



How to change spark
plugs on **MAZDA 323S IV**
Saloon (BG) –
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:

MAZDA 323S IV Saloon (BG) 1.6

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: AUDI A4 Saloon (8E2, B6) 1.8 T quattro

REPLACEMENT: SPARK PLUGS – MAZDA 323S IV
SALOON (BG). TOOLS YOU MIGHT NEED:



- Electronic spray
- High-temperature anti-seize lubricant
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Fender cover

Buy tools

Replacement: spark plugs – MAZDA 323S IV Saloon (BG). Tip from AUTODOC:

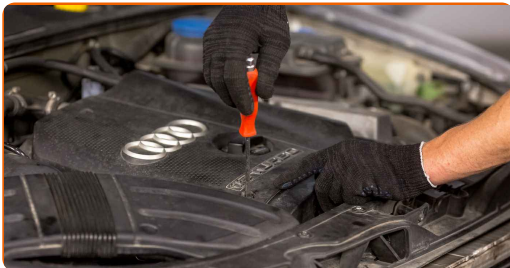
- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

**REPLACEMENT: SPARK PLUGS – MAZDA 323S IV SALOON (BG).
RECOMMENDED SEQUENCE OF STEPS:**

1 Open the bonnet.

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

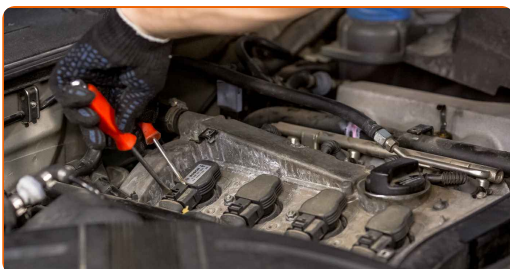
3 Unscrew the engine cover fastener. Use a flat screwdriver.



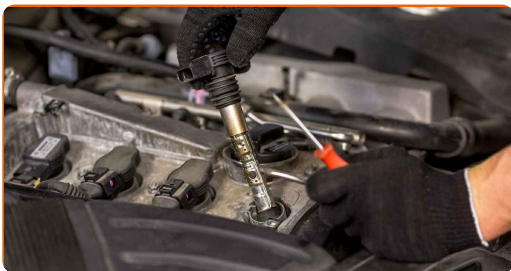
4 Remove the engine cover.



5 Unplug the connectors from the ignition coils. Use a flat screwdriver.



6 Take out the ignition coils from the spark plug wells.

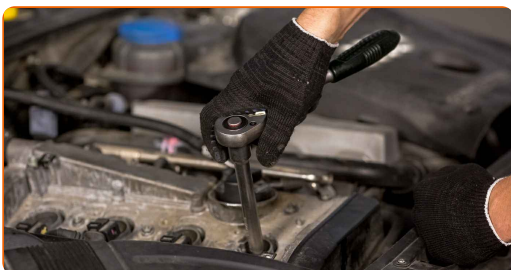


Replacement: spark plugs – MAZDA 323S IV Saloon (BG). Tip from AUTODOC experts:

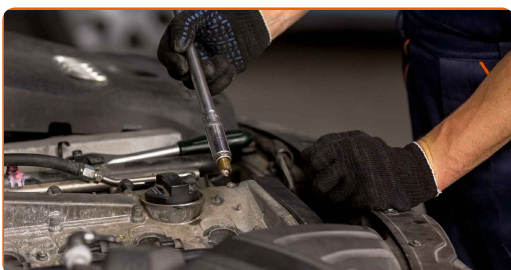
- Remember the sequence of steps for ignition coil demounting.

7 Clean dirt, dust and debris from inside the spark plug wells.

8 Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.

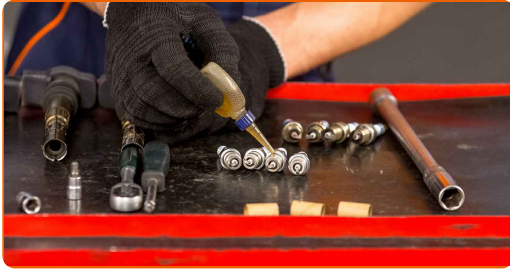


9 Take out the spark plugs.



10

Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



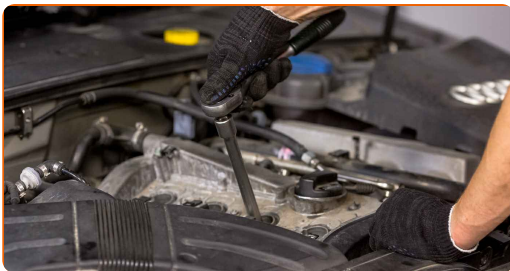
11

Install the new spark plugs into their mounting seats. Use the spark plug socket #16.



12

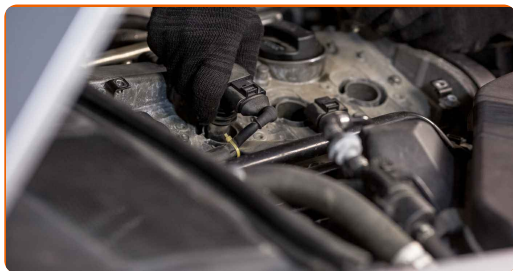
Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 27 nm torque.



Replacement: spark plugs – MAZDA 323S IV Saloon (BG). AUTODOC recommends:

- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.

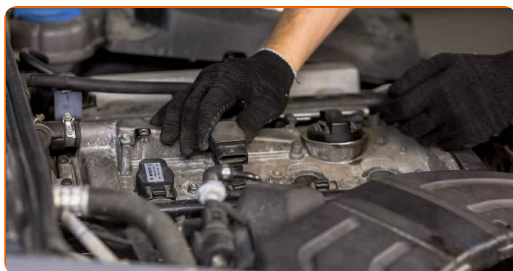
13 Install the ignition coils to the spark plug wells. Make sure you hear a click indicating that it is locked in place.



Replacement: spark plugs – MAZDA 323S IV Saloon (BG). Tip from AUTODOC experts:

- Follow the installation sequence.

14 Treat the ignition coil connector with electronic spray. The spray will protect the electrical contacts from corrosion, oxidation, and will reduce the contact resistance.



15 Plug in the connectors of the ignition coils.



16

Install the engine cover and secure it.



17

Screw in the engine cover fasteners. Use a flat screwdriver.



Replacement: spark plugs – MAZDA 323S IV Saloon (BG). Tip:

- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners.
- Caution! Do not use excessive force during installation. This may damage the fasteners of the car. MAZDA 323S IV Saloon (BG)

18

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

19

Shut off the engine.

20

Remove the fender protection cover.

21

Close the hood.

WELL DONE! 

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SPARK PLUGS: A WIDE SELECTION

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