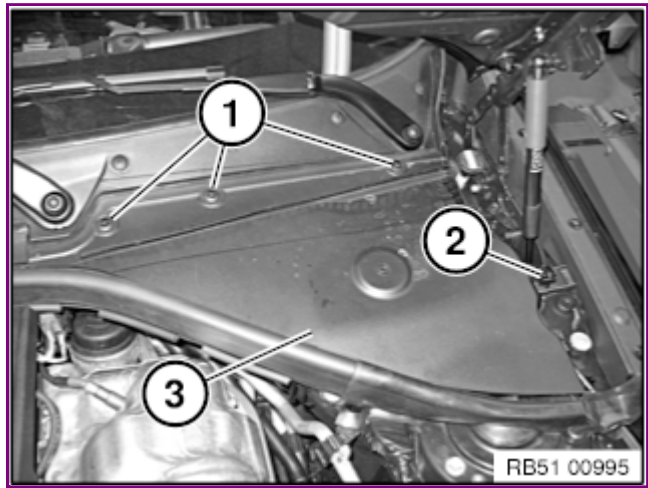


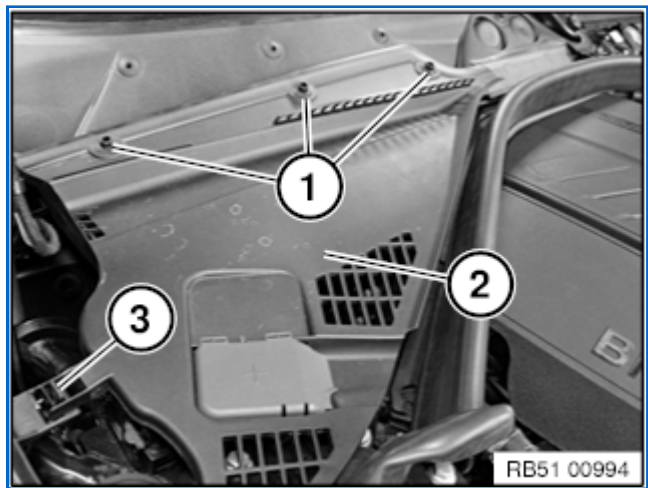
ISTA system version	4.10.15.15600	Data version	R4.10.15	Programming data	-
VIN	XXXXXXX	Vehicle	3'/F30/SEDAN/320i/B48/AUTO/ECE/RL/2018/02		
Int.lev.works	-	Int.lev.(cur.)	-	Int.lev.(tar.)	-
Mileage	-				

51 13 ...

Removing and installing/replacing cover in engine compartment on left or right



- Left side:**
- Turn locks (1) 90° counterclockwise.
 - Unlock catch (2).
 - Remove cover (3).



- Right side:**
- Turn locks (1) 90° counterclockwise.
 - Unlock catch (3).
 - Remove cover (2).

ISTA system version	4.10.15.15600	Data version	R4.10.15	Programming data	-
VIN	XXXXXXX	Vehicle	3'/F30/SEDAN/320i/B48/AUTO/ECE/RL/2018/02		
Int.lev.works	-	Int.lev.(cur.)	-	Int.lev.(tar.)	-
Mileage	-				

51 71 373

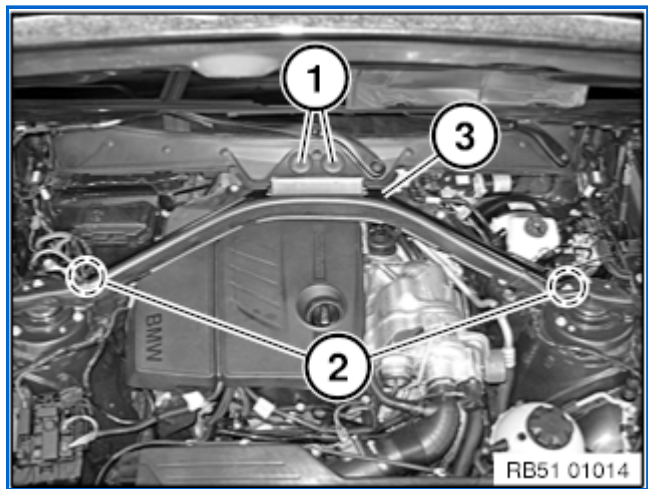
Removing and installing/replacing trailing link on spring strut dome



Important!
Driving without the trailing link is not permitted.
(risk of damage to the body).



- Necessary preliminary tasks:**
- Remove [cover in engine compartment](#) on the left and right



Lever out covers (1) and release screws underneath.
Release screws (2) and remove trailing link (3).
Tightening torque [51 61 1AZ](#)
Installation note:
Replace screws and tighten to specified torque and then to angle of rotation.

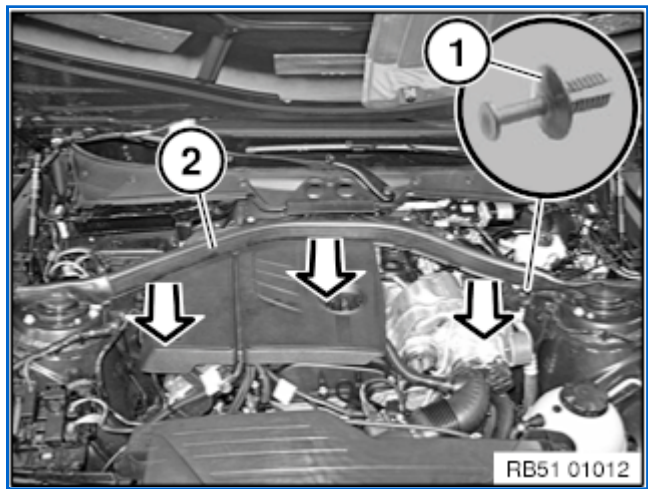
ISTA system version	4.10.15.15600	Data version	R4.10.15	Programming data	-
VIN	XXXXXXX	Vehicle	3'/F30/SEDAN/320i/B48/AUTO/ECE/RL/2018/02		
Int.lev.works	-	Int.lev.(cur.)	-	Int.lev.(tar.)	-
Mileage	-				

51 75 030

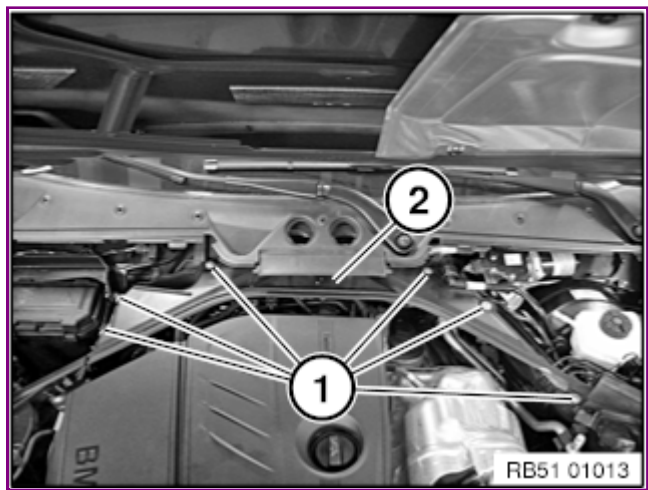
Removing or installing/replacing the sound insulation of the upper part of the bulkhead



- Necessary preliminary tasks:
- Remove [trailing link on spring strut dome](#)



- Detach positive wire from sealing (2).
- Release expansion rivet (1).
- Unclip sealing (2) in direction of arrow.



- Release screws (1).
- Feed out sound insulation of upper part of bulkhead (2).
- Installation note:*
- The gasket at the bottom of the sound insulation of the upper part of the bulkhead (2) must not be damaged.

ISTA system version	4.10.15.15600	Data version	R4.10.15	Programming data	-
VIN	XXXXXXX	Vehicle	3'/F30/SEDAN/320i/B48/AUTO/ECE/RL/2018/02		
Int.lev.works	-	Int.lev.(cur.)	-	Int.lev.(tar.)	-
Mileage	-				

11 00 ...

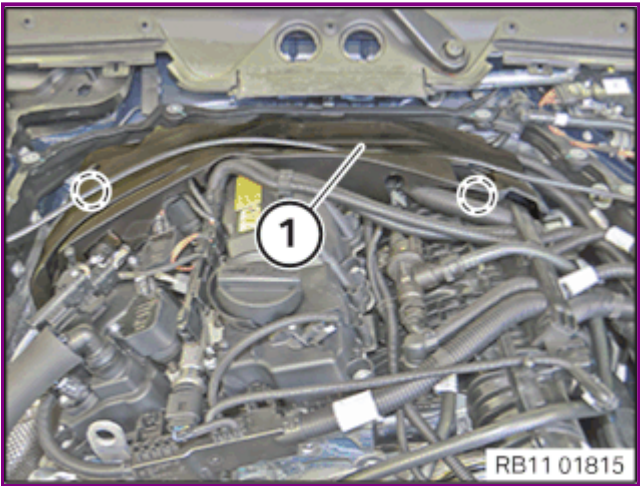
Removing and installing/replacing rear acoustic cover (corrosion protection) (B48B)



- Necessary preliminary work:
- Remove [centre bulkhead upper part sound insulation](#)



Removal:



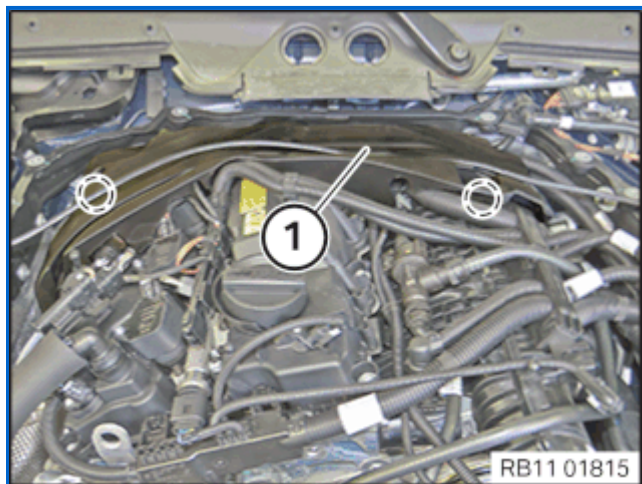
Feed out acoustic cover (1) upwards, out of the guides in the marked area.



Installation:

Position the acoustic cover (1).

Note:
Note the correct installation of the acoustic cover at the



guides in the marked area.



Required follow-up work:

- Install [centre bulkhead upper part sound insulation](#)
- Add final details to vehicle

ISTA system version	4.10.15.15600	Data version	R4.10.15	Programming data	-
VIN	XXXXXXXX	Vehicle	3'/F30/SEDAN/320i/B48/AUTO/ECE/RL/2018/02		
Int.lev.works	-	Int.lev.(cur.)	-	Int.lev.(tar.)	-
Mileage	-				

12 13 511

Replacing ignition coils (B48)



Important!

Ignition coils must not be contaminated by fuel.

The resistance of the silicone material is reduced significantly by contact with fuel, which may cause the ignition coil to fail!

The silicone tube of the spark plug connector is coated with talc to reduce the pulling forces. The silicone tube must **NOT** be oiled or greased. This would greatly reduce the durability of the silicone material, which can lead to a failure of the ignition coil.



Necessary preliminary tasks:

- Remove [acoustic cover](#) at rear.

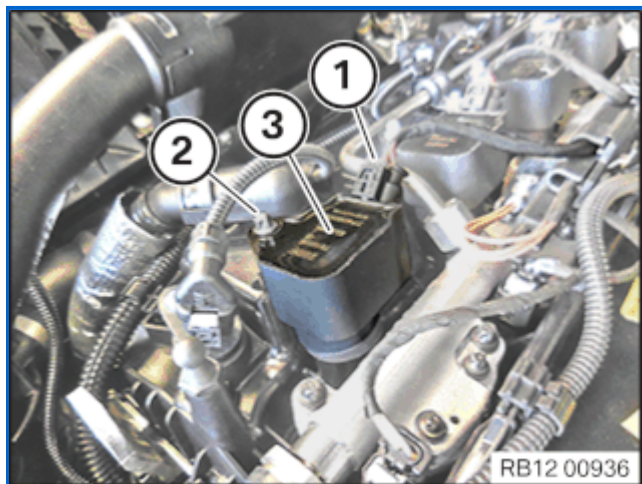


Removal:

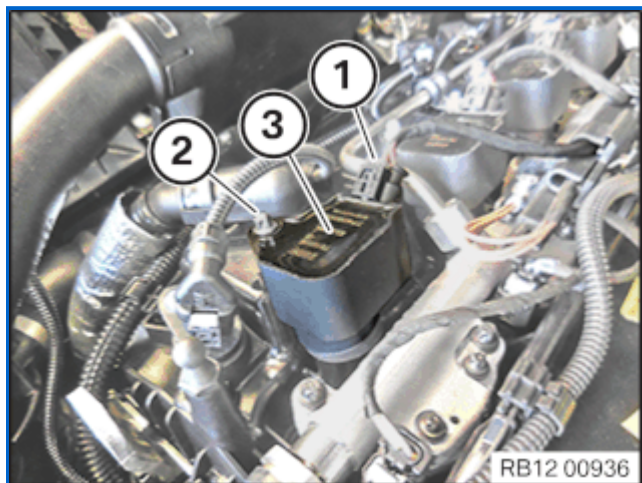
Unlock and disconnect plugs (1).

Release screw (2).

Thread out and remove ignition coil (3).



Installation:



Thread out and install ignition coil (3).

Tighten screw (2).

Tightening torque [12 12 1AZ](#).

Attach and lock connector (1).

Connector (1) must engage audibly.



Required follow-up work:

- Install the [acoustic cover](#), rear.

ISTA system version	4.10.15.15600	Data version	R4.10.15	Programming data	-
VIN	XXXXXXXX	Vehicle	3'/F30/SEDAN/320i/B48/AUTO/ECE/RL/2018/02		
Int.lev.works	-	Int.lev.(cur.)	-	Int.lev.(tar.)	-
Mileage	-				

12 12 011

Remove and install / replace all spark plugs (B48)



Special tools required:

- [12 1 220](#)
- [12 1 230](#)



Necessary preliminary tasks:

- Remove [ignition coils](#).



Important!

Wear safety goggles.
Oil and dirt particles may get into your eyes!

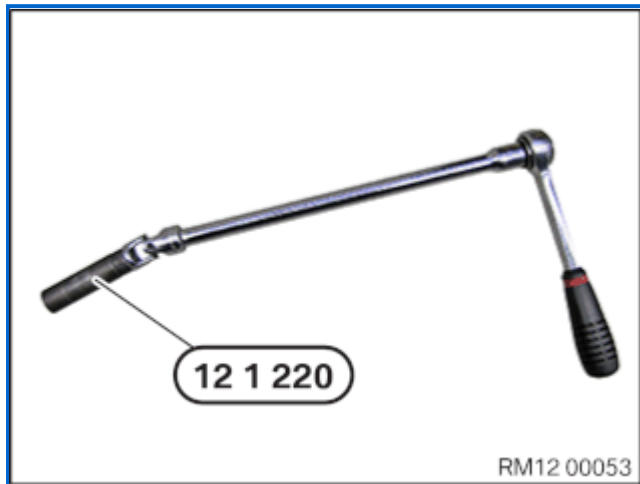
Clean spark plug slot with compressed air.

1. Remove dirt contamination from the spark plug shaft. The plug shaft must be cleaned with compressed air after the ignition coils have been removed but before the spark plugs have been dismantled. After removing the spark plugs, check the sealing surface again for dirt contamination and if necessary, clean with a damp cloth or again with compressed air.
Note: Deposits that are not removed according to instructions may enter the combustion chamber and lead to uncontrolled combustion. Remaining deposits in the area of the spark plug seal can lead to leaks and to the spark plugs coming loose during engine operation.
2. Do not grease/oil thread or use any graphite or copper grease. Adhere to the torque values of the packaging information or regulation.

Note: If these instructions are not followed, especially with regard to greasing, this may result in mechanical damage to the spark plug housing/thread. Spark plugs that are not tightened sufficiently lead to leaks and to the spark plugs coming loose during engine operation.



Removal:



Unscrew spark plugs with special tool [12 1 220](#) and with an extension of at least 8° kink.

Flexible ratchet extensions must always be used. If rigid mounting tools are used, there is a risk of insulator breakages.

Note: Also do not use a variable plug connection with locking capability as this also poses a risk of insulator breakages.

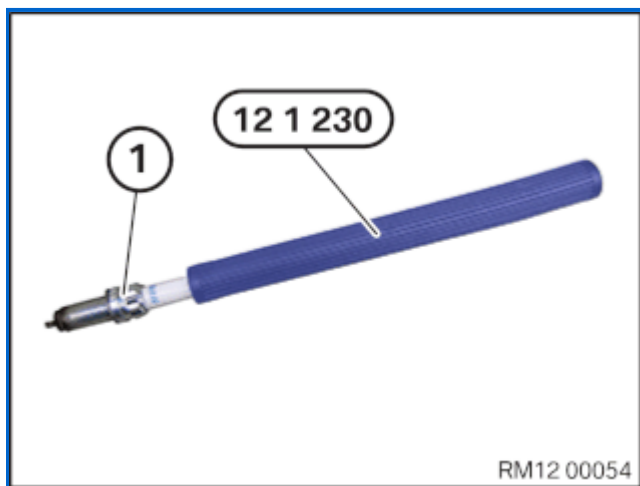


Unscrew spark plugs with special tool [12 1 220](#) and an extension with joint.



Installation:

Insert spark plug (1) into the special tool [12 1 230](#).



Do not let spark plugs fall into the spark plug shaft. This can lead to a reduction of the electrode gap and so impair the smooth running of the engine, especially in idle mode.

First screw in spark plug using special tool [12 1 230](#) in the engine and tighten by hand.

Then tighten spark plug with torque wrench, special tool [12 1 220](#) and extension with joint.



Flexible ratchet extensions must always be used. If rigid mounting tools are used, there is a risk of insulator breakages.

Also do not use a variable plug connection with locking capability as this also poses a risk of insulator breakages.

Tighten spark plug with torque wrench, special tool [12 1 220](#) and extension with joint.

Observe tightening torque.

Tightening torque [12 12 2AZ](#).



Required follow-up work:

- Install [ignition coils](#).