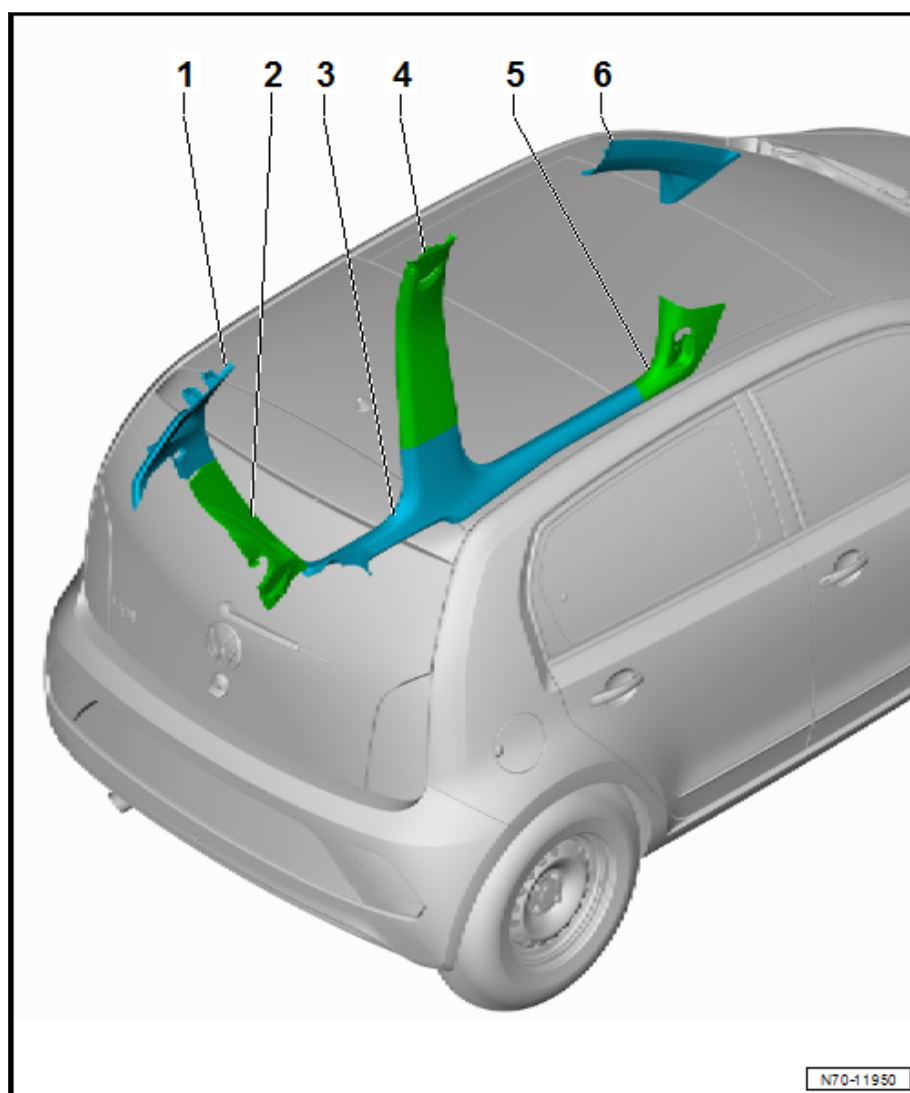
- ☐ Assembly overview ➤ [page 152](#)
- ☐ Removing and installing ➤ [page 165](#)

5 - Lower A-pillar trim

- ☐ Assembly overview ➤ [page 151](#)
- ☐ Removing and installing ➤ [page 163](#)

6 - Upper A-pillar trim

- ☐ Assembly overview ➤ [page 151](#)
- ☐ Removing and installing ➤ [page 162](#)



5.2 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 moulding

- ❑ Removing and installing ➤ [page 158](#)

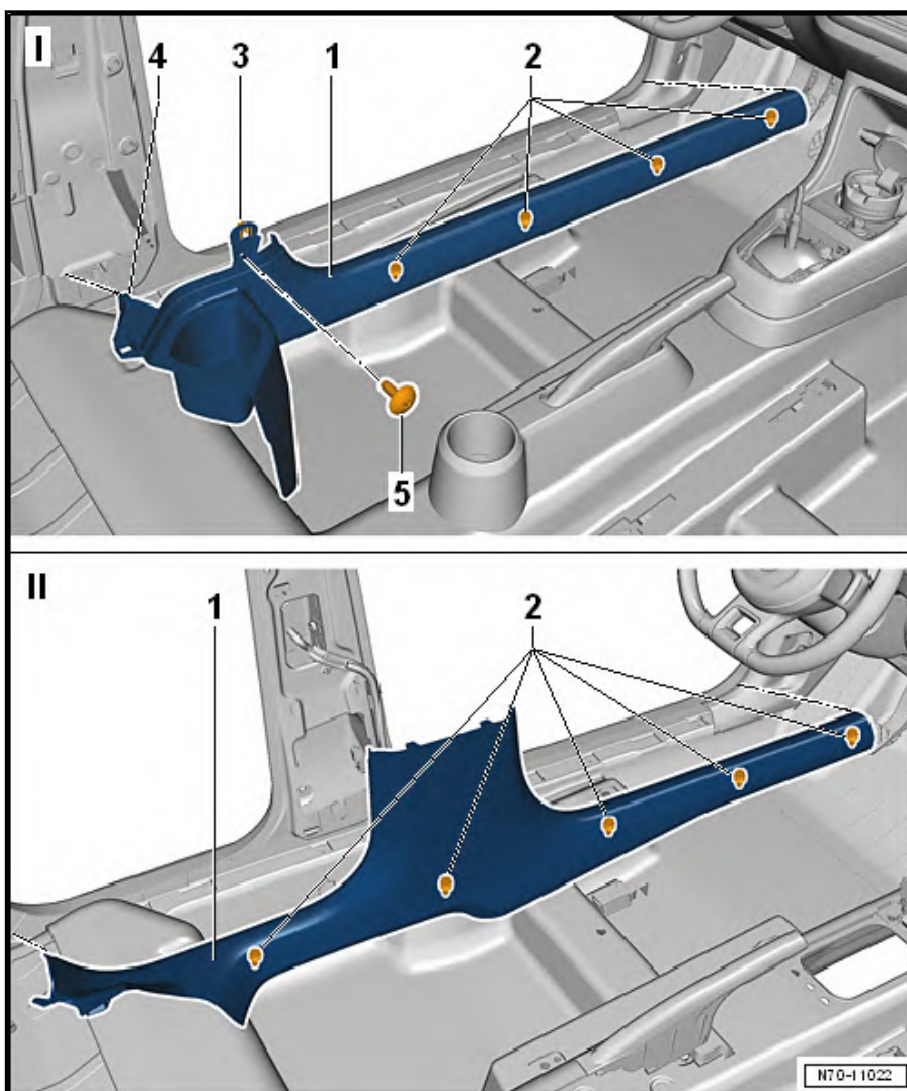
2 - Fastener

3 - Retaining clip

4 - Locating hook

5 - Bolt

- ❑ 2 Nm



5.3 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 162](#)

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

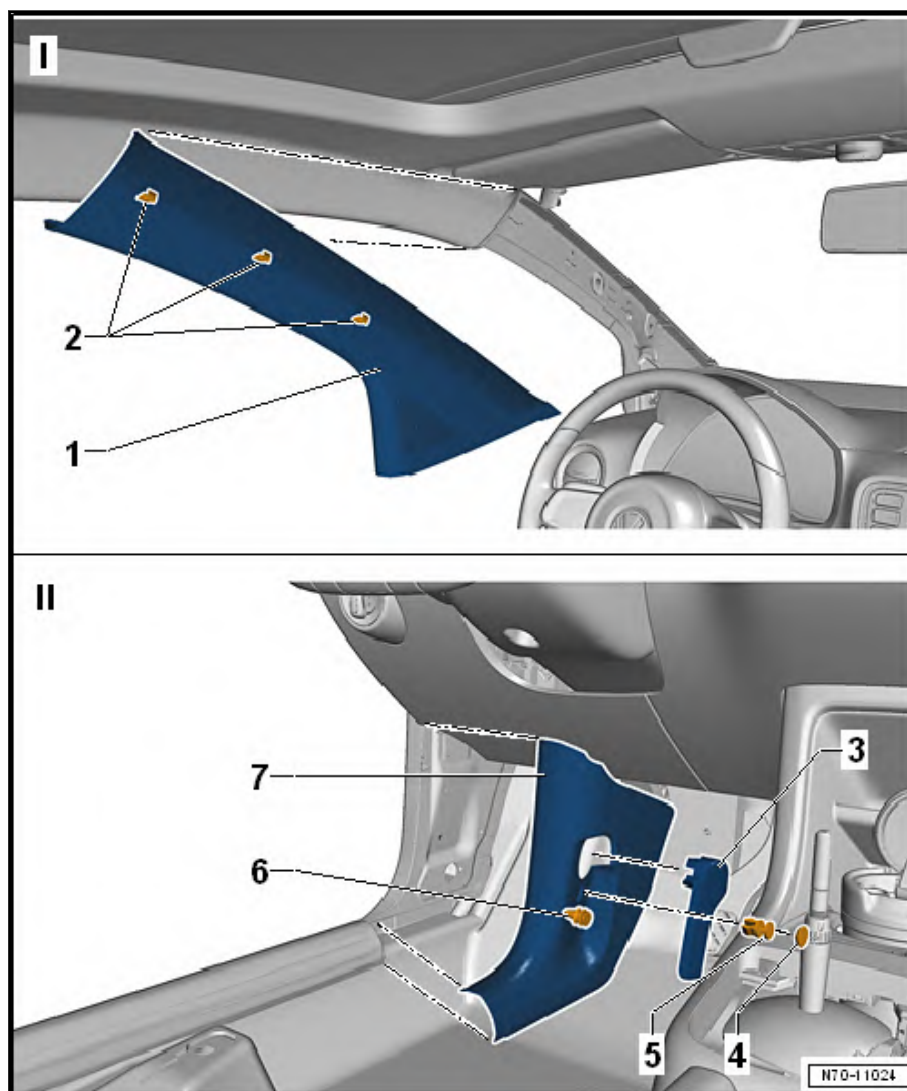
4 - Cover

5 - Spreader rivet

6 - Fastener

7 - Lower A-pillar trim

- ❑ Removing and installing ⇒ [page 162](#)



5.4 Assembly overview - B-pillar trim

⇒ [o5.4.1 verview - B-pillar trim ► 07/2019", page 152](#)

⇒ [o5.4.2 verview - B-pillar trim, 2-door model 08/2019 ►", page 153](#)

⇒ [o5.4.3 verview - B-pillar trim, 4-door model 08/2019 ►", page 154](#)

5.4.1 Assembly overview - B-pillar trim ► 07/2019



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

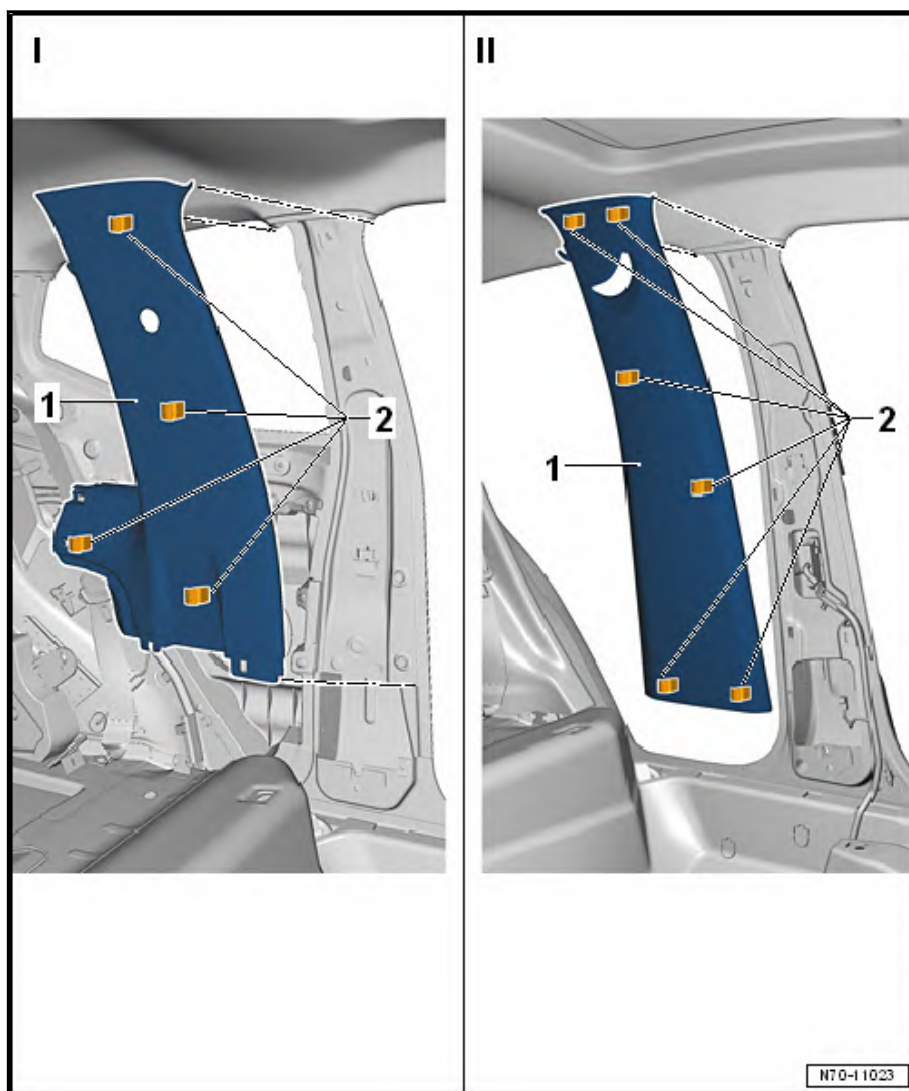


1 - B-pillar trim

- ❑ Removing and installing ➤ [page 165](#)

2 - Retaining clip

- ❑ 2-door model: qty 4
- ❑ 4-door model: qty 6



5.4.2 Assembly overview - B-pillar trim, 2-door model 08/2019 ➤



Note

The illustration shows the left side.

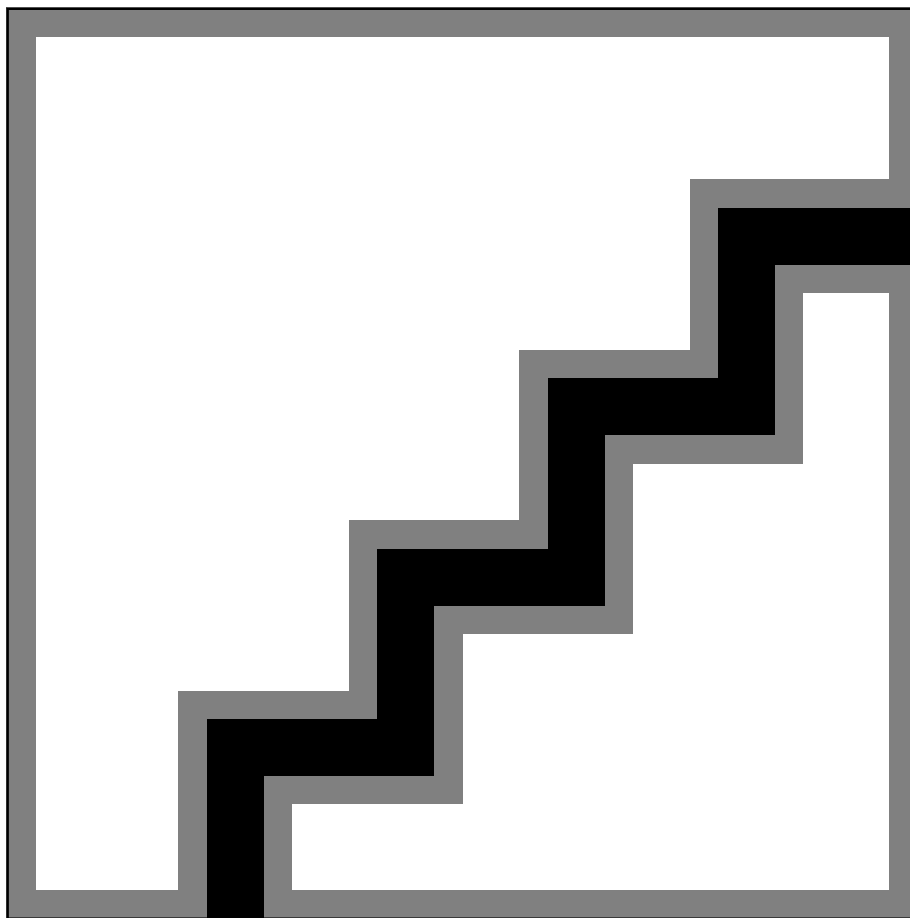


1 - B-pillar trim

- ☐ Removing and installing ➤ [page 165](#)

2 - Retaining clip

- ☐ Qty. 4



5.4.3 Assembly overview - B-pillar trim, 4-door model 08/2019 ➤



Note

The illustration shows the left side.



1 - B-pillar trim

- ❑ Removing and installing ➤ [page 165](#)

2 - Spreader rivet

- ❑ With bolt ➤ [Item 3 \(page 155\)](#)

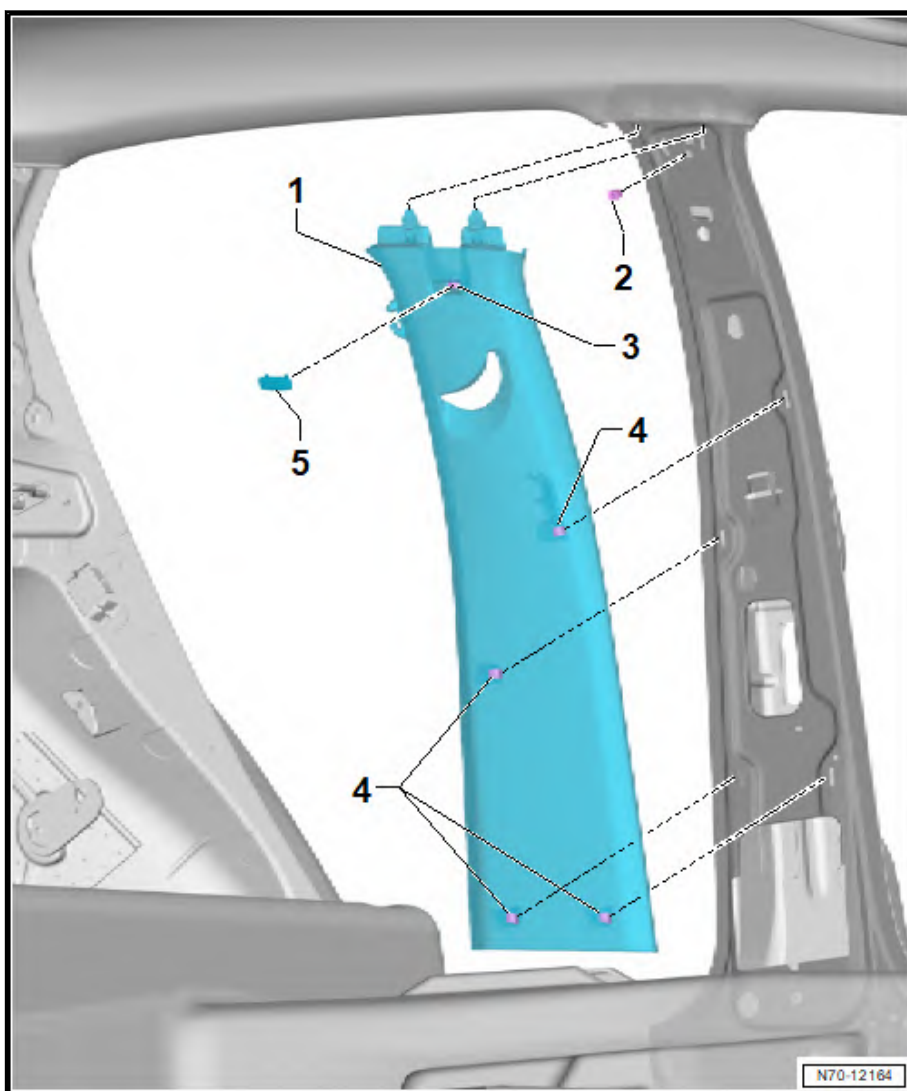
3 - Bolt

- ❑ 2 Nm

4 - Retaining clip

- ❑ Qty. 4

5 - Airbag emblem



5.5 Assembly overview - C-pillar trim

➤ [o5.5.1 verview - C-pillar trim, 2-door model", page 155](#)

➤ [o5.5.2 verview - C-pillar trim, 4-door model", page 156](#)

➤ [o5.5.3 verview - C-pillar trim, load up!", page 157](#)

5.5.1 Assembly overview - C-pillar trim, 2-door model



Note

The illustration shows the left side.

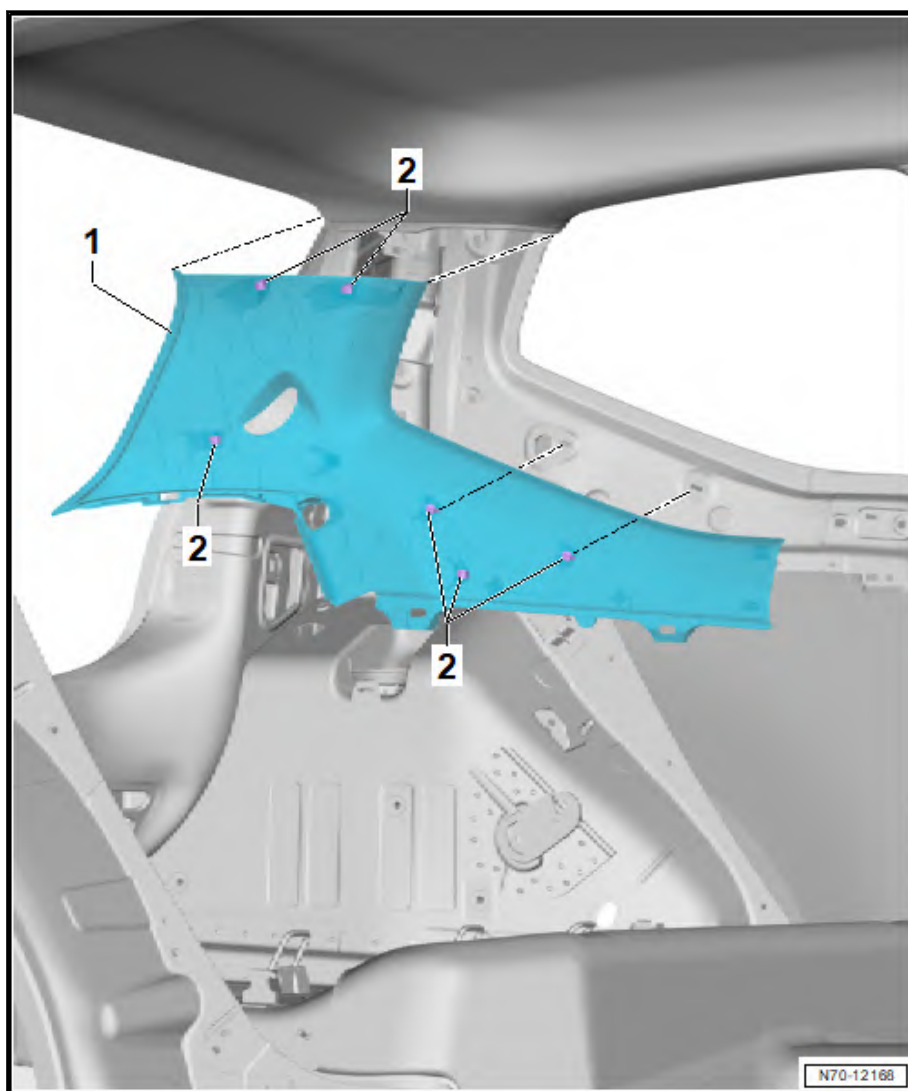


1 - C-pillar trim

- ❑ Removing and installing ➤ [page 171](#)

2 - Retaining clip

- ❑ Qty. 6



5.5.2 Assembly overview - C-pillar trim, 4-door model



Note

The illustration shows the left side.

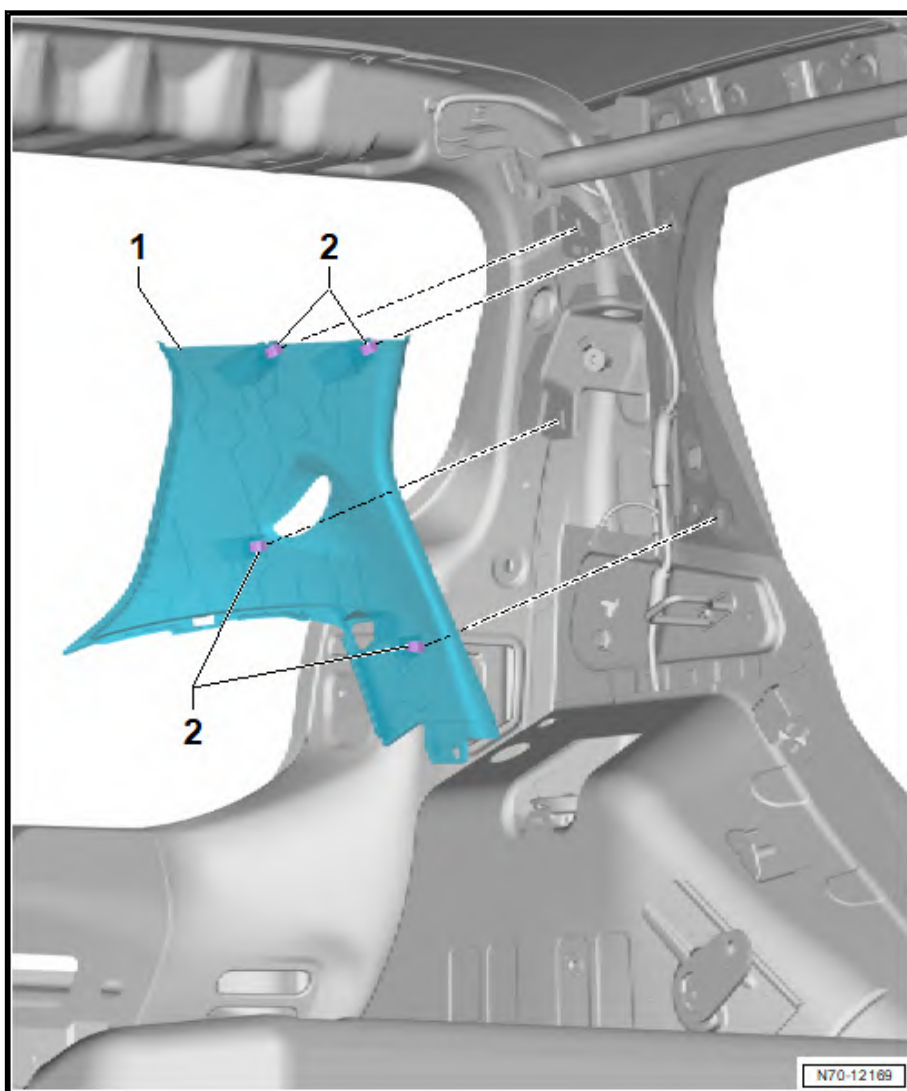


1 - C-pillar trim

- ❑ Removing and installing ➤ [page 171](#)

2 - Retaining clip

- ❑ Qty. 4



5.5.3 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 176](#)

2 - Belt guide trim

3 - Lower retaining clip

- ❑ Qty. 2

4 - Upper retaining clip

- ❑ Qty. 2

5 - Luggage compartment side trim

- ❑ Removing and installing ➔ [page 193](#)

6 - Bolt

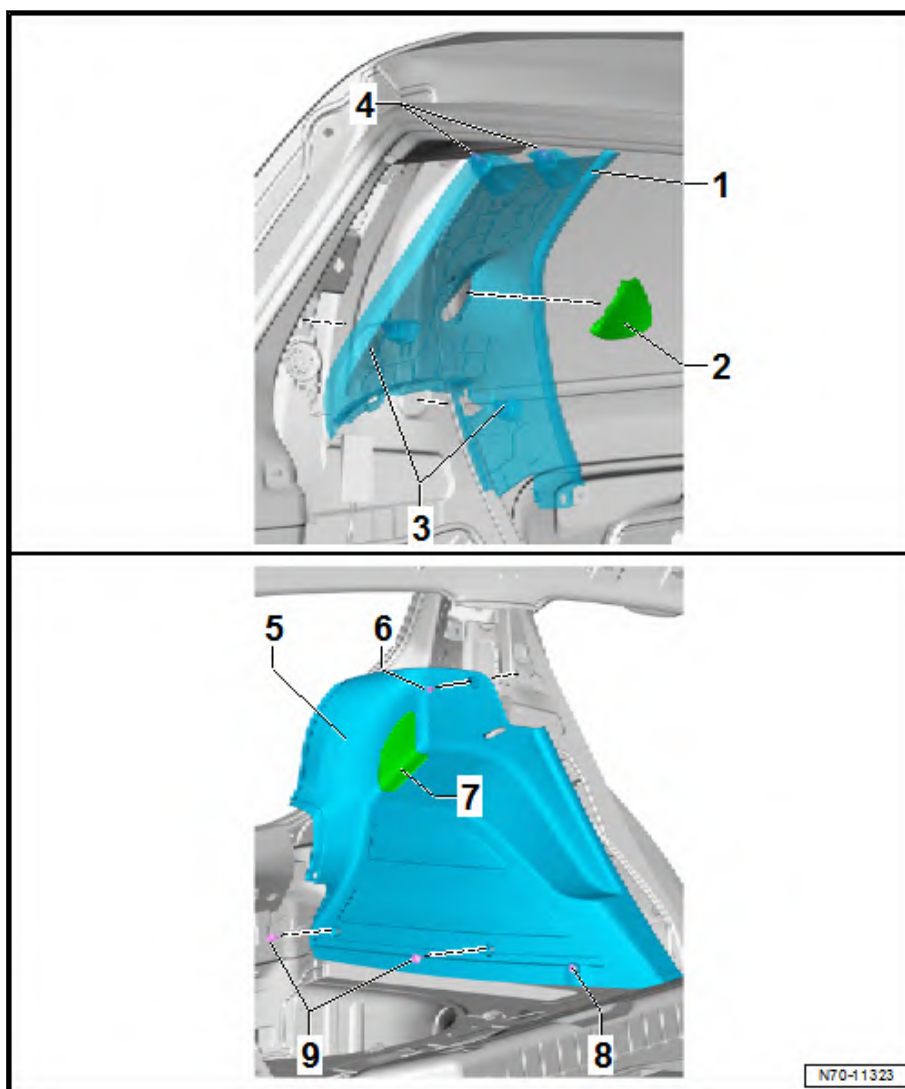
- ❑ 1 Nm

7 - Maintenance cover

8 - Fastener

9 - Fastener

- ❑ Qty. 2



5.6 Removing and installing sill panel moulding

➔ [a5.6.1 nd installing sill moulding, 2-door model", page 158](#)

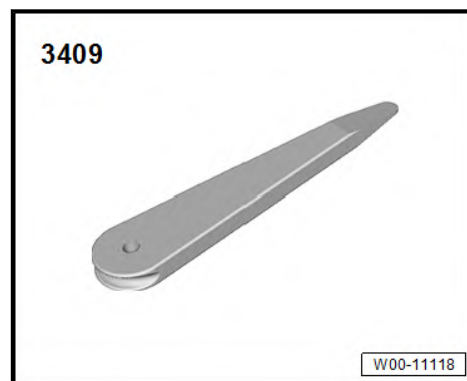
➔ [a5.6.2 nd installing sill moulding, 4-door model", page 160](#)

5.6.1 Removing and installing sill moulding, 2-door model

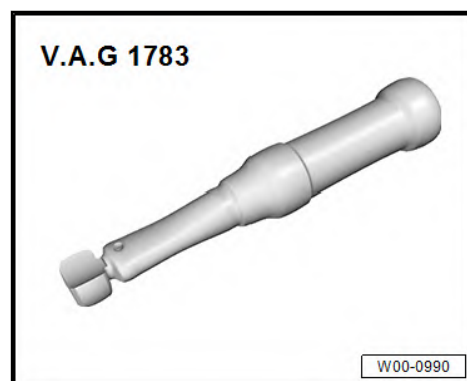
Special tools and workshop equipment required



◆ Removal wedge -3409-



◆ Torque wrench -V.A.G 1783-

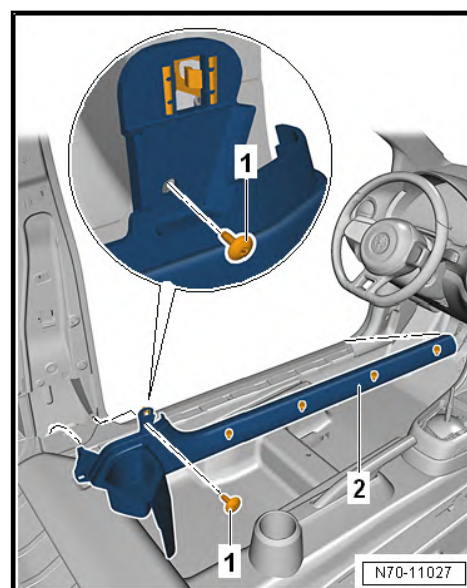


Note

*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 178](#) .
- 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

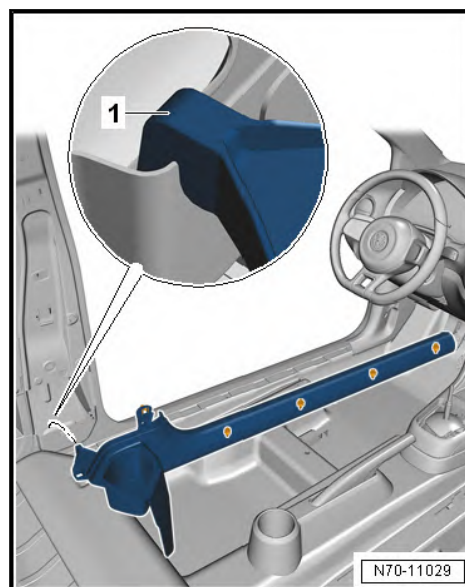


Note

- ◆ *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.



Torque settings

- ◆ Bolt ➔ [o5.2 verview - sill panel moulding", page 150](#)

5.6.2 Removing and installing sill moulding, 4-door model

Special tools and workshop equipment required

- ◆ Removal wedge -3409-



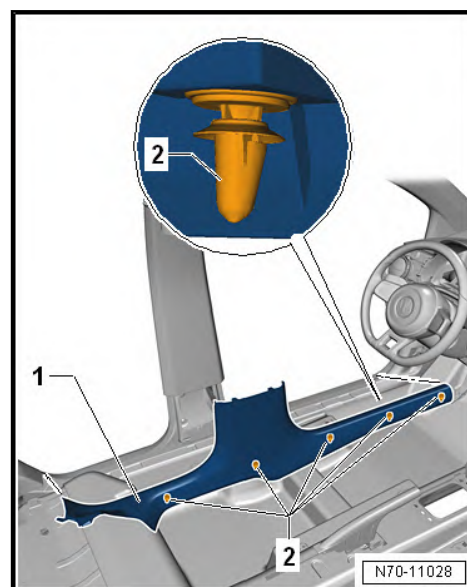


i Note

*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 panel moulding is renewed, 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.

i 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.



5.7 Removing and installing A-pillar trim

⇒ [a5.7.1 nd installing upper A-pillar trim", page 162](#)

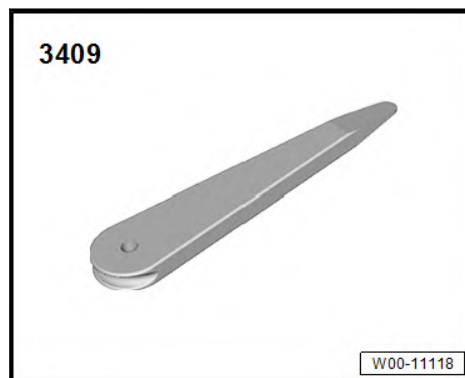
⇒ [a5.7.2 nd installing lower A-pillar trim on driver side", page 163](#)

⇒ [a5.7.3 nd installing lower A-pillar trim on front passenger side", page 164](#)

5.7.1 Removing and installing upper A-pillar trim

Special tools and workshop equipment required

- ◆ Removal wedge -3409-

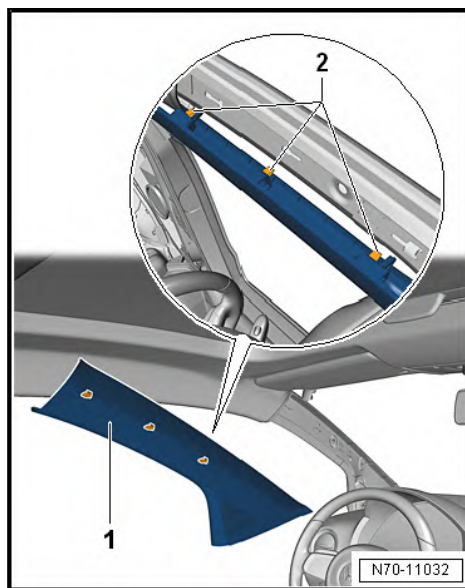


Note

*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, 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.*

Install in reverse order of removal.

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

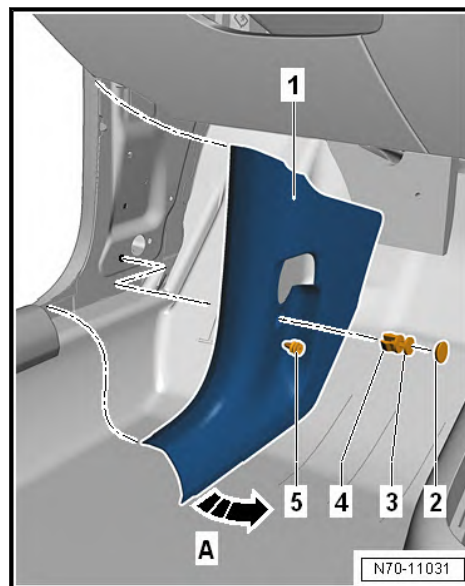
Special tools and workshop equipment required

- ◆ Removal wedge -3409-



Removing

- Release sill moulding in area of overlap to lower A-pillar trim
⇒ [page 150](#).
- 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.*

Install in reverse order of removal.

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

Special tools and workshop equipment required

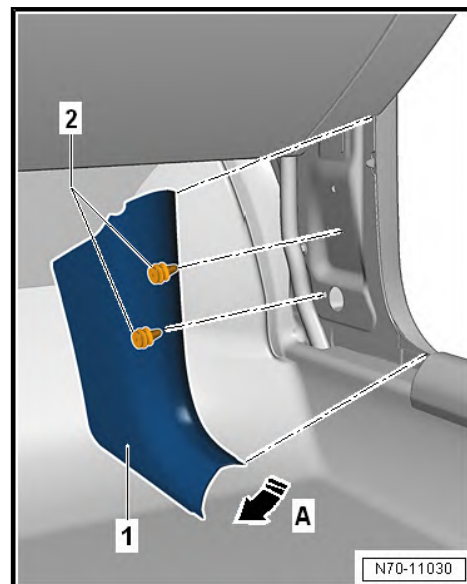
- ◆ Removal wedge -3409-





Removing

- Release sill moulding in area of overlap to lower A-pillar trim
⇒ [page 150](#).
- 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.*

Install in reverse order of removal.

5.8 Removing and installing B-pillar trim

⇒ [a5.8.1 nd installing B-pillar trim, 2-door model", page 165](#)

⇒ [a5.8.2 nd installing B-pillar trim, 4-door model ► 07/2019", page 168](#)

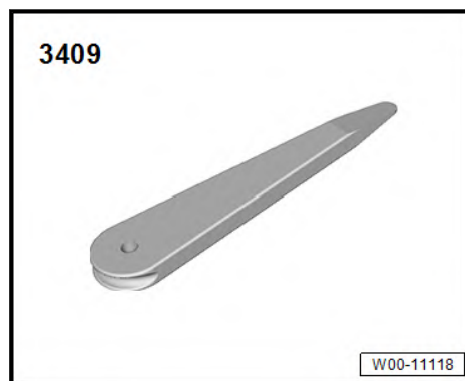
⇒ [a5.8.3 nd installing B-pillar trim, 4-door model 08/2019 ►", page 169](#)

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

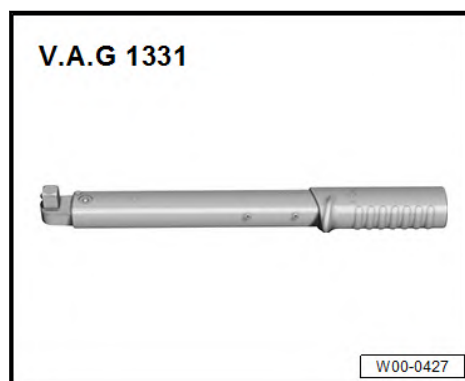
Special tools and workshop equipment required



◆ Removal wedge -3409-



◆ Torque wrench -V.A.G 1331-

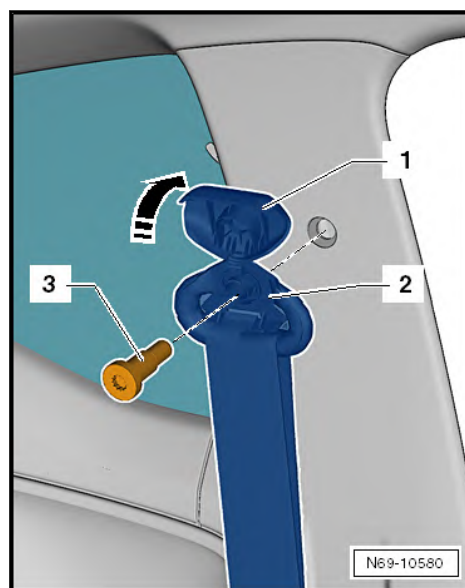


Note

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

Removing

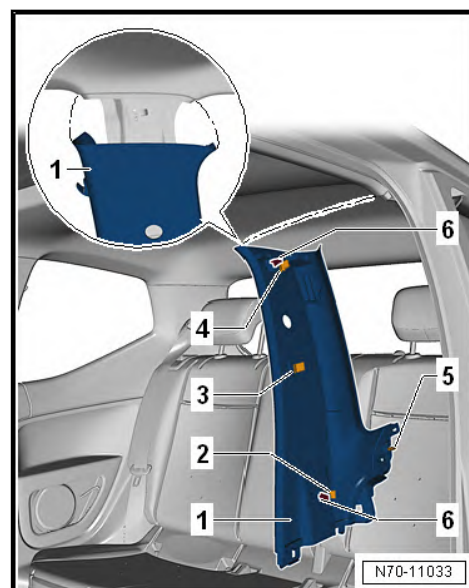
- Open cap -1- -arrow- and unscrew bolt -3-.



- 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

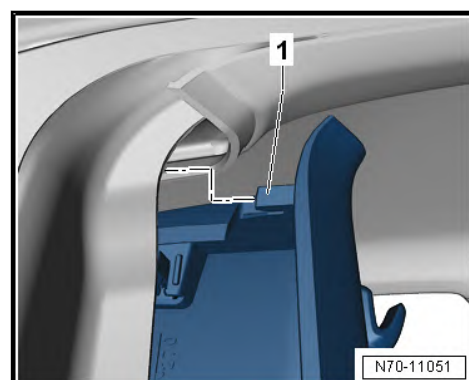


Note

- ◆ *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.





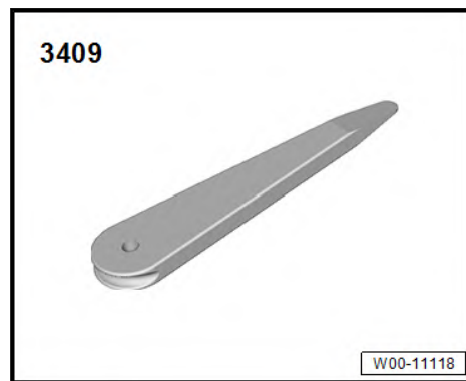
Torque settings

Component	Torque setting
Bolt	40 Nm

5.8.2 Removing and installing B-pillar trim, 4-door model ➤ 07/2019

Special tools and workshop equipment required

- ◆ Removal wedge -3409-

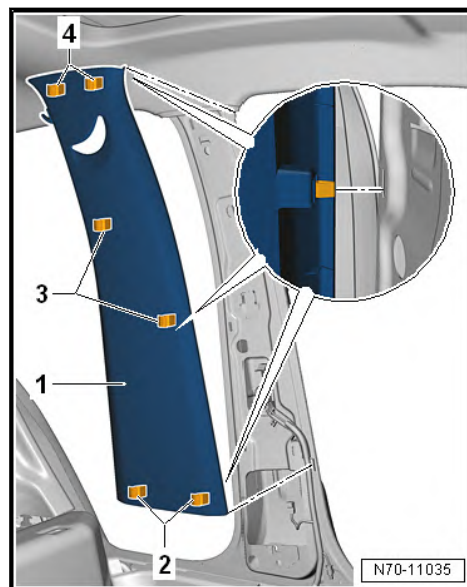


Note

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 fitting ➤ [page 64](#) .
- Thread belt end anchor together with seat belt through the hole in B-pillar trim -1-.
- Remove B-pillar trim -1-.



Installing



Note

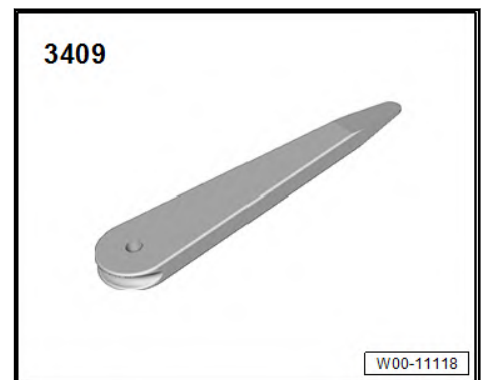
- ◆ *Before installing, check all fasteners for damage and renew if necessary.*
- ◆ *Following installation, ensure that the B-pillar trim is positioned in door seal beading.*

Install in reverse order of removal.

5.8.3 Removing and installing B-pillar trim, 4-door model 08/2019 ➤

Special tools and workshop equipment required

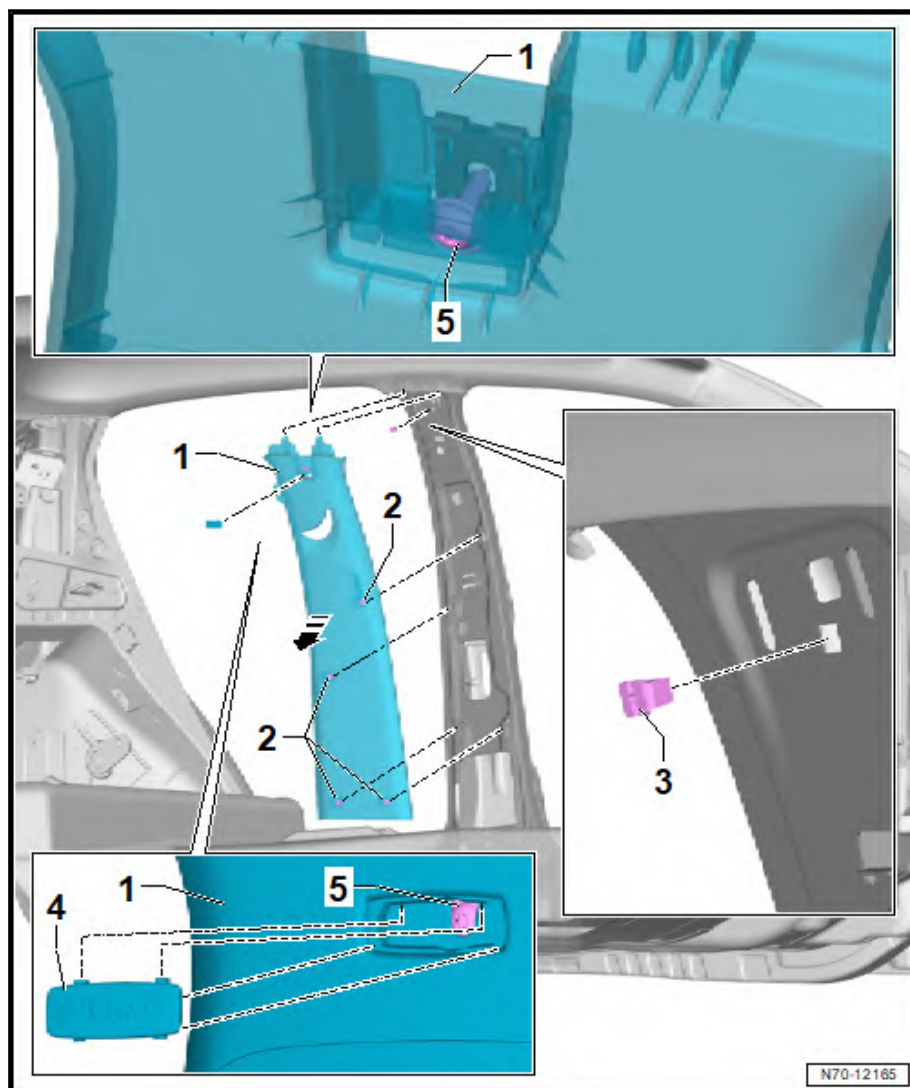
- ◆ Removal wedge -3409-



Note

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

Removing



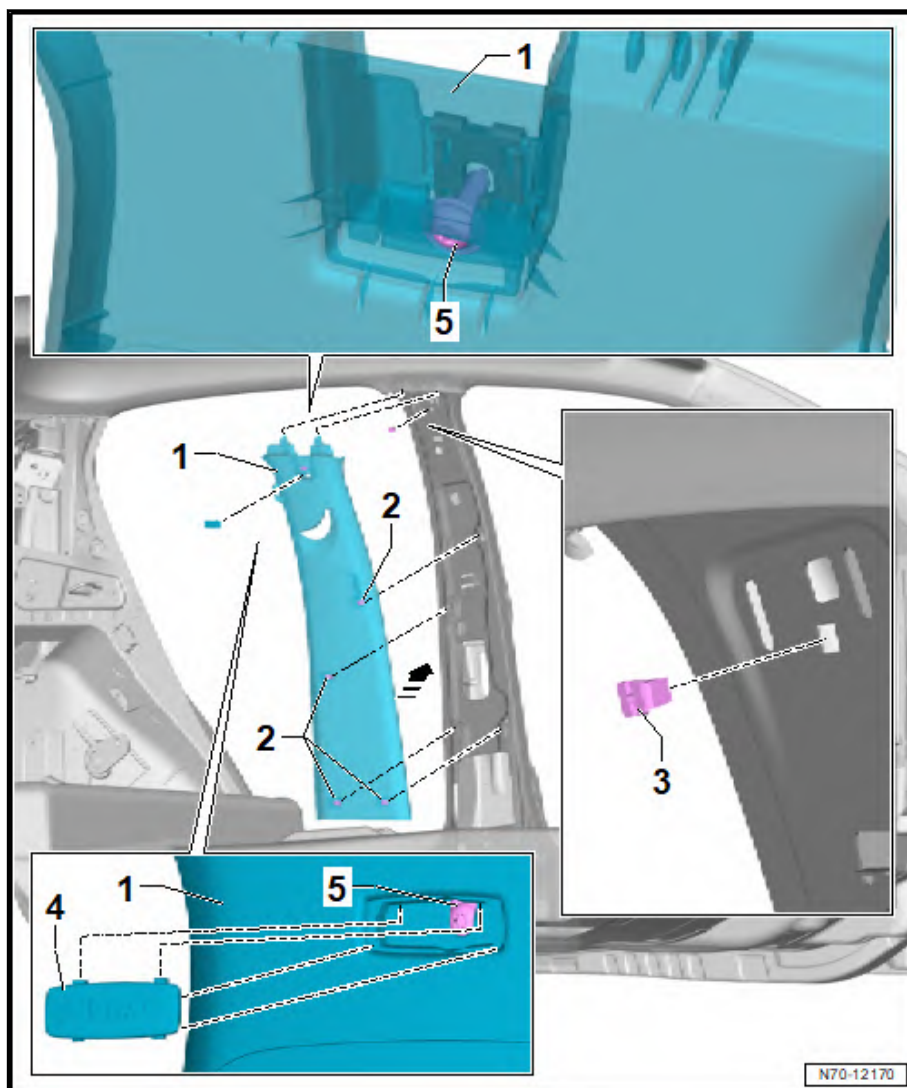
- Unclip badge -4- from B-pillar trim -1-.
- Unscrew bolt -5- of spreader rivet -3-.
- Release B-pillar trim -1- from door seal beading.
- Release B-pillar trim -1- from mountings in area of retaining clips -2- using removal wedge -3409-.
- Remove front belt end fitting ⇒ [page 64](#) .
- Thread belt end anchor together with seat belt through the hole in B-pillar trim -1-.
- Remove B-pillar trim -1- in direction of -arrow-.

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.*



- Insert spreader rivet -3- in B-pillar.
- Install B-pillar trim -1- in direction of -arrow-.

Continue installation in reverse order of removal. Observe the following when doing this:

Torque settings

- ◆ Bolt ➤ [o5.4.3 verview - B-pillar trim, 4-door model 08/2019 ➤](#), page 154

5.9 Removing and installing C-pillar trim

➤ [a5.9.1 nd installing C-pillar trim, 2-door models](#)", page 171

➤ [a5.9.2 nd installing lower C-pillar trim, 4-door models](#)", page 173

➤ [a5.9.3 nd installing upper C-pillar trim, 4-door models](#)", page 174

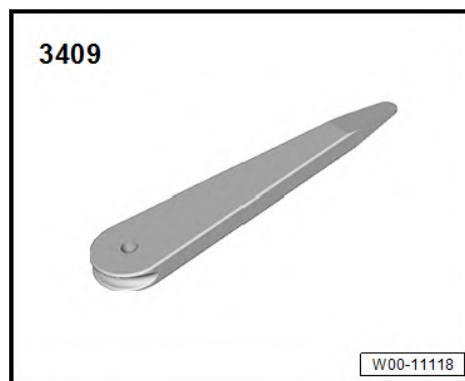
➤ [a5.9.4 nd installing upper C-pillar trim, load-up!](#)", page 176

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

Special tools and workshop equipment required



◆ Removal wedge -3409-

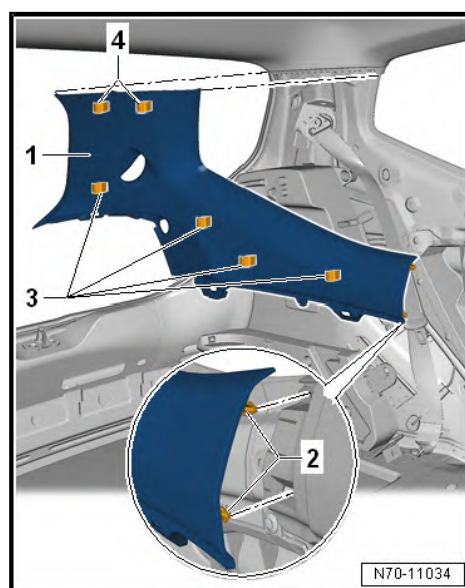


Note

*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 178](#) .
- 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 removal 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 seat belt guide anchor ➔ [page 71](#) .
- 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.*

Install in reverse order of removal.

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

Special tools and workshop equipment required

- ◆ Removal wedge -3409-

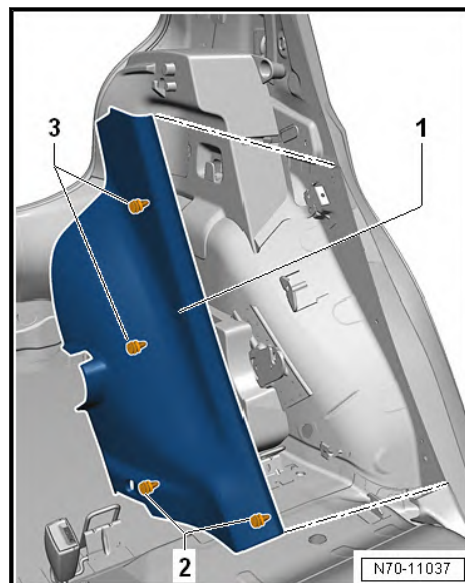


Note

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 ➔ [page 241](#) .
- Remove rear seat backrest ➔ [page 246](#) .
- Release 4-door-model sill moulding at rear ➔ [page 150](#) .
- 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 removal 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, 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.*

Install in reverse order of removal.

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

Special tools and workshop equipment required

- ◆ Removal wedge -3409-



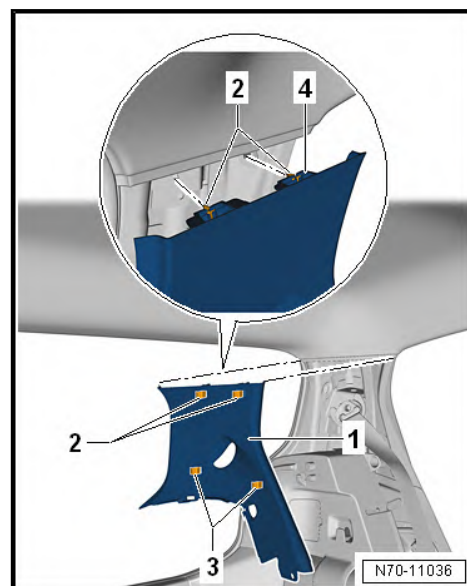


Note

*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 173](#) .
- Remove luggage compartment side trim ➤ [page 191](#) .
- 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 removal 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, 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 mandrel -4- into mounting.



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

Special tools and workshop equipment required

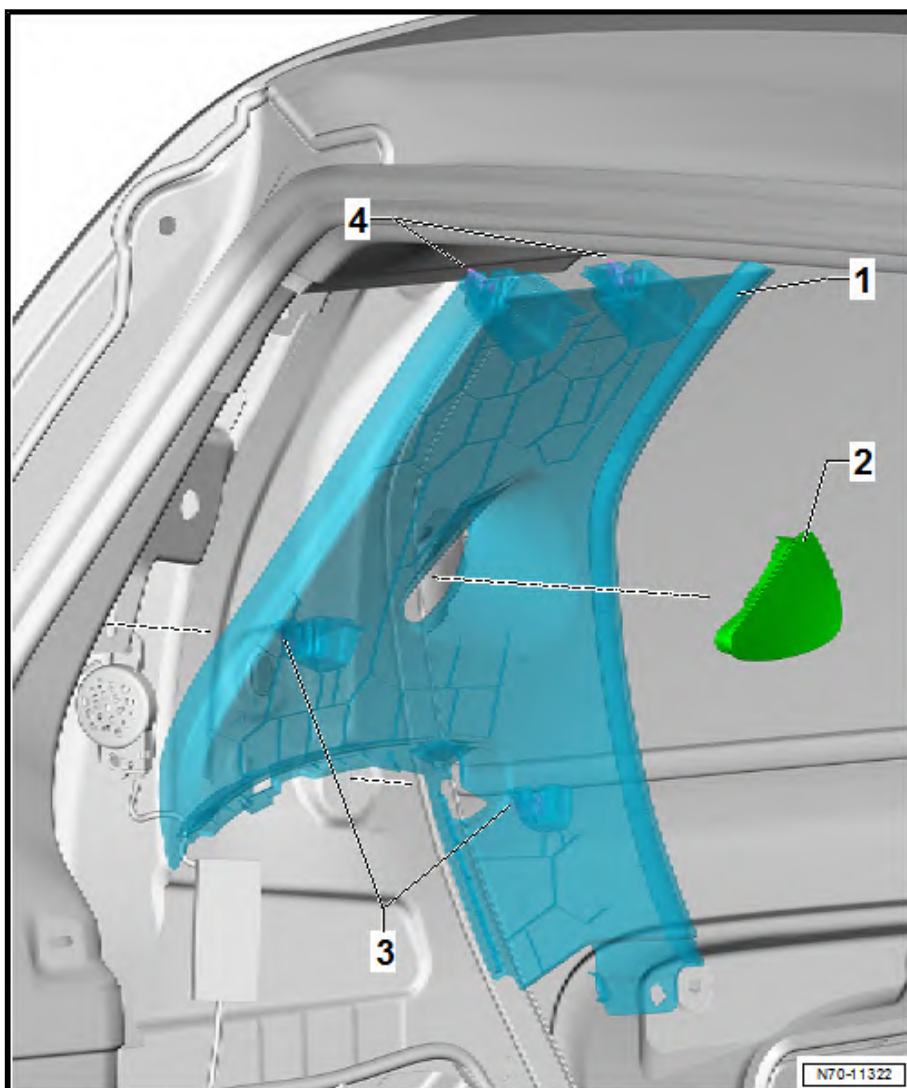
- ◆ Removal wedge -3409-



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 ➔ [page 193](#) .
- 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 removal 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:

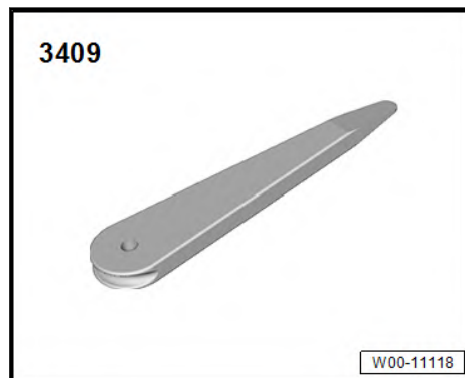


- If upper C-pillar trim -1- is renewed, insert cover for belt guide -2- beforehand.

5.10 Removing and installing side trim

Special tools and workshop equipment required

- ◆ Removal wedge -3409-

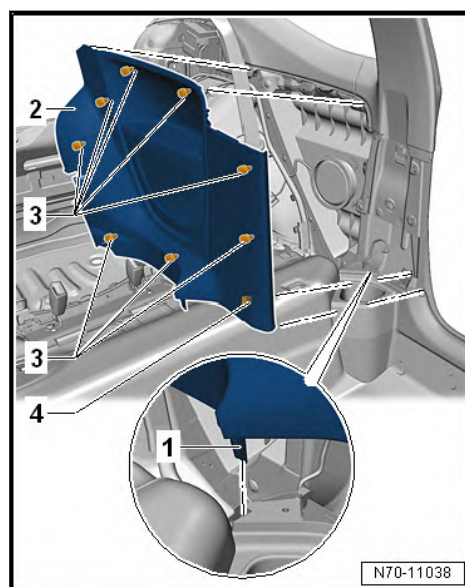


Note

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 ➤ [page 241](#) .
- Remove rear seat backrest ➤ [page 246](#) .
- Release side trim -2- from door seal beading.



- Release side trim -2- from mountings in area of locking device -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.*

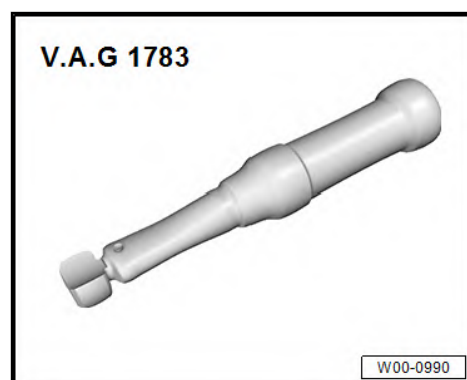
Install in the reverse order of removal observing the following:

- Insert centring mandrel -1- into mounting.

5.11 Removing and installing foot rest

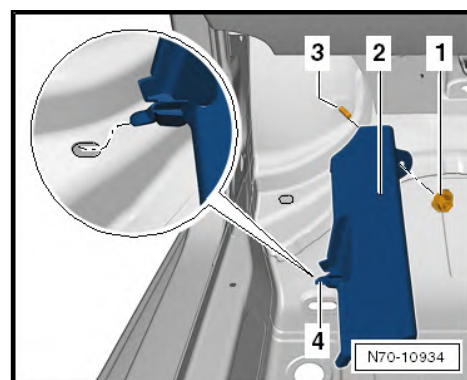
Special tools and workshop equipment required

- ◆ Torque wrench -V.A.G 1783-



Removing

- Remove lower A-pillar trim on driver side ⇒ [page 163](#) .
- Fold back floor covering in area of foot rest.
- Fold back floor insulation in area of foot rest.
- Unscrew nut -1-.



- 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 mandrel -4- into mounting.

Torque settings

Component	Torque setting
Nut	2 Nm

5.12 Removing and installing floor covering

⇒ [a5.12.1 nd installing floor covering", page 180](#)

⇒ [a5.12.2 nd installing floor insulation", page 181](#)

⇒ [a5.12.3 nd installing interior bulkhead insulation", page 182](#)

5.12.1 Removing and installing floor covering

Removing

- Remove lower part of centre console ⇒ [page 35](#) .
- Remove handbrake lever trim ⇒ [page 25](#) .
- Remove left and right sill panel moulding ⇒ [page 158](#) .
- Remove lower A-pillar trim on driver side ⇒ [page 163](#) .
- Remove lower A-pillar trim on front passenger side ⇒ [page 164](#) .
- Remove right and left B-pillar trims ⇒ [page 165](#) .
- Remove front seats on driver and front passenger sides ⇒ [page 219](#) .
- Remove bench seat/individual seats ⇒ [page 241](#) .

2-door

- Remove left and right side trim panel ⇒ [page 178](#) .

4-door

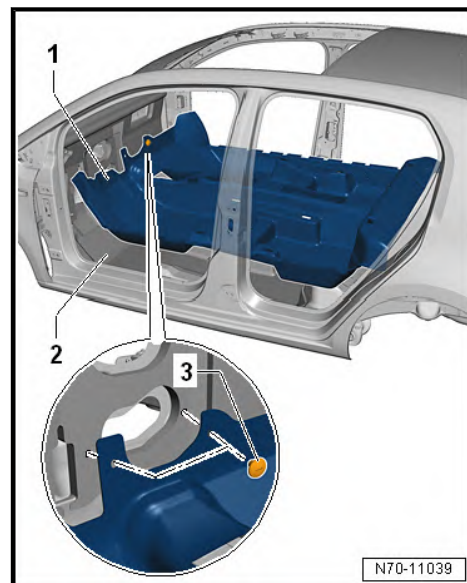
- Remove lower left and right C-pillar trim ⇒ [page 173](#) .

load up!

- Remove lower left and right C-pillar trim ⇒ [page 171](#) .

Continued for all vehicles

- Unscrew clip nuts -3-.



- Detach floor covering -1- all round.
- Raise floor covering -1- and with aid of second mechanic 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.*

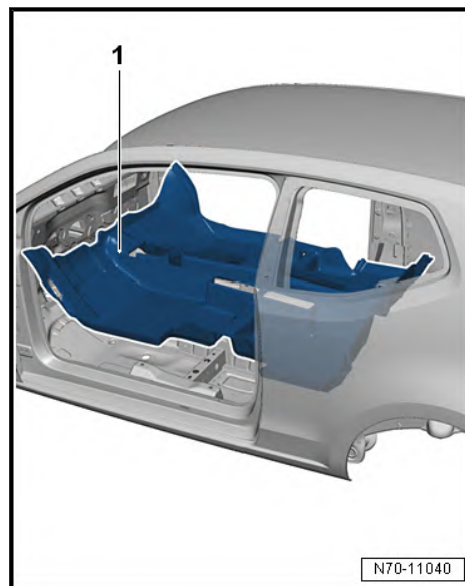
Install in the reverse order of removal observing the following:

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

5.12.2 Removing and installing floor insulation

Removing

- Remove floor covering ⇒ [page 180](#) .
- Detach floor insulation -1- all round.



- Raise floor insulation -1- and with aid of second mechanic 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.

5.12.3 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

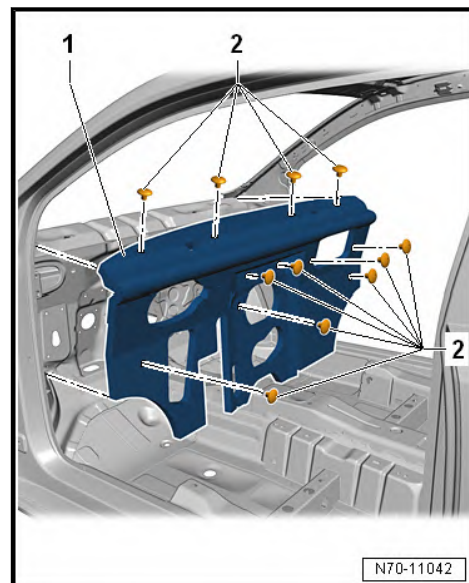
- Remove dash panel central tube ⇒ [page 145](#).
- Remove heater and air conditioning unit ⇒ Rep. gr. 87; Heater and air conditioning unit; Removing and installing heater and air conditioning unit.

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

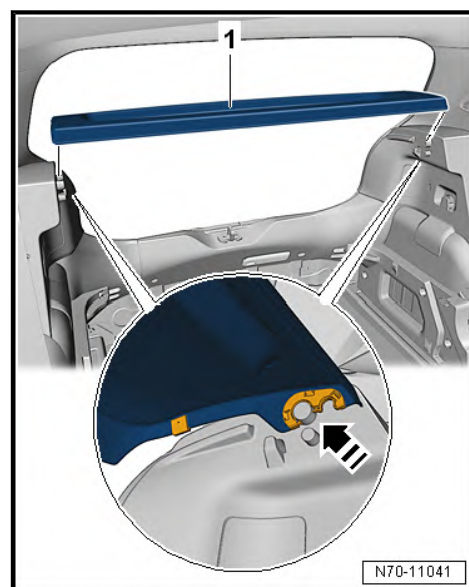
- ◆ Carry out a visual inspection to confirm correct installation location.
- ◆ Before installing, check all fasteners for damage and renew if necessary.

Install in reverse order of removal.

5.13 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.

Install in reverse order of removal.



6 Luggage compartment trims

⇒ [o6.1 f fitting locations - luggage compartment trims", page 185](#)

⇒ [o6.2 verview - luggage compartment side trim", page 187](#)

⇒ [a6.3 nd installing lower rear lid trim", page 189](#)

⇒ [a6.4 nd installing luggage compartment side trim", page 191](#)

⇒ [a6.5 nd installing luggage compartment floor", page 195](#)

⇒ [a6.6 nd installing lock carrier trim", page 198](#)

⇒ [a6.7 nd installing support for luggage compartment floor", page 200](#)

⇒ [a6.8 nd installing loading aid frame", page 201](#)

6.1 Overview of fitting locations - luggage compartment trims

⇒ [o6.1.1 f fitting locations - luggage compartment trims", page 185](#)

⇒ [o6.1.2 f fitting locations - luggage compartment trims, load-up!", page 186](#)

6.1.1 Overview of fitting locations - luggage compartment trims



1 - Rear shelf

- ❑ Removing and installing ➤ [page 183](#)

2 - Rear lid trim

- ❑ Removing and installing ➤ [page 189](#)

3 - Luggage compartment side trim

- ❑ Removing and installing ➤ [page 191](#)

4 - Luggage compartment floor covering bracket

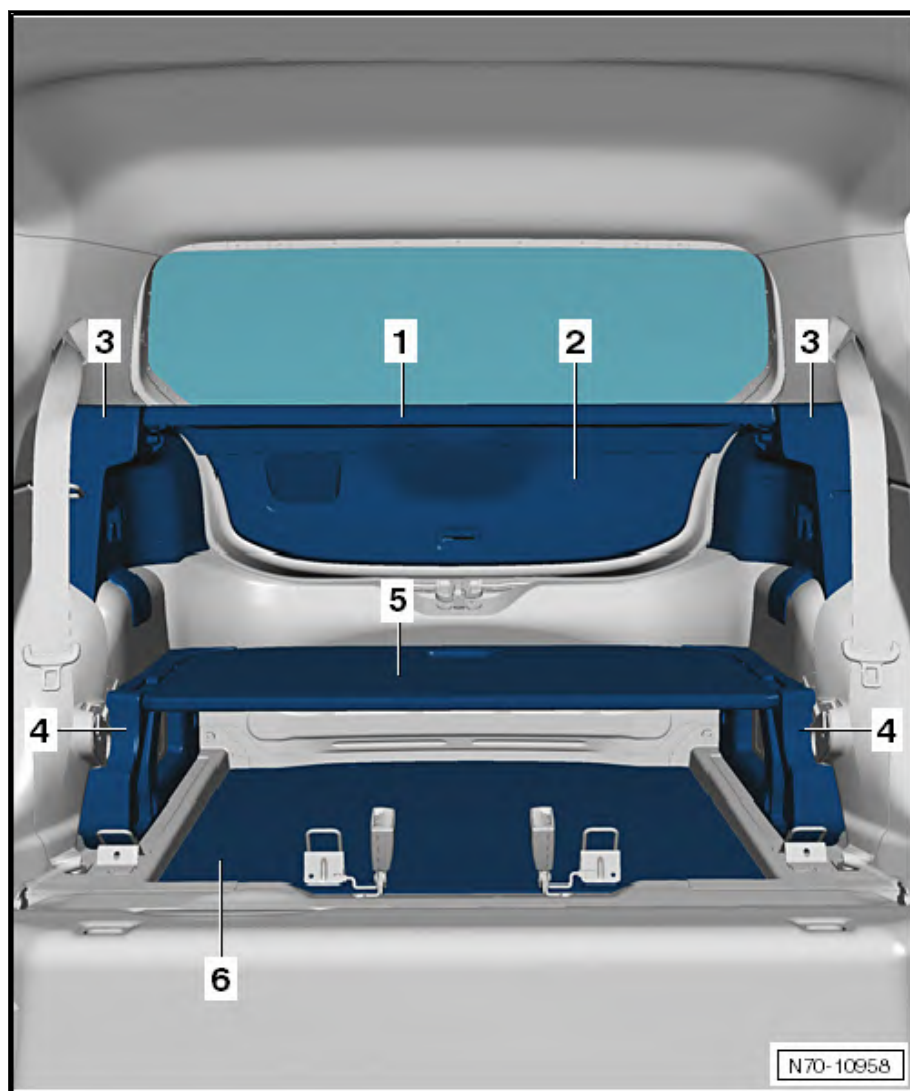
- ❑ Removing and installing ➤ [page 201](#)

5 - Upper luggage compartment floor

- ❑ Removing and installing ➤ [page 195](#)

6 - Lower luggage compartment floor

- ❑ Removing and installing ➤ [page 196](#)



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



1 - Upper C-pillar trim

- ☐ Removing and installing ➤ [page 176](#)

2 - Rear lid trim

- ☐ Removing and installing ➤ [page 189](#)

3 - Lock carrier trim

- ☐ Removing and installing ➤ [page 198](#)

4 - Load floor

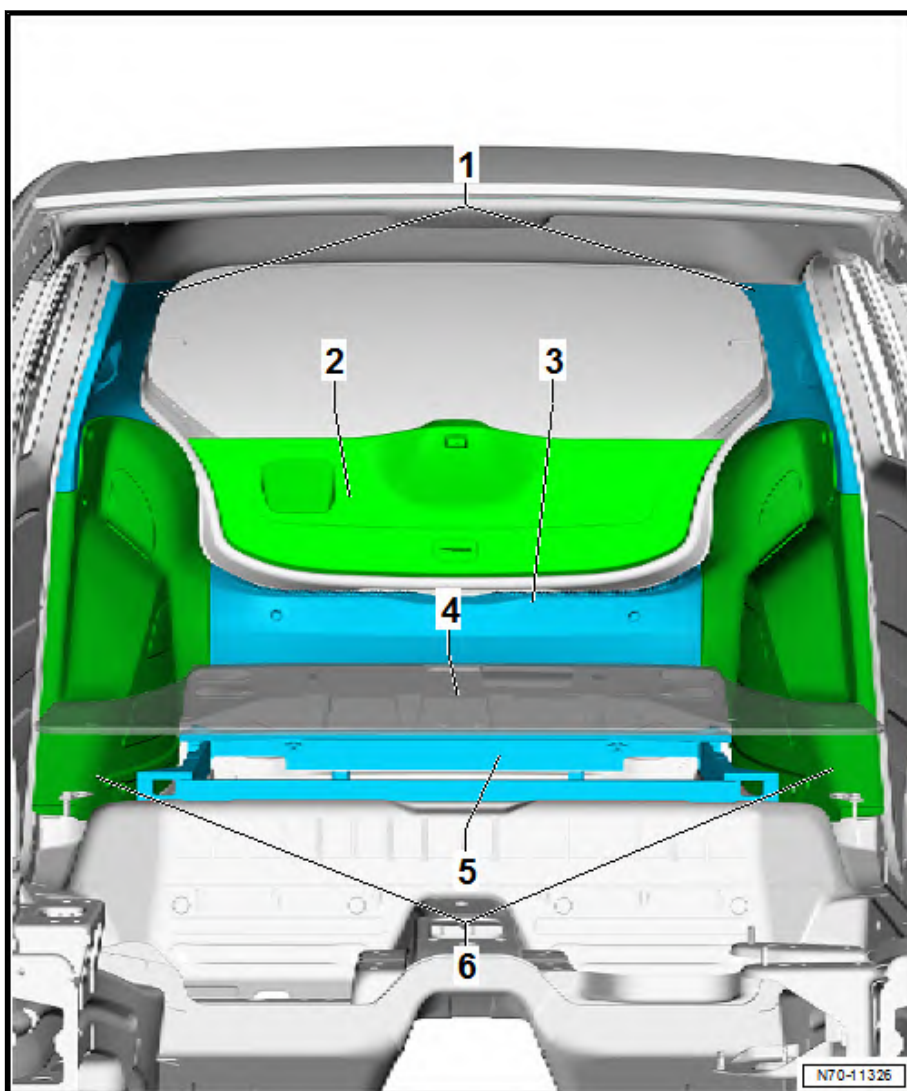
- ☐ Removing and installing ➤ [page 196](#)

5 - Frame for luggage compartment floor

- ☐ Removing and installing ➤ [page 201](#)

6 - Luggage compartment side trim

- ☐ Removing and installing ➤ [page 188](#)



6.2 Assembly overview - luggage compartment side trim

➤ [o6.2.1 view - luggage compartment side trim](#), page 187

➤ [o6.2.2 view - luggage compartment side trim, load-up!](#), page 188

6.2.1 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 191](#)

2 - Mounting / attachment for rear shelf

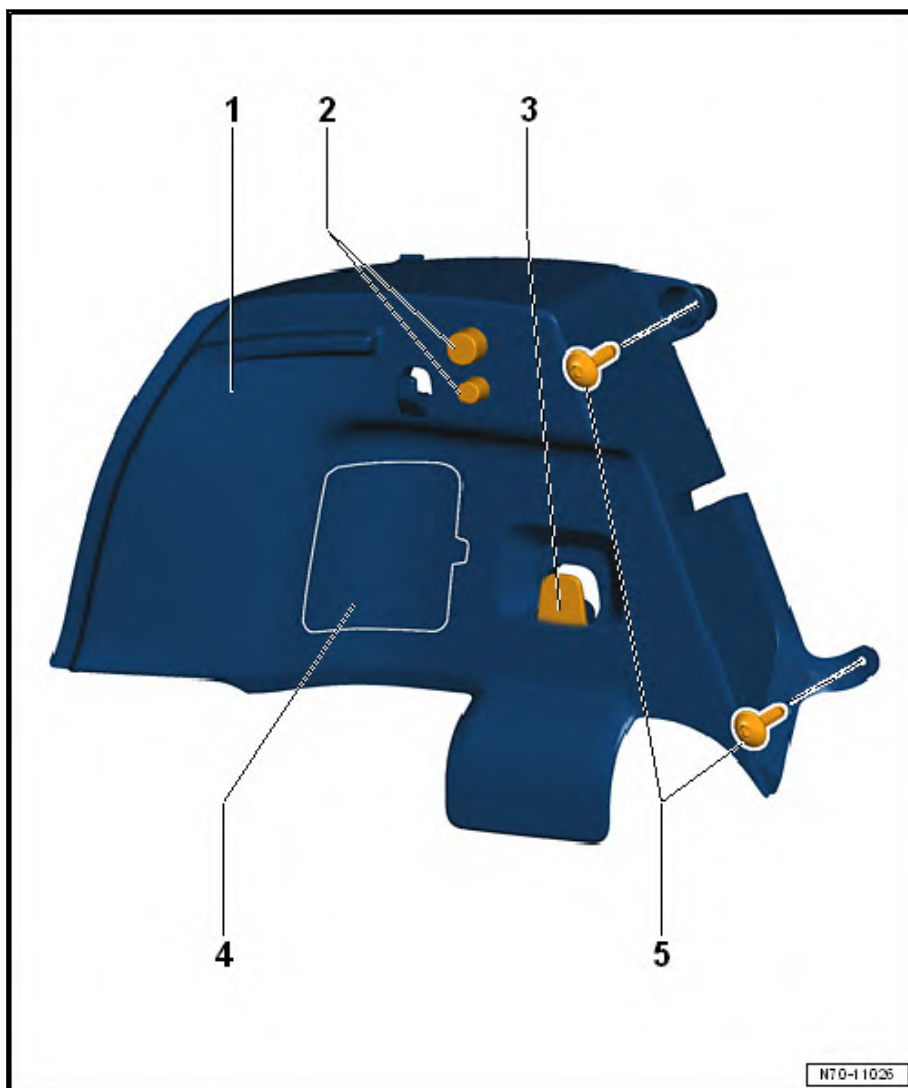
- ☐ To raise and secure rear shelf

3 - Bag hook

4 - Maintenance cover

5 - Bolt

- ☐ Qty. 2
- ☐ 1.5 Nm



6.2.2 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 193](#)

2 - Bolt

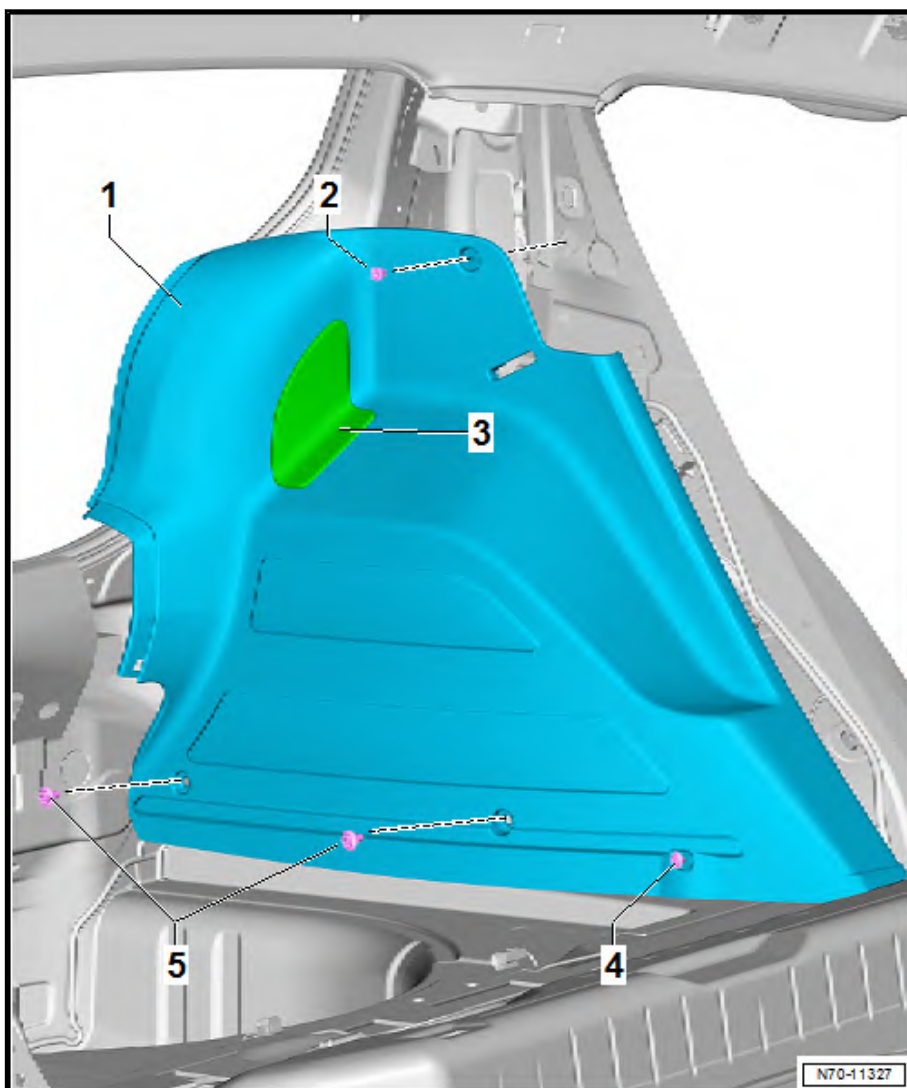
- ❑ 1 Nm

3 - Maintenance cover

4 - Fastener

5 - Fastener

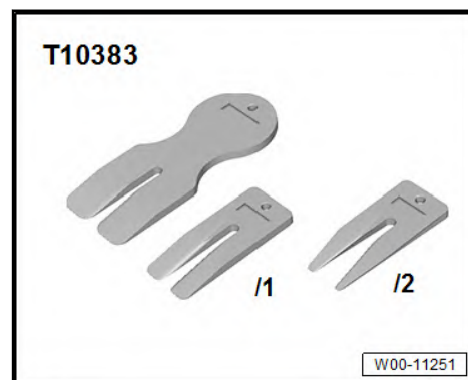
- ❑ Qty. 2



6.3 Removing and installing lower rear lid trim

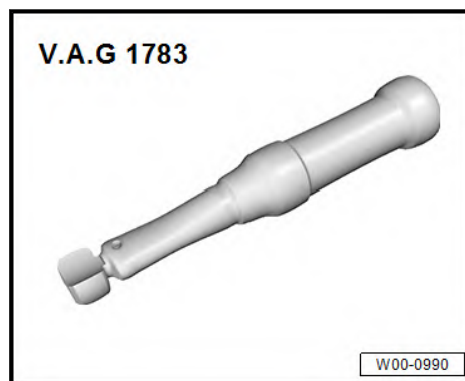
Special tools and workshop equipment required

- ◆ Wedges -T10383-



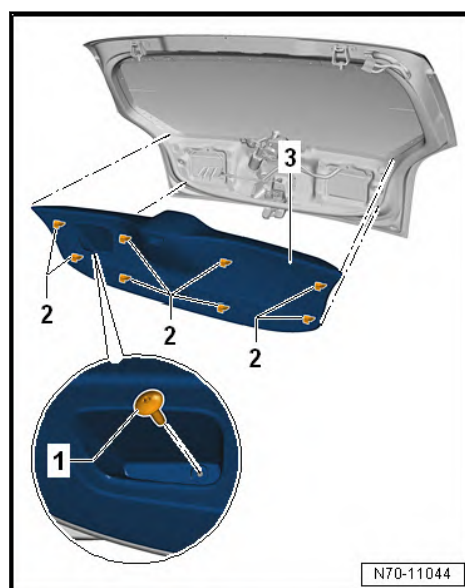


◆ Torque wrench -V.A.G 1783-



Removing

- Remove screw -1- from handle recess.



- 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.

Install in reverse order of removal, observing the following:

Torque settings

Component	Torque setting
Bolt	1.5 Nm



6.4 Removing and installing luggage compartment side trim

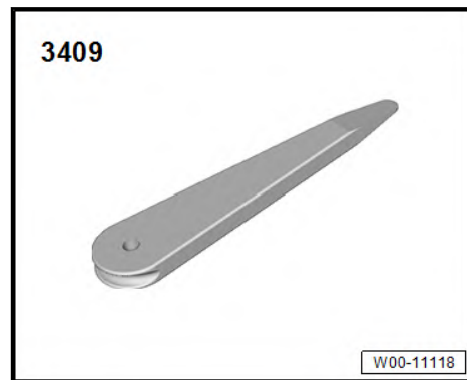
⇒ [a6.4.1 nd installing luggage compartment side trim", page 191](#)

⇒ [a6.4.2 nd installing luggage compartment side trim, load up!", page 193](#)

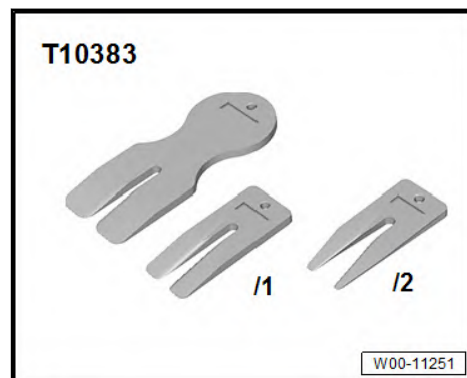
6.4.1 Removing and installing luggage compartment side trim

Special tools and workshop equipment required

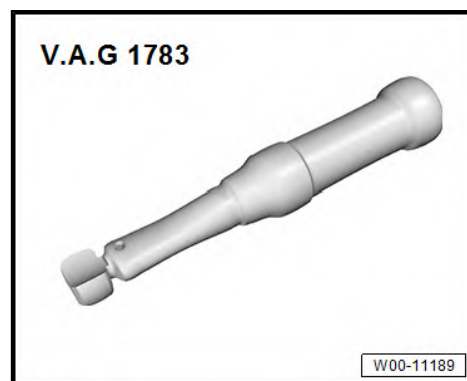
◆ Removal wedge -3409-



◆ 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 ➤ [page 183](#) .

2-door

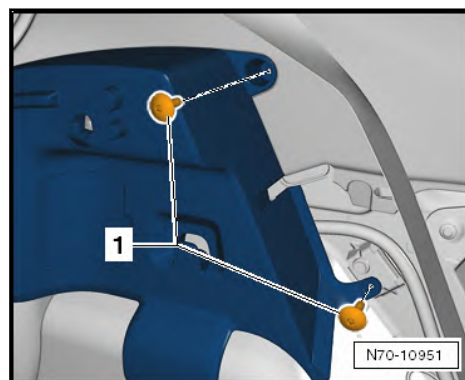
- Remove rear seat backrest ➤ [page 246](#) .
- Remove side trim panel ➤ [page 178](#) .

4-door

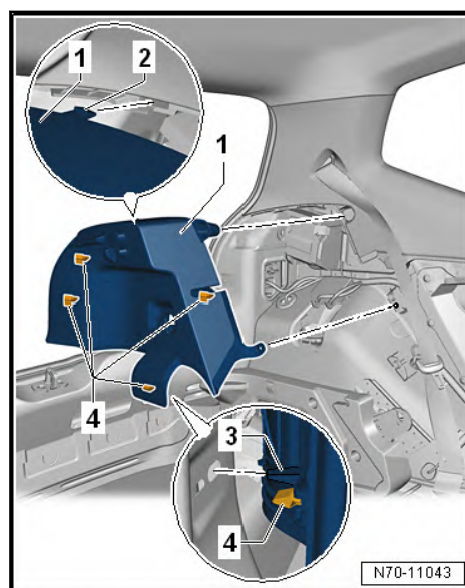
- Remove lower C-pillar trim ➤ [page 173](#) .

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 device -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

Install in reverse order of removal, observing the following:



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.*
- Insert centring mandrel -3- into mounting.

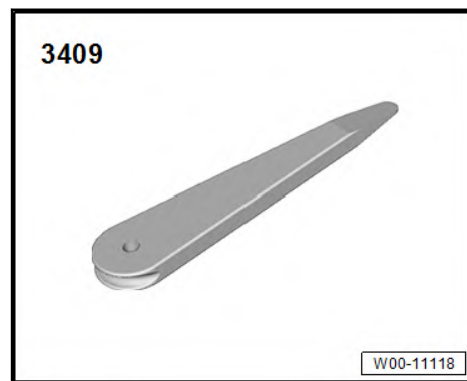
Torque settings

- ◆ [⇒ o6.2.1 overview - luggage compartment side trim", page 187](#)

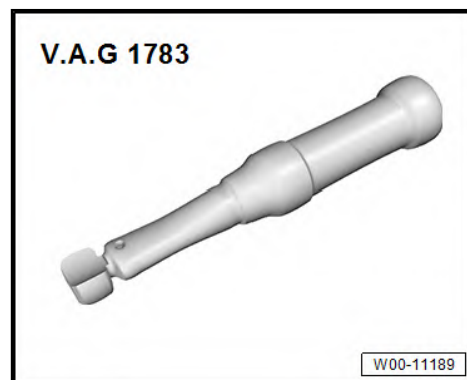
6.4.2 Removing and installing luggage compartment side trim, load up!

Special tools and workshop equipment required

- ◆ Removal wedge -3409-



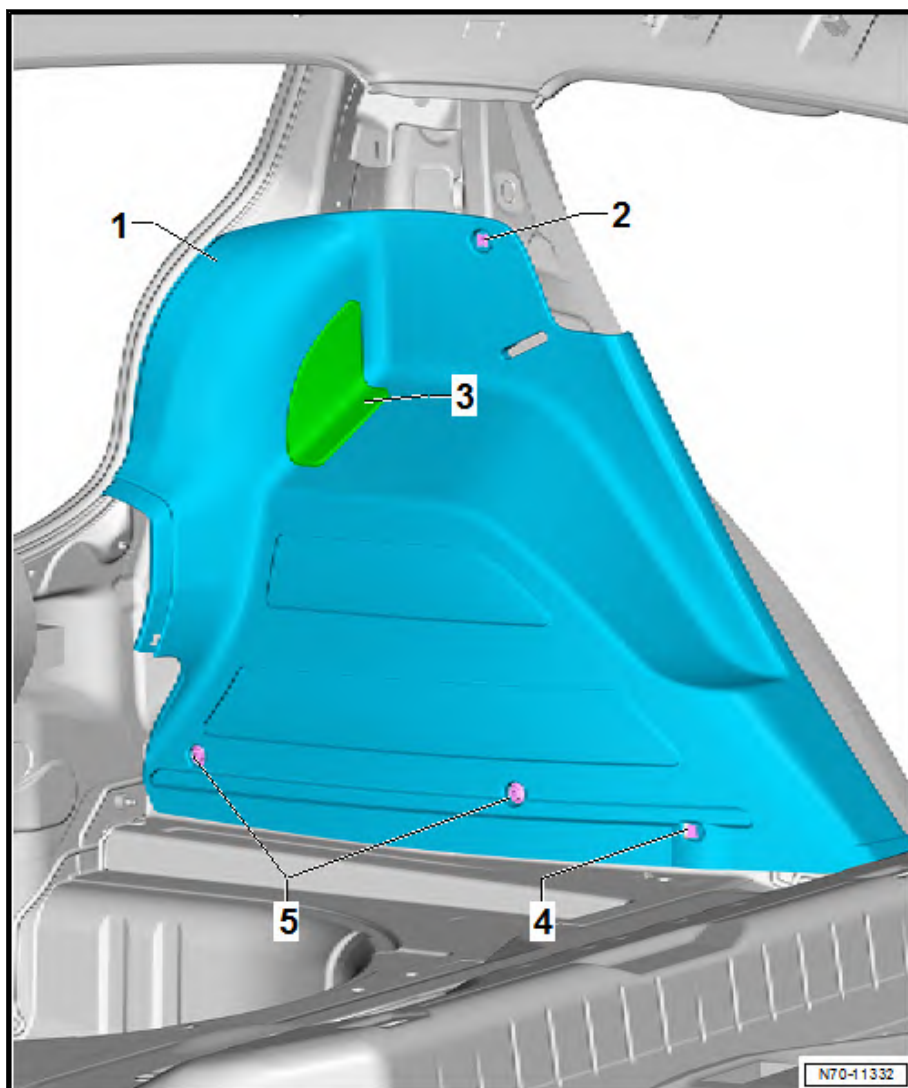
- ◆ Torque wrench -V.A.G 1783-



Note

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

Removing



- Remove luggage compartment floor ➤ [page 196](#) .
- Remove frame for luggage compartment floor ➤ [page 201](#) .
- 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-.*

Install in reverse order of removal, observing the following:

Torque settings

- ◆ Bolts ➔ [o6.2.2 verview - luggage compartment side trim, load-up!](#), page 188

6.5 Removing and installing luggage compartment floor

➔ [a6.5.1 nd installing upper luggage compartment floor](#), page 195

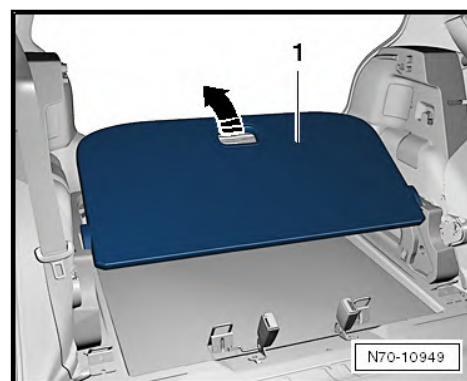
➔ [a6.5.2 nd installing lower luggage compartment floor](#), page 196

➔ [a6.5.3 nd installing luggage compartment floor, load up!](#), page 196

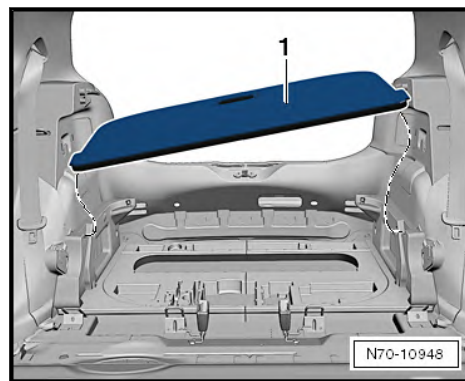
6.5.1 Removing and installing upper luggage compartment floor

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:



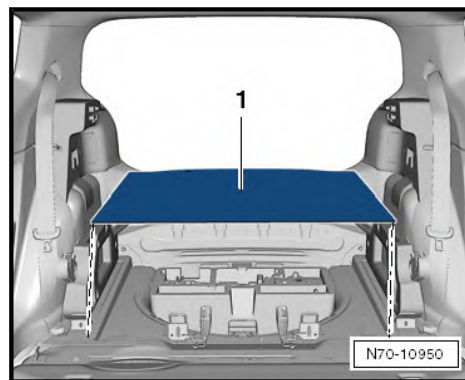
Note

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

6.5.2 Removing and installing lower luggage compartment floor

Removing

- Remove upper luggage compartment floor ➔ [page 195](#) .
- Remove lower luggage compartment floor -1-.



Installing

Install in reverse order of removal, observing the following:

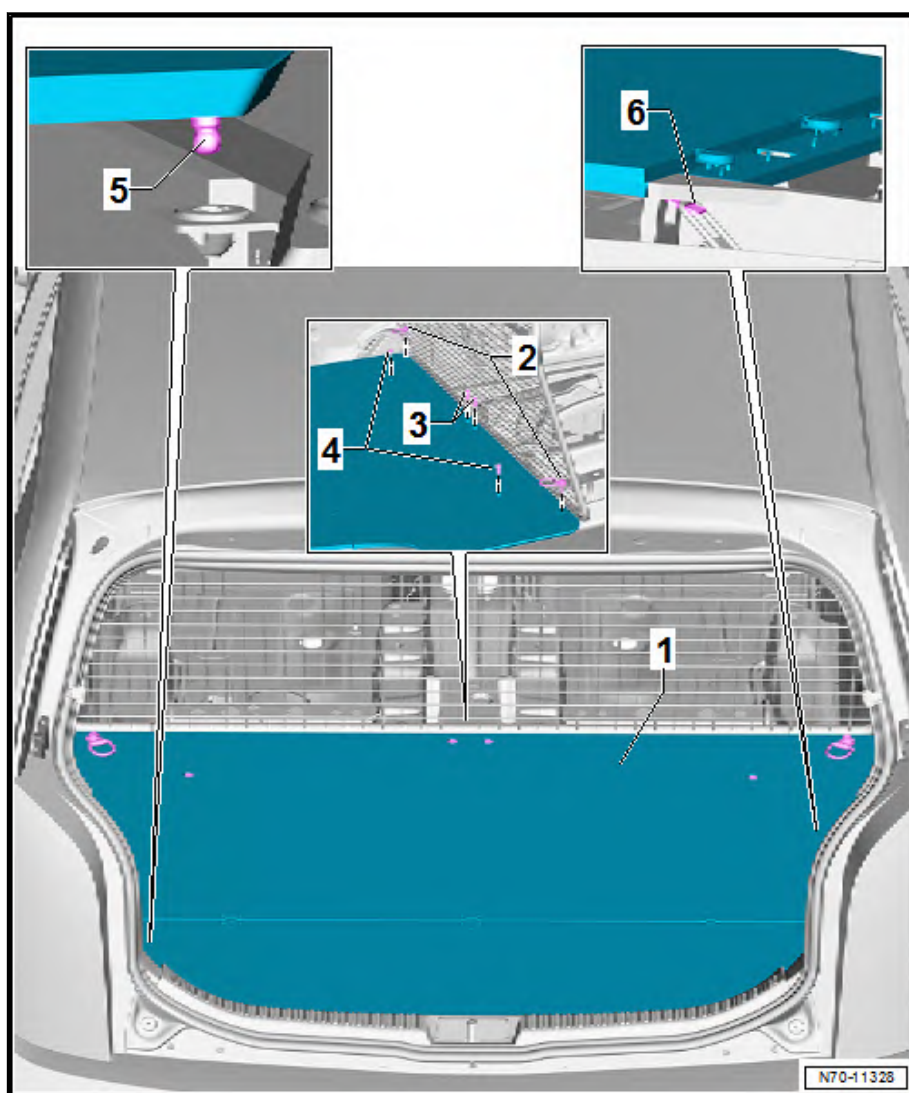


Note

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

6.5.3 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 upwards.
- Fold luggage compartment floor -1- at front and rear at an angle of about 45° in direction of partition.
- Guide luggage compartment floor -1- out of outer retaining tabs for Isofix -6-.
- Remove luggage compartment floor -1- through door aperture.

Installing

Install in reverse order of removal, observing the following:



Note

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

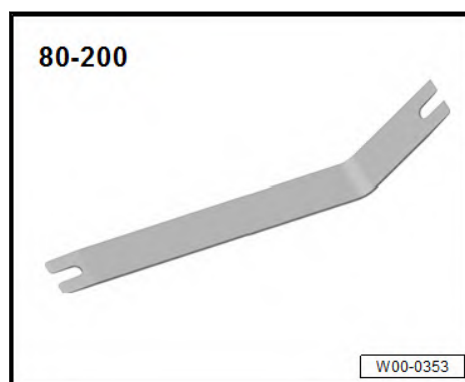
Specified torques

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

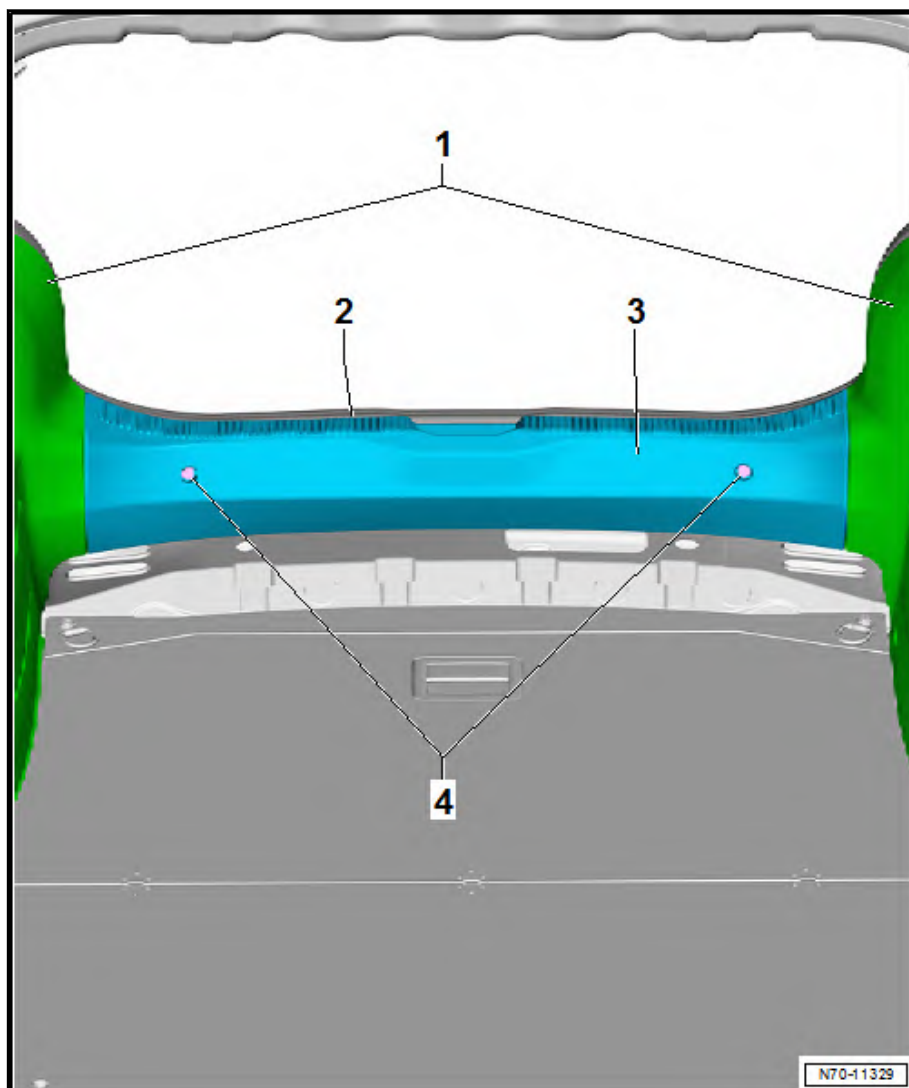
6.6 Removing and installing lock carrier trim

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.*

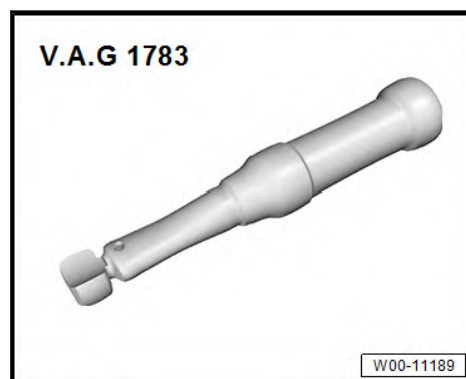
Install in reverse order.



6.7 Removing and installing support for luggage compartment floor

Special tools and workshop equipment required

- ◆ Torque wrench -V.A.G 1783-

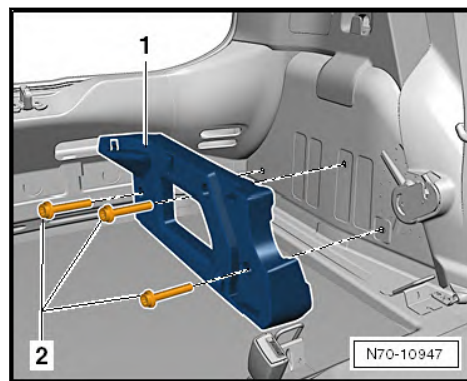


Note

*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 195](#) .
- Fold down rear seat backrest.
- Unscrew bolts -2-.



- Remove luggage compartment floor covering bracket -1-.

Installing



Note

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

Install in reverse order of removal, observing the following:

Torque settings

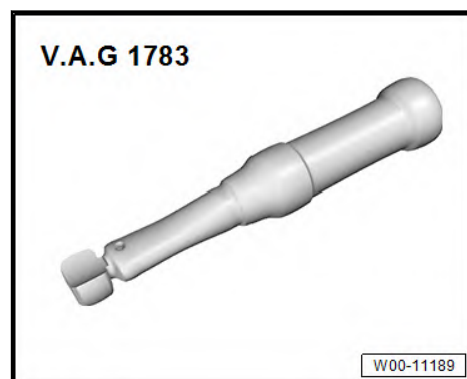
Component	Torque setting
Bolts	8 Nm



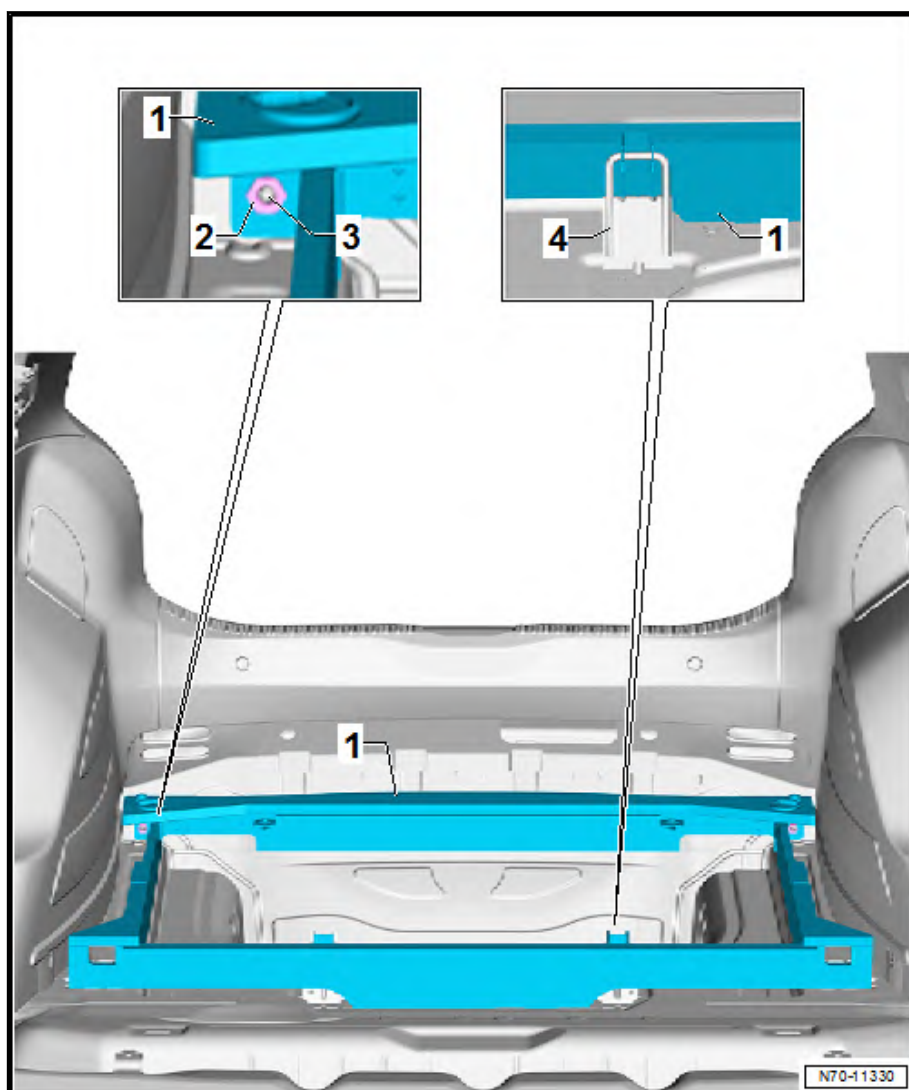
6.8 Removing and installing loading aid frame

Special tools and workshop equipment required

- ◆ Torque wrench -V.A.G 1783-



Removing



- Remove luggage compartment floor ➔ [page 196](#) .
- 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.

Install in reverse order of removal, observing the following:

Torque settings

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



7 Roof trims

⇒ [07.1 fitting locations - roof trim](#), page 203

⇒ [07.2 overview - moulded headliner](#), page 204

⇒ [07.3 removing and installing moulded headlining](#), page 205

⇒ [07.4 roof reinforcement to body](#), page 211

7.1 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 204](#)
- ☐ Removing and installing ⇒ [page 205](#)

2 - Sun visor

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

3 - Remove front interior and reading light

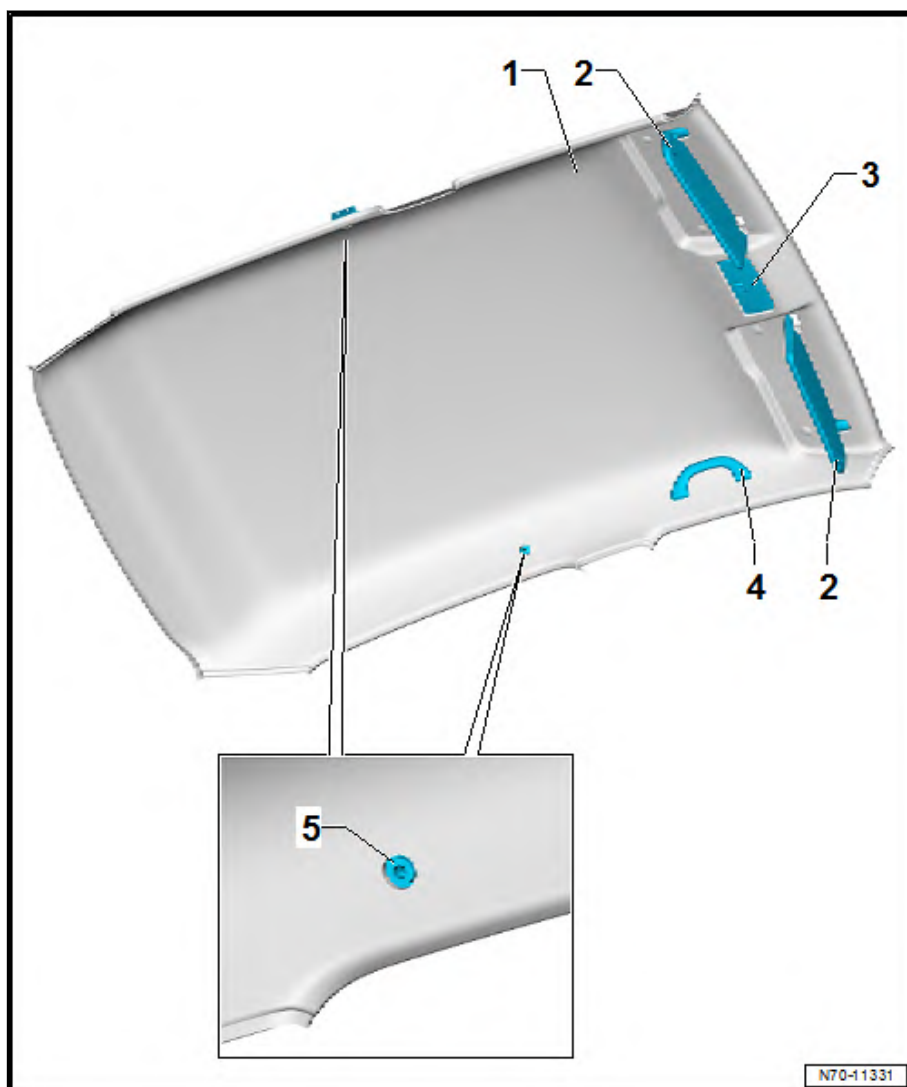
- ☐ Removing and installing ⇒ Rep. gr. 96; Lights and controls in roof trim; Removing and installing front interior and reading light

4 - Roof grab handle

- ☐ Removing and installing ⇒ [page 32](#)

5 - Hole for bracket of partition panel

- ☐ Only load up!



N70-11331



7.2 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 32](#)

2 - Moulded headliner

- ❑ With or without panorama tilting sunroof (depending on vehicle equipment)
- ❑ Removing and installing ➤ [page 205](#)

3 - Windscreen surround

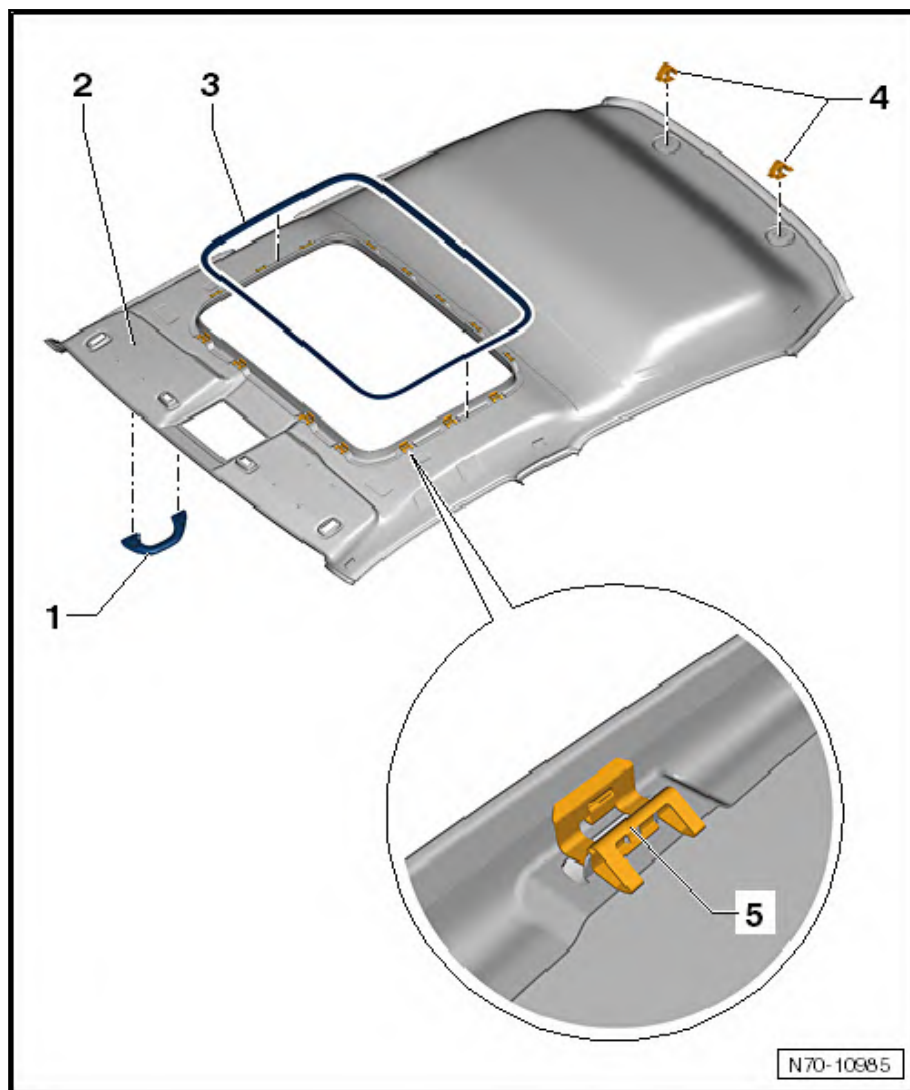
- ❑ Only for vehicles with panorama tilting sunroof
- ❑ Observe installation position: yellow marking on mounting frame must point in direction of travel

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





7.3 Removing and installing moulded headlining

⇒ [a7.3.1 nd installing moulded headliner, vehicles without panorama tilting sunroof](#), page 205

⇒ [a7.3.2 nd installing moulded headliner, vehicles with panorama tilting sunroof](#), page 207

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



Note

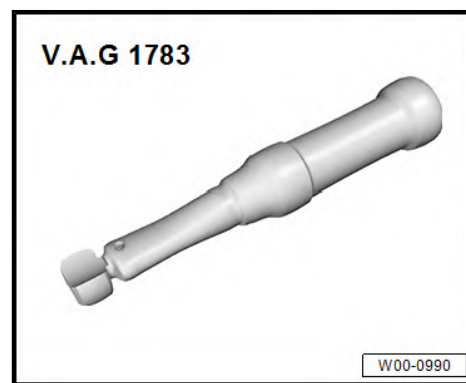
For the load up! the moulded headliner must be adapted to fit in the area of the partition panel bracket.

Special tools and workshop equipment required

◆ Removal wedge -3409-



◆ Torque wrench -V.A.G 1783-



Removing

- Remove interior mirror ⇒ [page 47](#) .
- 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 29](#) .
- Remove sun visor centre mounts on left and right ⇒ [page 31](#) .
- Remove roof grab handle ⇒ [page 32](#) .
- Remove upper left and right A-pillar trim ⇒ [page 162](#) .



2-door

- Remove right and left B-pillar trims ⇒ [page 165](#) .
- Remove left and right C-pillar trim ⇒ [page 171](#) .

4-door

- Release right and left B-pillar trims ⇒ [page 165](#) .



Note

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

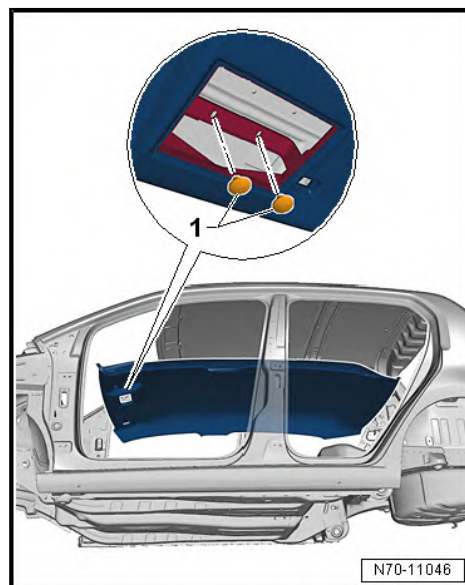
- Remove left and right upper C-pillar trims ⇒ [page 171](#) .
- Remove rear seat backrest ⇒ [page 246](#) .
- Remove rear lid seal ⇒ General body repairs, exterior; Rep. gr. 55; Rear lid; Removing and installing seal.

load up!

- Remove luggage compartment floor ⇒ [page 195](#) .
- Remove partition panel ⇒ [page 28](#) .

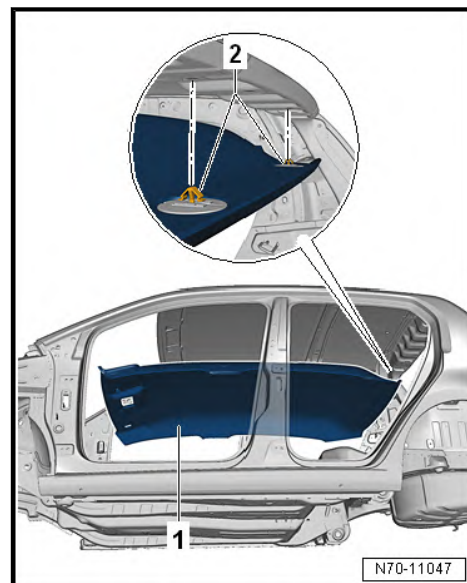
Continued for all vehicles

- Unscrew bolts -1-.



Note

- ♦ *The moulded headliner is easily kinked.*
- ♦ *If kinked, the headliner must be renewed.*
- 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 aid of a second mechanic is required to remove the moulded headliner.

- With aid of second mechanic, lower moulded headliner -1-.

2-door

- With aid of 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 rear lid aperture.

Installing



Note

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

Install in reverse order of removal, observing the following:

Torque settings

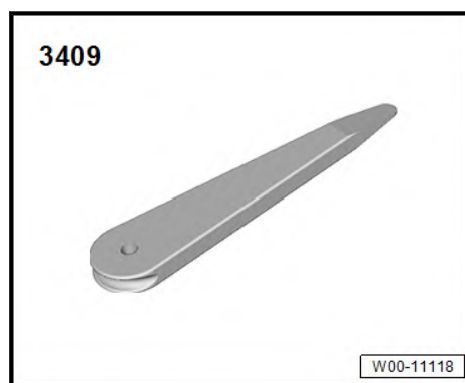
Component	Torque setting
Bolts	2 Nm

7.3.2 Removing and installing moulded headliner, vehicles with panorama tilting sunroof

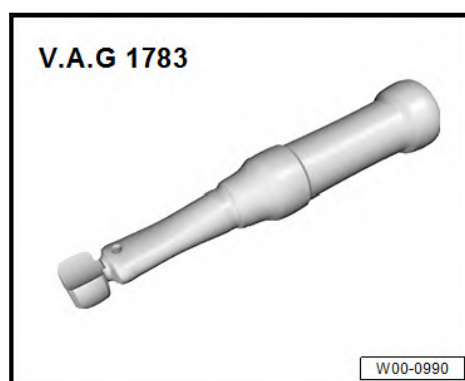
Special tools and workshop equipment required



◆ Removal wedge -3409-

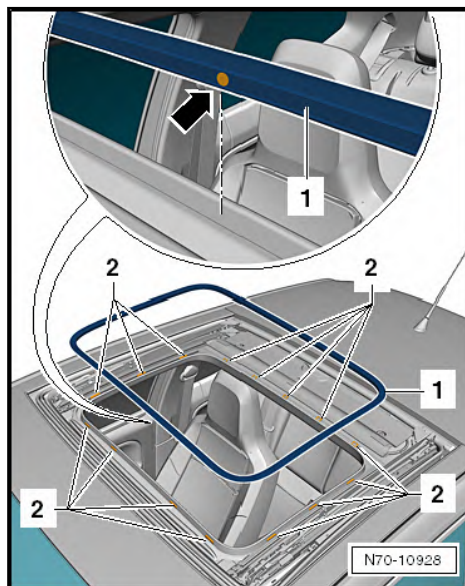


◆ Torque wrench -V.A.G 1783-



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 47](#) .
- 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 29](#) .
- Remove sun visor centre mounts on left and right ➤ [page 31](#) .



- Remove roof grab handle ➤ [page 32](#) .
- Remove upper left and right A-pillar trim ➤ [page 162](#) .

2-door

- Remove right and left B-pillar trims ➤ [page 165](#) .
- Remove left and right C-pillar trim ➤ [page 171](#) .

4-door

- Release right and left B-pillar trims ➤ [page 165](#) .



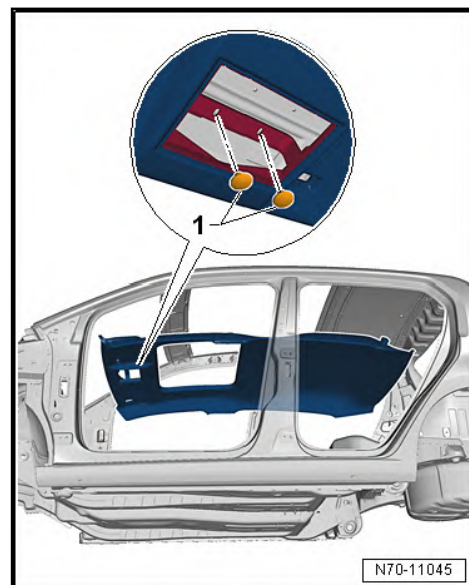
Note

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

- Remove left and right upper C-pillar trims ➤ [page 171](#) .
- Remove rear seat backrest ➤ [page 246](#) .
- Remove rear lid seal ➤ General body repairs, exterior; Rep. gr. 55; Rear lid; Removing and installing seal.

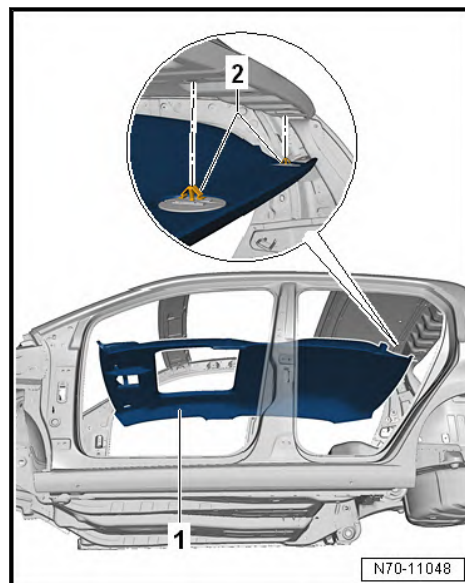
Continued for all vehicles

- Unscrew bolts -1-.



Note

- ◆ *The moulded headliner is easily kinked.*
- ◆ *If kinked, the headliner must be renewed.*
- 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 aid of a second mechanic is required to remove the moulded headliner.

- With aid of second mechanic, lower moulded headliner -1-.

2-door

- With aid of 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 rear lid aperture.

Installing



Note

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

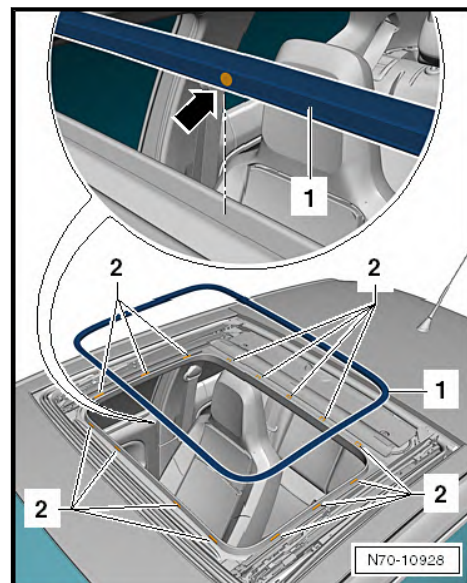
Install in the reverse order of removal observing the following:



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.



Torque settings

Component	Torque setting
Bolts	2 Nm

7.4 Installing roof reinforcement to body

Special tools and workshop equipment required

- ◆ Electric cutter -V.A.G 1561 B-
- ◆ Blade, offset -V.A.G 1561/20-

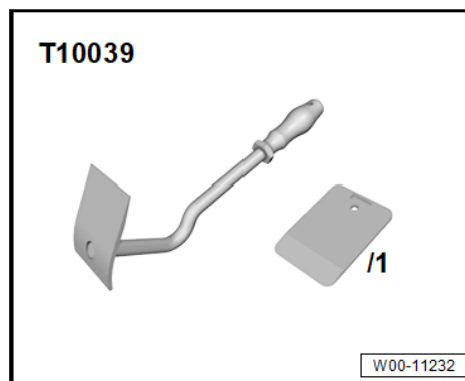


- ◆ Hand-cartridge gun -V.A.G 1628-



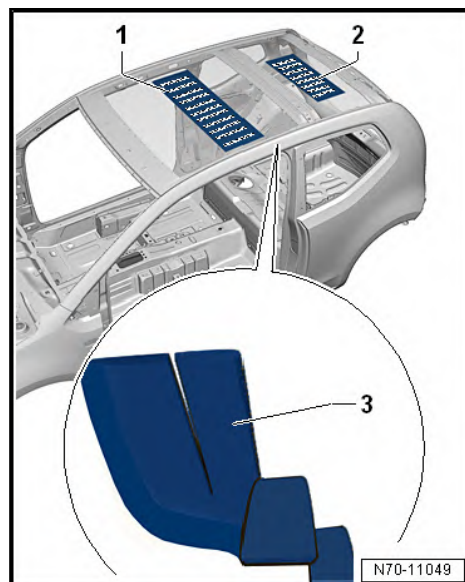


◆ Release lever -T10039-



Removing

- Remove moulded headliner ➔ [page 205](#) .
- 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.

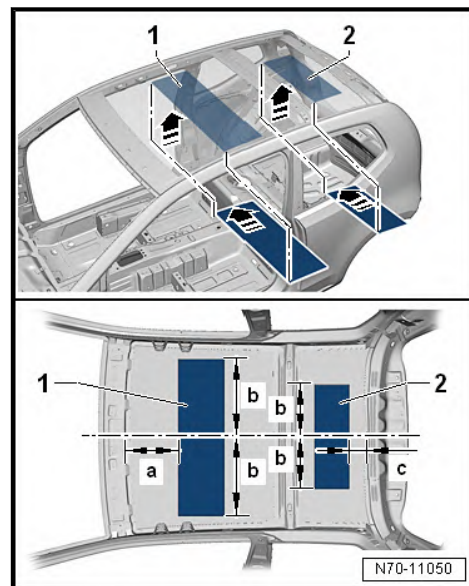
Installing



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- on roof according to -dimension a- and -dimension b-, 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

⇒ [o1.1 fitting locations - seat variants](#), [page 214](#)

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 215](#)

2 - Front passenger seat

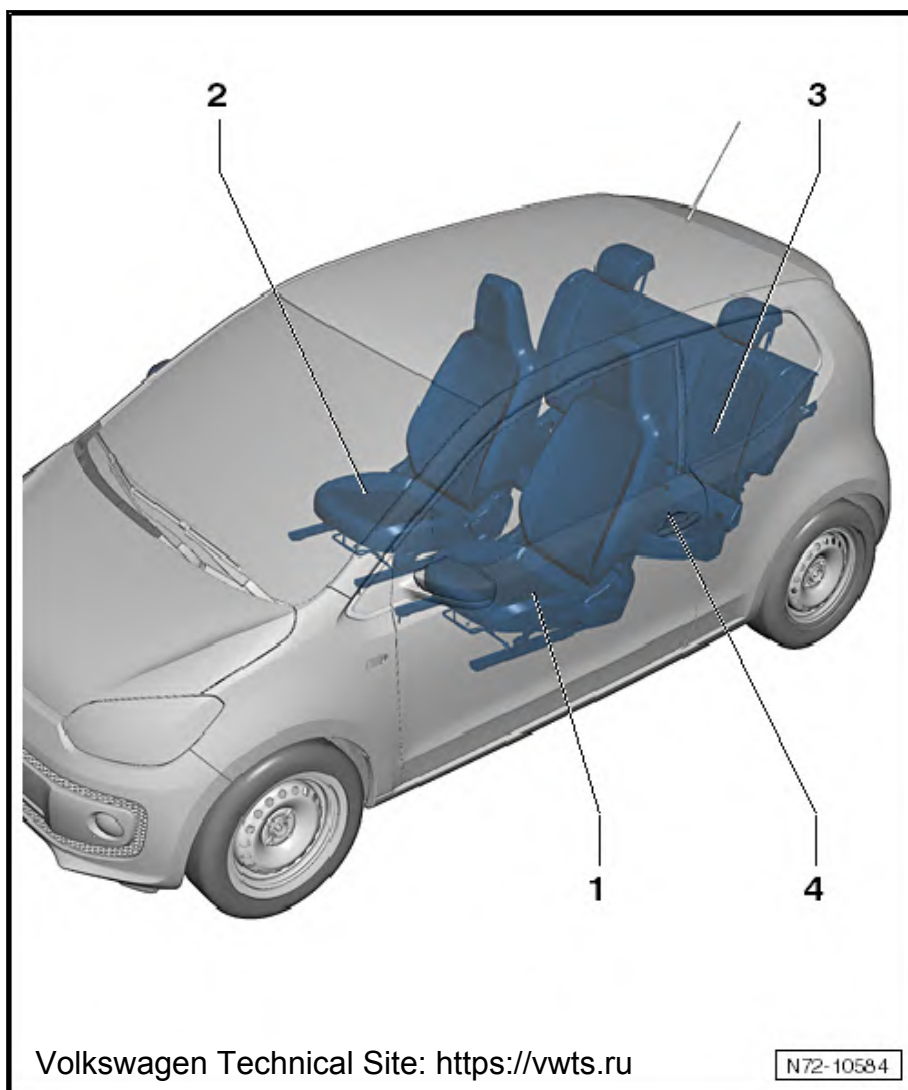
- ☐ Mechanically adjustable
- ☐ With Easy Entry, 2-door models only
- ☐ Assembly overview - front seat ⇒ [page 215](#)
- ☐ Assembly overview - front backrest ⇒ [page 216](#)

3 - Rear seat backrest

- ☐ One-piece design or split design (depending on vehicle equipment)
- ☐ Assembly overview - rear seat backrest ⇒ [page 240](#)

4 - Bench seat/individual seats

- ☐ Assembly overview - bench seat/individual seats ⇒ [page 240](#)





2 Front seats

- ⇒ [o2.1 verview - front seat", page 215](#)
- ⇒ [o2.2 verview - front backrest", page 216](#)
- ⇒ [o2.3 verview - seat pan", page 217](#)
- ⇒ [a2.4 nd installing front seat", page 219](#)
- ⇒ [a2.5 nd disconnecting airbag adapter", page 229](#)
- ⇒ [a2.6 nd installing backrest release mechanism", page 231](#)
- ⇒ [a2.7 nd installing handle for seat height adjustment", page 233](#)
- ⇒ [a2.8 nd handle for installing backrest adjustment", page 233](#)
- ⇒ [a2.9 nd installing seat height adjustment unit", page 235](#)
- ⇒ [a2.10 nd installing front backrest", page 236](#)

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 219](#)

5 - Backrest adjustment lever

- ☐ Tunnel side
- ☐ Removing and installing ⇒ [page 233](#)

6 - Front backrest

- ☐ With adjustable tilt angle
- ☐ Removing and installing ⇒ [page 236](#)

7 - Head restraint

- ☐ Firmly integrated in seat

8 - Easy Entry lever

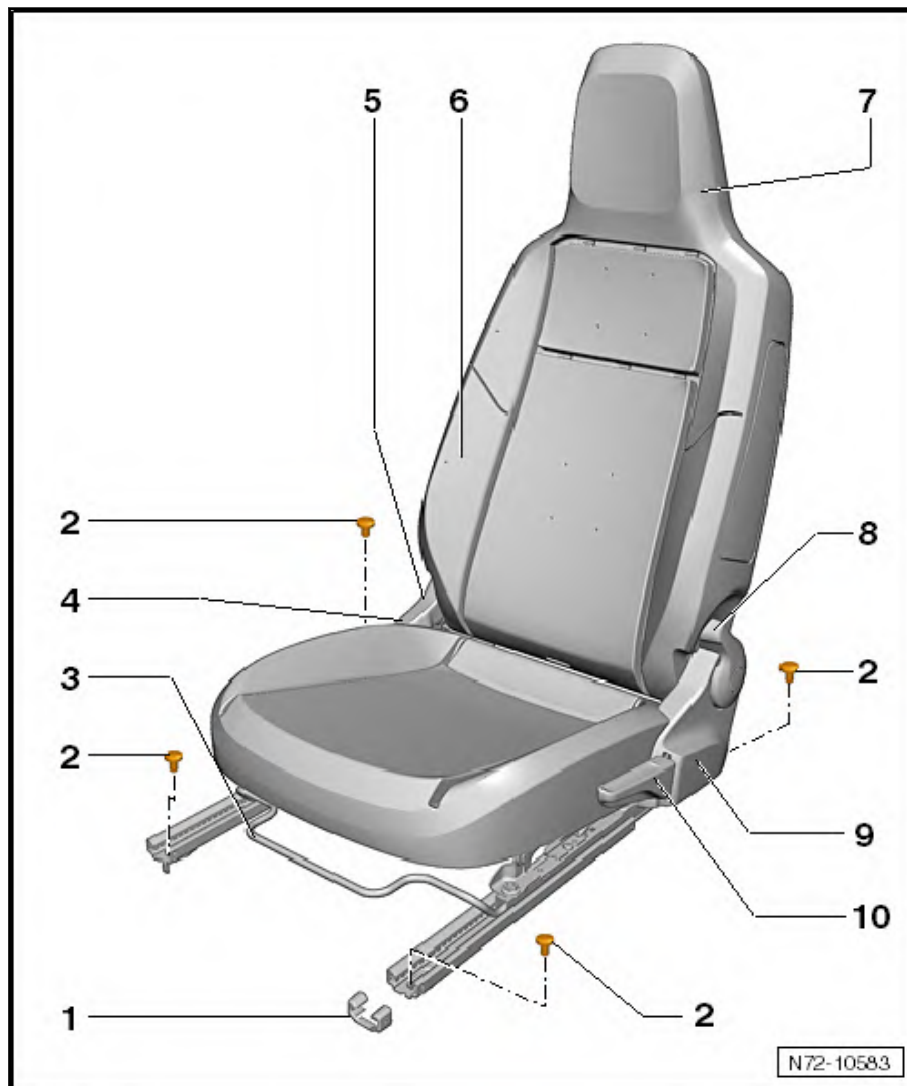
- ☐ Depending on equipment
- ☐ A cover is fitted in vehicles without Easy Entry
- ☐ Removing and installing ⇒ [page 231](#)

9 - Front seat trim

- ☐ Sill side
- ☐ Removing and installing ⇒ [page 219](#)

10 - Seat heat adjustment lever

- ☐ Sill side
- ☐ Depending on equipment
- ☐ Removing and installing ⇒ [page 233](#)



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 256](#)

2 - Padding

- ☐ With or without backrest heating element (depending on vehicle equipment)
- ☐ Removing and installing ➤ [page 256](#)

3 - Backrest frame

- ☐ With integrated head restraint
- ☐ Removing and installing ➤ [page 256](#)

4 - Front seat trim

- ☐ Sill side
- ☐ Removing and installing ➤ [page 219](#)

5 - Easy Entry lever

- ☐ Depending on equipment
- ☐ A cover is fitted in vehicles without Easy Entry
- ☐ Removing and installing ➤ [page 231](#)

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

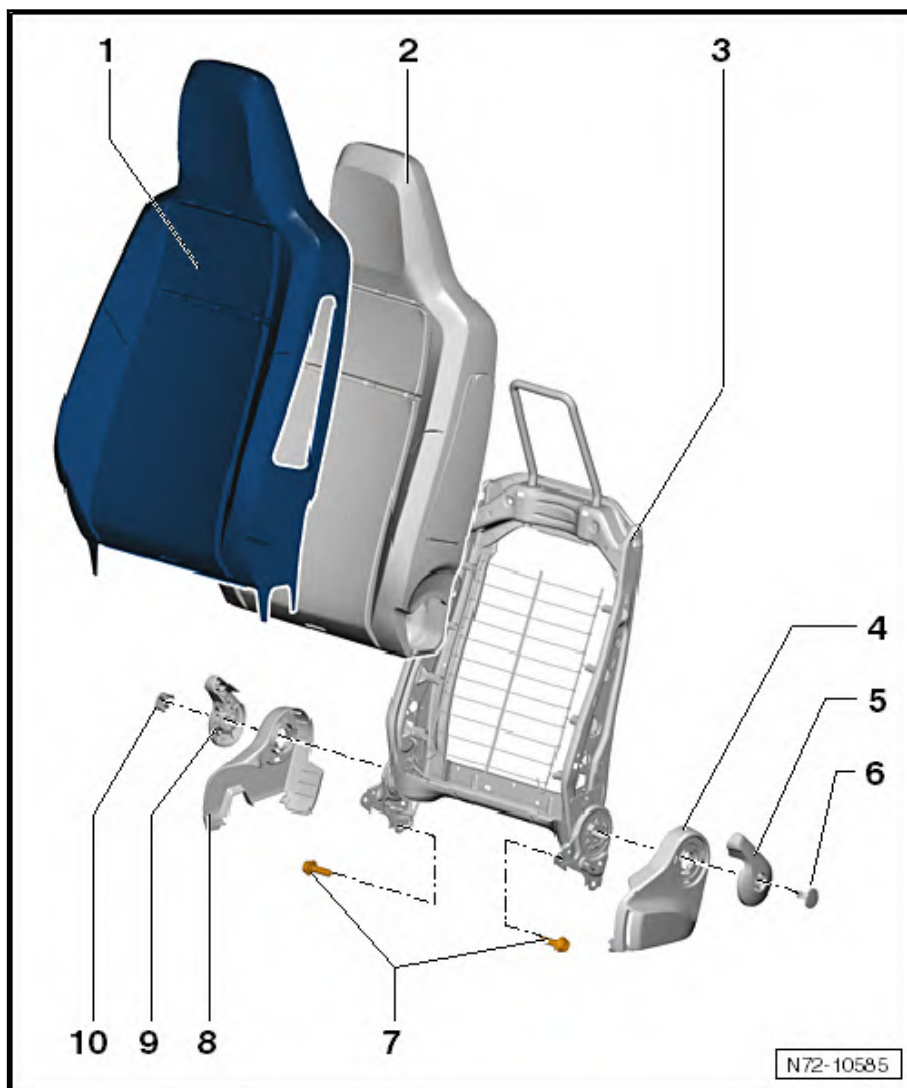
8 - Front seat trim

- ☐ Tunnel side
- ☐ Removing and installing ➤ [page 219](#)

9 - Backrest adjustment lever

- ☐ Removing and installing ➤ [page 233](#)

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 253](#)

2 - Padding

- ☐ With or without heating element
- ☐ Removing and installing ⇒ [page 253](#)

3 - Seat occupied sensor, front passenger side -G128-

- ☐ Removing and installing ⇒ [page 109](#)

4 - Seat pan

5 - Seat height adjuster

- ☐ Depending on equipment
- ☐ Removing and installing ⇒ [page 235](#)

6 - Front seat trim

- ☐ Sill side
- ☐ Removing and installing ⇒ [page 219](#)

7 - Easy Entry lever

- ☐ Depending on equipment
- ☐ A cover is fitted in vehicles without Easy Entry
- ☐ Removing and installing ⇒ [page 231](#)

8 - Seat heat adjustment lever

- ☐ Sill side
- ☐ Depending on equipment
- ☐ Removing and installing ⇒ [page 233](#)

9 - Bar

- ☐ For longitudinal seat adjustment

10 - Seat rails

11 - Front seat trim

- ☐ Tunnel side
- ☐ Removing and installing ⇒ [page 219](#)

12 - Front belt buckle

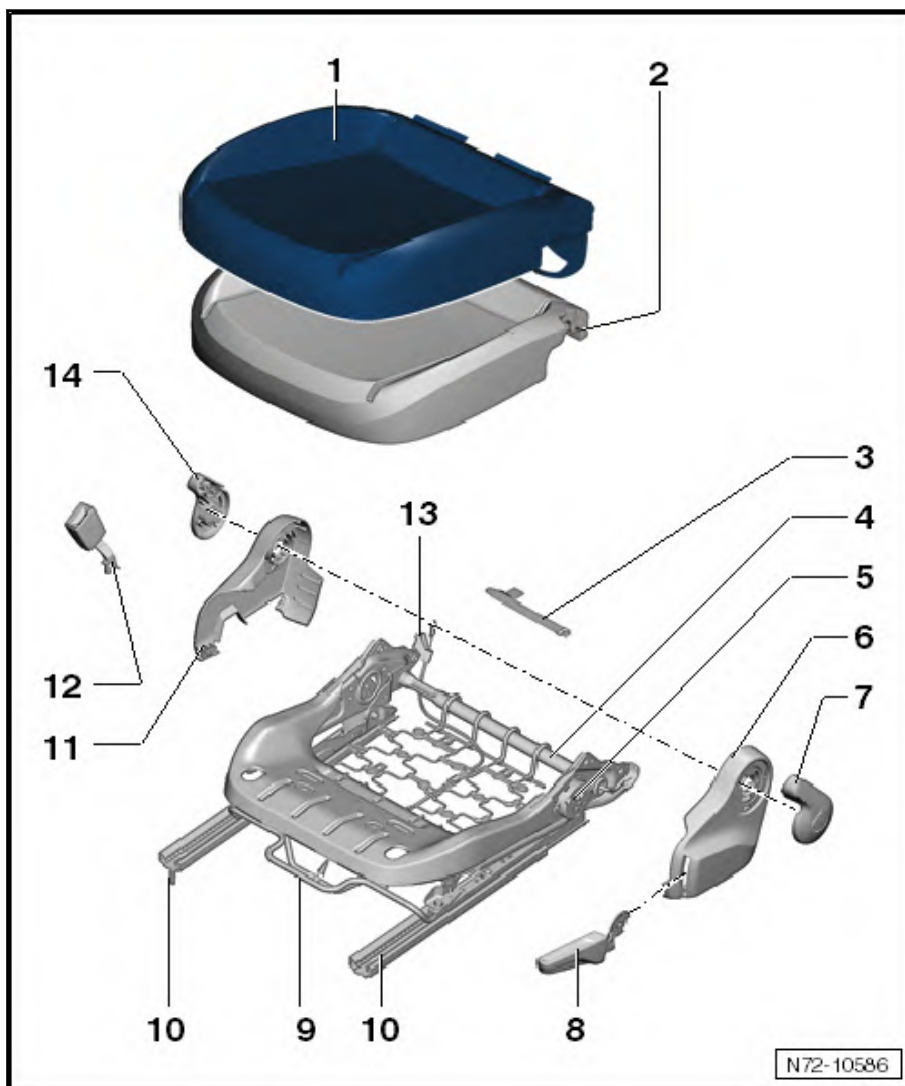
- ☐ Removing and installing ⇒ [page 66](#)

13 - Easy Entry

- ☐ Depending on equipment

14 - Backrest adjustment lever

- ☐ Removing and installing ⇒ [page 233](#)





2.4 Removing and installing front seat

⇒ [a2.4.1 nd installing front seat", page 219](#)

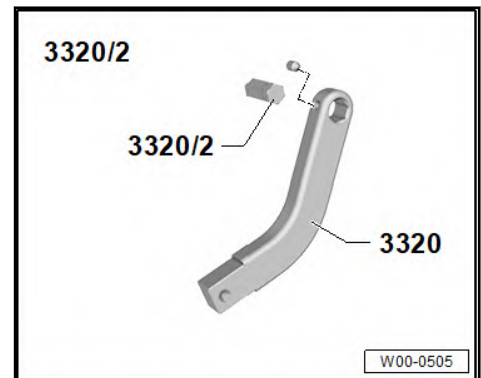
⇒ [a2.4.2 nd installing front seat trim, front seat without height adjustment mechanism", page 224](#)

⇒ [a2.4.3 nd installing front seat trim, front seat with height adjustment mechanism", page 226](#)

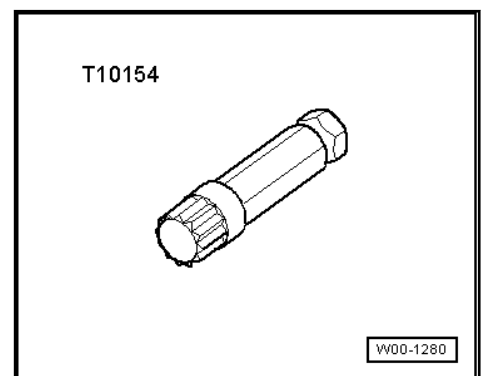
2.4.1 Removing and installing front seat

Special tools and workshop equipment required

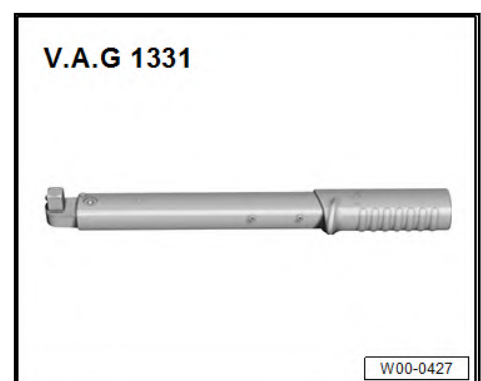
◆ Key (for door alignment) -3320-



◆ 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



Note

Observe general safety regulations when working on airbag, belt tensioner and battery isolator units (pyrotechnic components) ➔ [page 1](#).



DANGER

Danger to life from high voltage.

Severe or fatal injury from electric shock.

- **High-voltage system must be de-energised by a suitably qualified technician.**

- Disconnect vehicle battery ➔ Electrical system; Rep. gr. 27; Battery; Disconnecting and reconnecting battery.
- 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.

CAUTION

Pyrotechnic components can trigger unintentionally.

Risk of injury.

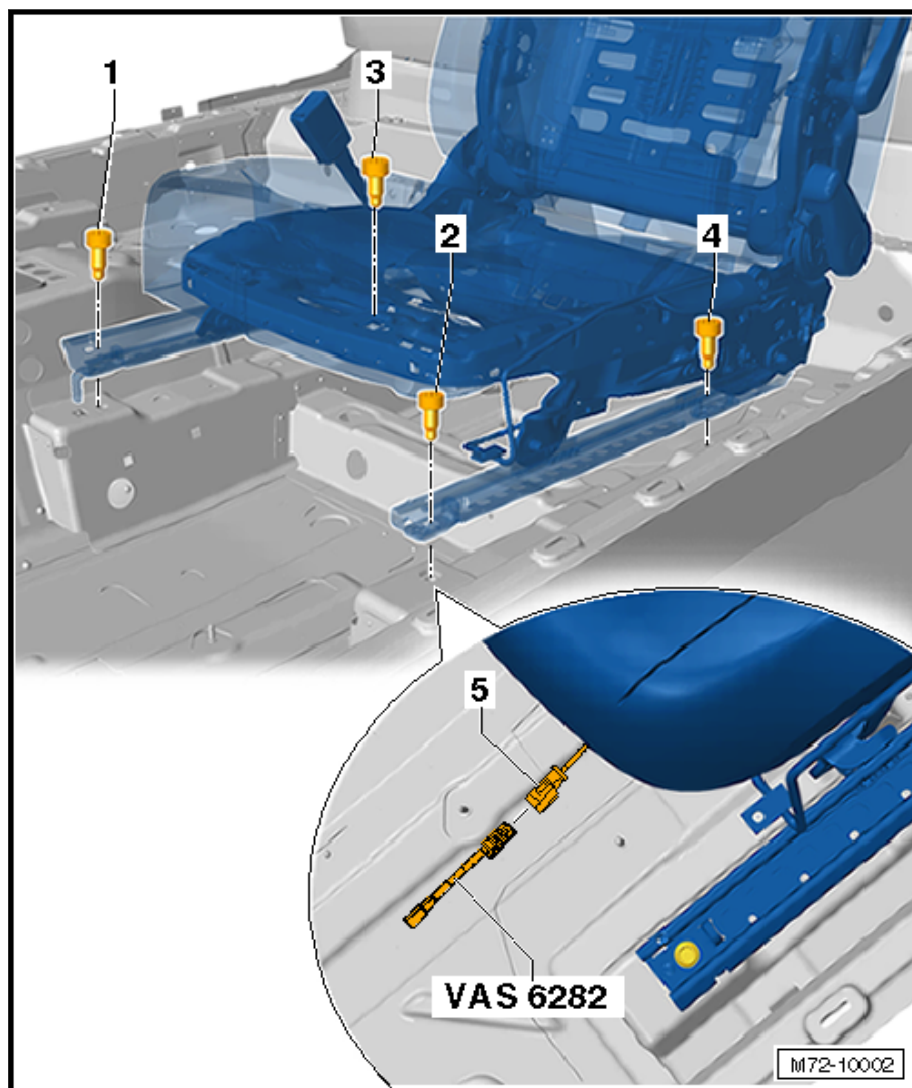
- **Discharge any static charge in your body by briefly touching the door striker plate.**

- Disconnect connectors from front seat, depending on vehicle equipment.
- Connect airbag adapter -VAS 6282- ➔ [page 229](#) .
- Unscrew bolts -1- and -2-

NOTICE

Risk of damage to seat when seat is lifted out or in transit.

- **Do not grab seat by attachments, e.g. belt buckle, seat longitudinal adjustment lever, seat height adjustment lever or seat trim.**
- 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.

NOTICE

Risk of damage to thread when seat is installed.

Thread in seat cross member mounting plate could become damaged.

- Do not rework damaged thread.
- Renew damaged thread.

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 229](#) .

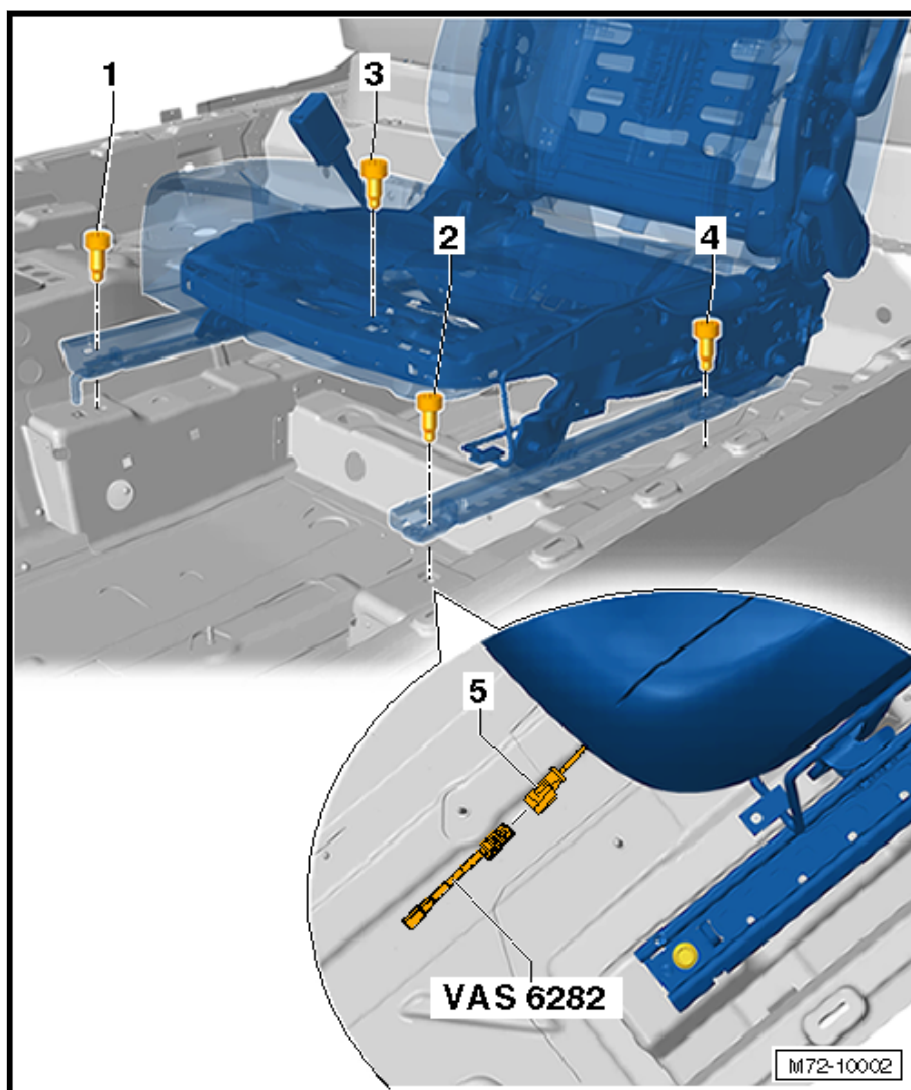


- Engage side airbag wiring harness -5- in coupling station.
- Engage all remaining connectors for front seat, depending on vehicle equipment.

⚠ CAUTION

Risk of injury from accidental triggering.

- There should be no-one in the 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.



Torque settings

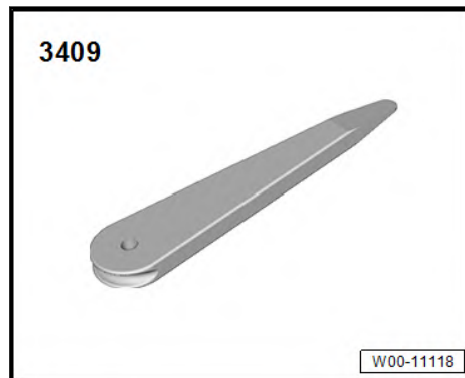
- ◆ Bolts ⇒ [o2.1 verview - front seat", page 215](#)



2.4.2 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 231](#) .

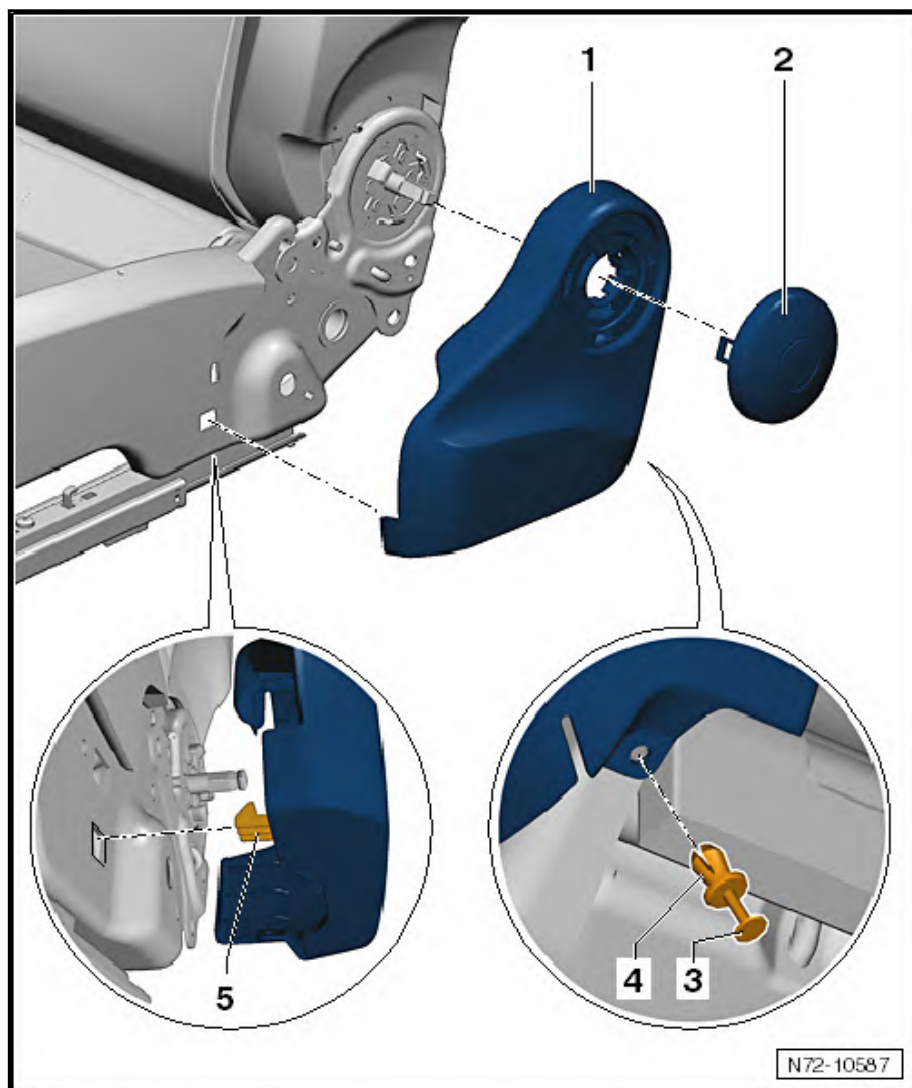


Note

- ◆ *The Easy Entry lever is not shown in the figure.*
- ◆ *The Easy Entry lever replaces cover -2-.*

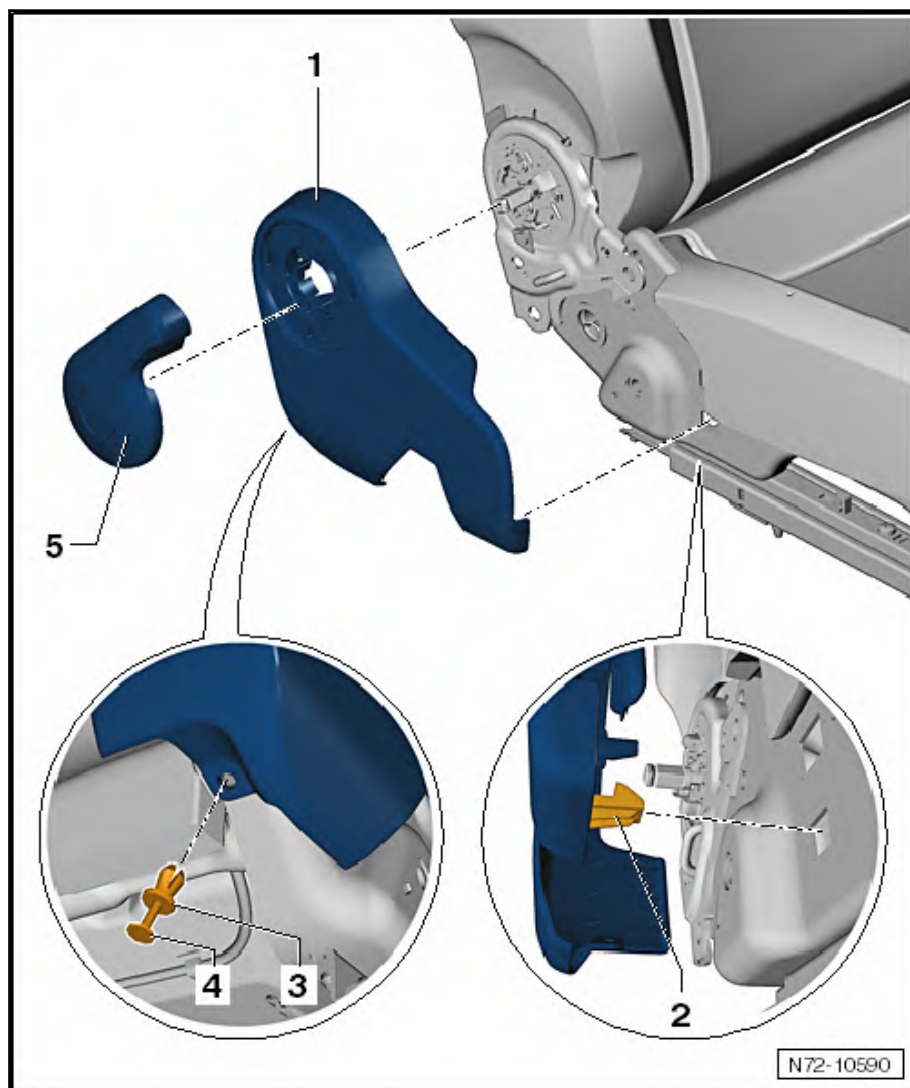
Continued for all front seats

- Remove spreader pin -3-, and remove spreader clip -4- from front seat trim -1-.
- Release locking device -5- from seat frame using removal wedge -3409-.
- Remove front seat trim -1-.



Removing, tunnel side

- Remove backrest adjustment lever -5- ➤ [page 233](#) .
- Remove spreader pin -4-, and remove spreader clip -3- from front seat trim -1-.
- Release locking device -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.

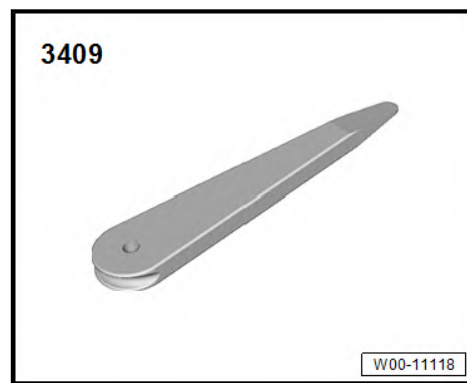
Install in reverse order of removal.

2.4.3 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 231](#) .

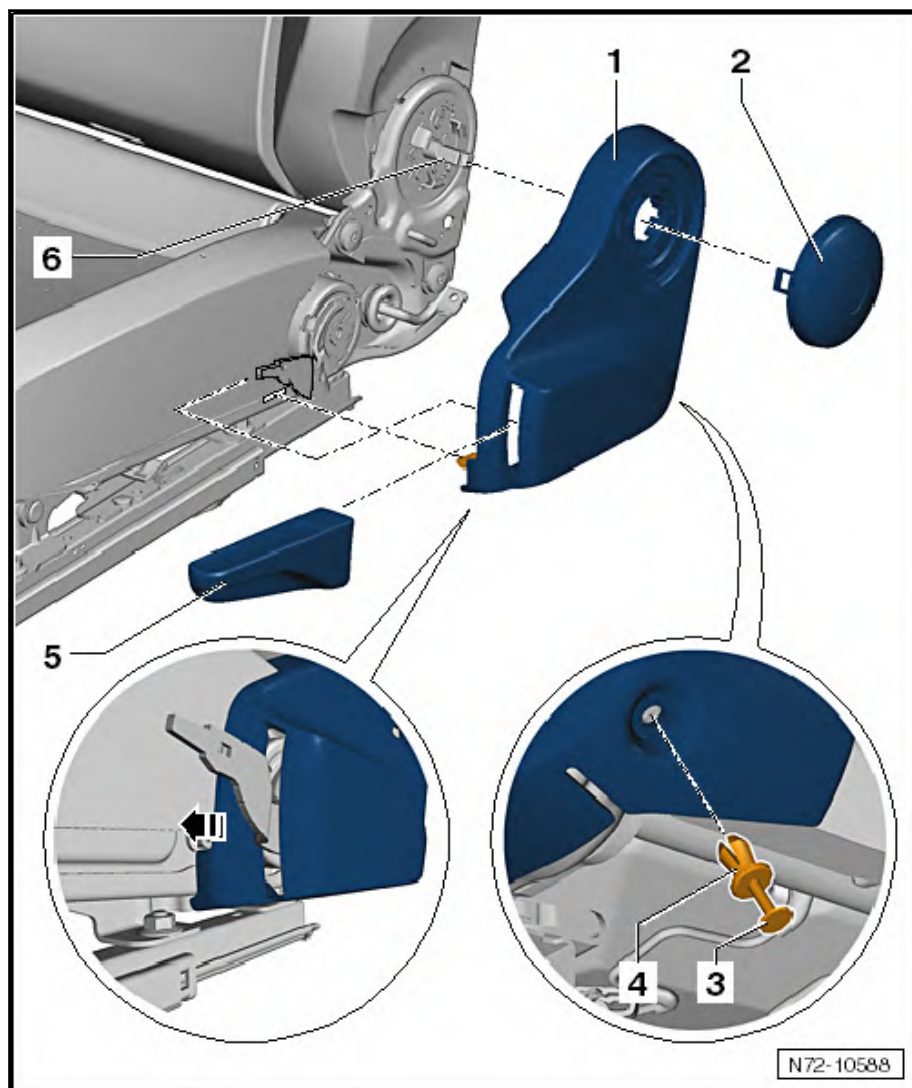


Note

- ◆ *The Easy Entry lever is not shown in the figure.*
- ◆ *The Easy Entry lever replaces cover -2-.*

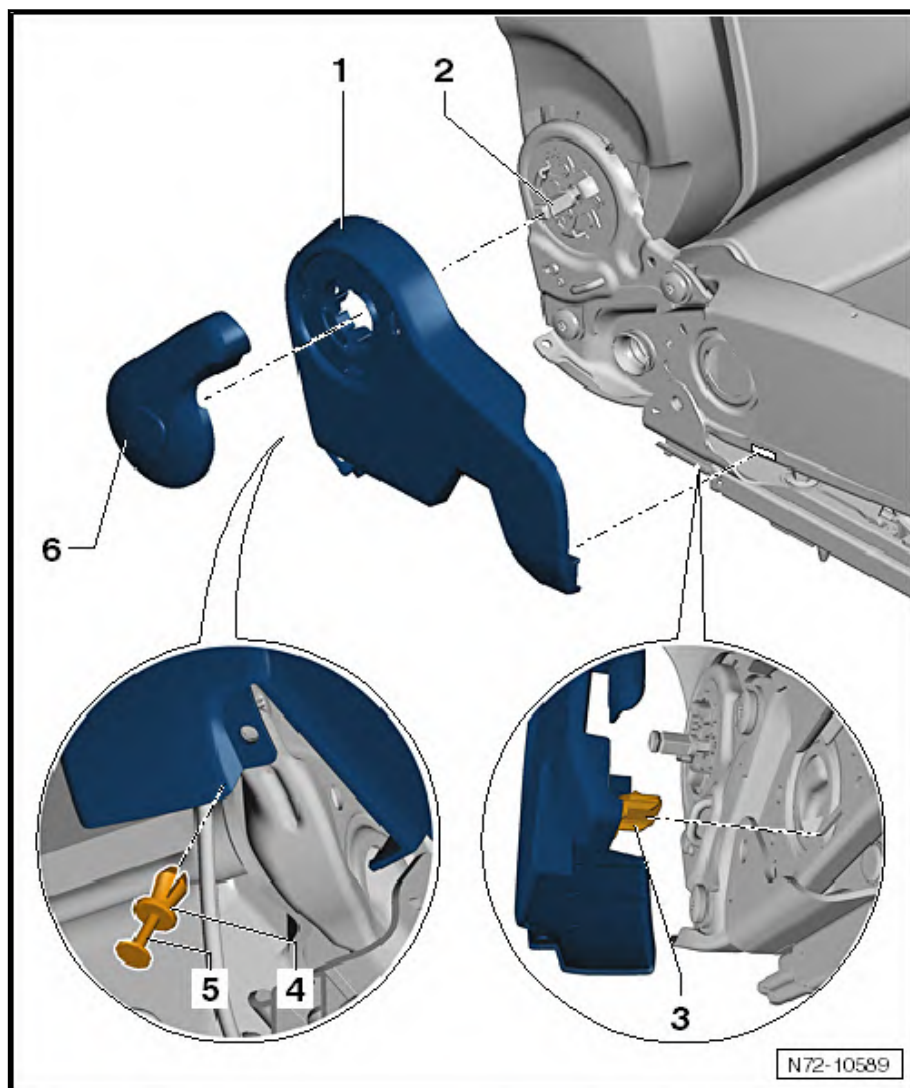
Continued for all front seats

- Remove seat height adjustment operating lever ➔ [page 233](#) .
- 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-.



Removing, tunnel side

- Remove backrest adjustment lever -6- ➔ [page 233](#) .
- 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.

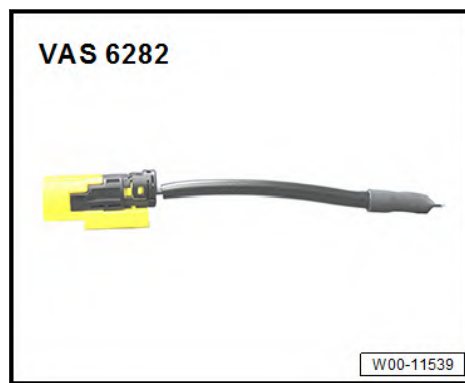
Install in reverse order of removal.

2.5 Connecting and disconnecting airbag adapter

Special tools and workshop equipment required



♦ Airbag adapter -VAS 6282-



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



Note

*Observe general safety regulations when working on airbag,
belt tensioner and battery isolator units (pyrotechnic compo-
nents) ➔ [page 1](#).*



DANGER

Danger to life from high voltage.

Severe or fatal injury from electric shock.

- High-voltage system must be de-energised by a suitably qualified technician.



CAUTION

Pyrotechnic components can trigger unintentionally.

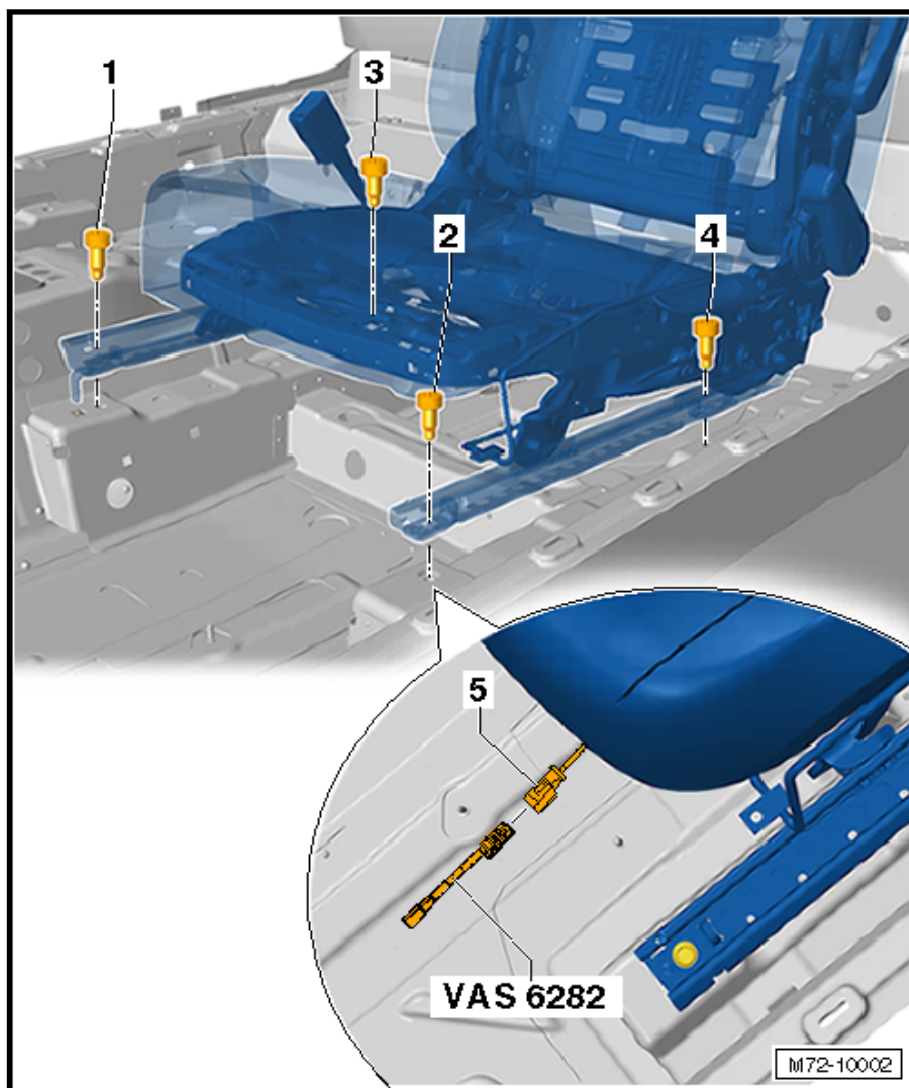
Risk of injury.

- Discharge any static charge in your body by briefly touching the door striker plate.
- Disconnect vehicle battery ➔ Electrical system; Rep. gr. 27; Battery; Disconnecting and reconnecting battery.
- Move front seat to rearmost and highest position using longitudinal adjustment mechanism.
- Disconnect side airbag connector beneath front seat.
- Connect airbag adapter -VAS 6282- to wiring harness of side airbag -5-.



Note

The airbag adapter -VAS 6282- must remain connected to the seat until the seat is installed again.



Pulling off

Pull off in reverse order.

2.6 Removing and installing backrest release mechanism

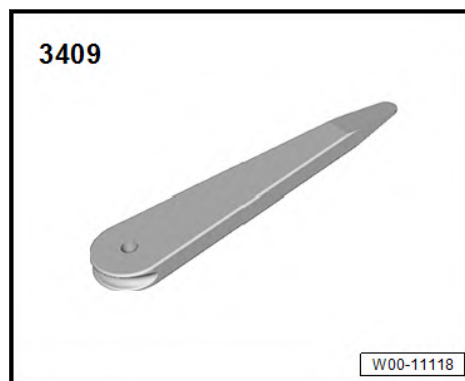
Special tools and workshop equipment required

- ◆ Assembly tool -3399-





◆ Removal wedge -3409-

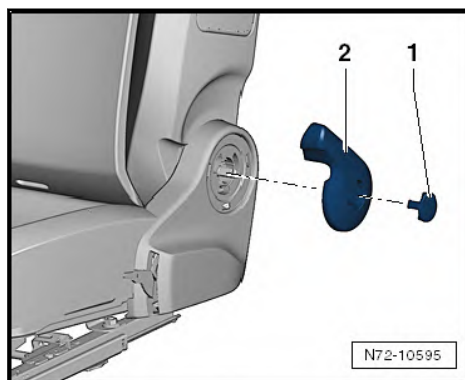


Note

*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.

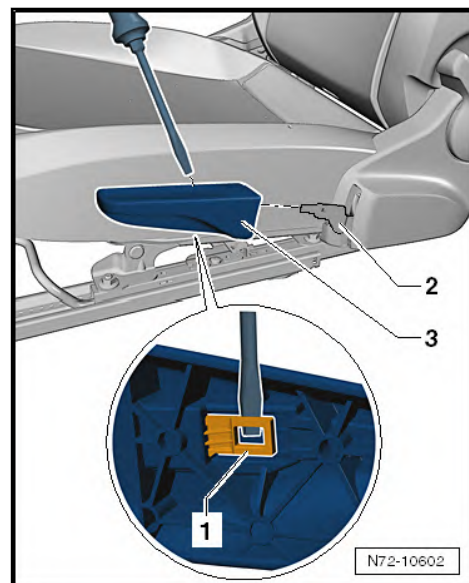
Install in reverse order of removal.



2.7 Removing and installing handle for seat height adjustment

Removing

- Pull actuating lever for seat height adjustment -3- upwards.



- Release catch of handle -1- with 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.

Install in reverse order of removal.

2.8 Removing and handle for installing backrest adjustment

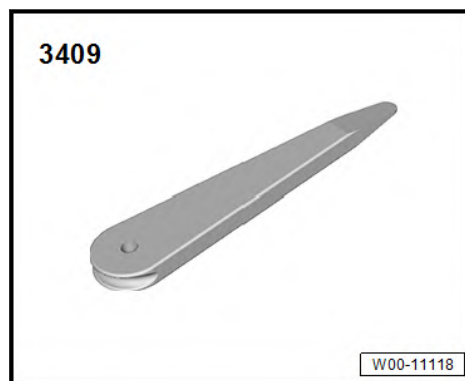
Special tools and workshop equipment required

- ◆ Assembly tool -3399-





◆ Removal wedge -3409-

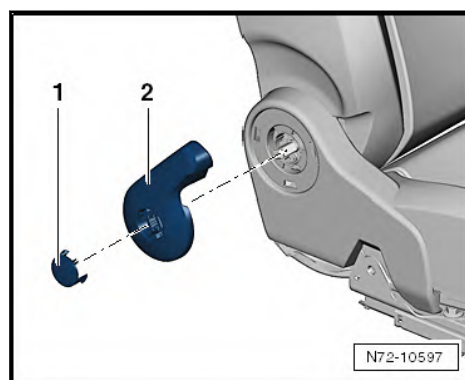


Note

*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 backrest adjustment lever -2- off shaft.



Note

The backrest adjustment lever can also be pulled off with assembly tool -3399-.

Installing



Note

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

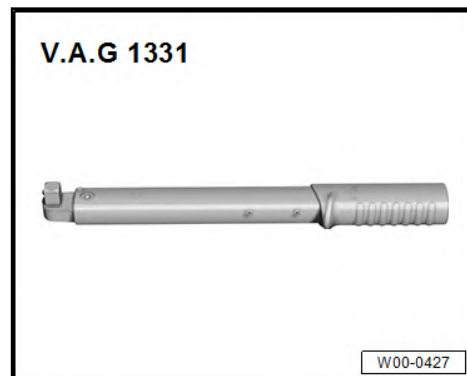
Install in reverse order of removal.



2.9 Removing and installing seat height adjustment unit

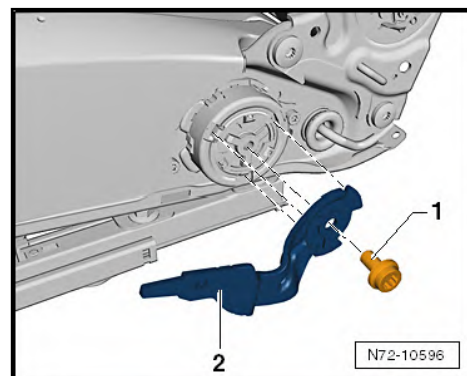
Special tools and workshop equipment required

- ◆ Torque wrench -V.A.G 1331-

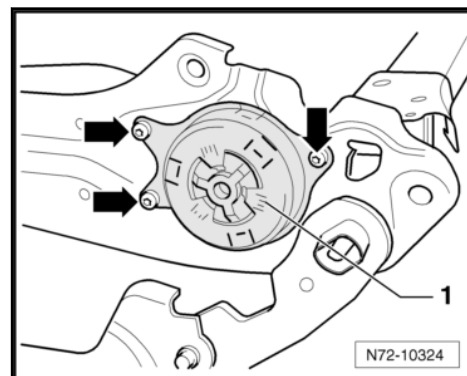


Removing

- Move seat to foremost, highest position and then lower by one stroke.
- Remove front seat trim on sill side ⇒ [page 219](#) .
- Unscrew bolt -1- and remove operating lever -2-.



- Unscrew bolts -arrows-.



- 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.



Torque settings

Component	Torque setting
Bolt securing operating lever	20 Nm
Bolts securing seat height adjustment	10 Nm

2.10 Removing and installing front backrest

⇒ [a2.10.1 nd installing front backrest, front backrest without Easy Entry](#), page 236

⇒ [a2.10.2 nd installing front backrest, front backrest with Easy Entry](#), page 237

2.10.1 Removing and installing front backrest, front backrest without Easy Entry

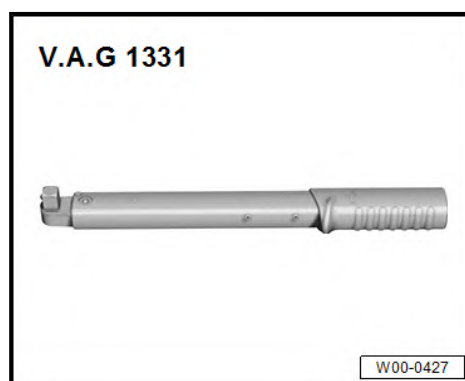


Note

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).

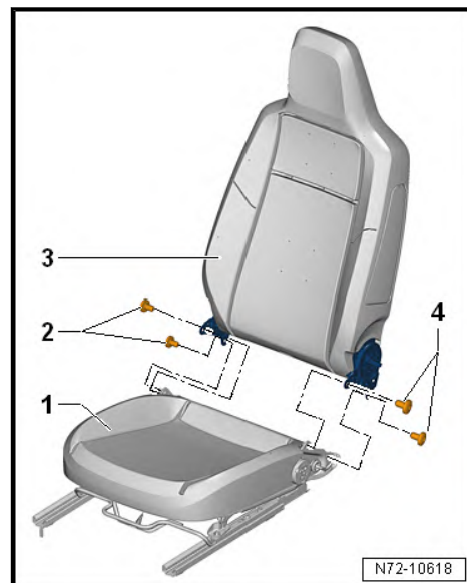
Special tools and workshop equipment required

- ◆ Torque wrench -V.A.G 1331-



Removing

- Remove front seat ⇒ [page 219](#) .
- Remove front seat trims ⇒ [page 219](#) .
- Release and lay to side all wiring harnesses and disconnect all connectors.
- Unscrew bolts -2- and -4-



i 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

Install in reverse order of removal, observing the following:

Torque settings

- ◆ Bolts ⇒ [o2.2 verview - front backrest", page 216](#)

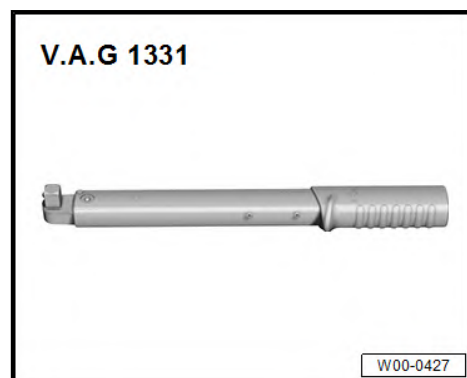
2.10.2 Removing and installing front backrest, front backrest with Easy Entry

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).

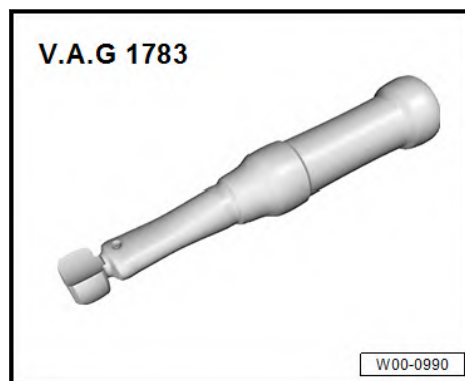
Special tools and workshop equipment required

- ◆ Torque wrench -V.A.G 1331-



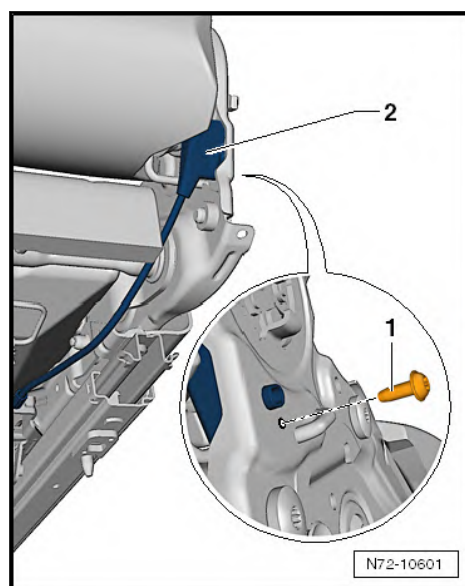


- ◆ Torque wrench -V.A.G 1783-

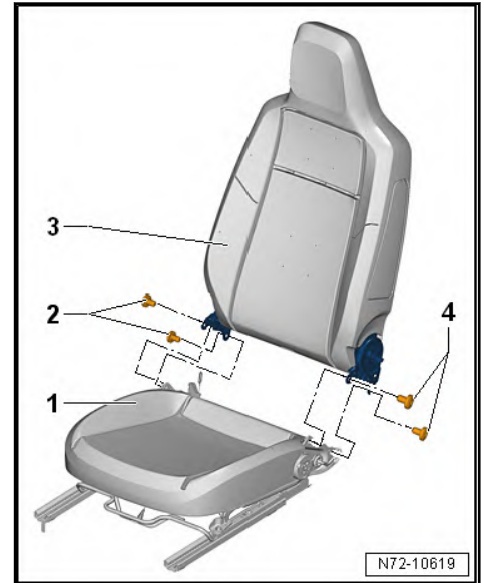


Removing

- Remove front seat ➤ [page 219](#) .
- Remove front seat trims ➤ [page 219](#) .
- Unscrew bolt -1- for Easy Entry.



- 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

Install in reverse order of removal, observing the following:

Torque settings

- ◆ Bolts securing backrest ⇒ [o2.2 verview - front backrest", page 216](#)

Component	Torque setting
Bolt securing Easy Entry	1.5 Nm



3 Rear seats

⇒ [o3.1 verview - bench seat / individual seats", page 240](#)

⇒ [o3.2 verview - rear seat backrest", page 240](#)

⇒ [a3.3 nd installing bench seat / individual seats", page 241](#)

⇒ [a3.4 nd installing trim for locking mechanism", page 242](#)

⇒ [a3.5 nd installing lock cylinder", page 244](#)

⇒ [a3.6 nd installing head restraint", page 245](#)

⇒ [a3.7 nd installing head restraint guide", page 245](#)

⇒ [a3.8 nd installing rear seat backrest", page 246](#)

3.1 Assembly overview - bench seat / individual seats

1 - Bench seat/individual seats

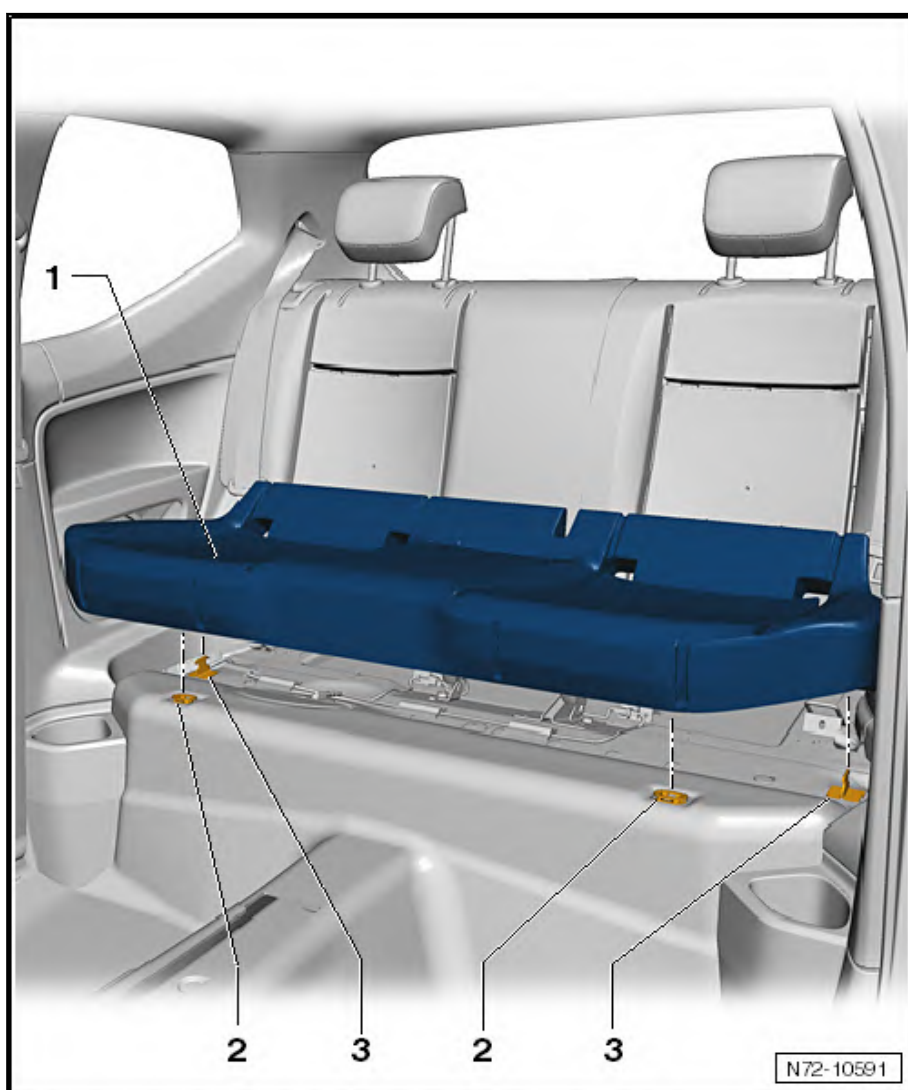
- ☐ With wire frame
- ☐ Wire frame in bench seat/individual seats set in foam
- ☐ Removing and installing ⇒ [page 241](#)

2 - Retainer

- ☐ Qty. 2
- ☐ Renew retainers any time bench seat or individual seats are removed; 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 246](#)

2 - Outer support sleeve

3 - Bolt

- ☐ 8 Nm

4 - Locking mechanism with lock cylinder

- ☐ Removing and installing ➤ [page 244](#)

5 - Trim

- ☐ For locking mechanism with lock cylinder
- ☐ Removing and installing ➤ [page 242](#)

6 - Head restraint

- ☐ Must be locked in head restraint guides
- ☐ Removing and installing ➤ [page 245](#)

7 - Head restraint guide

- ☐ Removing and installing ➤ [page 245](#)

8 - Cover

- ☐ For backrest centre mounting

9 - Clamp

- ☐ For backrest centre mounting
- ☐ Removing and installing ➤ [page 246](#)

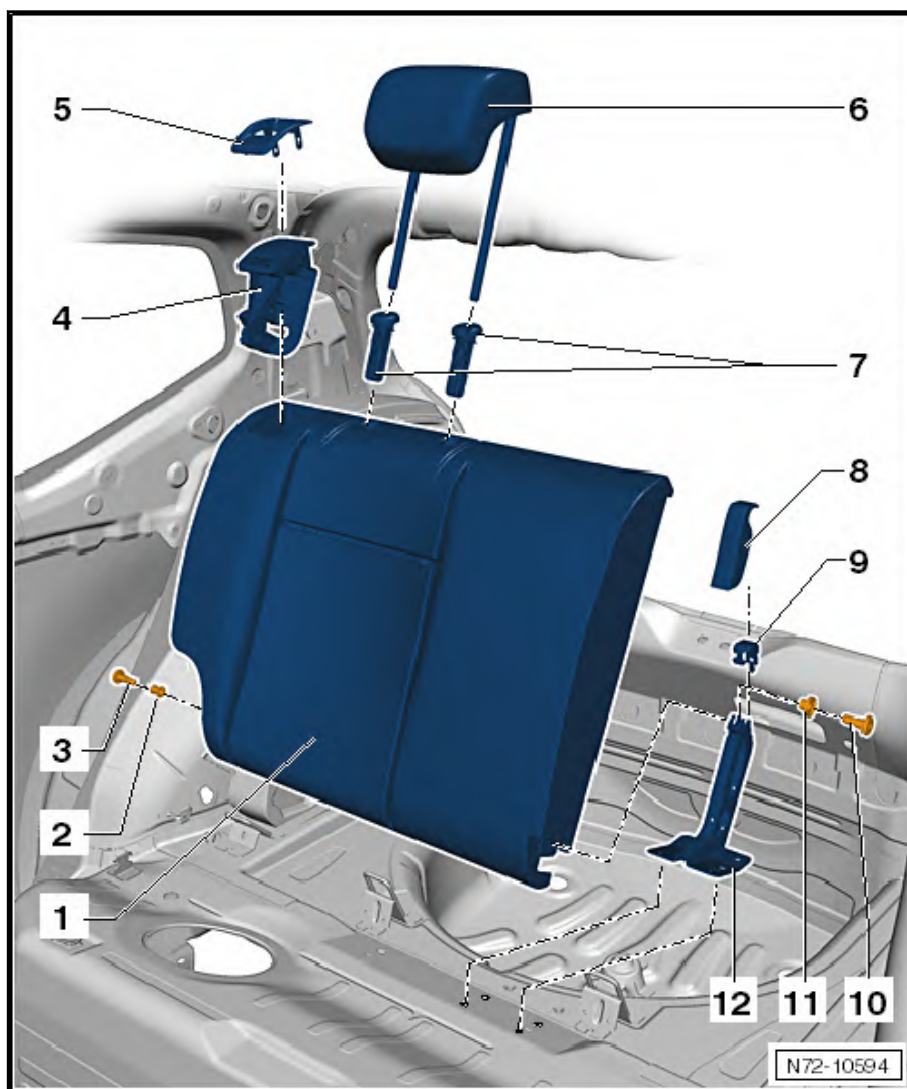
10 - Bolt

- ☐ 8 Nm

11 - Inner support sleeve

- ☐ For rear seat backrest

12 - Backrest centre mount



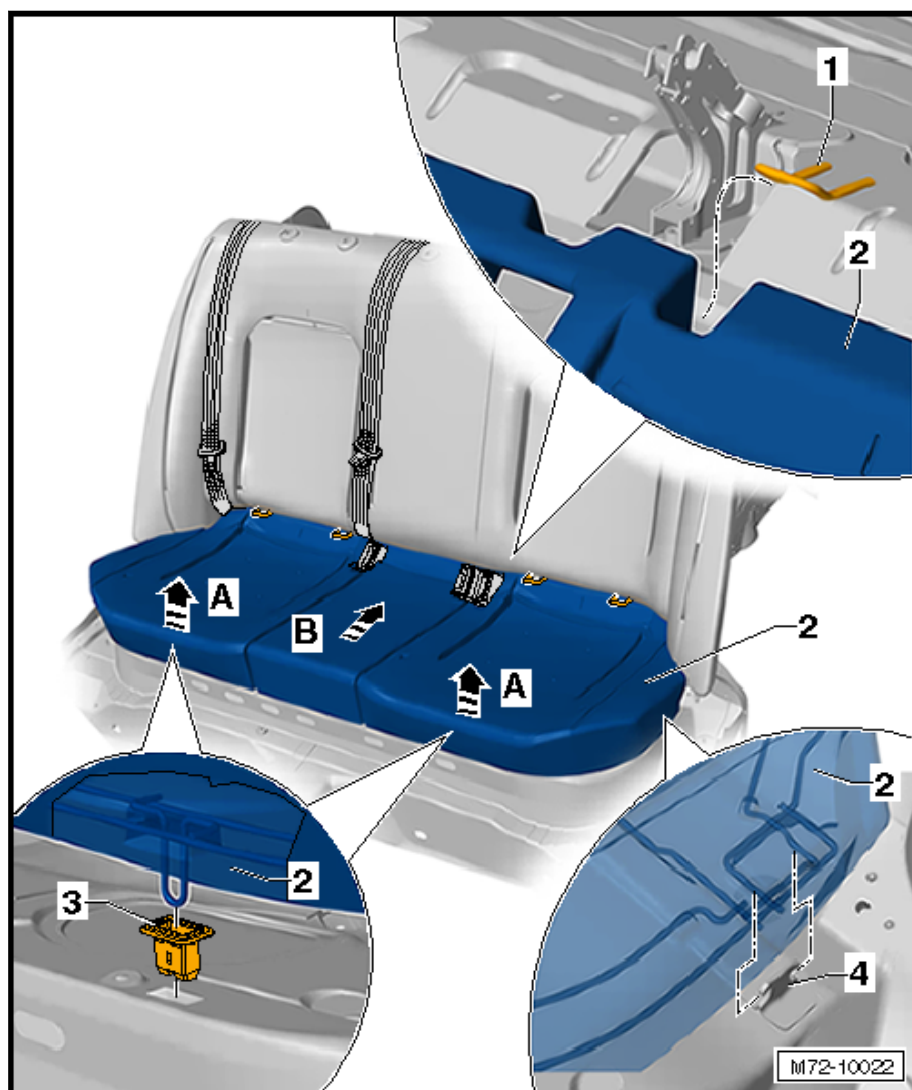
3.3 Removing and installing bench seat / individual seats

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 rear in direction of -arrow B- and when doing this release from locking hook -4- on left and right.



- 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 any time bench seat or individual seats are removed; allocation ⇒ Electronic parts catalogue

Install in reverse order of removal.

3.4 Removing and installing trim for locking mechanism



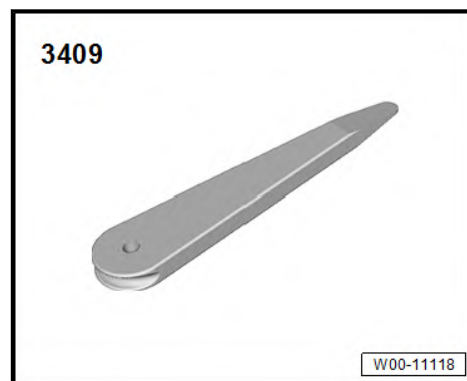
Note

- ♦ 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

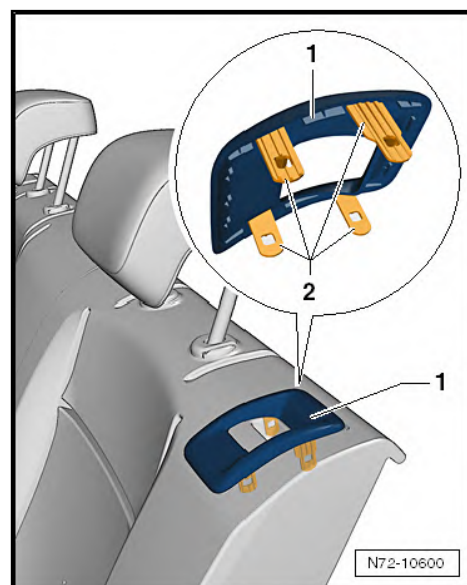


◆ Removal wedge -3409-



Removing

- Open cover and padding of rear seat backrest completely ➤ [page 269](#) .
- Remove head restraint guide ➤ [page 245](#) .
- 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

Install in reverse order of removal.



3.5 Removing and installing lock cylinder

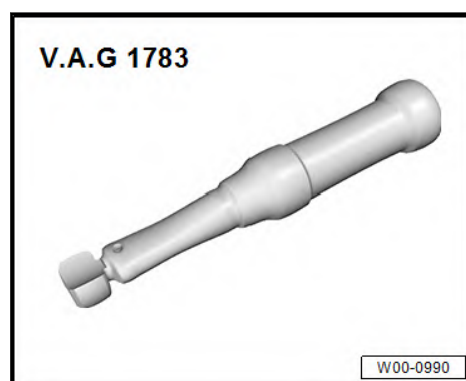


Note

Removal and installation are illustrated for the left side. Removal and installation for the right side are similar (mirror image of left side).

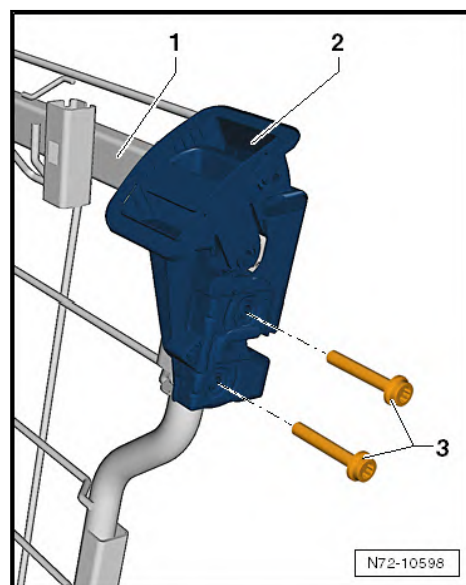
Special tools and workshop equipment required

- ◆ Torque wrench -V.A.G 1783-



Removing

- Remove trim for locking mechanism ➔ [page 242](#) .
- Remove cover and padding in area of locking mechanism from rear seat backrest ➔ [page 269](#) .
- Unscrew bolts -3-.



- Remove locking mechanism with lock cylinder -2- from rear seat backrest frame -1-.

Installing

Install in reverse order of removal, observing the following:

Torque settings

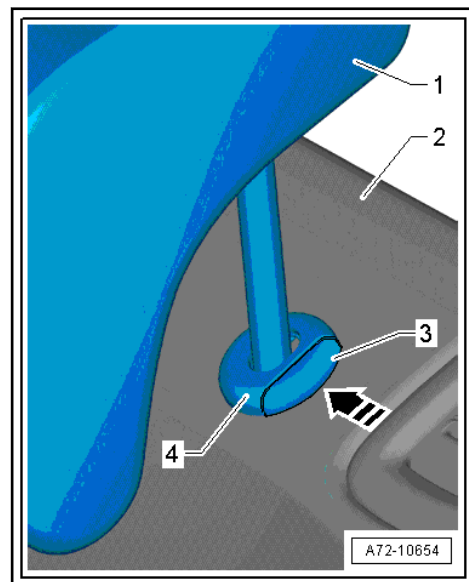
Component	Torque setting
Bolts	4.5 Nm



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-.



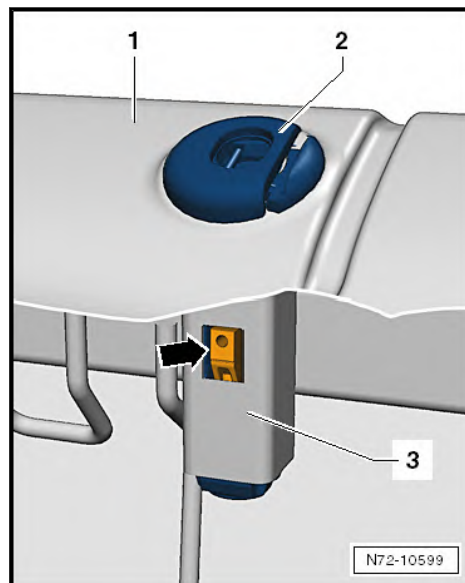
Installing

- 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 246](#) .
- Remove head restraint ➤ [page 245](#) .
- 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 device of head restraint guide inwards -arrow- and when doing this pull head restraint guide out of rear seat backrest frame.

Installing



Note

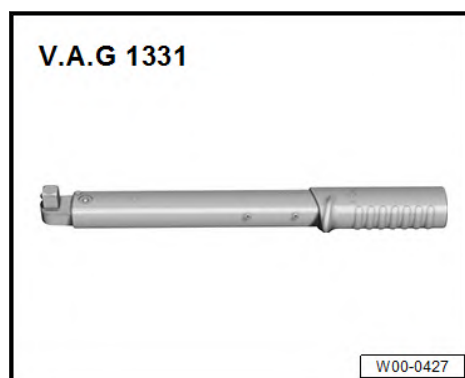
Before installing, check all fasteners for damage and renew if necessary.

Install in reverse order of removal.

3.8 Removing and installing rear seat backrest

Special tools and workshop equipment required

- ♦ Torque wrench -V.A.G 1331-



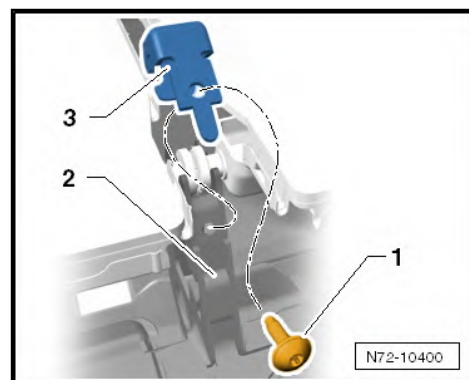
Note

As an example, the procedure is carried on a split backrest.

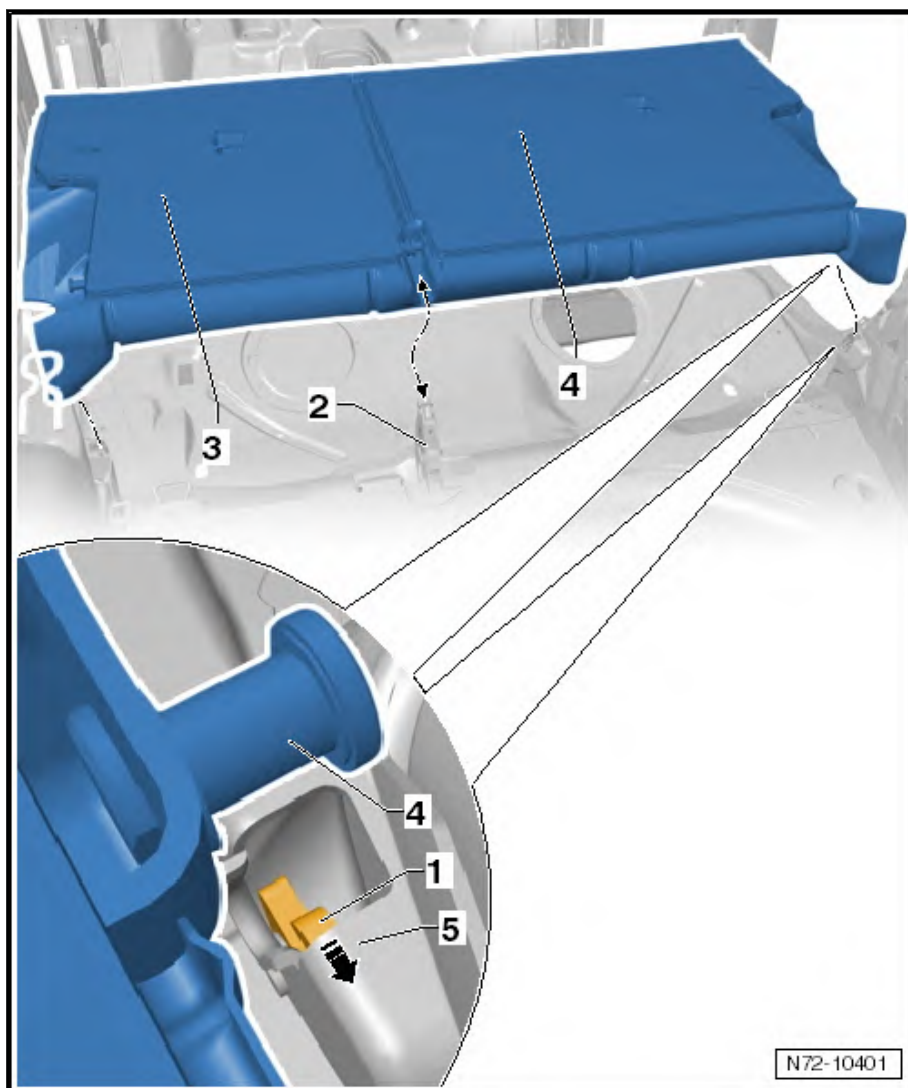


Removing

- Remove upper luggage compartment floor ➔ [page 195](#) .
- Remove bench seat/individual seats ➔ [page 241](#) .
- 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- 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.
- Engage rear seat backrest in lock:
 - Red marking of rear seat backrest locking mechanism must not be visible.
- Check locking mechanism by pulling on rear seat backrest surface.
- Release rear seat backrest and fold it down:
 - Red marking of rear seat backrest locking mechanism must be visible.
- Engage rear seat backrest in lock again.



- Perform functional check.

Torque settings

- ◆ Bolt ➔ [o3.2 verview - rear seat backrest", page 240](#)



74 – Seat - padding, covers

1 Front seat covers and padding

⇒ [o1.1 verview - cover and padding for seat pan", page 250](#)

⇒ [o1.2 verview - cover and padding for backrest", page 251](#)

⇒ [o1.3 verview - seat heating element", page 252](#)

⇒ [a1.4 nd installing cover and padding for seat pan", page 253](#)

⇒ [a1.5 nd installing backrest cover and backrest padding", page 256](#)

⇒ [a1.6 nd installing seat heating element Z6/Z8", page 260](#)

⇒ [a1.7 nd installing backrest heating element Z7/Z9", page 262](#)

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 253](#)

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 253](#)

7 - Profile

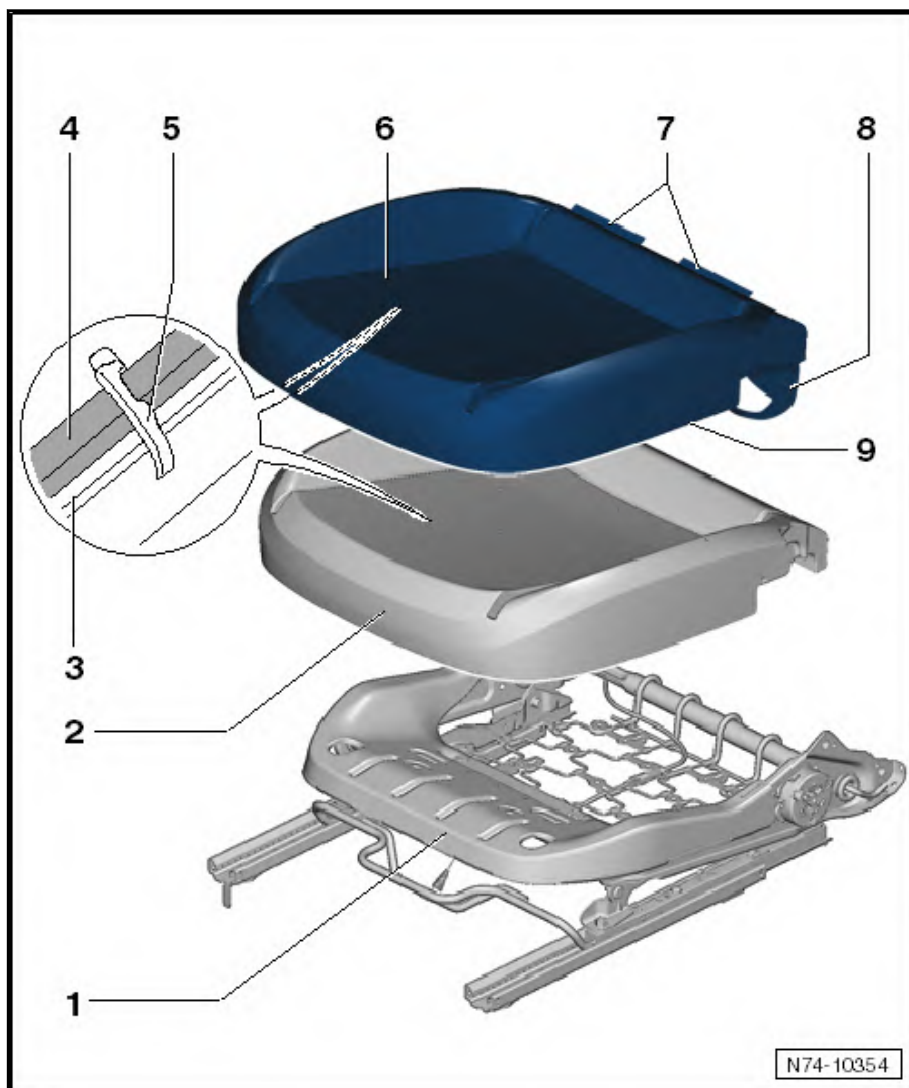
- ☐ Sewn to seat pan cover
- ☐ For attaching seat pan cover on top rack of seat pan

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 - Zip fastener

- ☐ 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 256](#)

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

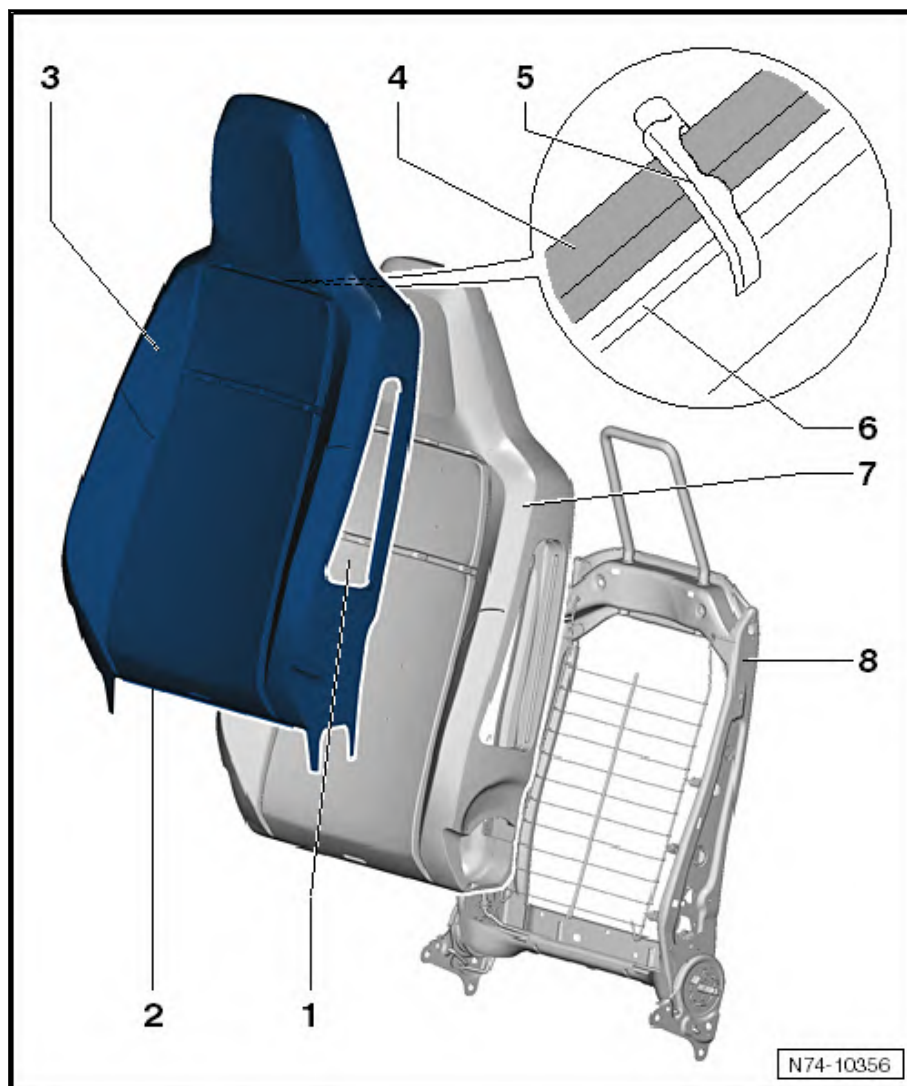
6 - Wire

- ☐ For attaching backrest cover to backrest padding

7 - Padding

- ☐ Allocation ➔ Electronic parts catalogue
- ☐ Removing and installing ➔ [page 256](#)

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 253](#)

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 260](#)

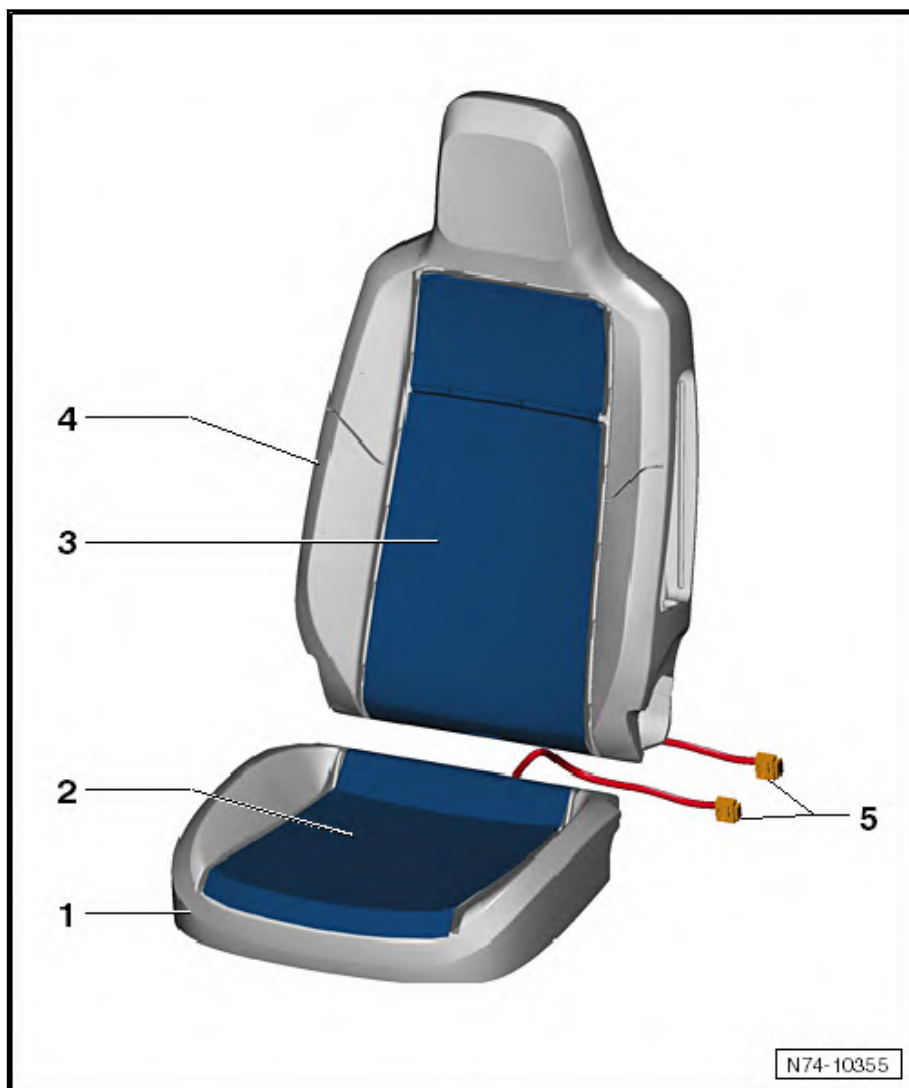
3 - Heating element for heated backrest for driver seat -Z7-

- ☐ Front passenger side: heated backrest for front passenger seat -Z9-
- ☐ Allocation ⇒ Electronic parts catalogue
- ☐ Removing and installing ⇒ [page 262](#)

4 - Padding

- ☐ Allocation ⇒ Electronic parts catalogue
- ☐ Removing and installing ⇒ [page 256](#)

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 1634B-



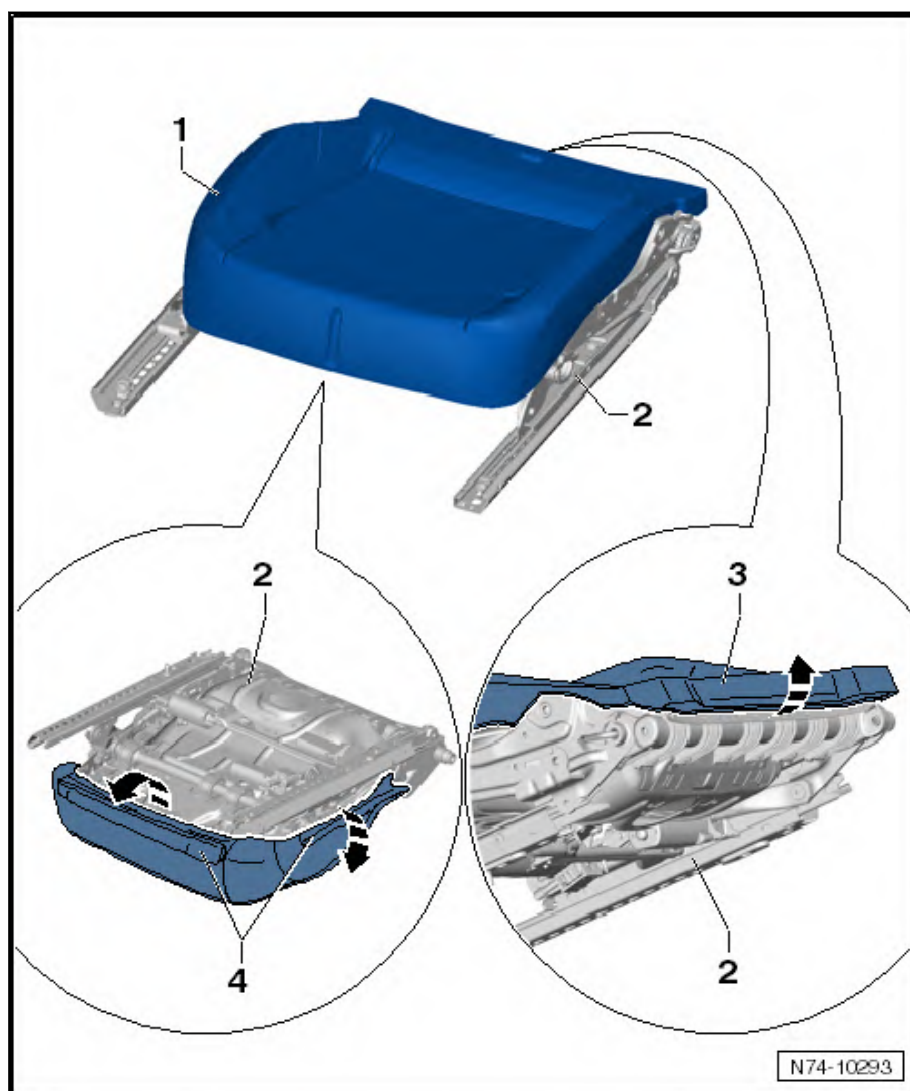


Note

Removal and installation for the front passenger seat are similar (mirror image of driver seat).

Removing

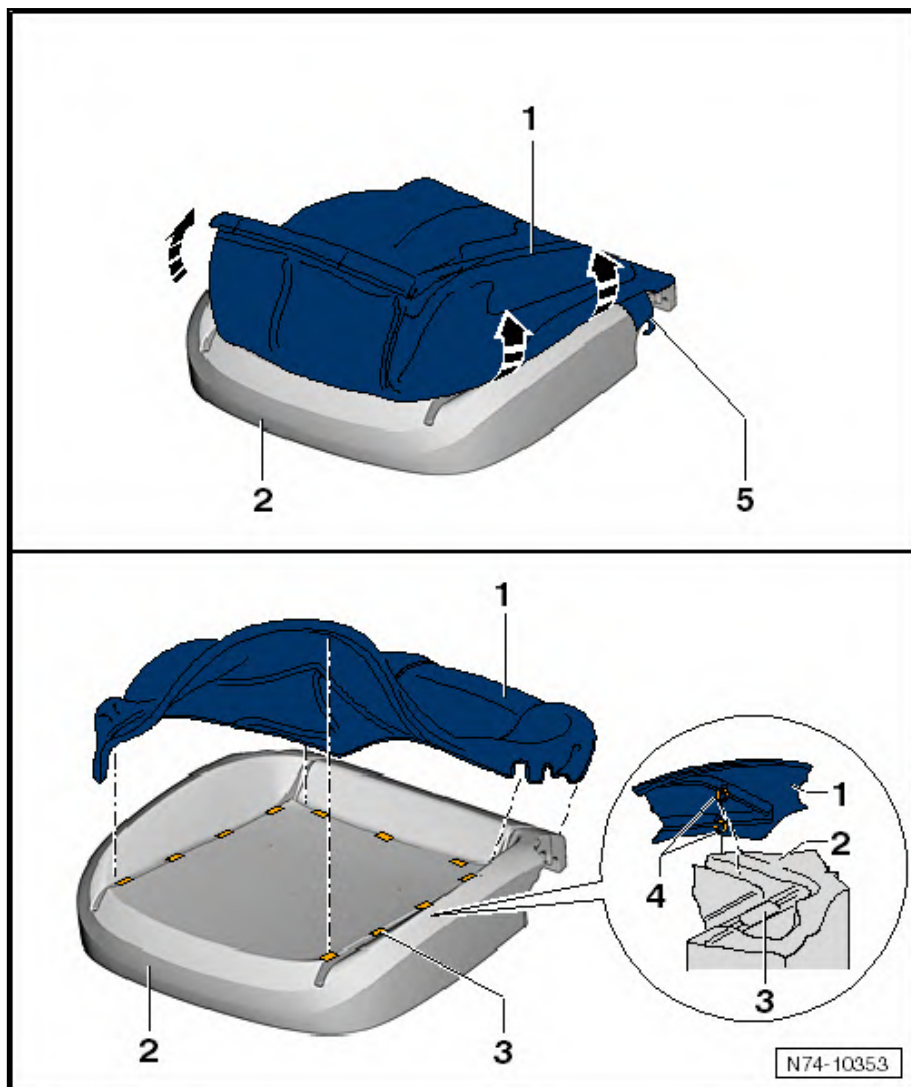
- Remove front seat ➔ [page 219](#) .
- Remove front belt buckle ➔ [page 66](#) .
- Remove front seat trims ➔ [page 219](#) .
- Remove front backrest ➔ [page 236](#) .
- Detach profile -3- from mountings.
- Detach profile -4- from mountings on all sides of the seat pan -2-.
- Remove cover and padding -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 upholstery clips -4- of cover -1- from mountings in padding -3-.
- Remove cover -1-.



Installing

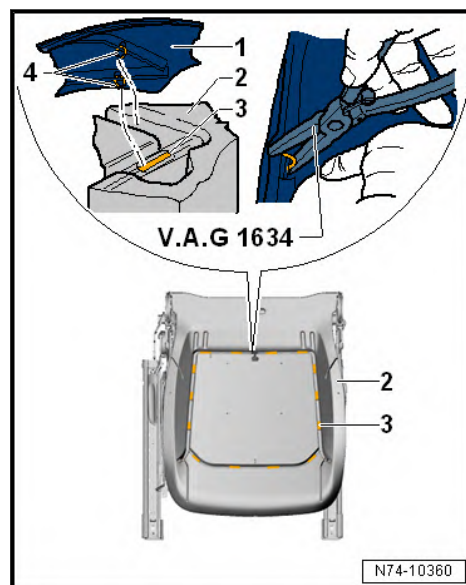


Note

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

Install in the reverse order of removal observing the following:

- Fasten cover -1- all around padding -2- with new upholstery clips -4- at indicated positions -3- using upholstery clip pliers -V.A.G 1634B-.



1.5 Removing and installing backrest cover and backrest padding

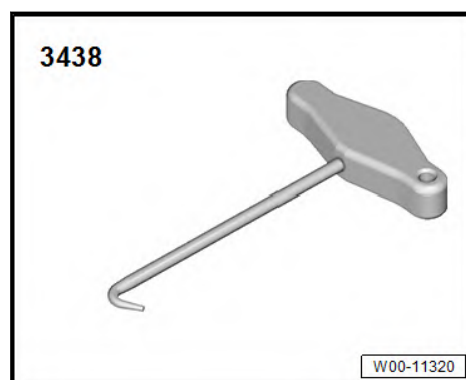
Special tools and workshop equipment required

- ◆ Upholstery clip pliers -V.A.G 1634B-



- ◆ Awl -V.A.G 1636A-

- ◆ Hook -3438-



Zip closer -1S0.881.451-

Allocation ➔ Electronic parts catalogue

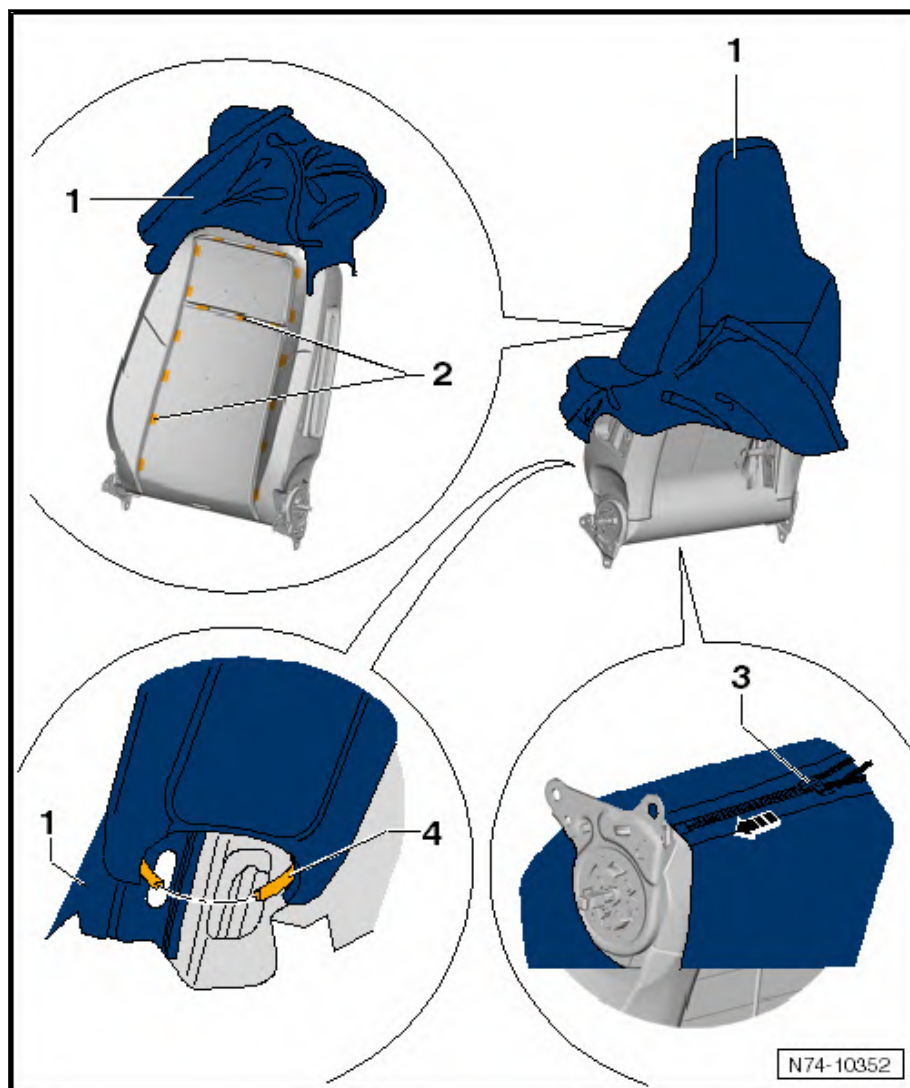


Note

Removal and installation for the front passenger seat are similar (mirror image of driver seat).

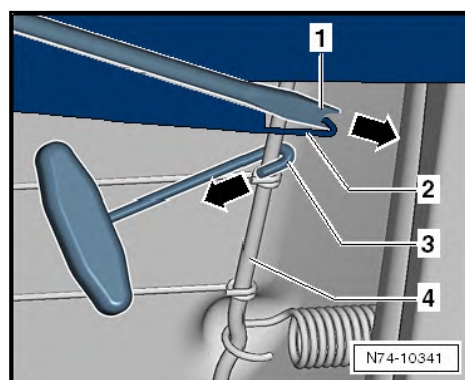
Removing

- Remove front seat ➔ [page 219](#) .
- Remove front belt buckle ➔ [page 66](#) .
- Remove front seat trims ➔ [page 219](#) .
- Remove front backrest ➔ [page 236](#) .
- Open zip fastener -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.



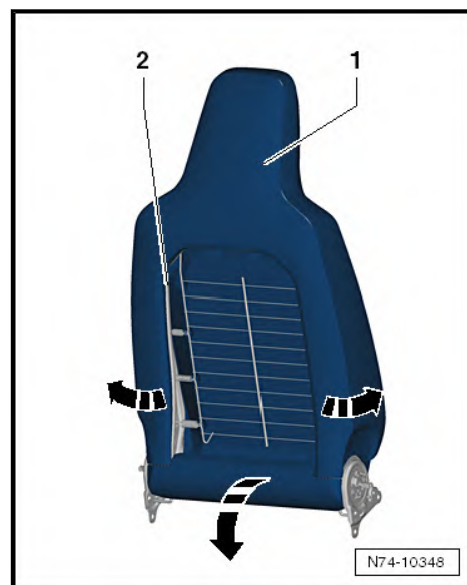
Cover with knee recess

- Detach quilting wire -2- on right and left on wire frame -4- using awl -V.A.G 1636A- -1- and hook -3438- -3-.

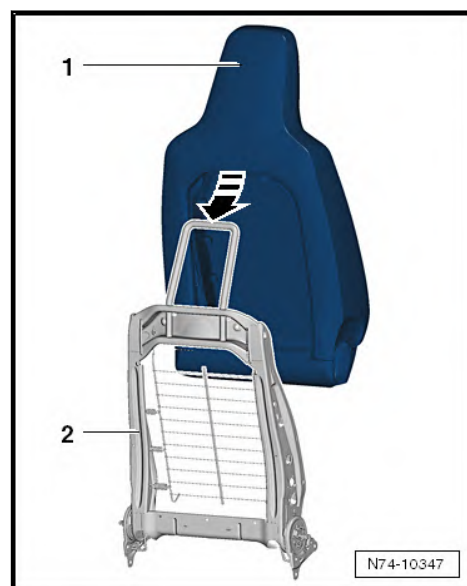


Continued for all

- 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

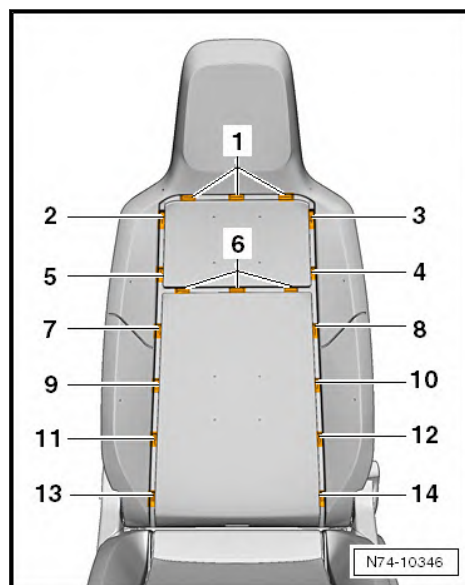
Before installing, check all fasteners for damage and renew if necessary.



Note

Close zip fastener of backrest cover using zip closer -1S0.881.451-.

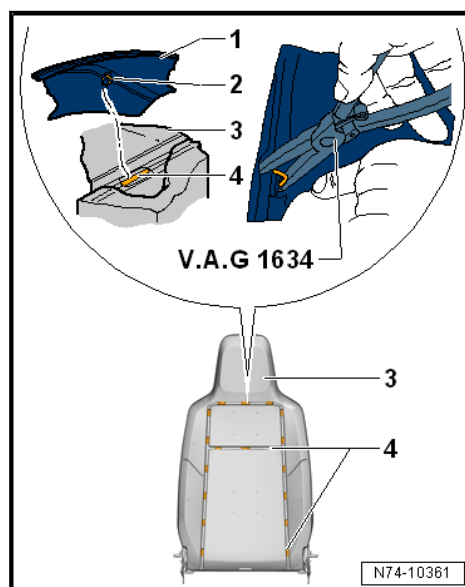
Install in the reverse order of removal observing the following:



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 upholstery clips -2- at indicated positions -4- using upholstery clip pliers -V.A.G 1634B-.

1.6 Removing and installing seat heating element -Z6-/-Z8-



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

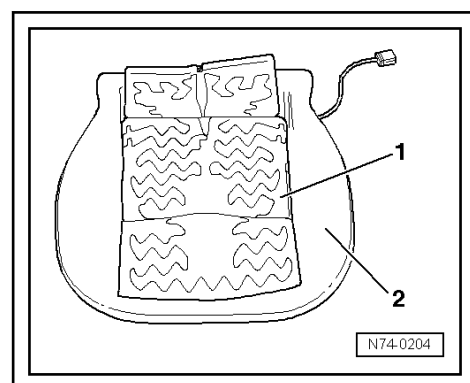
- Remove seat cover and padding from seat pan ➔ [page 253](#) .



Note

The padding and the seat heating element are bonded together.

- Pull seat heater element -Z6- / -Z8- -item 1- off padding -2-.



- Guide wire through opening in padding.

Installing

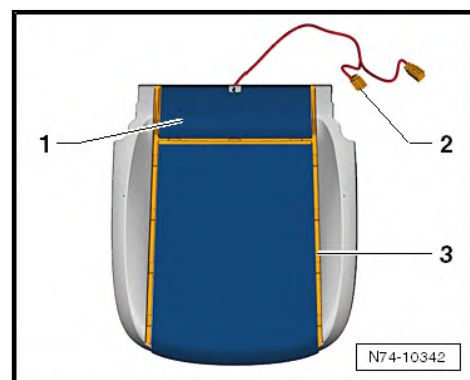


Note

- ◆ *Ensure that seat heating element is bonded without creases.*
- ◆ *The adhesive strip can only be used once.*

Install in reverse order of removal, observing the following:

- Guide wire -2- through opening in padding.



- Align seat heating element -Z6-/Z8- -item 1- with seams -3-.
- Peel off backing and bond in seat heating element -Z6-/Z8- -item 1- starting at rear.



1.7 Removing and installing backrest heating element -Z7-/Z9-



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

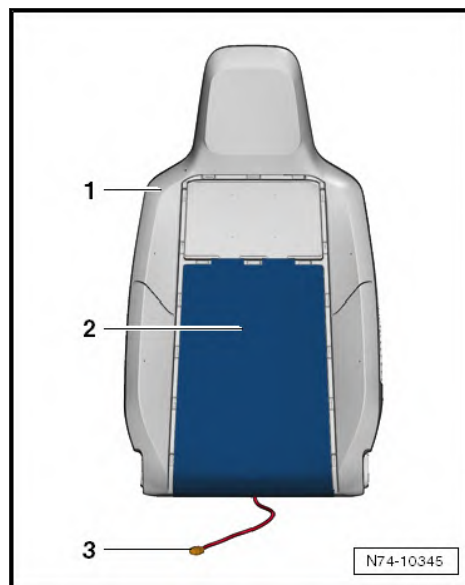
- Remove backrest cover and cushion ⇒ [page 256](#) .



Note

The padding and the backrest heating element are bonded together.

- Pull backrest heating element -Z7-/Z9- -item 2- off padding -1-.



- Guide wire -3- through opening in padding.

Installing

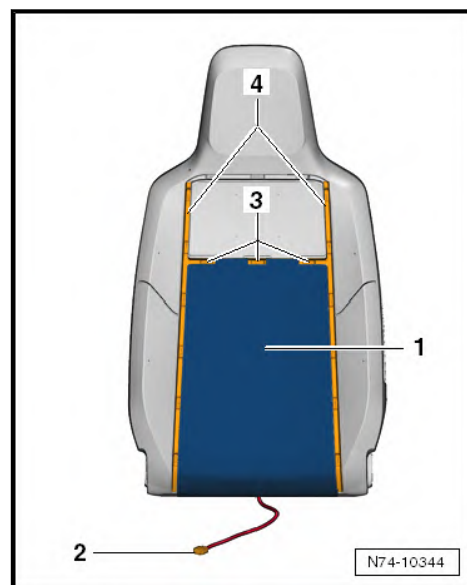


Note

- ♦ *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 -Z7- / -Z9- -item 1- with seams -3- and -4-.
- Peel off backing and bond in backrest heating element -Z7-/-Z9- -item 1- starting at top.

2 Rear seat covers and padding

⇒ [o2.1 verview - cover and padding", page 264](#)

⇒ [a2.2 nd installing covers and padding", page 265](#)

2.1 Assembly overview - cover and padding

⇒ [o2.1.1 verview - cover and padding for bench seat", page 264](#)

⇒ [o2.1.2 verview - backrest cover and padding", page 264](#)

2.1.1 Assembly overview - cover and padding for bench seat

1 - Padding

- ☐ Allocation ⇒ Electronic parts catalogue
- ☐ Removing and installing ⇒ [page 265](#)

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

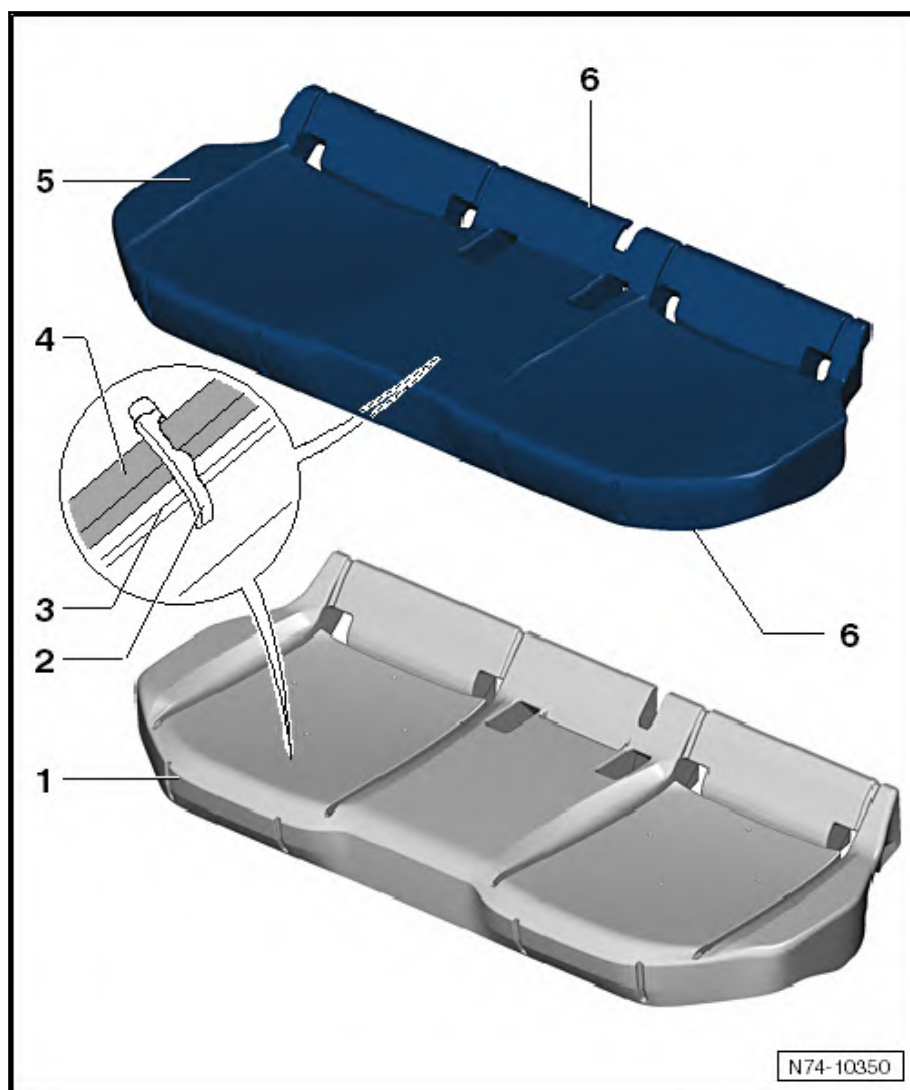
- ☐ Sewn to bench seat cover
- ☐ For attaching bench seat cover to bench seat cushion

5 - Seat cover

- ☐ Allocation ⇒ Electronic parts catalogue
- ☐ After installation, check that there are no creases in seat
- ☐ Removing and installing ⇒ [page 265](#)

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 269](#)

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

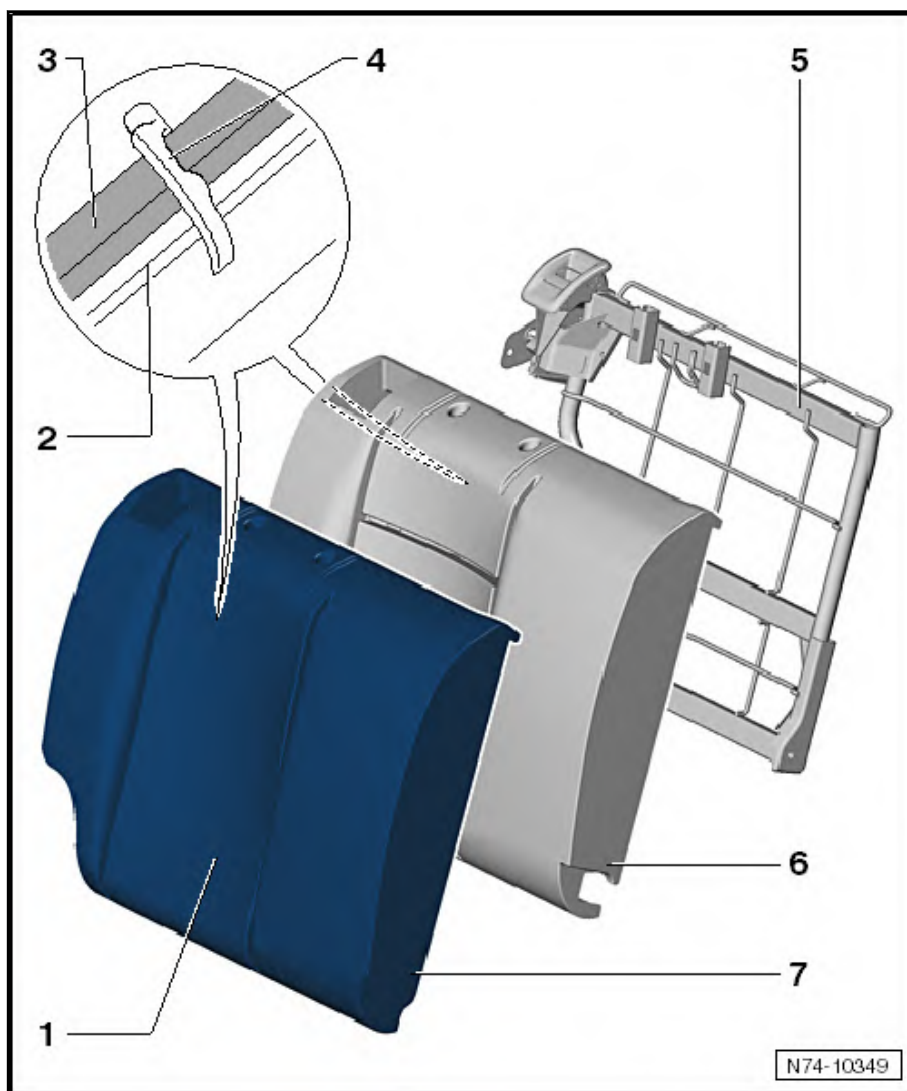
5 - Backrest frame

6 - Padding

- ☐ Allocation ⇒ Electronic parts catalogue
- ☐ Removing and installing ⇒ [page 269](#)

7 - Zip fastener

- ☐ Sewn to backrest cover
- ☐ Zip closer
-1S0.881.451-



2.2 Removing and installing covers and padding

⇒ [a2.2.1 nd installing bench seat cover and padding", page 265](#)

⇒ [a2.2.2 nd installing backrest cover and padding", page 269](#)

2.2.1 Removing and installing bench seat cover and padding

Special tools and workshop equipment required

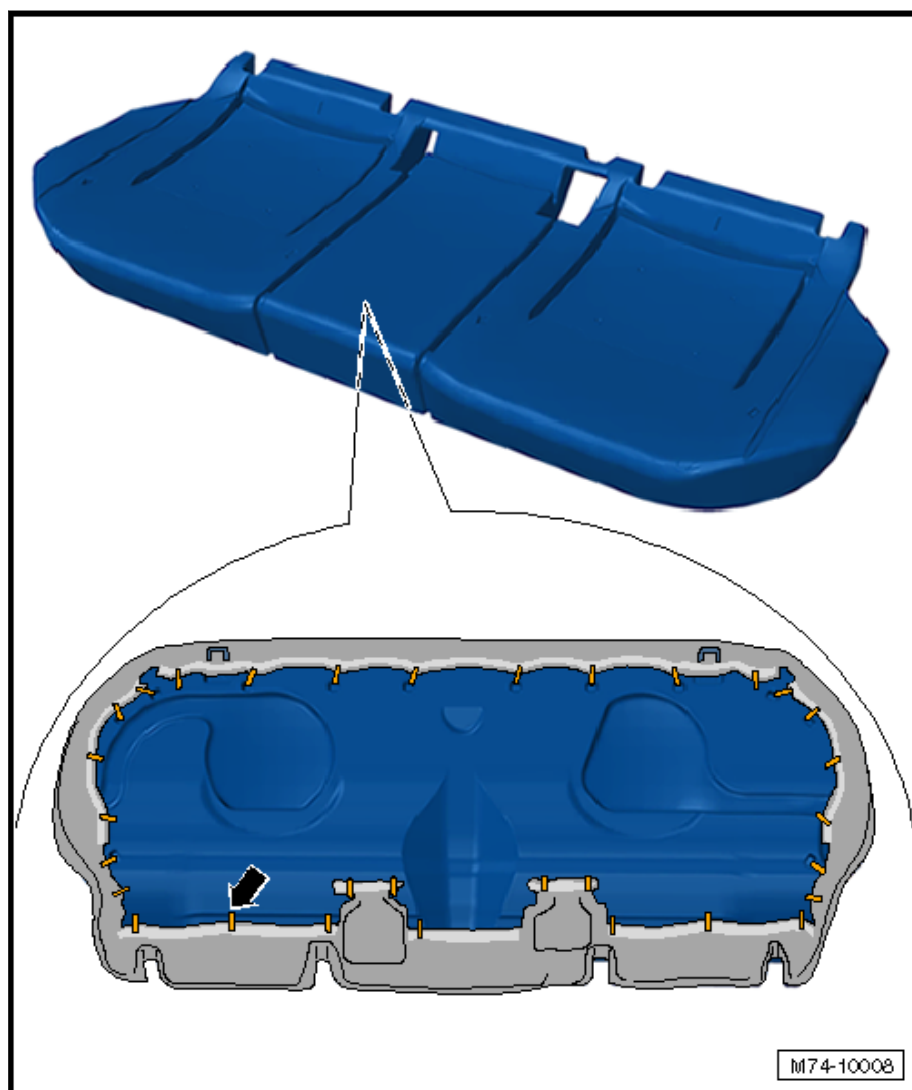


- ◆ Upholstery clip pliers -V.A.G 1634B-



Removing

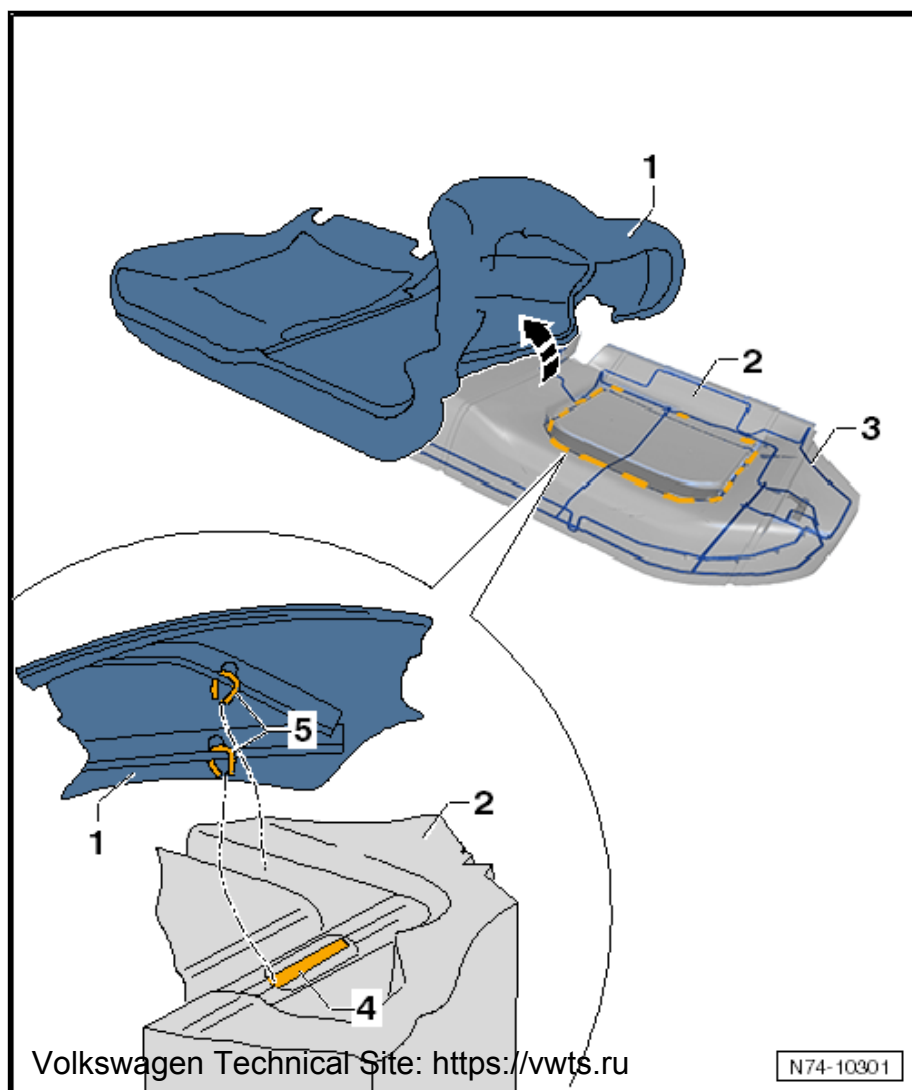
- Remove bench seat/individual seats ➔ [page 241](#) .
- Detach all padding clips -arrow- all-round underside.
- Remove padding clips -arrow- on underside.
- Roll cover upwards.



- 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

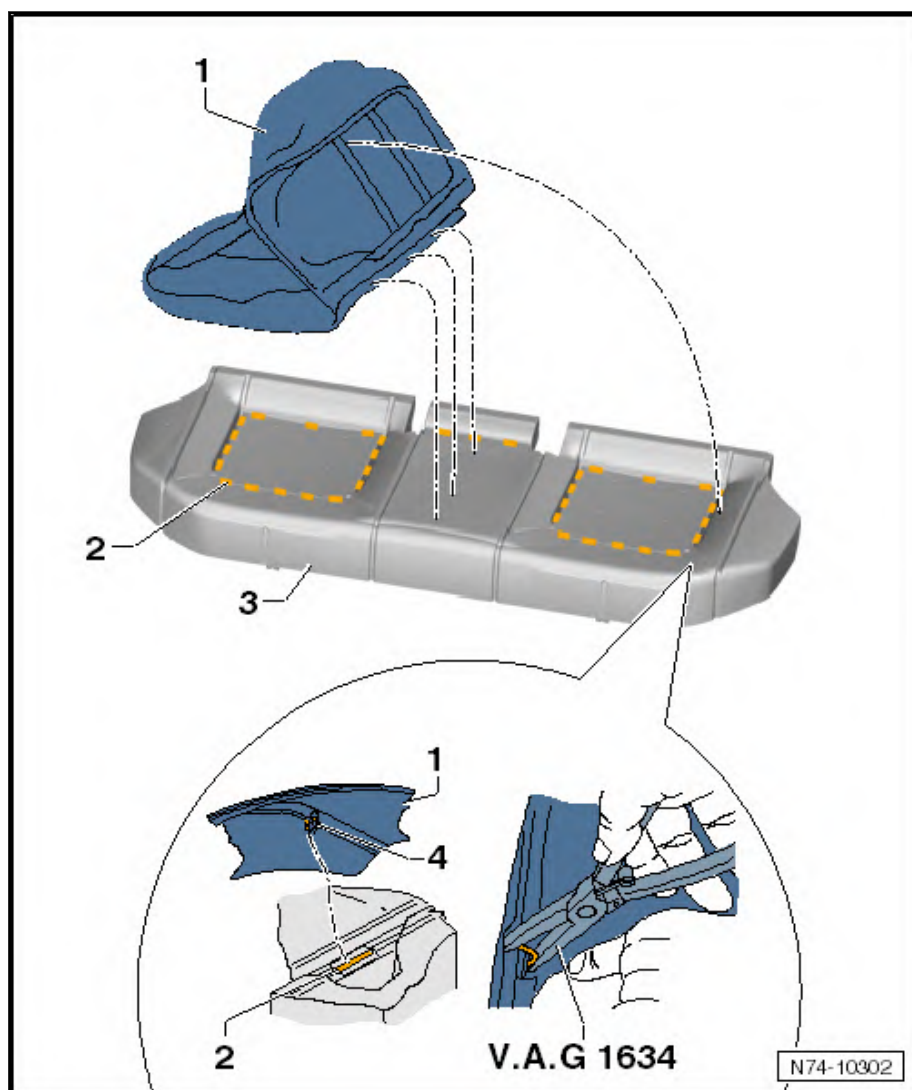


Note

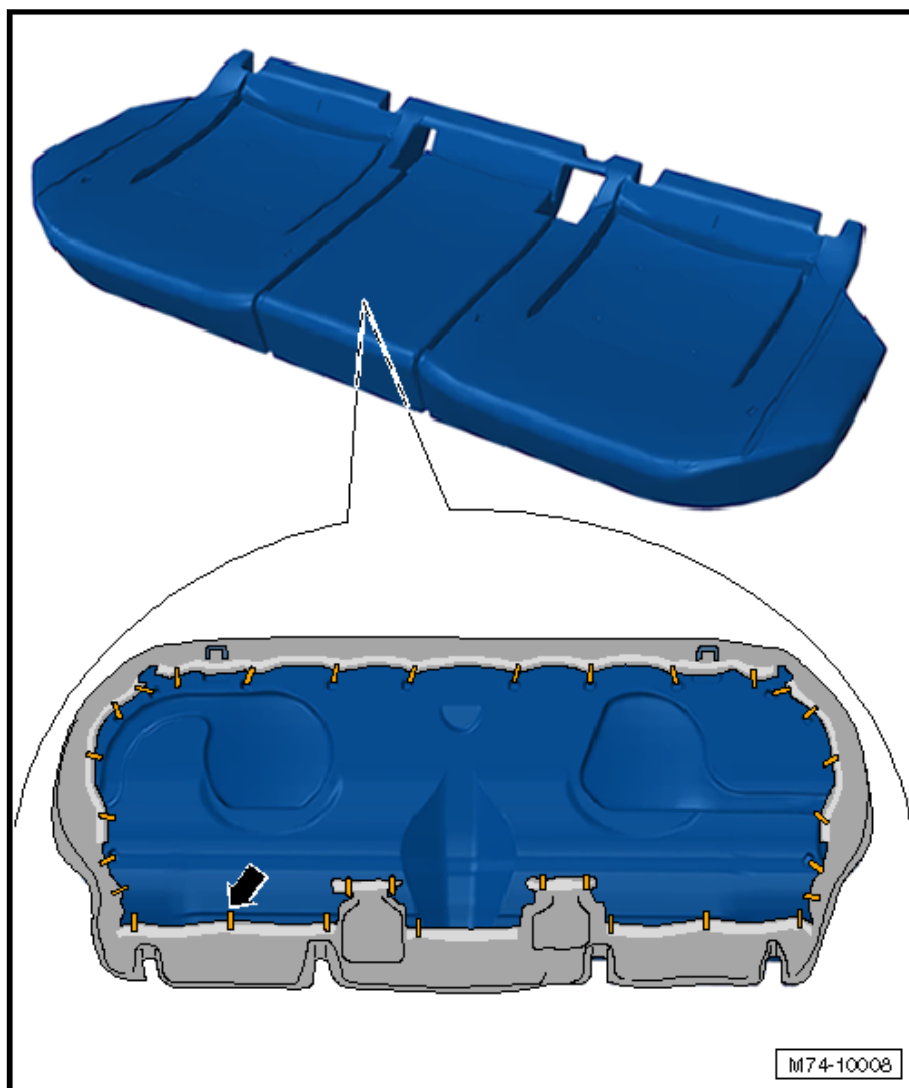
Before installing, check all fasteners for damage and renew if necessary.

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 1634B-.
- 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 1634B-.



2.2.2 Removing and installing backrest cover and padding

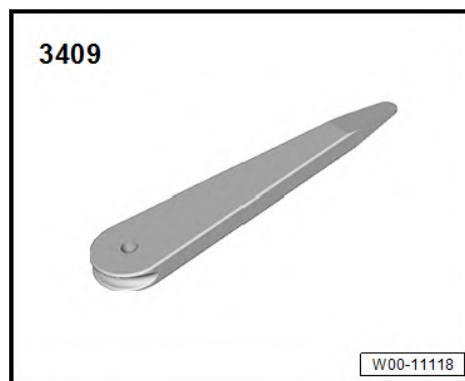
Special tools and workshop equipment required

- ◆ Upholstery clip pliers -V.A.G 1634B-





◆ Removal wedge -3409-



Zip closer -1S0.881.451-

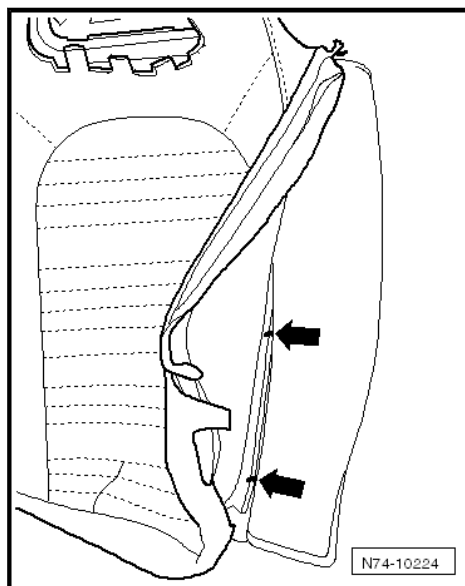


Note

*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 246](#) .
- Remove head restraint ⇒ [page 245](#) .
- Open zip fastener all-round rear of backrest.
- Carefully ease cover over lashing eyes using removing wedge -3409-.
- Fold over cover at the sides.
- Remove trim for locking mechanism ⇒ [page 242](#) .
- 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

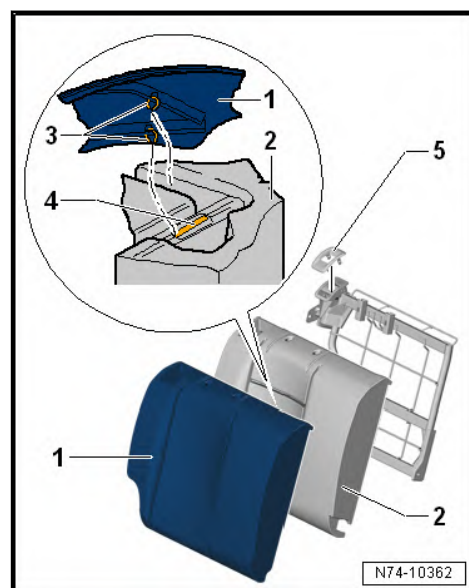
Before installing, check all fasteners for damage and renew if necessary.

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 zip fastener 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.