

Motormanagement - J361

A = Motormanagement - J361

plug connection :

B = plug connection, 81-fold,
at cables T121

C = plug connection, 40-fold,
at cables T121

take off the plug connection B from
control unit, disassemble plug and
plug-in pins as follows

- PIN 14 - black/green cable
- PIN 44 - red/yellow cable
- PIN 45 - blue cable
- PIN 46 - white cable

Motormangement - J361

A = Motormangement · J361

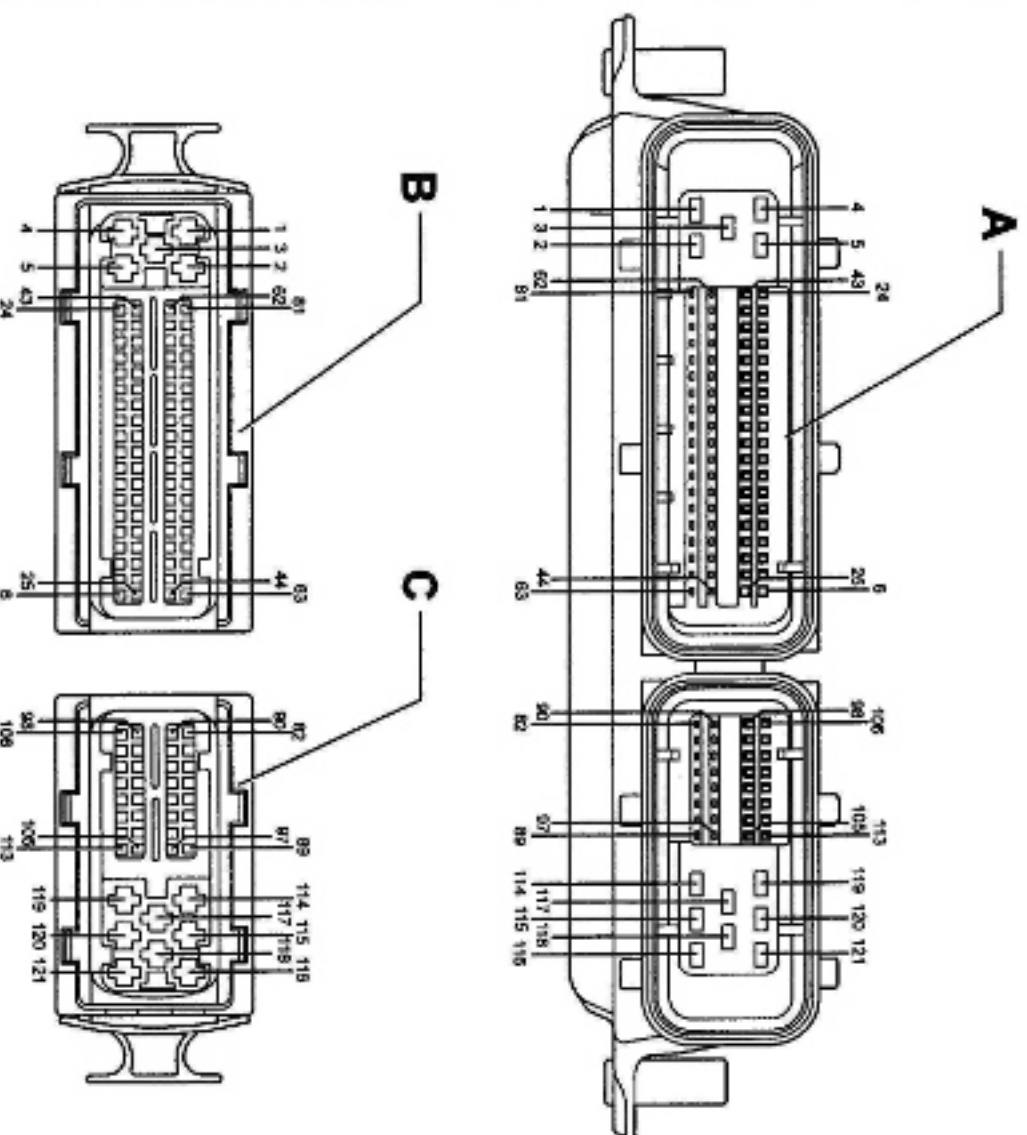
plug connection :

B = plug connection, 81-fold,
at cables T121

C = plug connection, 40-fold,
at cables T121

take off the plug connection B from
control unit, disassemble plug and
plug-in pins as follows

PIN 38 - black/green cable
PIN 57 - red/yellow cable
PIN 75 - blue cable
PIN 76 - white cable



Motormangement - J361

A = Motormangement · J361

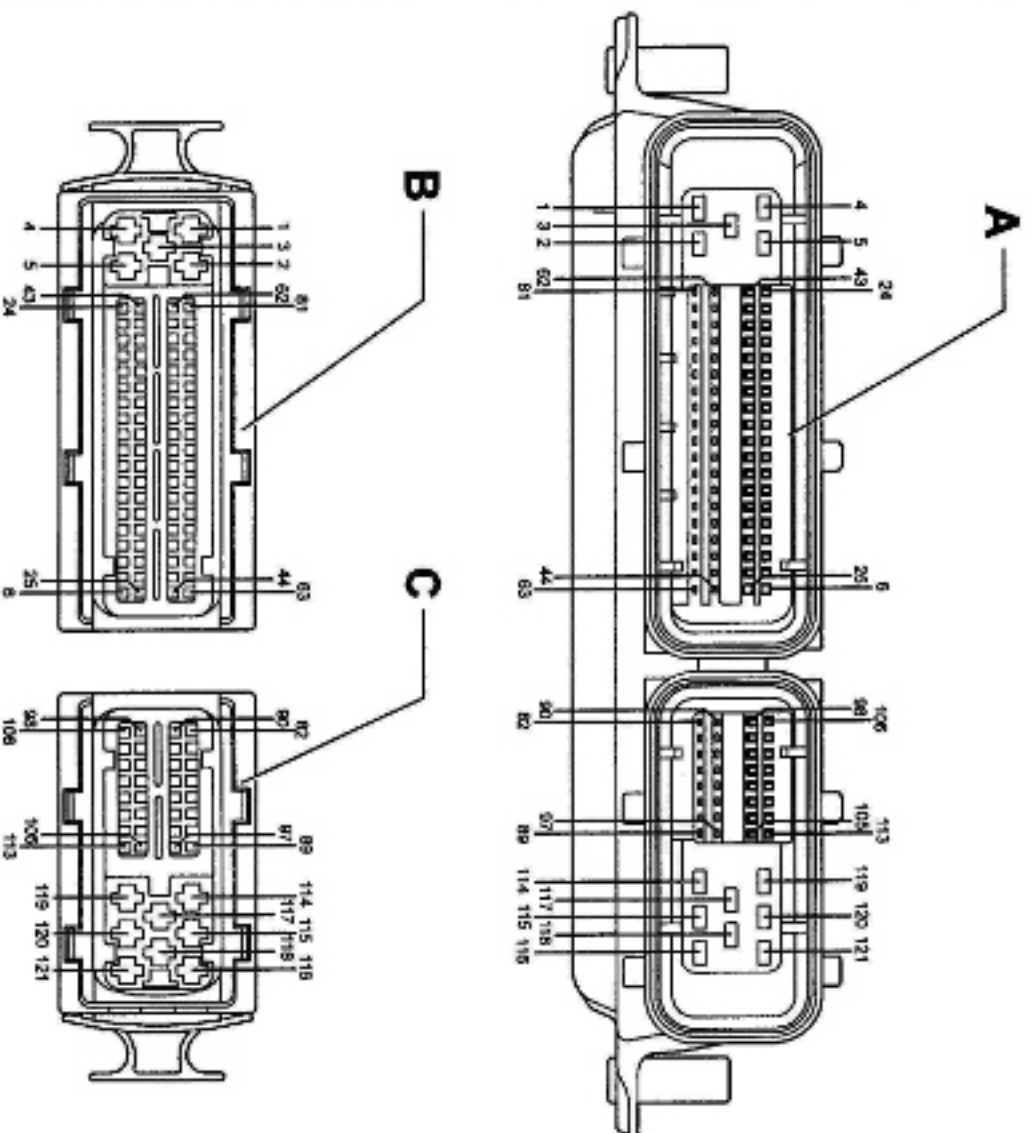
plug connection :

B = plug connection, 81-fold,
at cables T121

C = plug connection, 40-fold,
at cables T121

take off the plug connection B from
control unit, disassemble plug and
plug-in pins as follows

PIN 55 - black/green cable
PIN 51 - red/yellow cable
PIN 49 - blue cable
PIN 52 - white cable



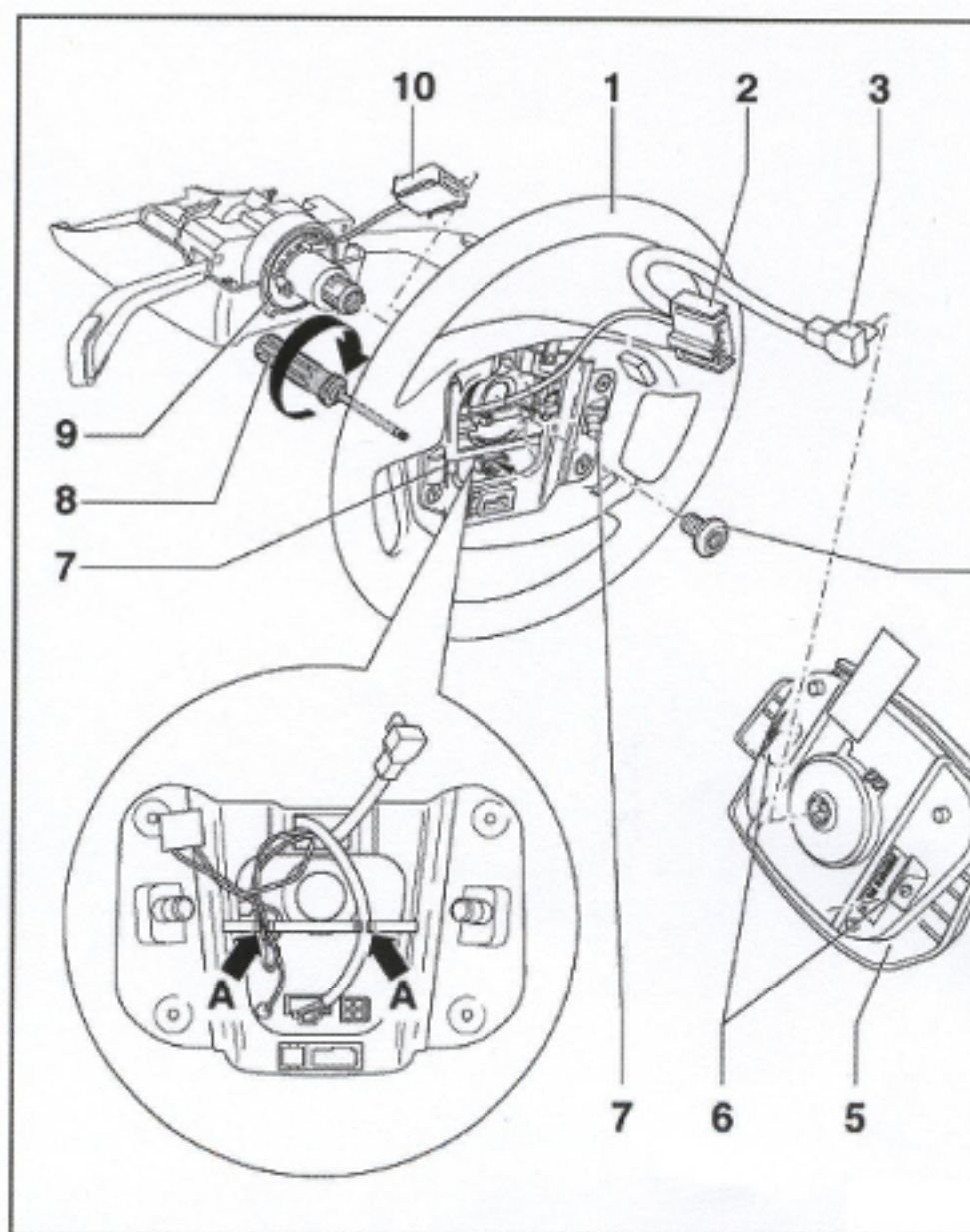
Removing and installing steering wheel

♦ Removing

- Remove airbag unit
- Centre the steering wheel (wheels in straight-ahead position).
- Remove bolt -4-.
- Detach connectors -2- and -10-.

♦ Installing

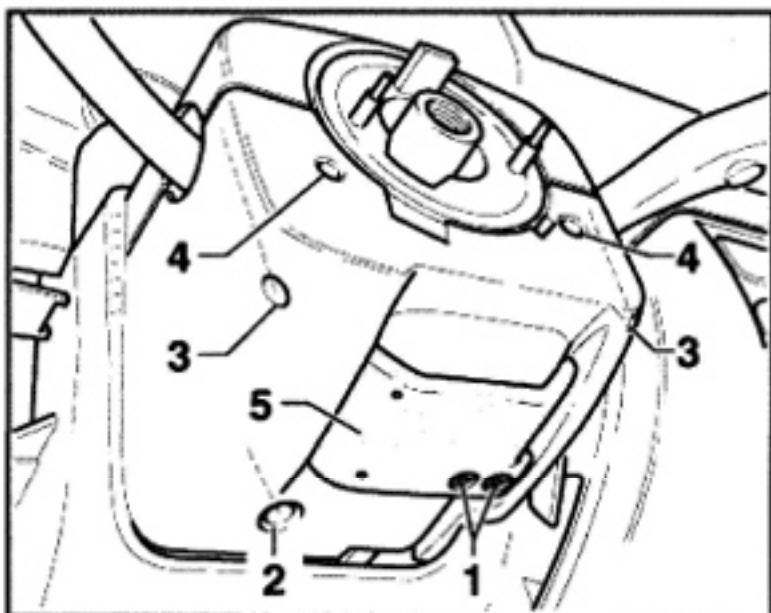
- Attach steering wheel in centre position (wheels straight ahead).
- Ensure that the connectors and the airbag engage fully (i.e. audibly).



- Replace the bolt -4-.

♦ Tightening torque

- Pull out steering wheel with adjuster as far as it will go and tilt it downwards.
- → Screw out bolts -1- and detach handle for steering column adjustment -5-.
- Screw out bolts -2...4-.
- Detach upper and lower steering column trim sections.



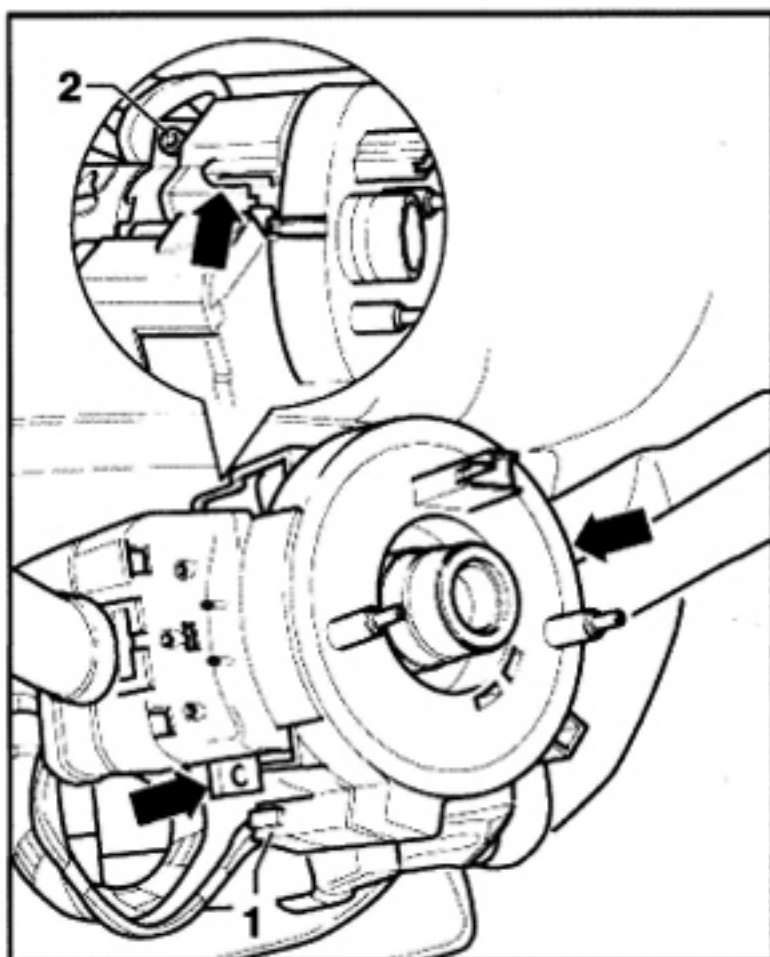
Vehicles without ESP:

- → Unplug connector -1-.
- Use adhesive tape to secure coil connector with slip ring in installation position.
- Release fasteners -arrows- and detach coil connector with slip ring from steering column switch.

Attention:

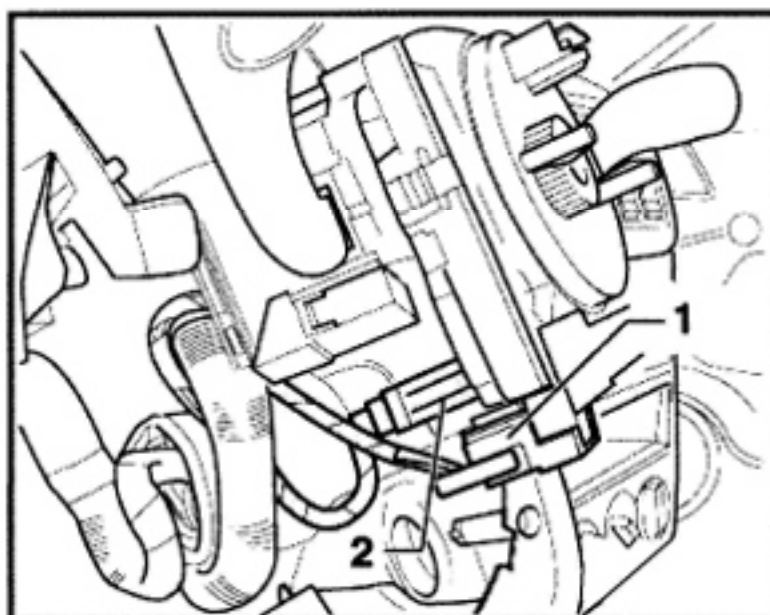
Coil connector with slip ring must not be turned out of centre position (secure in installation position using adhesive tape).

- Slacken off bolt -2- of clamp until steering column switch can be detached.
- Unplug connectors for steering column switch.



Vehicles with ESP:

- → Unplug connectors -1- and -2-.

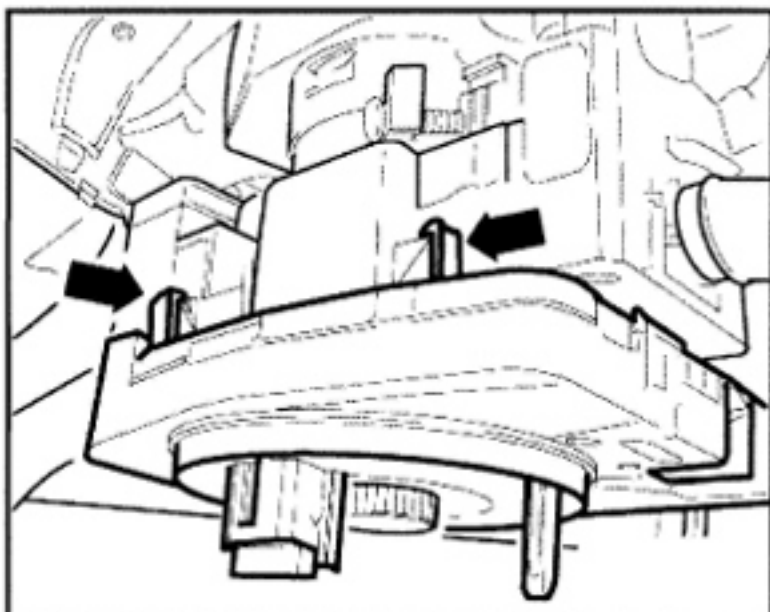


- → Carefully release upper fasteners -arrows-.
- Carefully release lower fasteners and detach housing of coil connector with slip ring and steering

angle sender from steering column switch.

Attention:

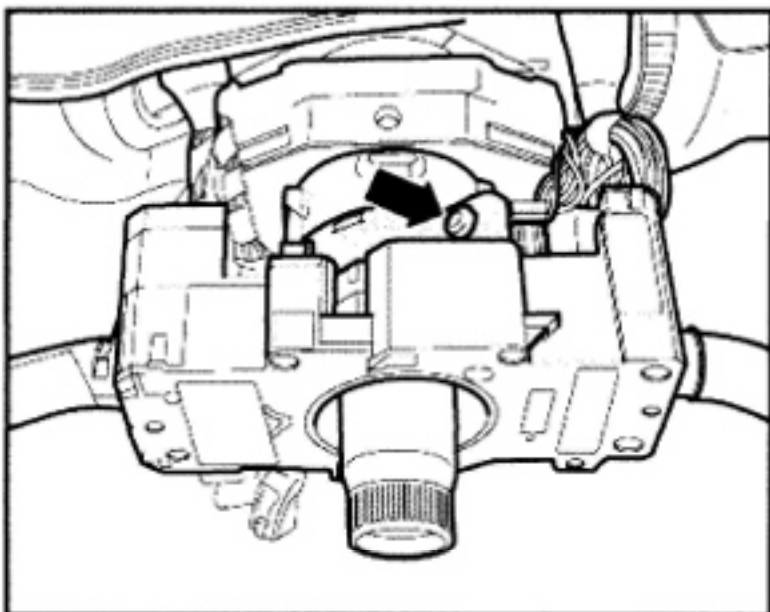
Coil connector with slip ring must not be turned out of centre position (secure in installation position using adhesive tape).



- → Slacken off bolt -arrow- of clamp until steering column switch can be detached.
- Unplug connectors for steering column switch.

Installing

Install in reverse order, paying attention to the following:



- Slide housing of coil connector with slip ring and steering angle sender onto steering column switch until all fasteners are heard to engage.
- Break off transportation protection to remove/detach adhesive securing tape.

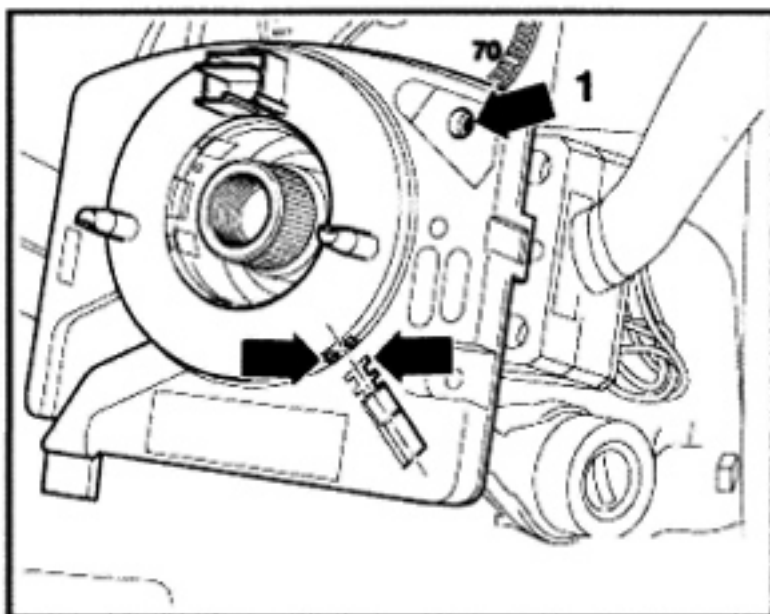
Vehicles with ESP:

- → Move steering angle sender to centre position.

- Yellow dot must be visible in hole -arrow 1- and the two marks -arrows- must be aligned

All models:

- Install driver's storage compartment.



- Install steering wheel and airbag unit.

Vehicles with ESP:

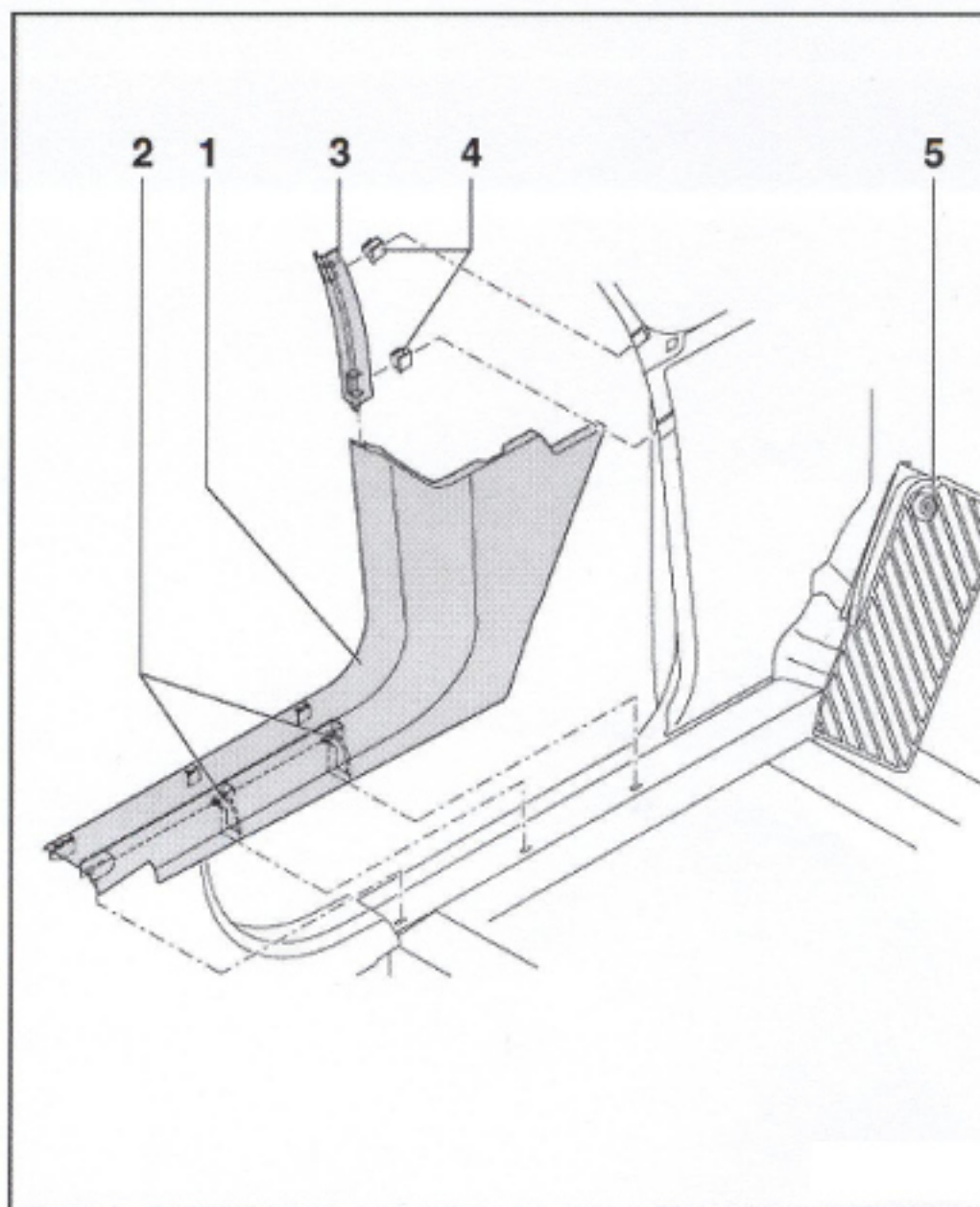
- Start basic setting for steering angle sender - G85.
- On vehicles with ABS/ESP Mark 60, perform ESP drive test.

Trims

Removing and installing lower A-pillar trim

1. Lower A-pillar trim.

- Pull web -3- out of clips -4- (2x).
- Pull web -3- upwards out of trim -1-.
- Unclip the trim -1- at clips -2- (3x).
- Pull the trim -1- out from underneath the B-pillar trim.
- Pull trim -1- rearwards out of foot rest -5-.



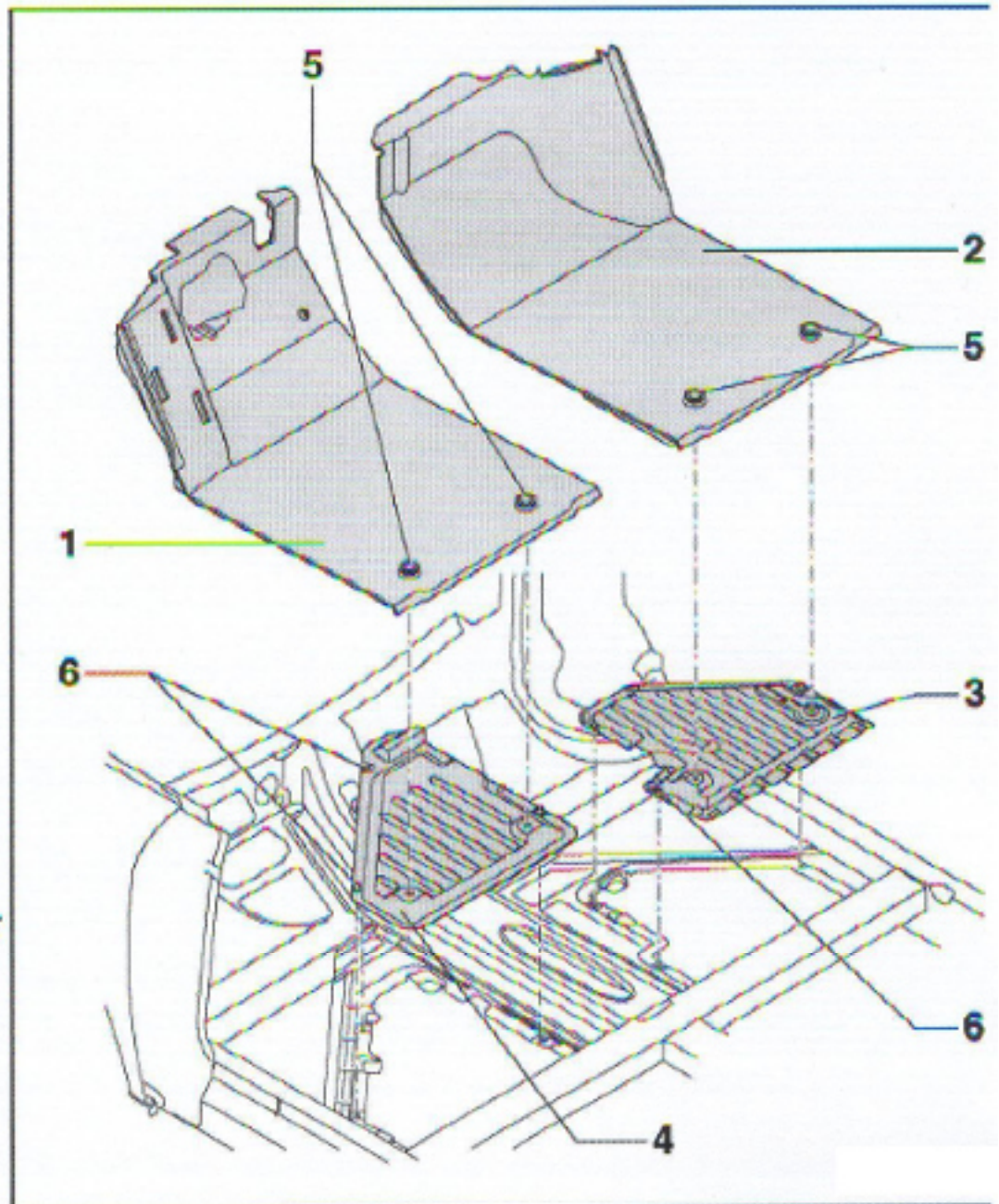
2. Clip (3x)
3. Lower A pillar trim web
4. Clip (2x)
5. Footrest

Trims

Removing and installing front floor covering

1. Left front floor covering for left-hand drive

- Move front seat to rearmost position.
- Remove trim at bottom of pillar -A-,
- Remove foot rest
- Remove accelerator pedal stop.
- Remove steering column cover => Fig.: 2.
- Unclip floor covering - 1- at clips -5-.



- Move front seat to rearmost position.

1. 1 - Front left floor covering for right-hand drive

- Unclip floor covering -1- at clips -5-

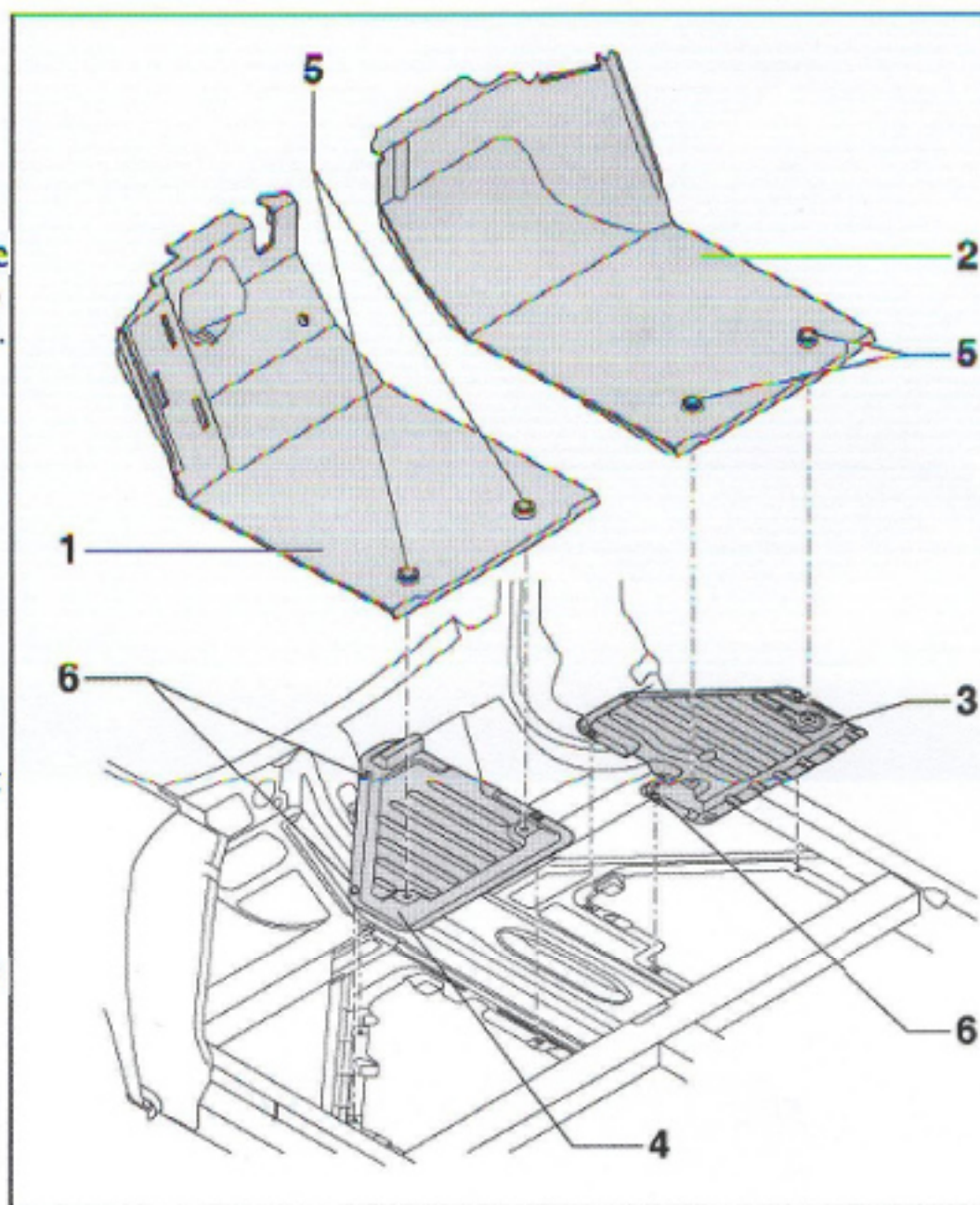
2. Right front floor covering for left-hand drive

- Move front seat to rearmost position.
- Unclip floor covering -2- at clips -5-

1. 2 - Front right floor covering for right-hand
 - Remove trim at bottom of pillar
 - Remove foot rest
 - Remove accelerator pedal stop.
 - Remove steering column cover
 - Unclip floor covering -2- at clips -5-

3. Right cap

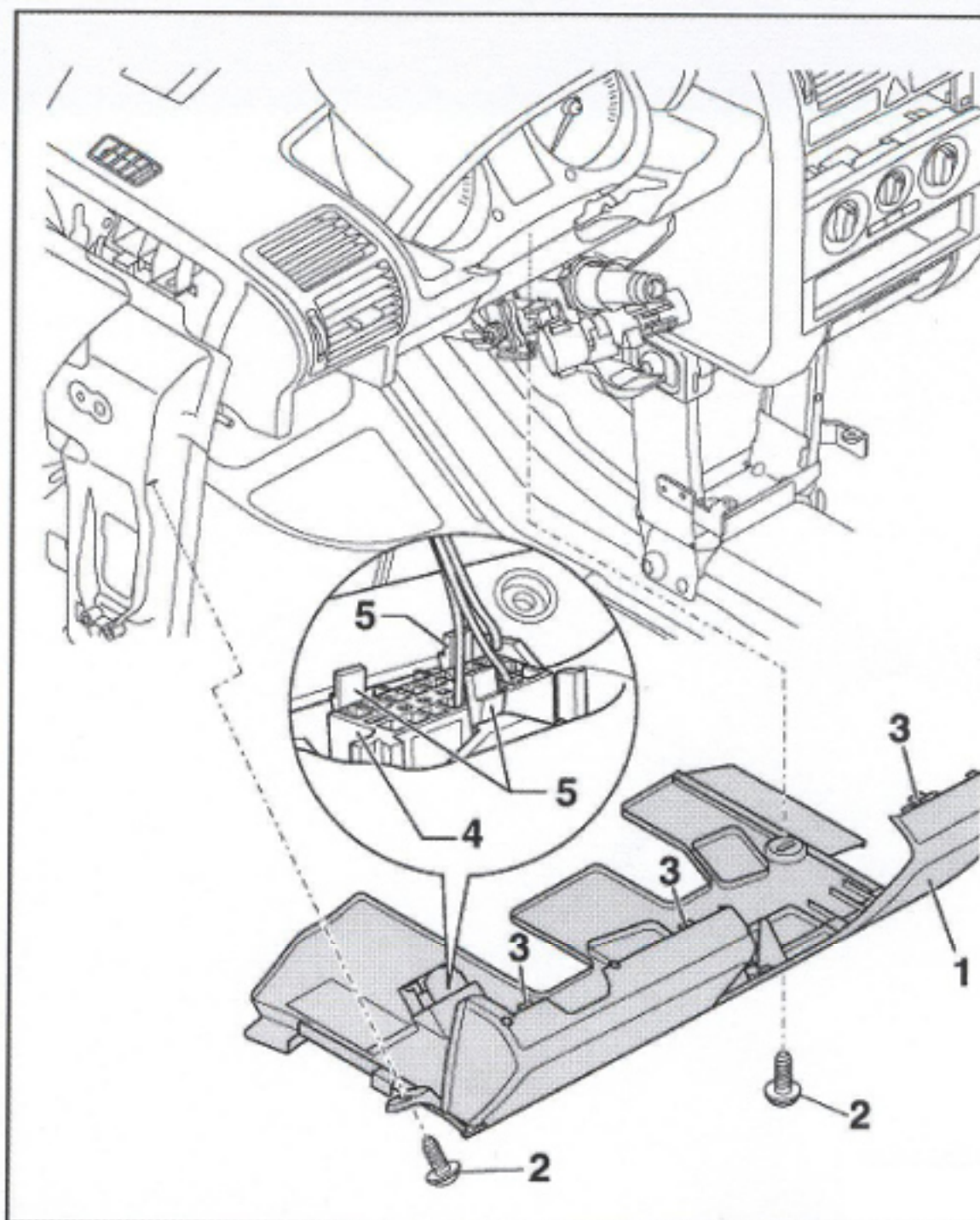
- Remove front right floor



*Do not stand up
driver's side storage
compartment -1-
for storage
purposes.*

*To carry, hold
driver's side storage
compartment -1-
between shelf and
footwell cover.*

- 2. Bolts (2x)
- Tightening
torque 4
Nm.
- 3. Clips
- 4. Diagnostic
connector
- 5. Locking tab



covering.

- Unclip
cap -3-
at clips -
6-.

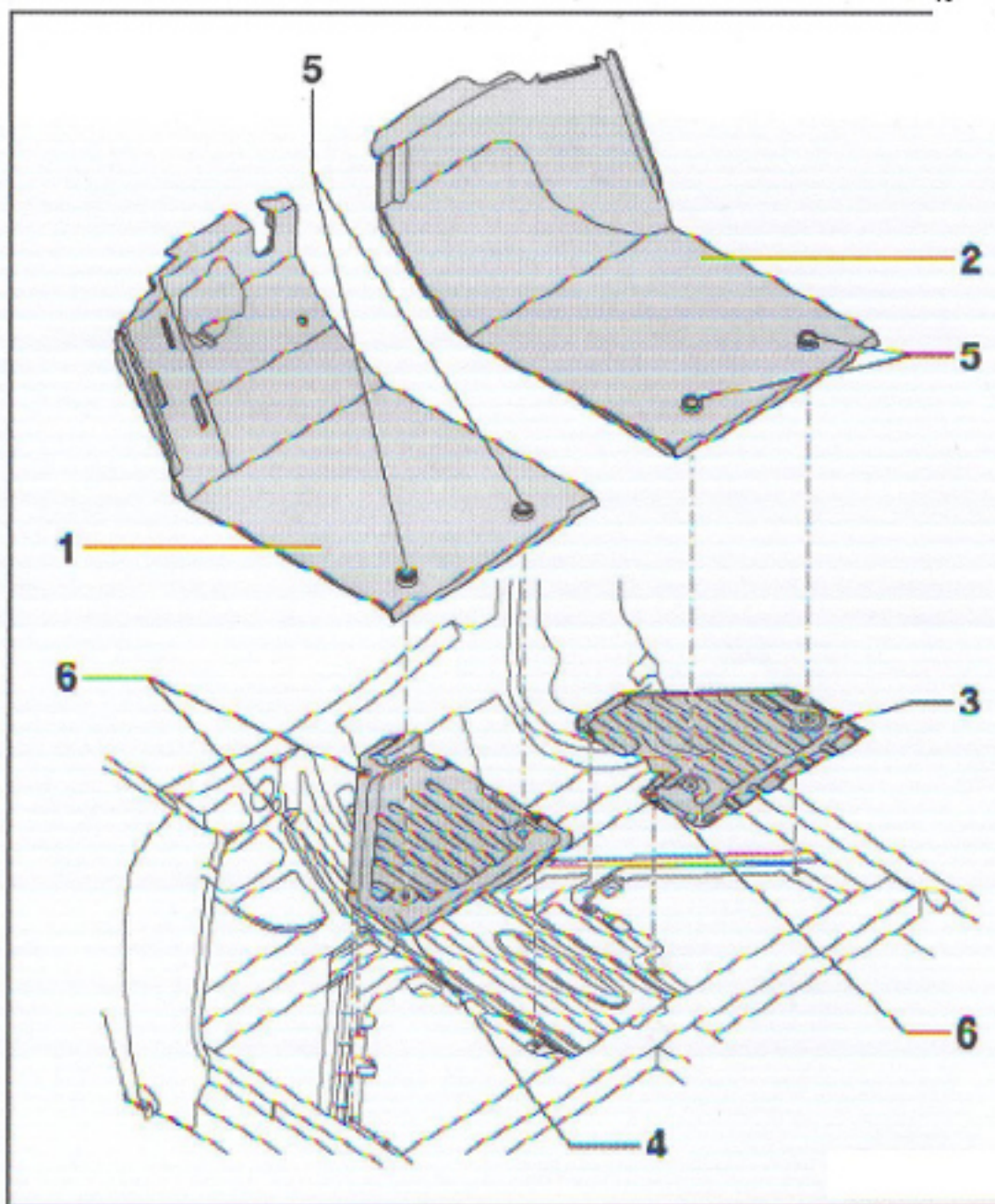
4. Left cap

- Remove
front left
floor
covering.
- Unclip
cap -4-
at clips -
6-.

5. Clips

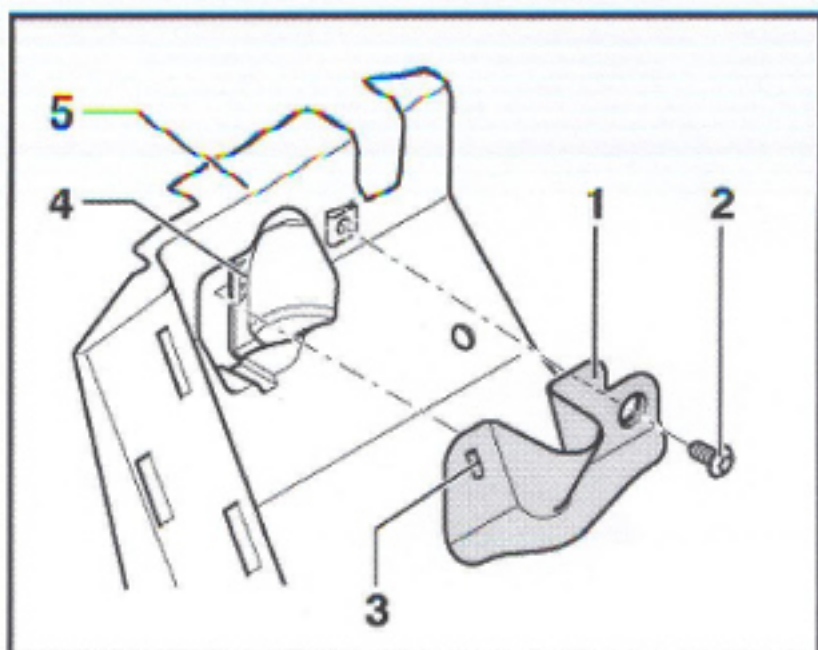
6. Clips

**Fig.:2 Removing
steering column
lower cover**



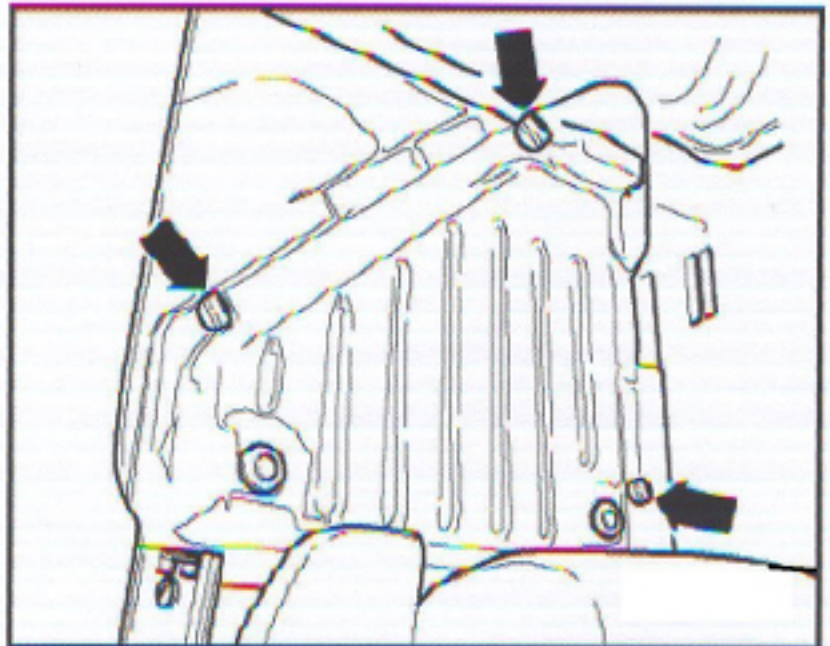
- Remove bolt -2-.
- Disengage steering column
cover -1- with retaining
hooks -3- from tab -4-.

5 - Floor covering



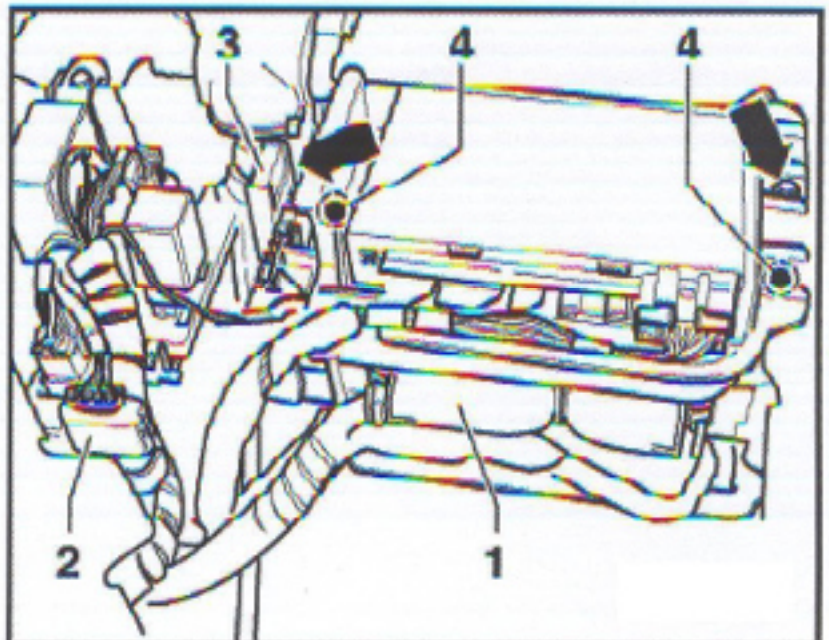
- Always start by calling up and printing out the control unit identification.
- Switch off ignition.

- Lift the floor covering from the left footwell.

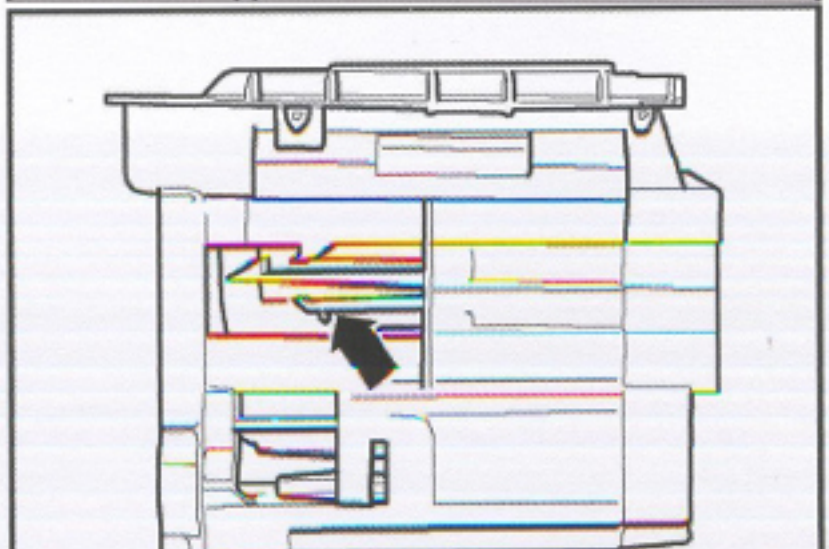


- → Release retaining bolts - arrow- securing the cover.
- Remove cover.

- Remove retaining bracket - 3 -.
- → Loosen bolts - arrow- and carefully remove control unit support.
- Carefully take out engine control unit - 1 - (push retaining clips - 4 - in direction of arrow) - see illustration below -.



- → Retaining clips for engine control unit
- Release and unplug connectors from control unit.



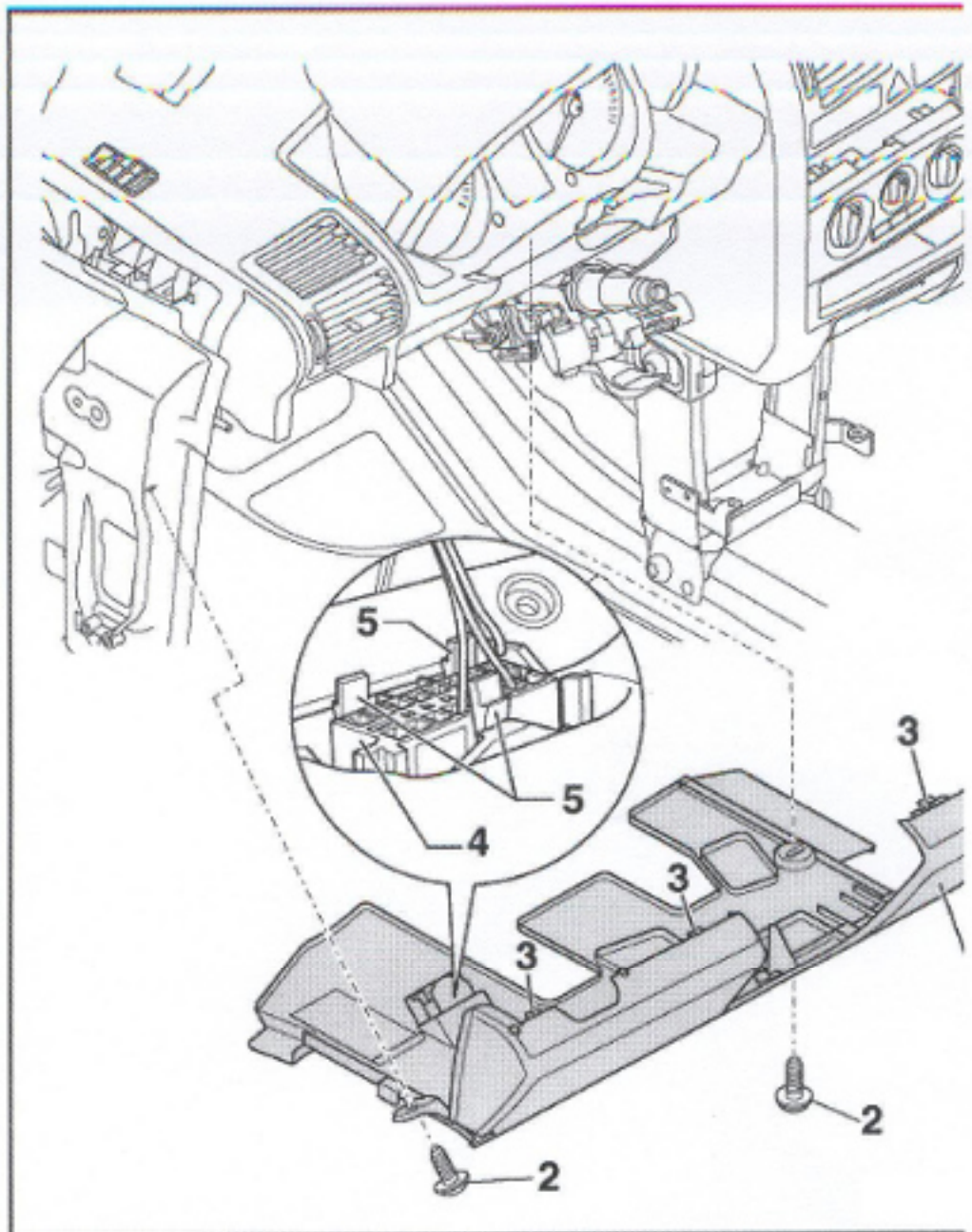
Installing engine control unit

Storage compartments/covers

Removing driver's storage compartment

1. Driver's storage compartment

- Remove lower A-pillar trim
- Remove bolts -2- (2x).
- Unclip the driver's side storage compartment at upper clips -3- (3x).
- Set down driver's storage compartment.
- Unclip diagnostic connector -4- by squeezing together the tabs -5- (3x).



Notes:

Improper handling of component (removal, storage, installation)

can cause breakage.