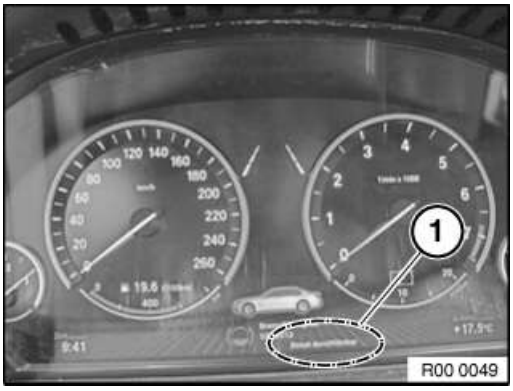
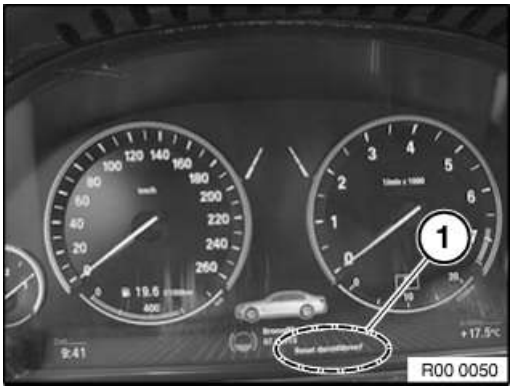
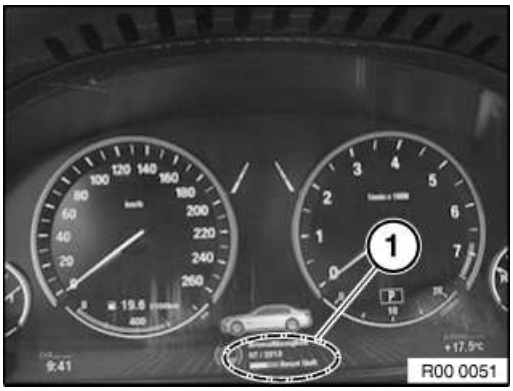


If a reset is possible, this is displayed in the instrument panel as "Reset executable" (1).

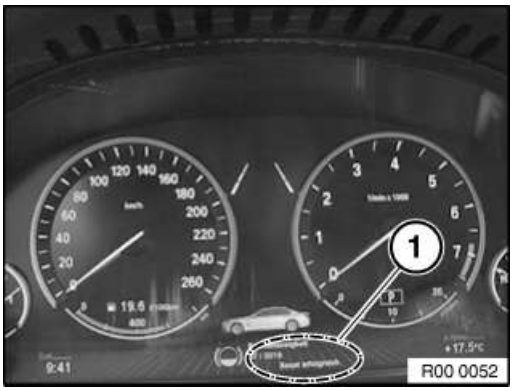
Start the reset by pressing the button for 3 seconds.



Confirm text message "Execute reset?" (1) by pressing the button for 3 seconds again.

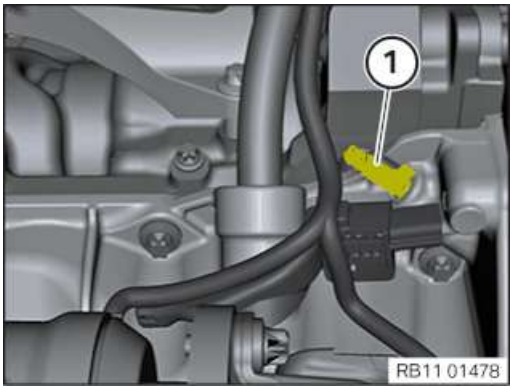


The status of the reset is indicated in the display by a progress bar and in text as "Reset running" (1).



The reset is confirmed after completion as "Reset successful" (1).

For F01, F02 and F03 only: ECE: Place cup holder insert in glove box US: Insert cup holder insert into cup holder receptacle			
For M6 only (F06 and F13): Install front spoiler			
install other enclosed parts scope (only in Market China: Take high-visibility jacket out of the luggage compartment and stow it in the storage compartment of the driver's door)			
Using BMW Group diagnosis system	**OK**	**Not OK**	**not present**
Carry out "CBS pre-delivery check" in the Service Function path under Maintenance			
Deactivate transportation mode			
Perform the following additional work only with SA5GB : Activating stolen vehicle tracking*			
Reset average mileage/kilometres driven			
Enter first registration			
Set on-board date			
Set statutory inspection dates*			
Enter service telephone numbers			
BMW TeleServices*: Activate			
Navigation system*: Activate the roadmap. Check the up-to-dateness of the roadmap and update if necessary.			
Check battery, observe notes in the diagnosis system, if applicable, charge battery			
Delete fault memory			
Carry out vehicle test, eliminate faults if necessary			
Engine compartment	**OK**	**Not OK**	**not present**
Check for cleanliness			
Note: It is possible that the cooling system has been filled above the maximum mark ex works. Do not adjust the coolant level. The normal coolant level is reached while driving the vehicle.			
Fluid tank for washer fluid	**OK**	**Not OK**	**not present**
Check fluid level and top up if necessary, where required with antifreeze additive			
Labels	**OK**	**Not OK**	**not present**
Apply label for BMW Group Mobile Service			
Body, interior equipment, vehicle underbody	**OK**	**Not OK**	**not present**
Check for transportation damage			
For F10, F11 and F18 with automatic transmission: Check that the cupholder cover is functioning correctly and engage the cupholder insert correctly if necessary			
Spring blocker*	**OK**	**Not OK**	**not present**
Remove			
Tyres	**OK**	**Not OK**	**not present**
Checking tyre pressure Observe the information on tolerance compensation for RDC.			



Vehicles with manual gearbox:

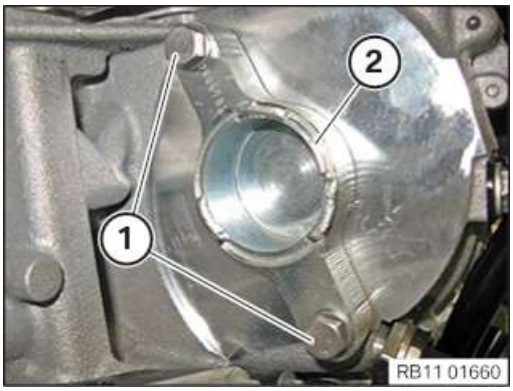
Remove protective cap (1) on oil sump.

Crank engine at central bolt with special tool 11 6 480

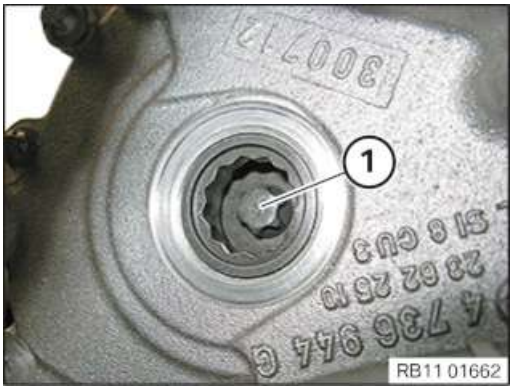
Use special tool 2 288 380 to block the crankshaft in the TDC firing position Cylinder 1

Notes for checking and adjusting the timing in vehicles with manual gearbox absolutely must be followed!

Screw in special tool 11 8 030 .



Release screws (1) from the transportation retainer (2).

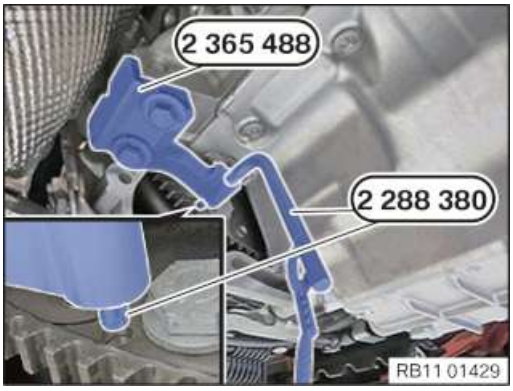


Attention!

The special tool 11 8 030 remains in the timing case.

Central bolt (1) remains in camshaft sprocket.

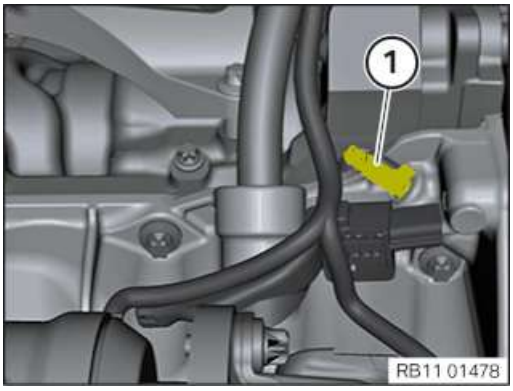
Remove central bolt (1).*Note:*
The central bolt (1) is supported on special tool 11 8 030 until the transportation retainer is pressed out.



Vehicles with automatic transmission:

Position special tool 2 365 488 and fasten with bolts.

Use special tool 2 288 380 to block the crankshaft in the TDC firing position Cylinder 1



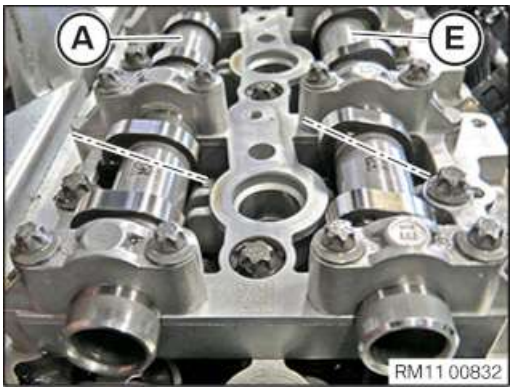
Vehicles with manual gearbox:

Remove protective cap (1) on oil sump.

Crank engine at central bolt with special tool 11 6 480

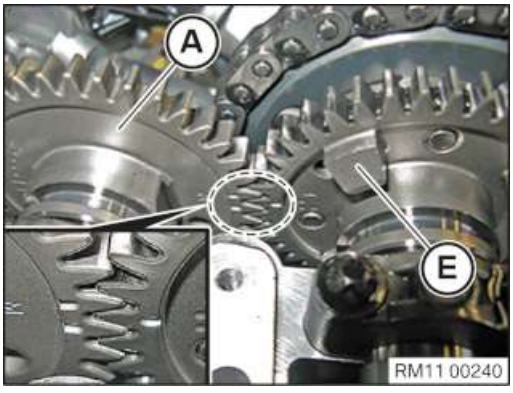
Use special tool 2 288 380 to block the crankshaft in the TDC firing position Cylinder 1

Notes for checking and adjusting the timing in vehicles with manual gearbox have to be followed absolutely!



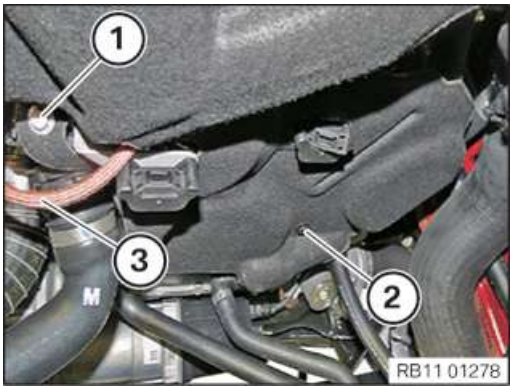
The cam on the intake camshaft (E) points obliquely upwards at cylinder No. 1.

The cam on the exhaust camshaft (A) points obliquely outward to the left at cylinder No. 1.



Marks on both camshafts (A and E) must match up (see graphic).

Release expanding rivet (1).



Release screw (1).
Release expanding rivet (2).
Release vacuum line (3) from acoustic cover.
Remove acoustic cover upwards.

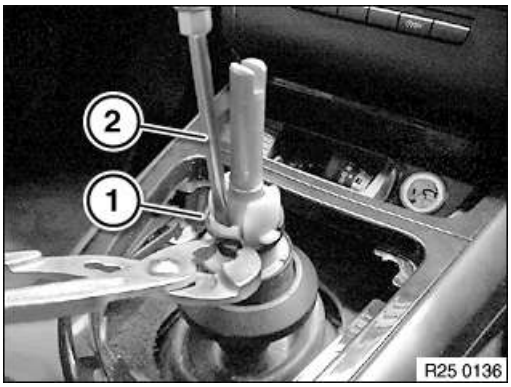
F2x and F3x:
Release all expanding rivets (arrows).
Remove acoustic cover (1).

Release cover (1) from the vibration damper with a screwdriver.

25 11 250 Removing and installing/replacing vibration absorber

Necessary preliminary work:

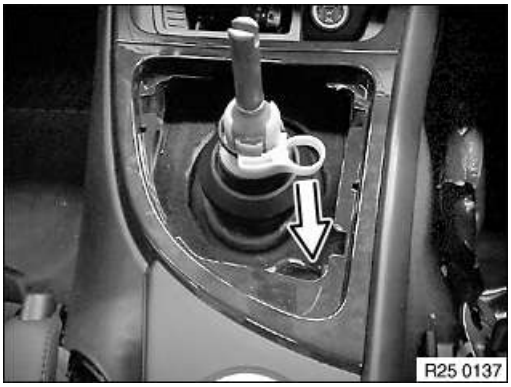
- Remove gaiter (gearshift lever cover) for gearshift lever.



Open clamp (1) on vibration absorber with pliers.

Unlock vibration absorber with screwdriver (2) (there is a locking detent on one side only).

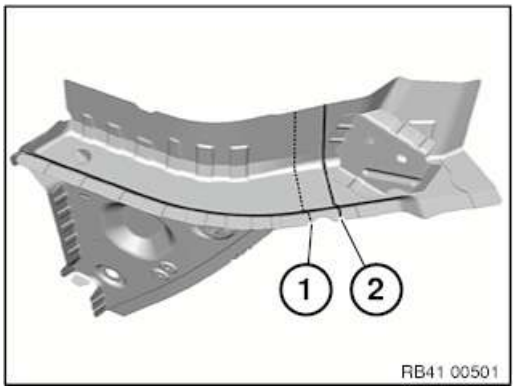
Lift out vibration absorber.



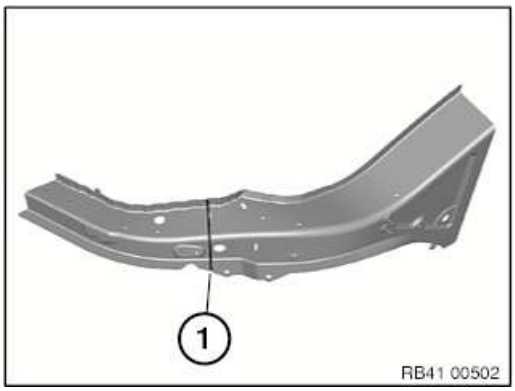
Installation note:
With new vibration absorber, after connecting on gearshift lever, retaining clip unlocked.

Make sure the vibration absorber is correctly engaged in the gearshift lever.

2	0 492 525 (36 1 308)		**Wheel stud** (Code 18) available separately (see EPC) under 36 13 1 181 248	
2	0 492 526 (36 1 309)		**Wheel stud** (Code 19) available separately (see EPC) under 36 13 1 181 249	
2	0 492 527 (36 1 311)		**Wheel stud** (Code 20) available separately (see EPC) under 36 13 1 181 250	
2	0 492 528 (36 1 312)		**Wheel stud** (Code 31) 12/2004 available separately, (see EPC) under 36 13 6 765 544	
2	0 492 529 (36 1 313)		**Wheel stud** (Code 32), 12/2004 available separately (see EPC) under 36 13 6 765 545	
2	0 492 530 (36 1 314)	**0 495 224**	**Wheel stud** (Code 33) 12/2004 Replaced by 36 1 326.(0 495 224) Not available individually. Can only be ordered as part of the complete special tool set 83 30 0 492 518 (special tool number 36 1 300) or via the Electronic Parts Catalogue.	
2	0 492 531 (36 1 315)	**0 495 225**	**Wheel stud** (Code 34) 12/2004 Replaced by 36 1 327.(0 495 225) Not available individually. Can only be ordered as part of the complete special tool set 83 30 0 492 518 (special tool number 36 1 300) or via the Electronic Parts Catalogue.	
2	0 492 532 (36 1 316)	**0 495 226**	**Wheel stud** (Code 35) 12/2004 Replaced by 36 1 328.(0 495 226) Not available individually. Can only be ordered as part of the complete special tool set 83 30 0 492 518 (special tool number 36 1 300) or via the Electronic Parts Catalogue.	



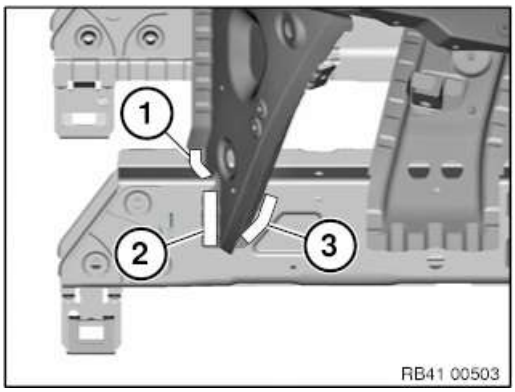
Mark new part in accordance with severance cut on vehicle (1) +20 mm extra material and cut (2).*Note:*
Install new part overlapping in area of severance cut.



Mark new part in accordance with severance cut on vehicle and cut (1).

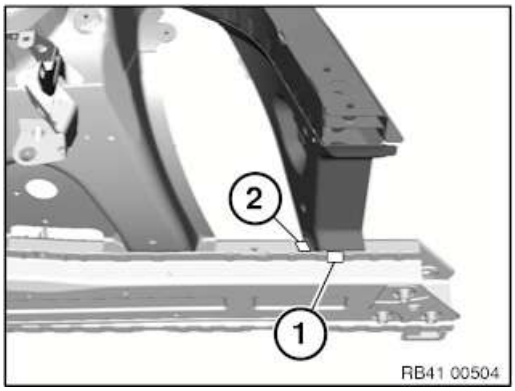
For the severance cut, create a reinforcement plate (welded) from the trim of the new part.

Adjust new parts with add-on parts to fit and secure.



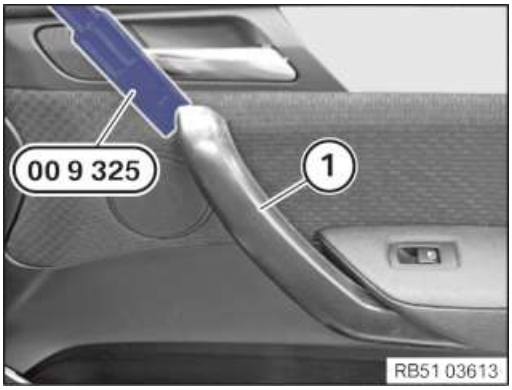
In areas (1) to (3), introduce Ø 6.8 mm bore holes for blind rivets N1.

Area	Number
1	2
2	3
3	2

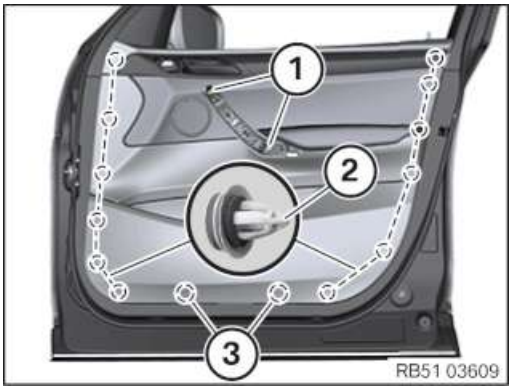


In areas (1) and (2) introduce one Ø 6.8 mm bore hole for blind rivets N1.

- Loosen screw (1).



- Lever out the handle trim of the handle (1) using special tool **0 496 569 (00 9 325)**, starting from the top.
- Swivel the handle trim of the handle (1) towards the inside and disengage it at the bottom.



- Loosen screws (1) on handle.
- Unscrew the screws on the bottom (3) at the door trim panel .

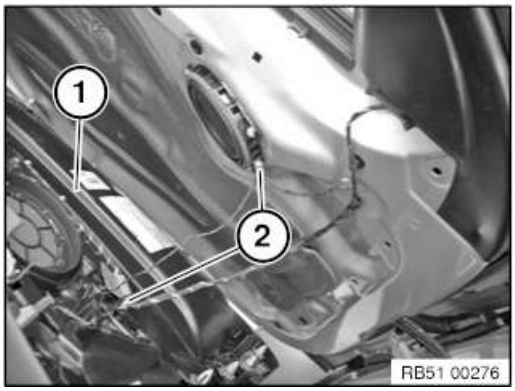
RISK OF DAMAGE

Bending of plastic parts.

Application of too much force can lead to bending of plastic parts.

- Place special tool directly beside the mounting clip.
- Continue unclipping the part without using the tool if possible.

- Unclip the door trim panel with the special tool **0 496 569 (00 9 325)** from the clips (2) beginning from the bottom.
- Unclip the top door trim panel at the weather strip.



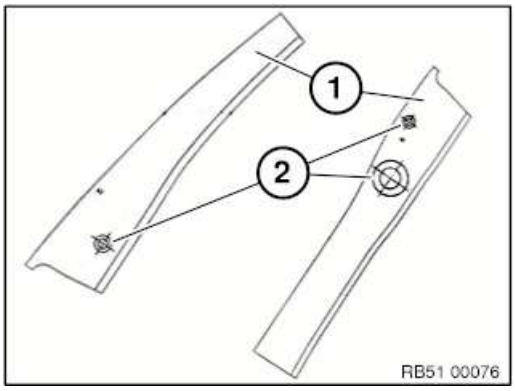
- Fold open front door trim panel (1) slightly and unlock and disconnect all plug connections (2).

51 71 ... Sticking templates for door seal to inner door panel (door seal removed)

The position of the sealing is set by means of templates (in the form of adhesive film).

Matching templates are supplied with new seals.

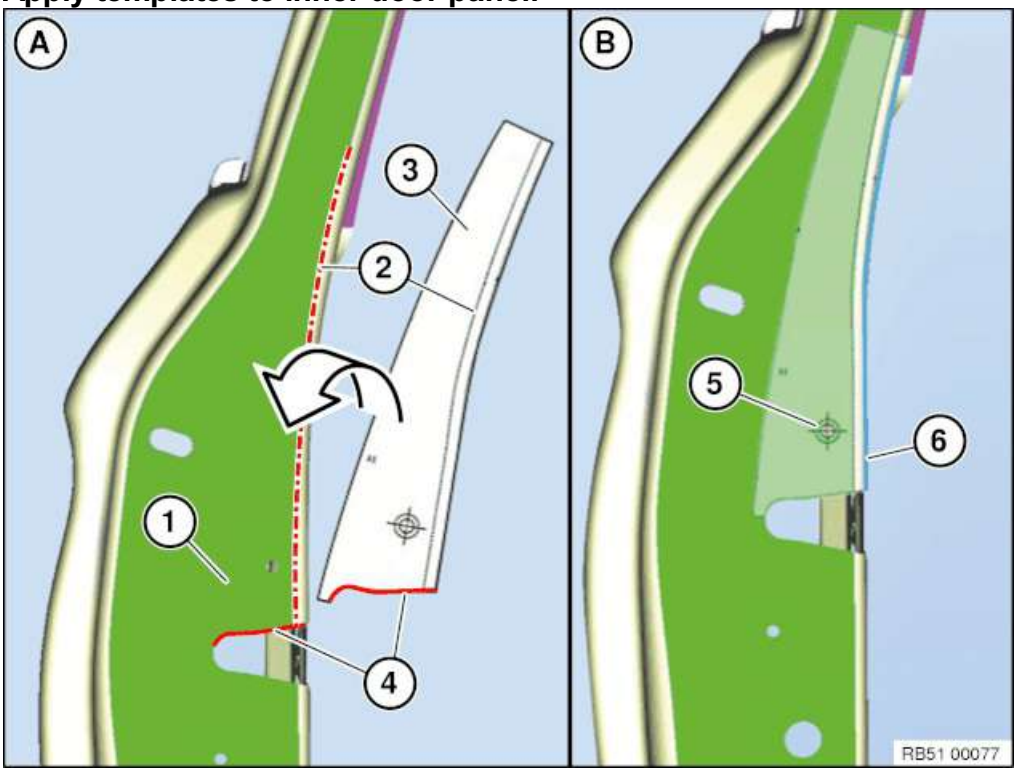
Procedure applies universally but is illustrated for front door.



Necessary preliminary tasks:

- Separate pre-perforated cut-outs (2) for door lock fixings, reflectors, etc. from templates (1) if necessary.
- Clean surfaces where templates are to be stuck on inner door panel with adhesive remover (sourcing reference: BMW Parts Department).

Apply templates to inner door panel:

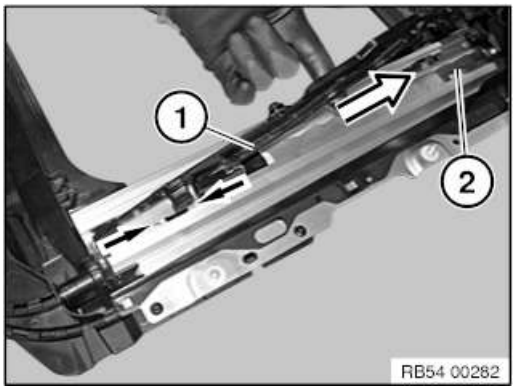


Graphic (A): before sticking down template (3) align with inner door panel (1)

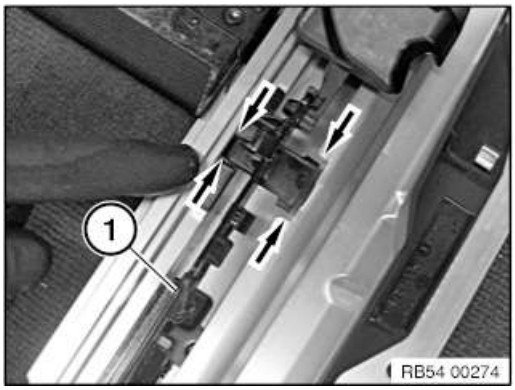
- Template contact edge and door lock cut-out edge match identically (4)
- Marking on template and start of inner door panel curvature match identically (2)

Graphic (B): checking position of template relative to inner door panel after sticking on

- Template cutting edge and projected inner door panel contact edge are flush (6)
- Template markings/cut-outs (5) are flush with relevant hole, screw fixing, reflector, etc.

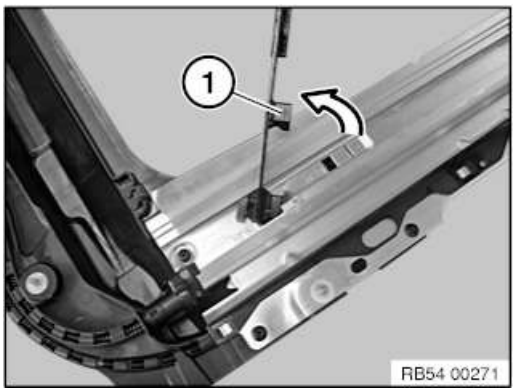


Hold the left and right of the mechanism (1) raised and move the carriage (2) back until the aperture for the control gate is exposed.

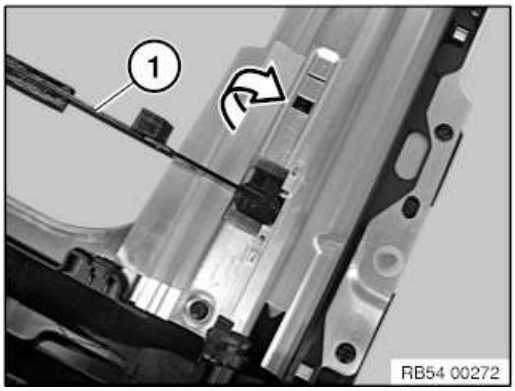


Installation note:
Move the carriage forward until it is positioned with the opening below the cover carrier (1) and can be immersed.

Insert the mechanism (1) outside in the guide rail and inside in the rear control gate.



Pull the mechanism (1) back to the aperture and turn it out of the guide rail in the direction of the arrow by 90°.



Lift the mechanism (1) out of the guide rail in the direction of the arrow.

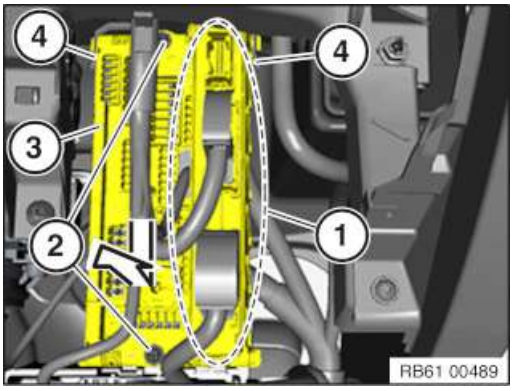
61 13 050 Removing and installing/replacing fuse box for vehicle interior

Warning!

Observe safety informations for handling vehicle battery.

Necessary preliminary work:

- Clamp off battery lead from negative connection point
- Detach both battery cables for negative terminal in F03
- Remove right glove box with housing

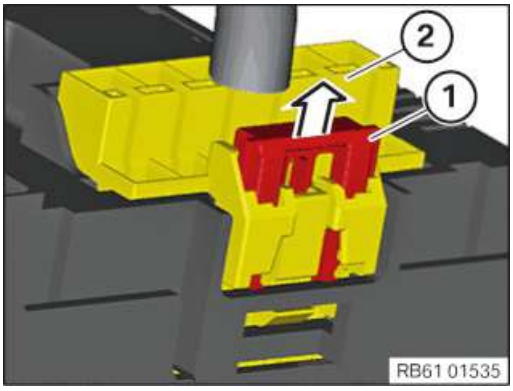


Disconnect plug connection (1) from power distribution box in passenger compartment (3) and junction box electronics.

If necessary, release screws (2).

Tightening torque 61 14 1AZ.

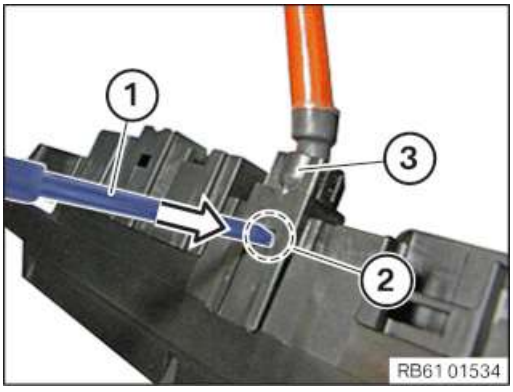
Feed out power distribution box in passenger compartment (3) from retaining clips (4) in direction of arrow.



Plug connection, e.g. on the power distribution box:

Lift lock (1) with a suitable tool.

Pull off plug connection (2) upwards.



Plug connection of the positive battery cable on the power distribution box:

Press into the opening (2) using a suitable tool (1).

Pull off plug connection (3) upwards.

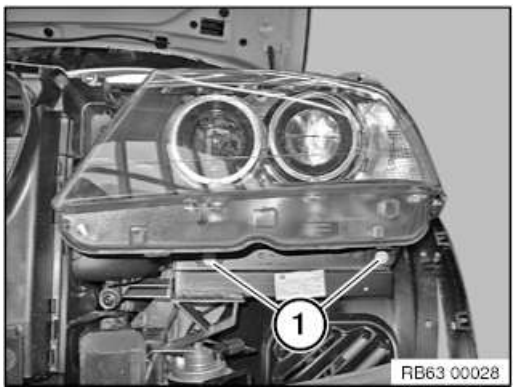
Unlock and disconnect all other plug connections.

63 12 140 Removing and installing (replacing) left headlight - LED technology -

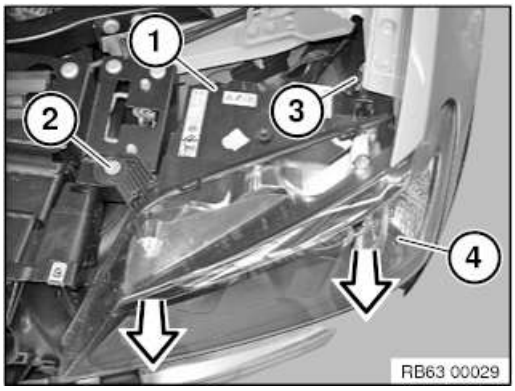
Attention!
Follow notes for handling light bulbs (exterior lights).

Necessary preliminary work:

- Remove front bumper panel



Release screws (1).
Tightening torque 63 12 1AZ.



Unlock plug connection (1) and disconnect.
Release screw (2).
Tightening torque 63 12 1AZ.
Release screw (3).
Tightening torque 63 12 1AZ.
Carefully remove headlight (4) in direction of arrow.
Installation note:
Adjust headlight.

Replacement only:

- **US version:** Checking blocking at horizontal position
- Remount turn indicator insert
- Remount LED main light module
- Remount headlight driver module

65 12 071 Removing and installing/replacing amplifier (HiFi)

Important!

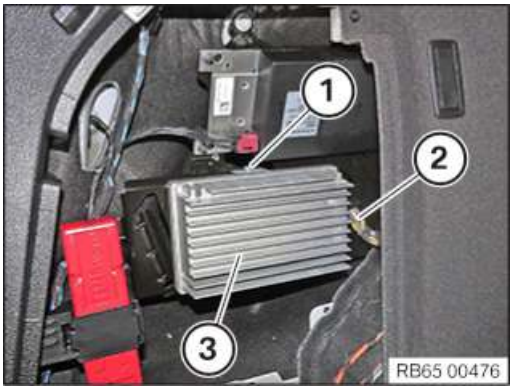
Read and comply with notes on protection against electrostatic damage (ESD protection).

Note:
Comply with notes and notes on handling optical fibres.

Necessary preliminary work:

- Disconnect battery earth lead
- Remove flap in luggage compartment trim panel on left

Removal:

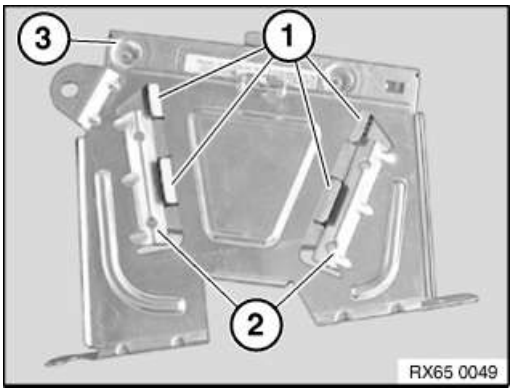


Release screw (1).

Unlock and disconnect connector (2).

Disengage amplifier (3) upwards out of holder.

Installation:



Note:
Picture for example purposes.
Note:
Tabs (1) must be correctly inserted into guide (2).

Check amplifier (3) for secure fit.

1111 Overview of tightening torques

Bearing journal of tensioning and guide rail		
M8	Replace bearing journal. **Tightening torque**	20Nm
Main bearing cap to crankcase		
M10x85 Replace screws.	**1. tightening torque**	25Nm
	2. tightening torque	50Nm
	3. Angle of rotation	60°
	4. Angle of rotation	60°
Special tool 11 8 930 to special tool 00 2 300		
M14x35		160Nm
Special tool/holder to crankcase		
M10x35		40Nm