



Renault Grand Scénic II (JM0/1_), Scénic II (JM0/1_)



DANGER

Airbag unit can trigger unintentionally!

Airbag unit is a pyrotechnic component that can lead to death on improper handling!

Only specially trained employees may carry out any work on the airbag system.

Disconnect the battery.

Always store airbag unit with the padded side pointing upward.

Always transport airbag unit in appropriate packaging.

Never leave airbag unit unattended, but lock safely in an appropriate cabinet.

Do not open or repair airbag unit.

Only install airbag unit in undamaged condition.

Do not perform any measurements on the airbag unit using a test lamp or multimeter.

Wear protective gloves and safety goggles.

No person may stay inside the vehicle when re-connecting the battery.

NOTE

Ensure proper cleanliness when working on the servo-steering.

Steering column adjustment must remain locked during steering column removal.

Generally replace self-locking as well as corroded screws and nuts.

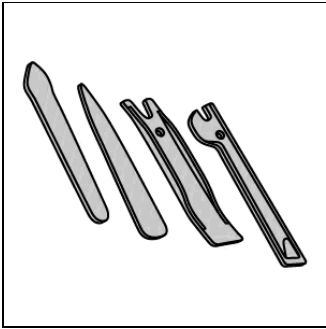
Repair work of any kind on the electromechanical steering column is not permissible, it must basically be completely replaced.

Observe disposal regulations!

Do not use oils, fats, chemicals and cleaners not approved by the manufacturer on airbag units.

The illustrations of these installation instructions are exemplary and are only intended for better understanding.

Required special tools



Mounting wedge(s)
OE (Car. 1363)

Required torques

Tightening torques

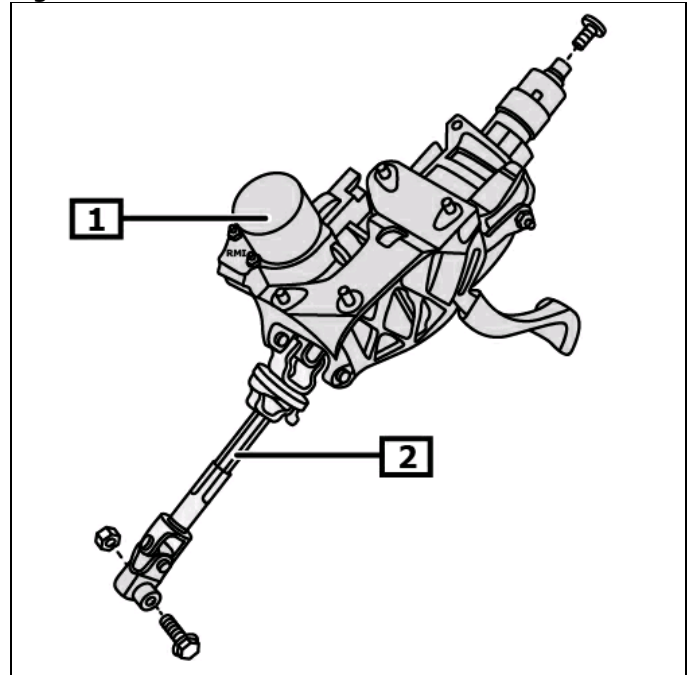
Self-locking screws and nuts must always be replaced.

Universal joint bolt(s) (2)	(see figure 7)	Use new screw(s) and nut(s).	44 Nm
Screw(s) from electronic steering column lock control unit (1)	(see figure 8)		Left-hand thread 8 Nm
Steering wheel screw		Use new screw(s).	44 Nm
Intermediate steering shaft screw(s)			at steering column 44 Nm

The steering column manufacturer can be matched by the intermediate steering shaft color. **(2)**

- Steering column manufacturer is NSK. if the intermediate steering shaft is black
 - Steering column manufacturer is TRW. if the intermediate steering shaft is silver
- (see figure 1)**

Figure 1



1 Steering column

2 Intermediate steering shaft

Remove:

Deactivate airbag system.

Note position of EOBD connection.

Turn the steering wheel to the central position.

Disconnect battery (negative terminal).

Keep waiting time of min. 10 s.

Remove driver's airbag.

Disconnect driver's airbag electric plug connection(s).
Demount steering wheel.

Unscrew and remove steering column shroud(s) lower screw(s).

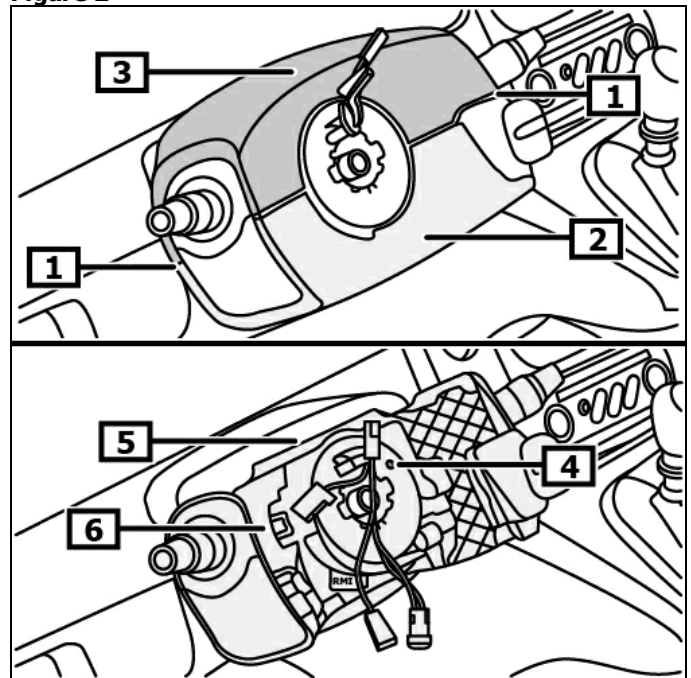
- Release the retaining clamp(s). **(1)**
- Remove lower steering column shroud. **(2)**
- Remove upper steering column shroud. **(3)**

Marking on contact unit must align with reference edge. (4)

- Unscrew and remove steering column module screw(s). **(5)**
- Remove steering column module incl. steering-column switch. **(6)**

Disconnect electric connectors.
(see figure 2)

Figure 2



1 Retaining Clamps

2 Lower steering column shroud

3 Upper steering column shroud

4 Mark(s)

5 Steering column module screw(s)

6 Steering column module

Remove gearshift knob in upward direction.

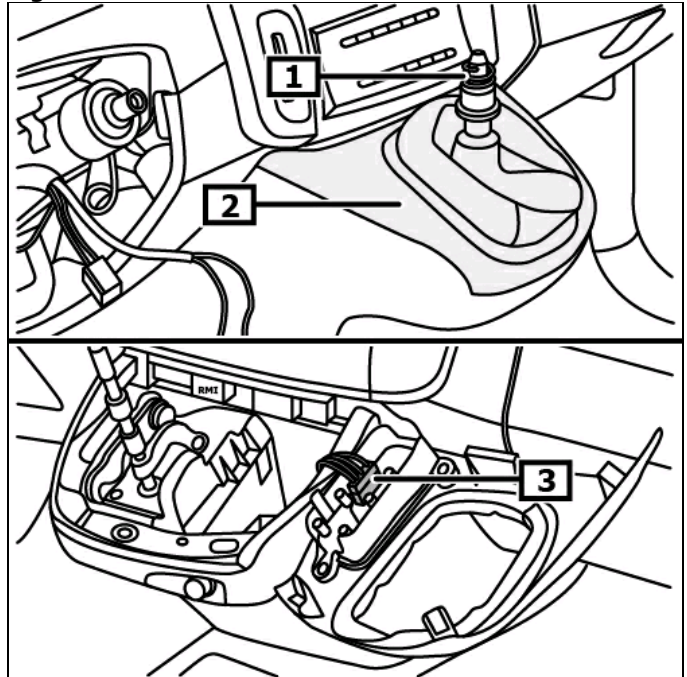
Remove the spring. **(1)**

Carefully remove gearshift lever cover(s) using a lever. **(2)**

Disconnect electric connectors. **(3)**

(see figure 3)

Figure 3



1 Spring(s)

2 Gearshift lever cover(s)

3 Electrical connection(s)

Unscrew and remove switch console trim screw(s). **(1)**

Remove switch console trim. **(2)**

(see figure 4)

Disconnect electric connectors.

depending on equipment

Demount radio.

Remove CD changer.

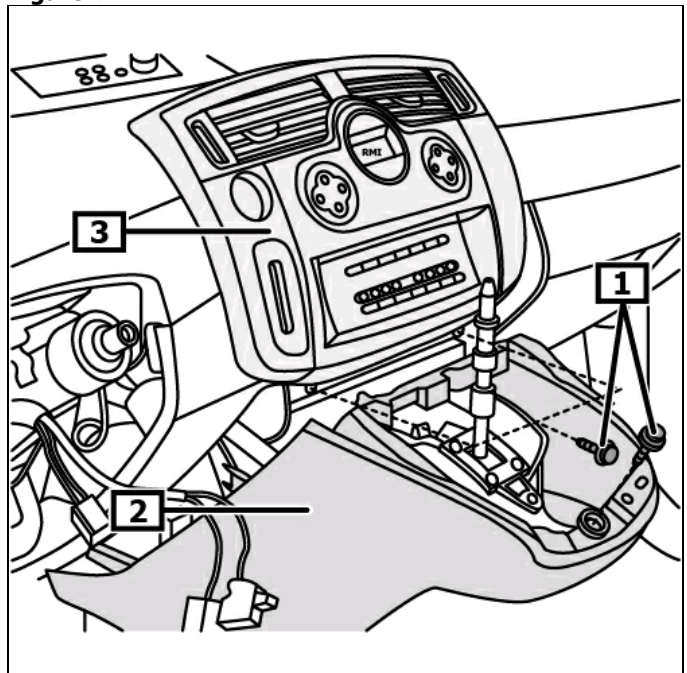
Demount navigation system.

Remove trim(s). **(3)**

(see figure 4)

Disconnect electric connectors.

Figure 4



1 Switch console trim screw(s)

2 Switch console trim

3 Trim(s)

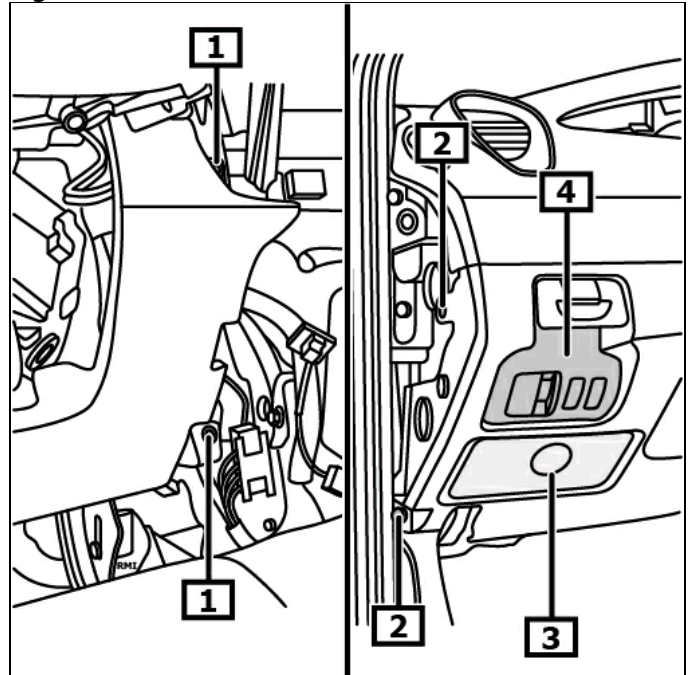
Unscrew and remove dashboard covering screw(s). **(1)**

Remove A-pillar lower paneling.
Remove cover(s) at side of dashboard.

Unscrew and remove dashboard covering screw(s). **(2)**

Remove storage box. **(3)**
Remove headlamp leveling unit switch. **(4)**
(see figure 5)

Figure 5



1 Dashboard covering screw(s)

2 Dashboard covering screw(s)

3 Parcel tray

4 Headlamp leveling unit switch

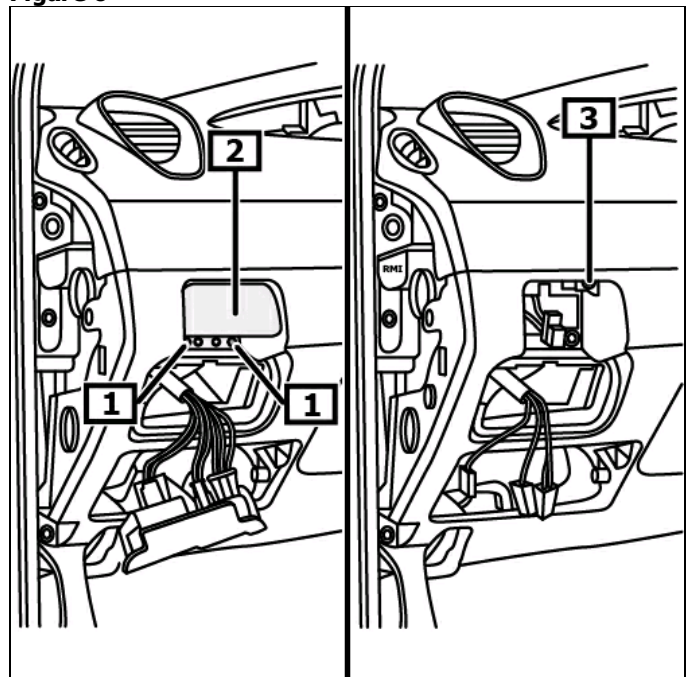
Unscrew and remove electronic parking brake switch screw(s).

(1)
Remove electronic parking brake switch. **(2)**

Disconnect electric connectors.
Unscrew and remove dashboard covering screw(s). **(3)**
(see figure 6)

Remove dashboard covering.
Remove driver's side footwell air duct.

Figure 6



1 Electronic parking brake switch
screw(s)

2 Electronic parking brake switch

3 Dashboard covering screw(s)

Fold back footwell covering, driver side.

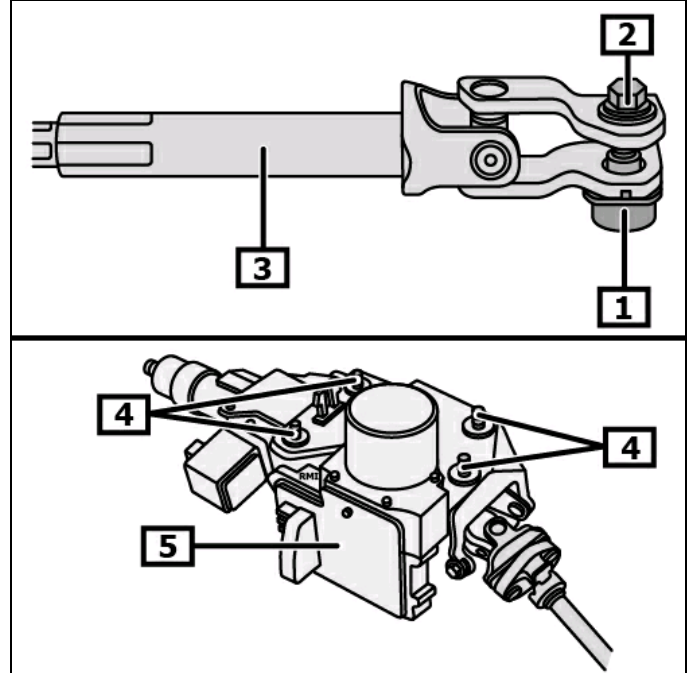
Remove support ring. (1)

Unscrew universal joint bolt(s). (2)

Observe installation position!

Remove the universal joint upward from the steering gear. (3)
(see figure 7)

Figure 7



1 Supporting ring

2 Universal joint bolt(s)

3 Intermediate steering shaft

4 Steering column nut(s)

5 Steering column

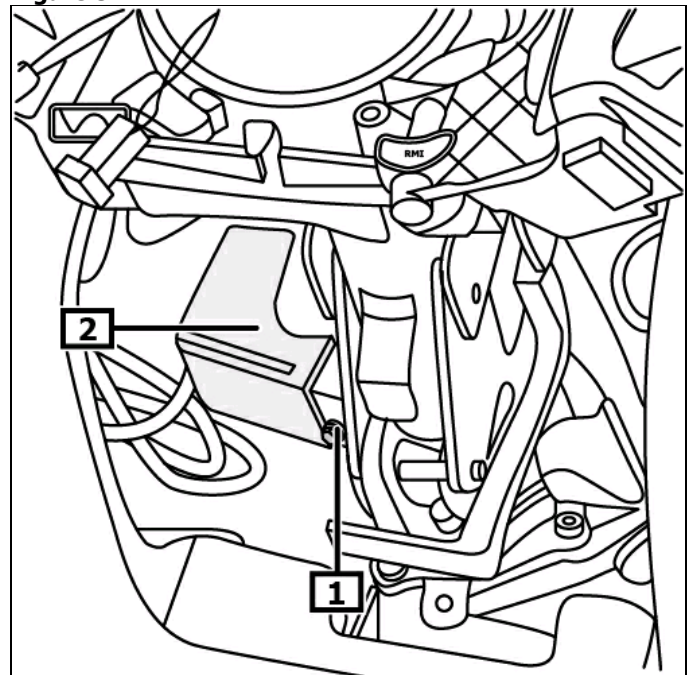
Unscrew and remove screw(s) from electronic steering column lock control unit. (1)

The screw has a left-hand thread.

Disconnect electric connectors.

Remove electronic steering column lock control unit. (2)
(see figure 8)

Figure 8



1 Screw(s) from electronic steering column lock control unit

2 Electronic steering column lock control unit

Remove instrument cluster cover frame on top. **(1)**
Remove instrument cluster cover frame at the bottom. **(2)**
Use mounting wedge(s).

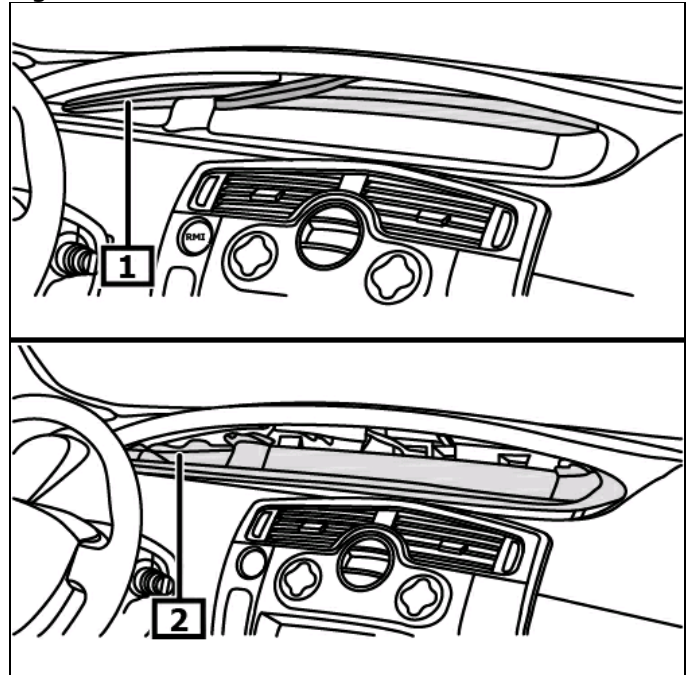
Required special tools

Mounting wedge(s) **OE (Car. 1363)**

(see figure 9)

Loosen electric cable(s) from steering column.

Figure 9



1 Instrument cluster cover frame
on top

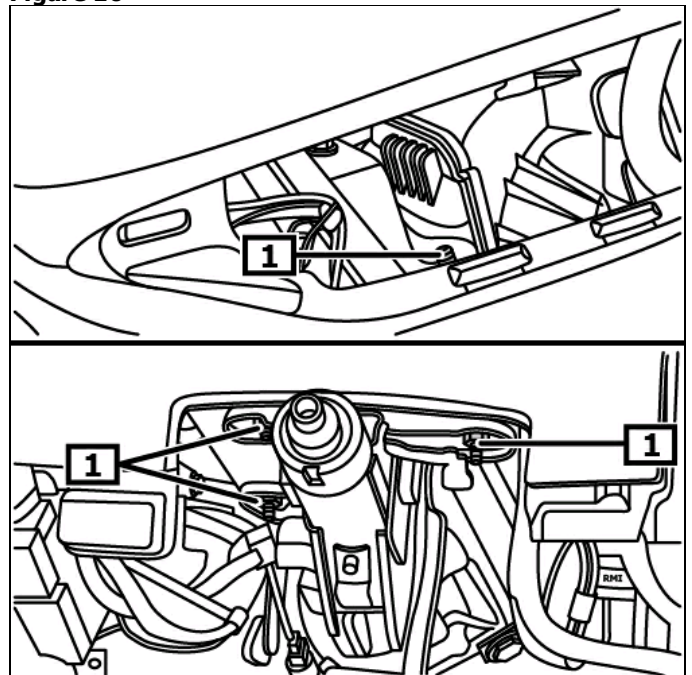
2 Instrument cluster cover frame
at the bottom

Disconnect steering column electric plug connection(s).

Unscrew and remove steering column nut(s). **(1)**
(see figure 10)

Remove the steering column.

Figure 10



1 Steering column nut(s)

Convert following components when replacing the steering column:

- Ignition lock
- Intermediate steering shaft

Install:

Installation in reverse order of removal.

Make sure that the universal joint screw is seated centered in the steering spindle recess! (1) - (4) (see figure 11)

Continue assembly in reverse order of removal.

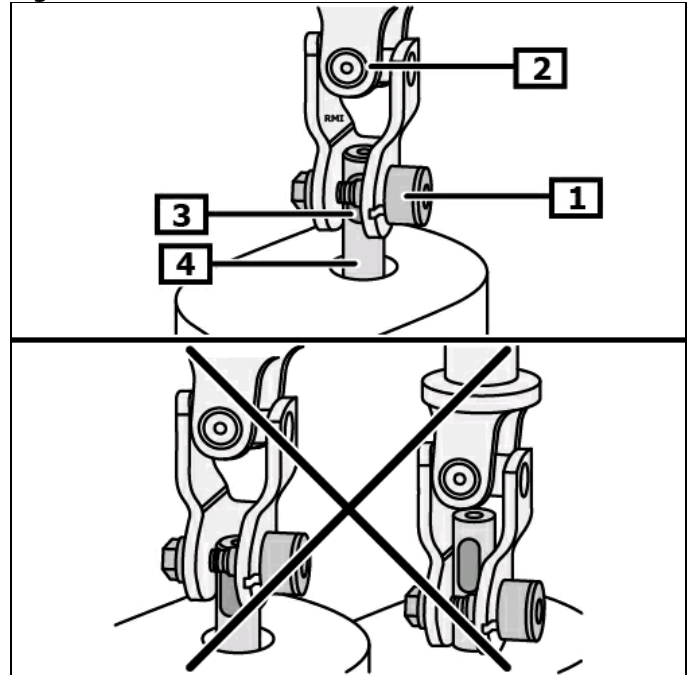
Code radio and reprogram vehicle settings if required.
Check electrical system for function.

Teach the steering angle sensor.

Teach steering angle sensor using appropriate diagnostic unit.

Note position of EOBD connection.

Figure 11



1 Universal joint bolt(s)

2 Steering gear universal joint

3 Recess

4 Steering spindle