



How to change ignition
coil on **MERCEDES-BENZ**
S-Class Saloon (W140) –
replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:

MERCEDES-BENZ S-Class Saloon (W140) S 420 (140.042, 140.043), MERCEDES-BENZ S-Class Saloon (W140) 400 SE, SEL/S420 (140.042, 140.043)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: MERCEDES-BENZ 190 (W201) 2.0 (201.023)

REPLACEMENT: IGNITION COIL – MERCEDES-BENZ S-CLASS SALOON (W140). TOOLS YOU'LL NEED:



- Wire brush
- High-temperature anti-seize lubricant
- Dielectric grease
- Torque wrench
- Combination spanner #10
- Drive socket # 10
- Spark plug socket # 16
- Ratchet wrench
- Phillips screwdriver
- Crow bar
- Fender cover

Buy tools

Replacement: ignition coil – MERCEDES-BENZ S-Class Saloon (W140). Tip from AUTODOC:

- Warning! Shut down the engine before starting any work – MERCEDES-BENZ S-Class Saloon (W140).

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet.

2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

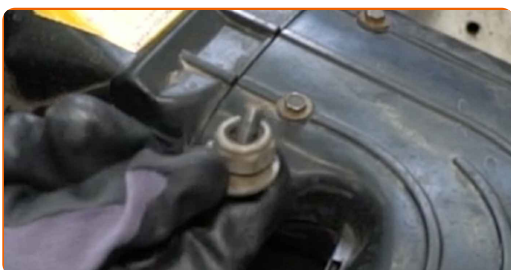
3 Disconnect the earth cable terminal from the battery. Use a combination spanner #10.



4 Unscrew the inlet pipe fasteners. Use a Phillips screwdriver. Use a drive socket #10. Use a ratchet wrench.

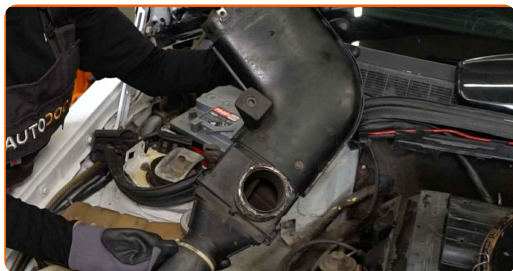


5 Remove the fastening bolts.

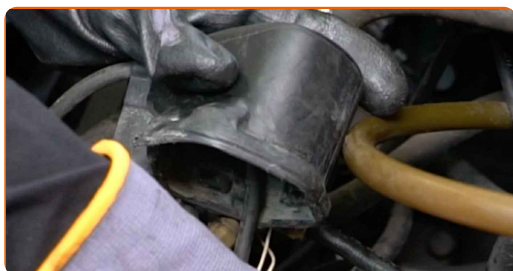


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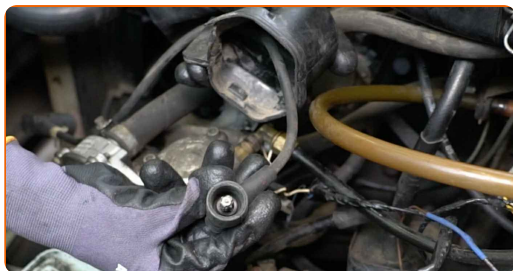
Remove the inlet pipe.

**7**

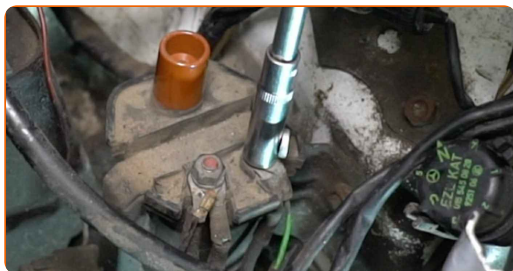
Remove the ignition coil cover.

**8**

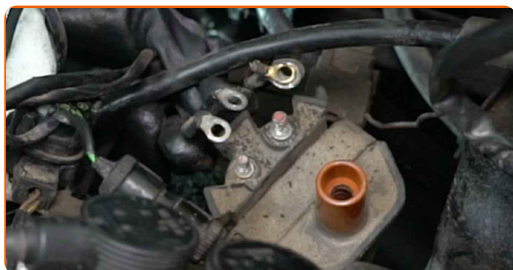
Disconnect the high tension cable from the ignition coil.

**9**

Unscrew the fasteners of the ignition coil terminals. Use a drive socket #10. Use a ratchet wrench.

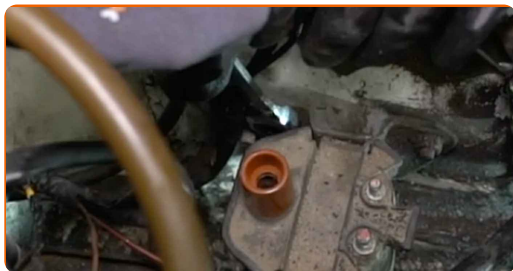
**10**

Disconnect the terminals from the ignition coil.

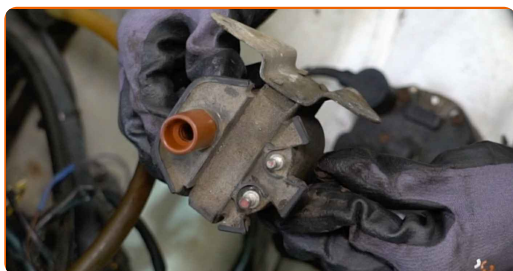


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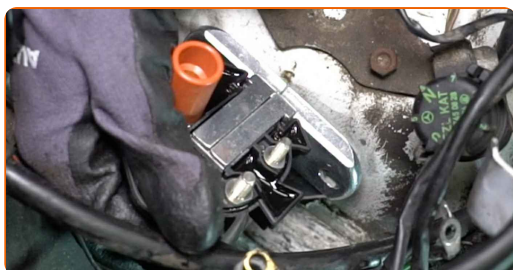
Unscrew the ignition coil fasteners. Use a combination spanner #10.

**12**

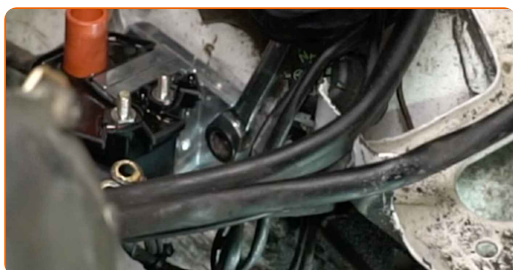
Remove the ignition coil.

**13**

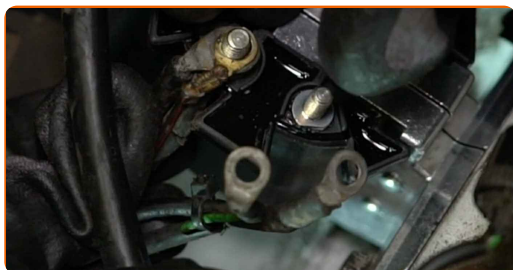
Install a new ignition coil.

**14**

Screw in the ignition coil fasteners. Use a combination spanner #10.

**15**

Connect the terminals to the ignition coil.



16 Treat the ignition coil terminals. Use dielectric grease.



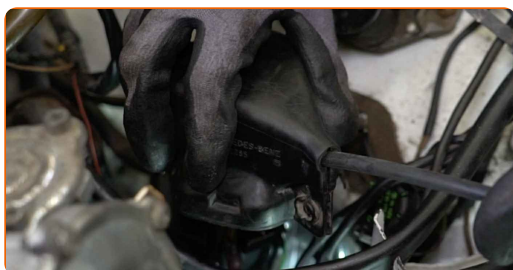
17 Screw in the ignition coil terminals. Use a drive socket #10. Use a ratchet wrench.



18 Connect the high tension cable to the ignition coil.



19 Fit the ignition coil cover.



20 Attach the inlet pipe.



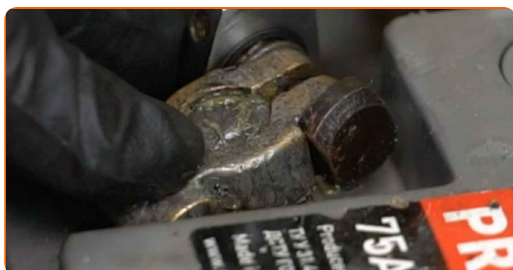
21 Install the fastening bolts.



22 Screw in the inlet pipe fasteners. Use a Phillips screwdriver. Use a drive socket #10. Use a ratchet wrench.



23 Connect the earth cable terminal to the battery.



24 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.

25 Shut off the engine.

26 Remove the fender protection cover.

27 Close the bonnet.

WELL DONE! 

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