



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.**

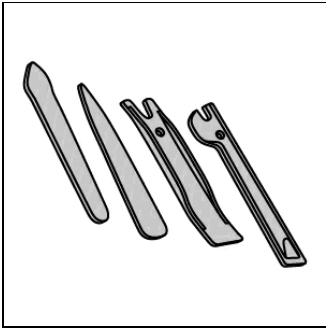
**Repair work of any kind on the electromechanical steering column is not permissible, it must basically be completely replaced.**

**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**

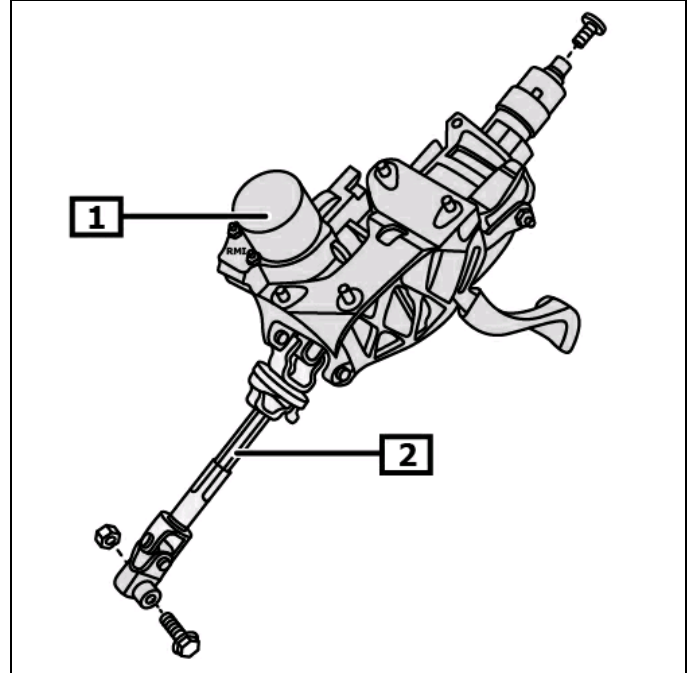
**Self-locking screws and nuts must always be replaced.**

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).

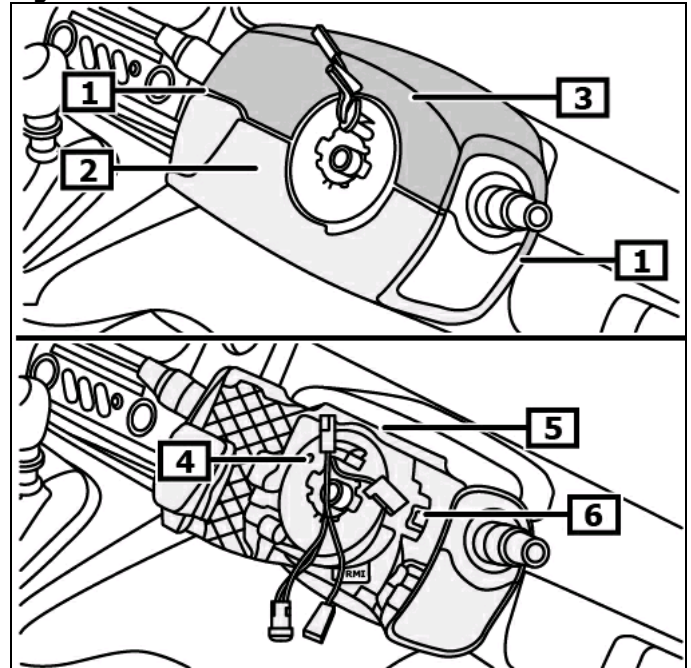
- Release the retaining clamp(s). **(1)**
- Remove lower steering column shroud. **(2)**
- Remove upper steering column shroud. **(3)**

**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.

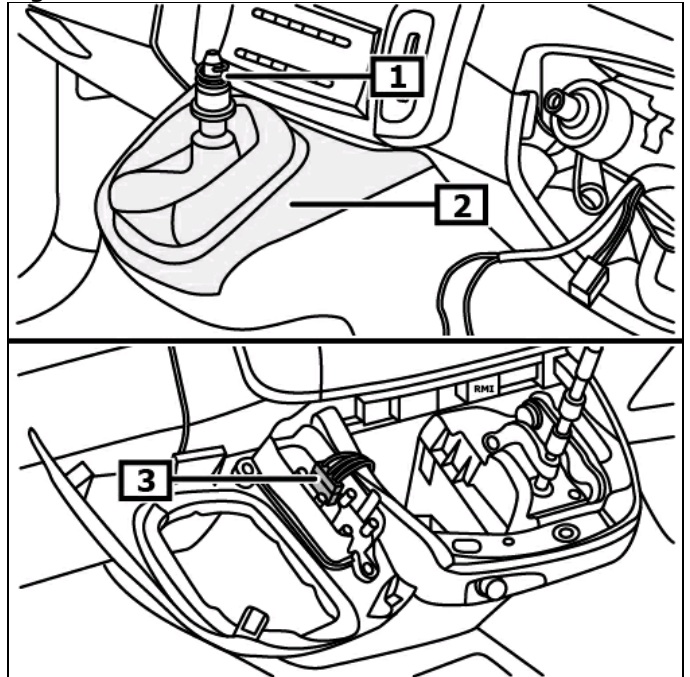
Remove the spring. **(1)**

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.

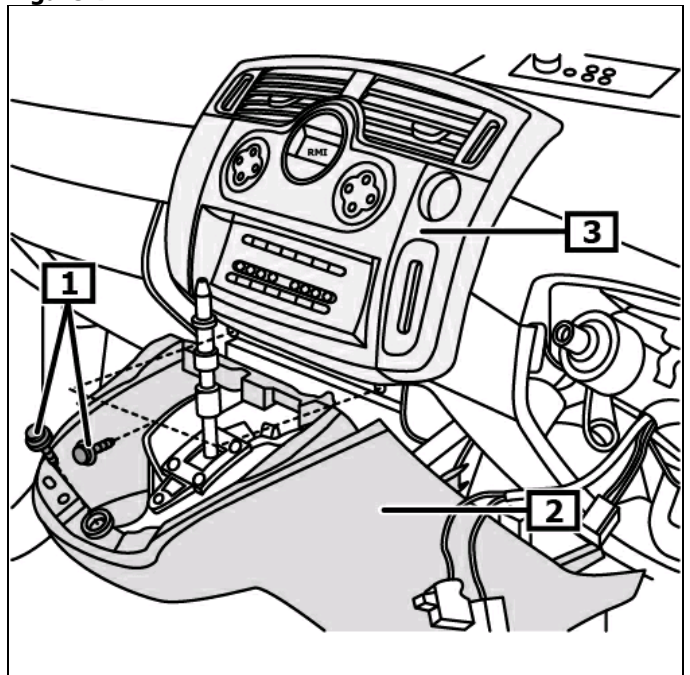
Demount navigation system.

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)

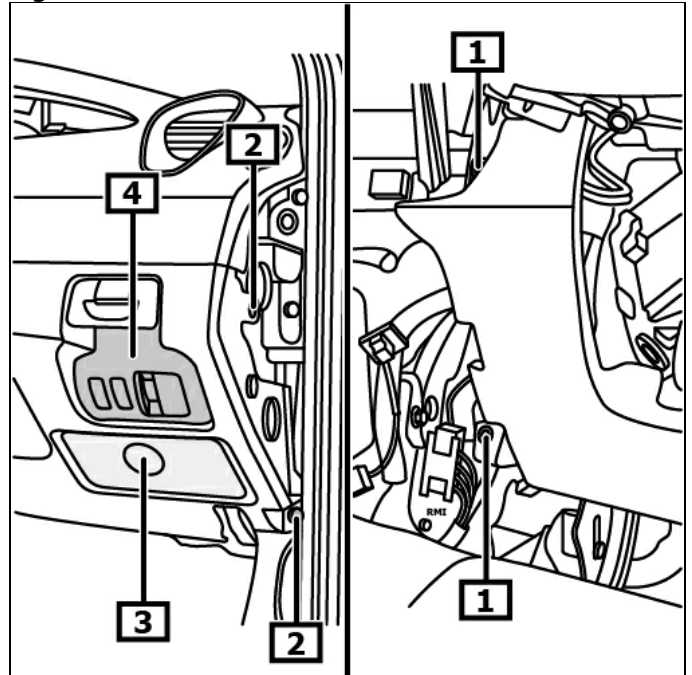
Unscrew and remove dashboard covering screw(s). **(1)**

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

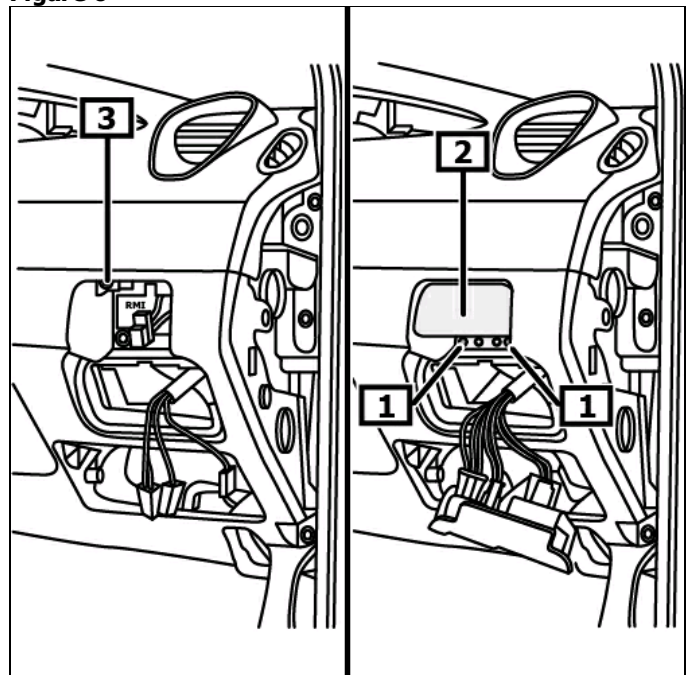
**4** Headlamp leveling unit switch

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 screw(s)

**3** Dashboard covering screw(s)

Fold back footwell covering, driver side.

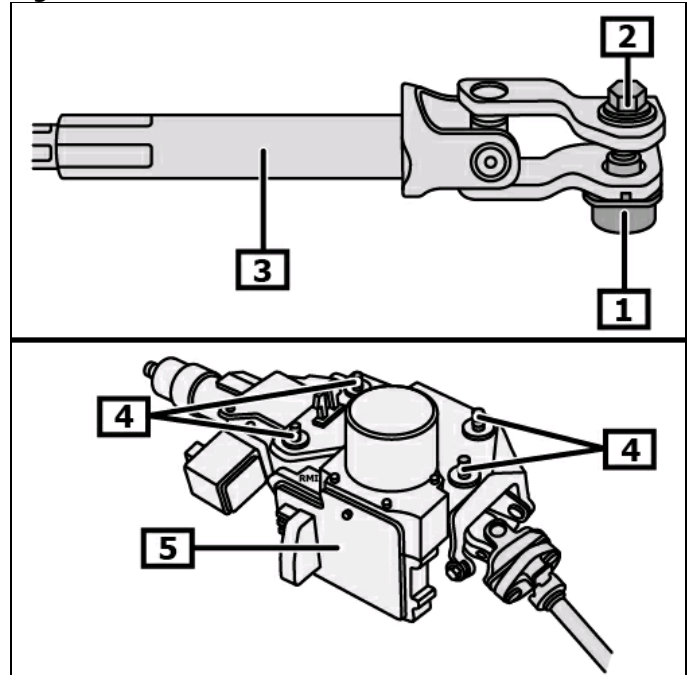
Remove support ring. (1)

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

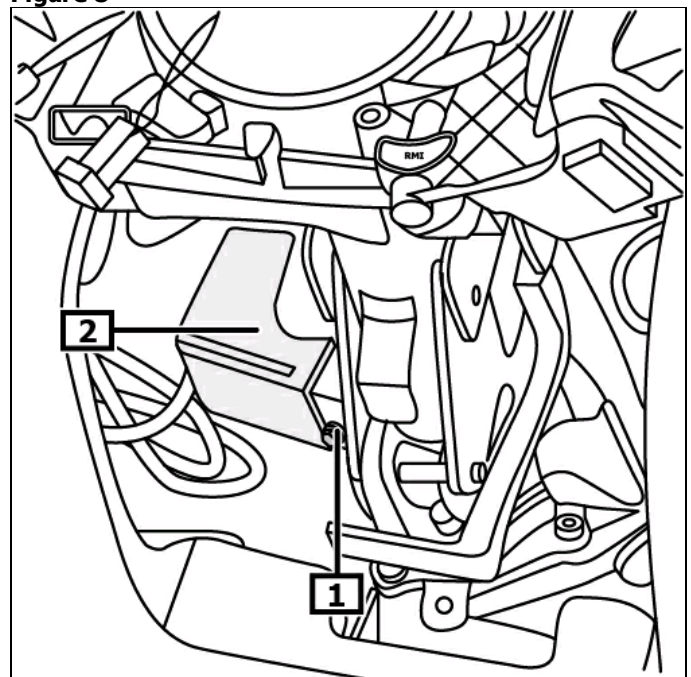
Unscrew and remove screw(s) from electronic steering column lock control unit. (1)

**The screw has a left-hand thread.**

Disconnect electric connectors. (2)

Remove electronic steering column lock control unit. (3)  
(see figure 8)

**Figure 8**



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

2 Electrical connection(s)  
3 Electronic steering column lock control unit

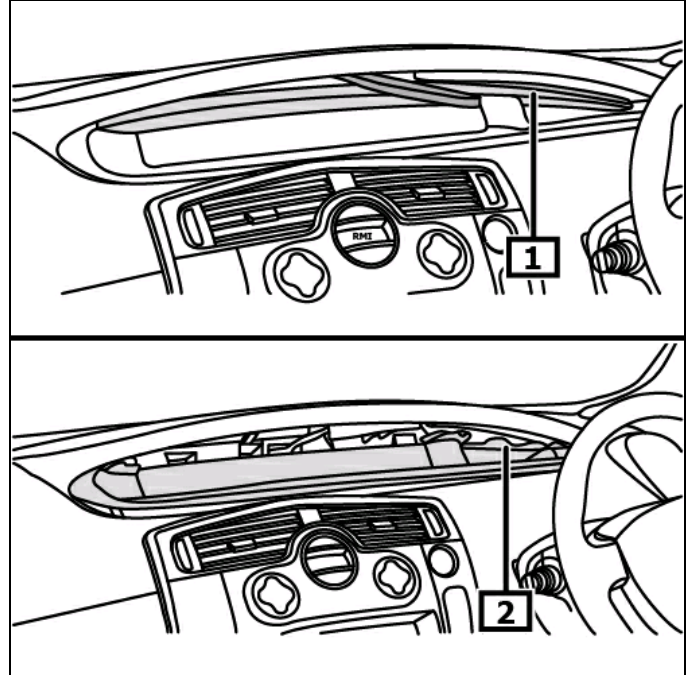
Remove instrument cluster cover frame on top. **(1)**  
Remove instrument cluster cover frame at the bottom. **(2)**  
Use mounting wedge(s).

**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**

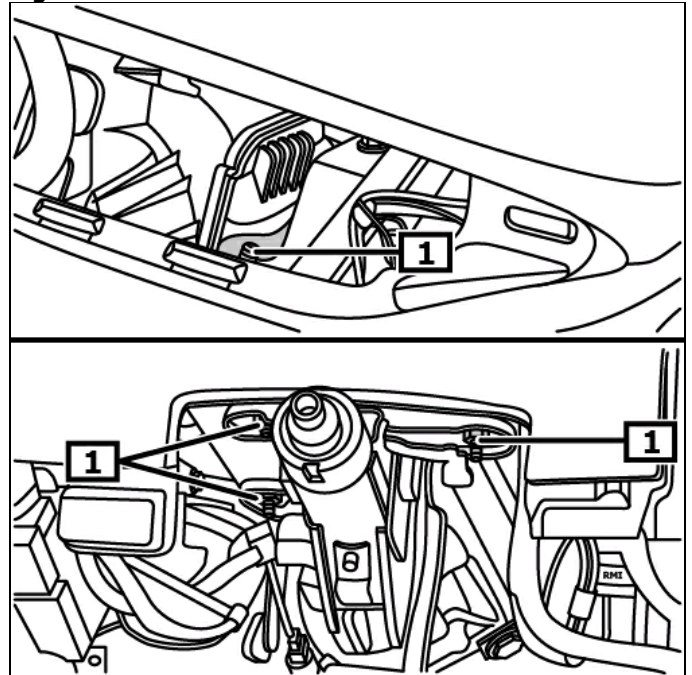
**2 Instrument cluster cover frame  
at the bottom**

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.**

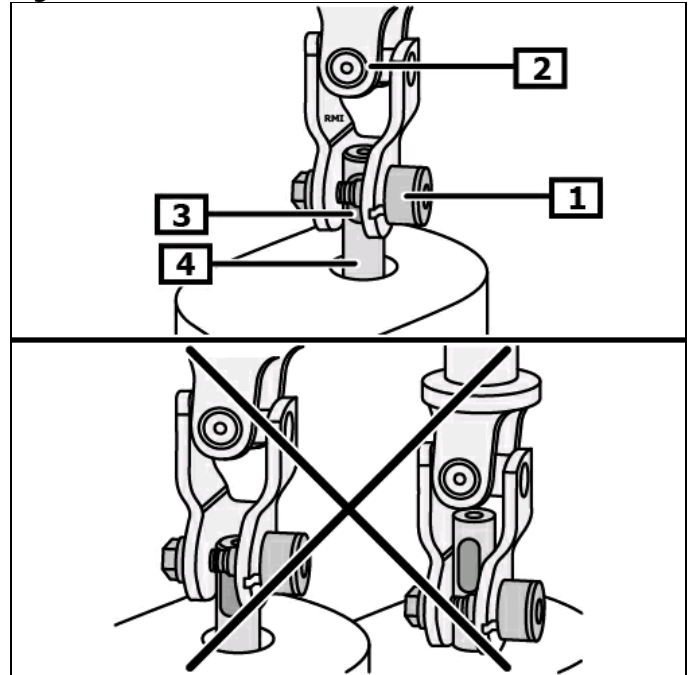
Code radio and reprogram vehicle settings if required.  
Check electrical system for function.

**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