



How to change left
engine mounts on
**MERCEDES-BENZ S-
Class Saloon (W221)** –
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 (W221) S 500 (221.071, 221.171), MERCEDES-BENZ S-Class Saloon (W221) S 450 (221.070, 221.170), MERCEDES-BENZ S-Class Saloon (W221) S 420 CDI (221.028, 221.128)

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 E-Class Saloon (W210) E 270 CDI (210.016)

REPLACEMENT: ENGINE MOUNTS – MERCEDES-BENZ
S-CLASS SALOON (W221). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- All-purpose cleaning spray
- Torque wrench
- Drive socket # 13
- Drive socket # 16
- Ratchet wrench
- Telescoping magnet
- Hydraulic transmission jack
- Fender cover

Buy tools

Replacement: engine mounts – MERCEDES-BENZ S-Class Saloon (W221).
AUTODOC recommends:

- All work should be done with the engine stopped.

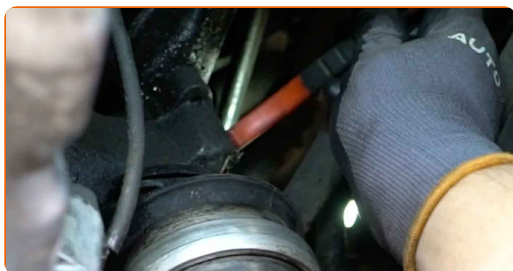
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet.

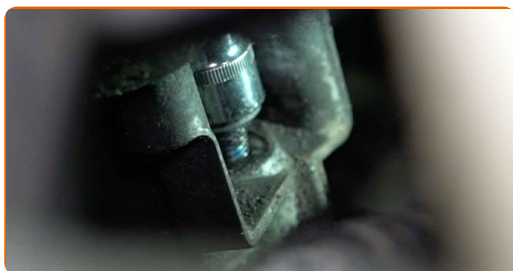
2 Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3 Lift the car using a jack or place it over an inspection pit.

4 Clean the engine mount fasteners. Use a wire brush. Use WD-40 spray.



5 Unscrew the upper fastener of the engine mount. Use a drive socket #16. Use a ratchet wrench.



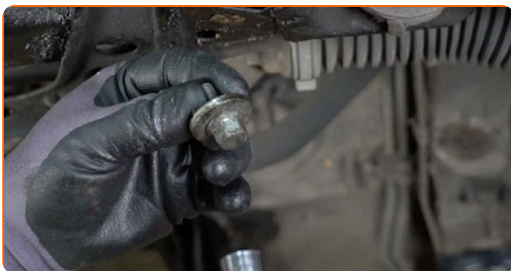
6 Remove the fastening bolt. Use a telescoping magnet.



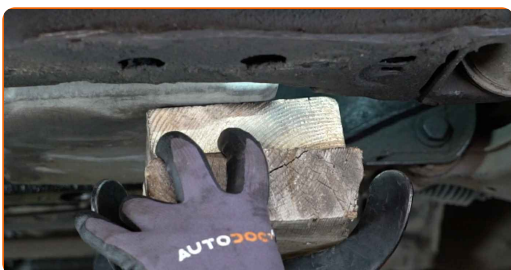
7 Unscrew the lower fastener of the engine mount. Use a drive socket #13. Use a ratchet wrench.



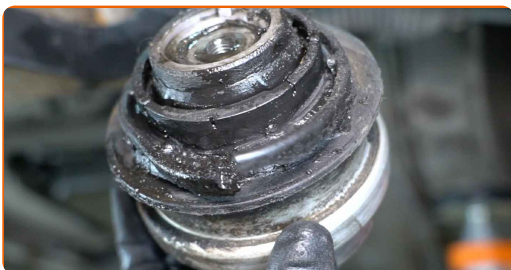
8 Remove the fastening bolt.



9 Support the engine in the oil pan area. Use a hydraulic transmission jack.



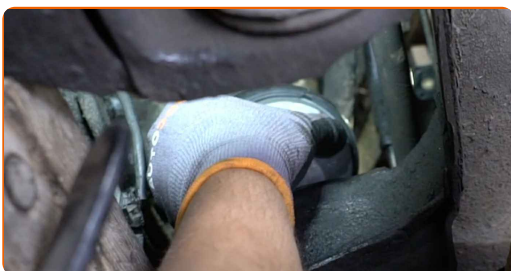
10 Remove the engine mount.



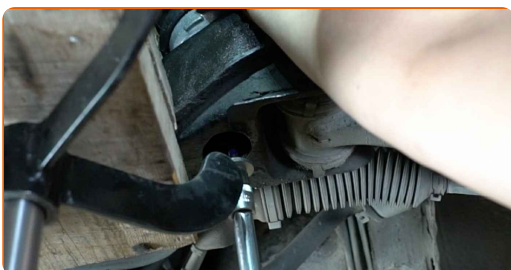
11 Clean the mounting seat of the engine mount. Use a wire brush. Use all-purpose cleaning spray.



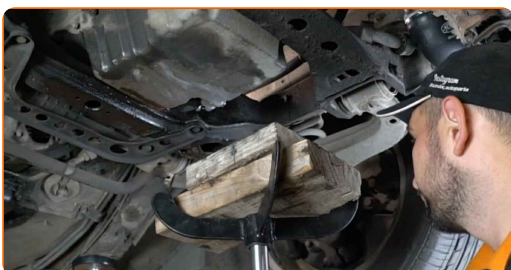
12 Install a new engine mount.



13 Install the fastening bolt.



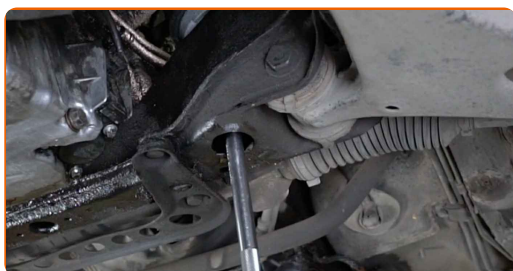
14 Remove the support from under the engine.



Replacement: engine mounts – MERCEDES-BENZ S-Class Saloon (W221).
Professionals recommend:

- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

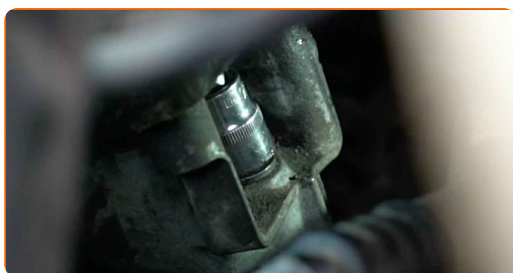
- 15** Tighten the lower fastener of the engine mount. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.



- 16** Lower the car.

- 17** Install the fastening bolt.

- 18** Tighten the upper fastener of the engine mount. Use a drive socket #16. Use a torque wrench. Tighten it to 55 Nm torque.



- 19** Remove the fender protection cover.

- 20** Close the bonnet.

WELL DONE! 

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ENGINE MOUNTS: A WIDE SELECTION

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