

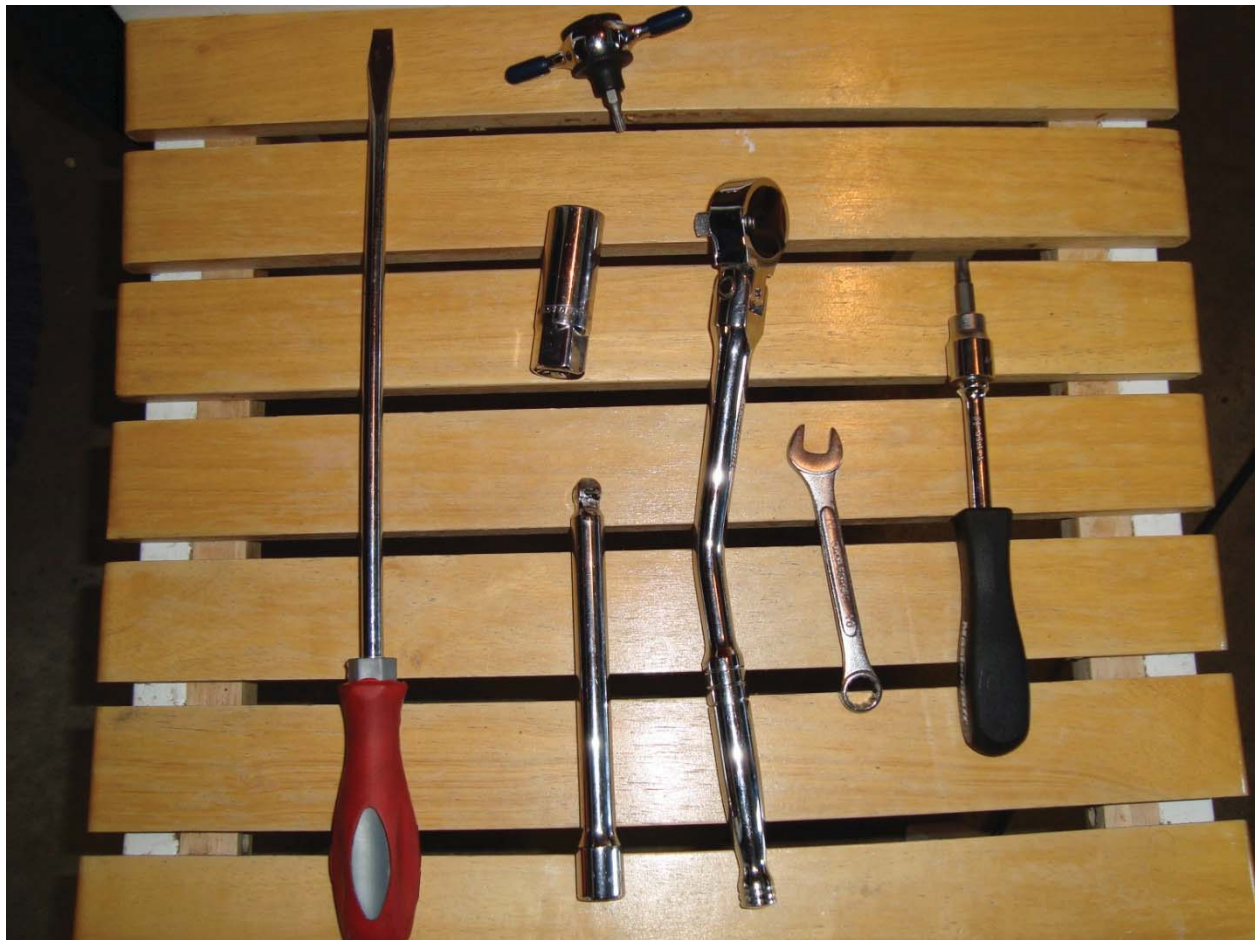
# DIY : How to change / replace the Spark Plug number 4

## For 2004-2005 BMW 545i e60

This is a procedure for the Spark plug number 4 so after this is done you can remove the rest easily.

| Passenger | Driver |
|-----------|--------|
| 4         | 8      |
| 3         | 7      |
| 2         | 6      |
| 1         | 5      |
| Front     |        |

The right tools (Picture #1):



- Large Flat Screwdriver (to help to separate the Sparkplug socket and the torque wrench)

- Screwdriver with Torx (for engine cover)
- Wrench # 10 (For step # )
- Torque Wrench
- Small Torx Screwdriver (Fourth Step)
- Sparkplug socket
- 1/2-in.-Drive 6-in. WOBBLE Extension (with the head FLEXIBLE) (A must have!)

### **First Step**

Disconnect the Negative Pole of the battery (in the trunk)

### **Second Step**

Remove the Engine covers (Picture #2)





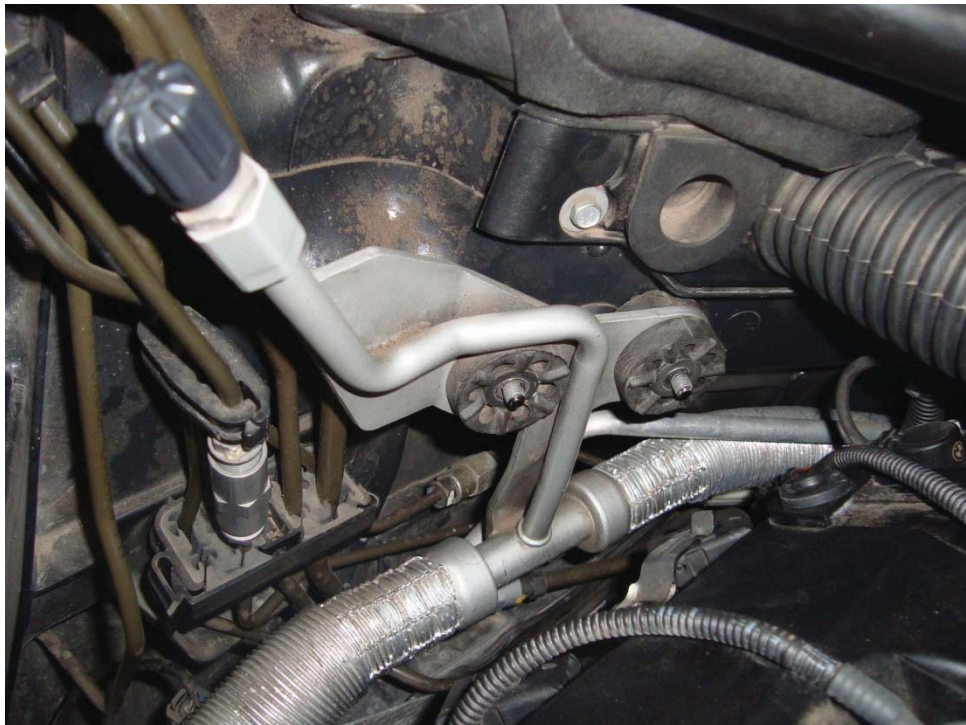
Third Step:

Locate and use the wrench # 10 to remove the 2 screws (see the picture below)



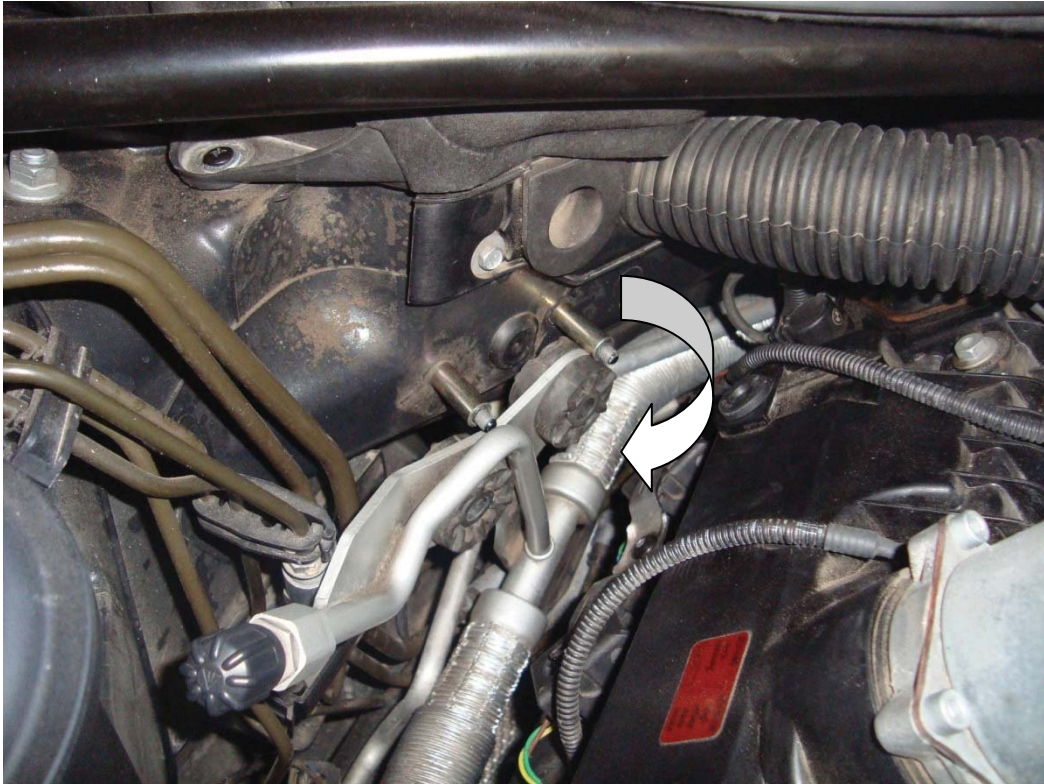


Now push it out slowly (very important!!) (There are 2 rings inside and don't let them fall to the bottom!!)





Push it to down carefully.



**Fourth Step:**

Use a small crossed screwdriver as seen in the picture below. It is hard to use!



Before you do it use a clout /rag (see the pictures below) to avoid the fall. (That is a good idea)



Fifth Step: that is it..... Now you can replace the spark plug #4 easily now.... Just remove the ignition coil.



After this.... You can replace the rest of the spark plugs easily and faster!

**NOTE: Don't forget to connect the battery and put from the third step back after you are done!!**

ENJOY!

Thank you!

Miguex  
e60.net member