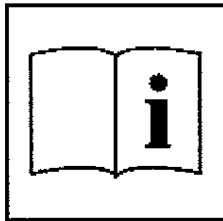
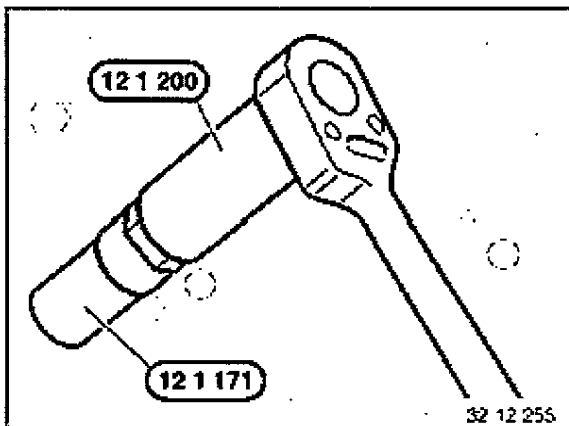
**Special tools required:**

- 12 1 171
- 12 1 200

**Necessary preliminary tasks:**

- Switch off ignition
- Remove ignition coils



Unscrew spark plugs with special tool 12 1 171 .

**Installation:**

Tighten down spark plugs with special tool 12 1 171 and special tool 12 1 200 (torque limiter).

Without special tool 12 1 200 , observe tightening torque.

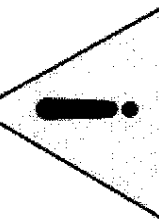
Tightening torque 12 12 1AZ .

# TIS RA Removing and installing/replacing acoustic cover (N52)

11 00

Removing and installing/replacing acoustic cover (N52)

### Important!



#### Aluminium-magnesium materials.

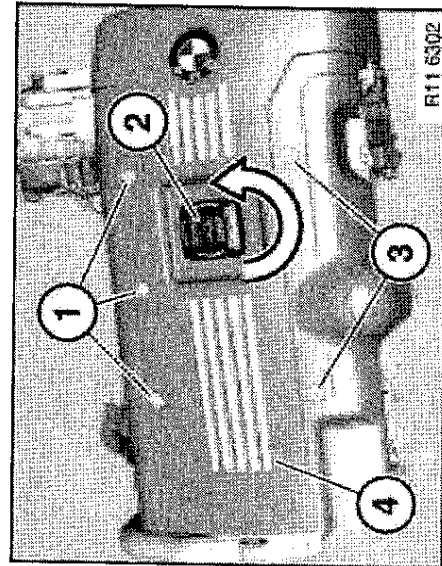
No steel screws/bolts may be used due to the threat of electrochemical corrosion.

A magnesium crankcase requires aluminium screws/bolts exclusively.

Aluminium screws/bolts must be replaced each time they are released.

The end faces of aluminium screws/bolts are painted blue for the purposes of reliable identification.

Jointing torque and angle of rotation must be observed without fail (**risk of damage**).



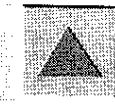
Release screws (1 and 3).

If necessary, release oil cap (2) in direction of arrow.

Lift off acoustic cover (4)

Trace

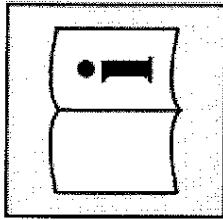
- Start
- Vehicle
- Start
- Document
- Display
- Related
- Display
- Reference



# TIS RA Replacing ignition coils (N52)

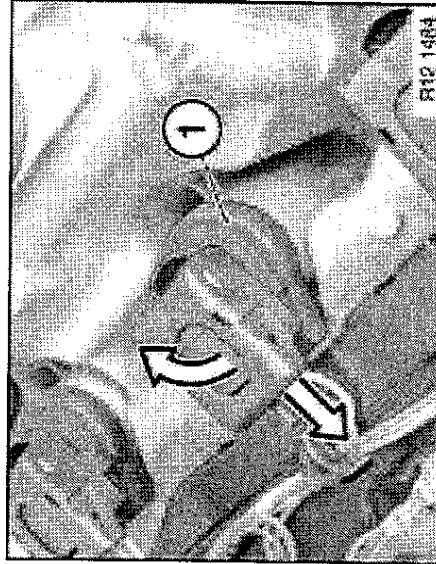
12 13 511

Replacing ignition coils (N52)



*Necessary preliminary tasks:*

- Read out fault memory of DME control unit.
- Check stored fault messages
- Switch off ignition
- Remove acoustic cover



Unlock plug retainer of ignition coil (1) and disconnect plug.  
 Pull ignition coil (1) up and out.  
 This procedure is applicable to all ignition coils.



*Installation:*

Check that rubber seal of ignition coil (1) is correctly seated.

Trace

- Start
- Vehicle
- Start
- Document
- Display
- Related
- Display**
- Reference

VIN:

Series: E60

Model: 530i SAL

Year:

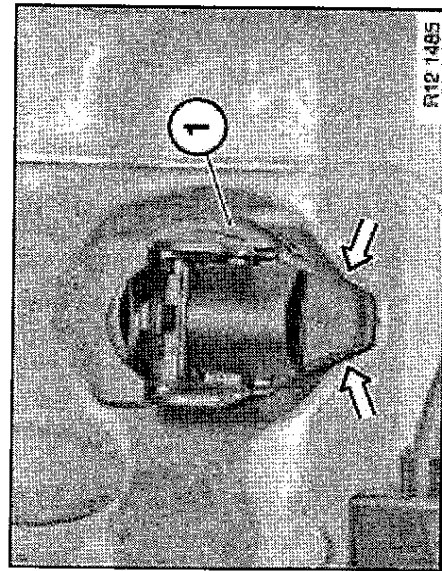
Engine: N52

Gearbox:

Set  
Bookmark

Reference  
Information

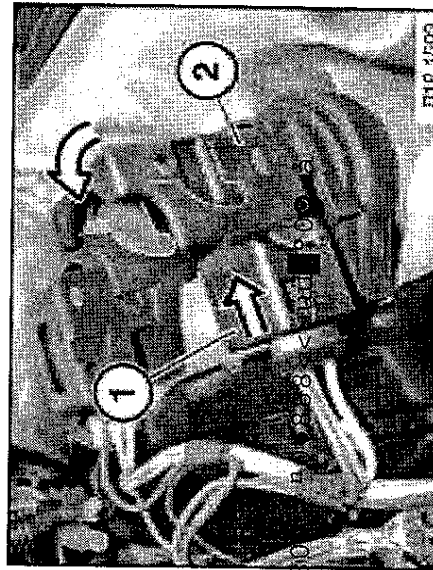
# TIS RA Replacing ignition coils (N52)



R12 1485

*Installation:*

Check that rubber seal of ignition coil (1) is correctly seated.



R16 1502

*Installation:*

Push plug (1) with plug retainer (2) open onto ignition coil. Carefully close plug retainer (2) in direction of arrow.



*Installation:*

The plug retainer must snap into place without great effort.

Trace

- Start
- Vehicle
- Start
- Document
- Display
- Related
- Display**
- Reference

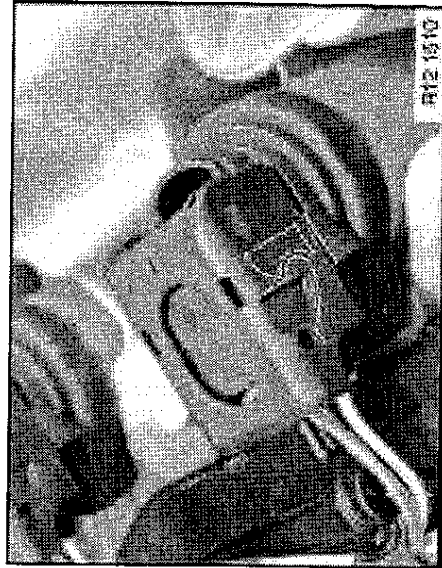


Set  
Bookmark



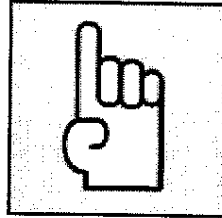
Reference  
Information

# TIS RA Replacing ignition coils (N52)



*Installation:*  
The plug retainer must snap into place without great effort.

*Note:*  
Now clear the fault memory.



Trace

- Start
- Vehicle Start
- Document
- Display
- Related
- DISDEV**
- Reference



Remove Micro Filter and base

