



How to change spark
plugs on **FIAT 500**
Hatchback (312) –
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:

FIAT 500 Hatchback (312) 1.2, FIAT 500 Hatchback (312) 1.4

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: FIAT PANDA (169) 1.2

REPLACEMENT: SPARK PLUGS – FIAT 500
HATCHBACK (312). TOOLS YOU NEED:



- High-temperature anti-seize lubricant
- Torque wrench
- Drive socket # 10
- Spark plug socket # 16
- Ratchet wrench
- Pincers
- Microfibre towel
- Fender cover

Buy tools

Replacement: spark plugs – FIAT 500 Hatchback (312). AUTODOC recommends:

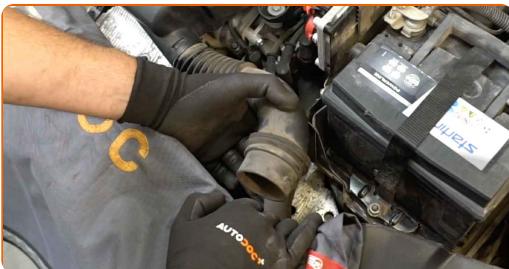
- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

REPLACEMENT: SPARK PLUGS – FIAT 500 HATCHBACK (312). RECOMMENDED SEQUENCE OF STEPS:

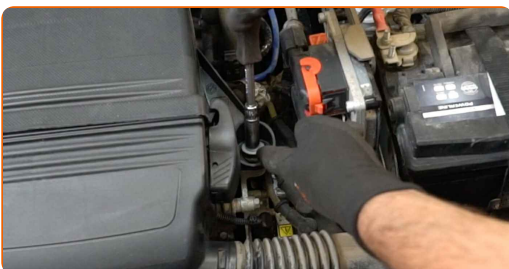
1 Open the hood.

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

3 Disconnect the air intake pipe from the air filter housing.



4 Undo the fastening screws of the air filter cover. Use a drive socket #10. Use a ratchet wrench.



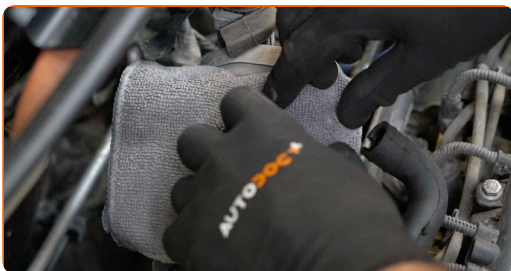
5 Release the air filter cover clips.



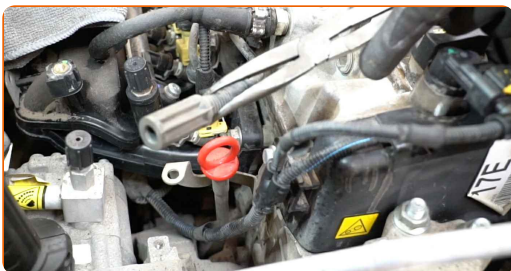
6 Remove the air filter housing.



7 Cover the throttle body with a microfibre towel to prevent dust and dirt from getting into the system.



8 Remove the spark plug wire connectors from the spark plug wells. Use pincers.

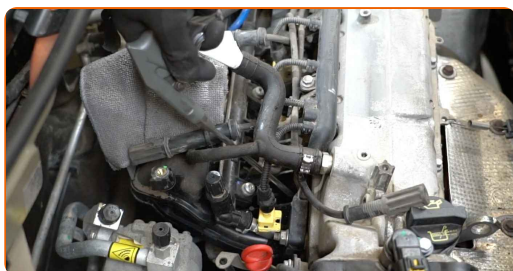


Replacement: spark plugs – FIAT 500 Hatchback (312). AUTODOC experts recommend:

- Be careful to avoid damaging spark plug wires.
- Remember the sequence of the spark plug wires connectors.

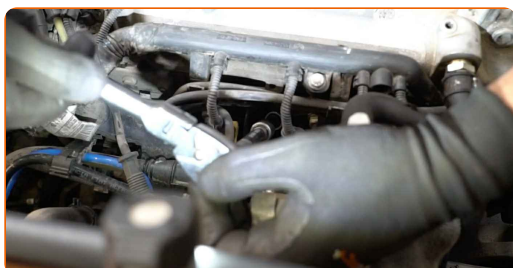
9

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



10

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



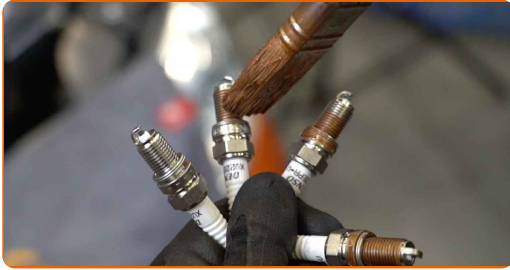
11

Take out the spark plugs.



12

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



13

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



14

Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 25 nm torque.

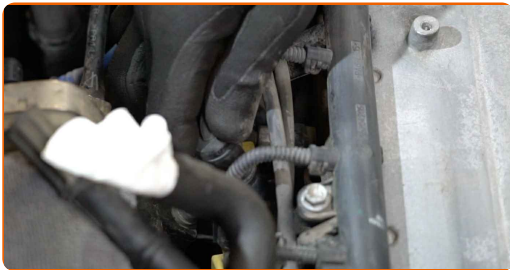


Replacement: spark plugs – FIAT 500 Hatchback (312). AUTODOC recommends:

- 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.

15

Install the spark plug wire connectors into the spark plug wells. Make sure you hear a click indicating that it is locked in place.

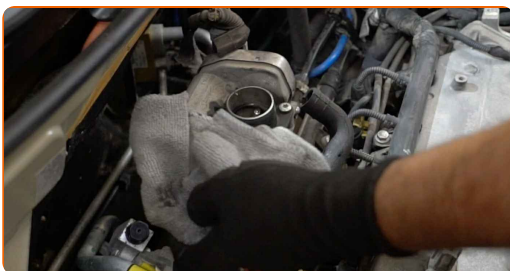


Replacement: spark plugs – FIAT 500 Hatchback (312). Professionals recommend:

- Follow the installation sequence.

16

Remove the microfibre towel from the throttle body.



17

Reinstall the air filter housing.

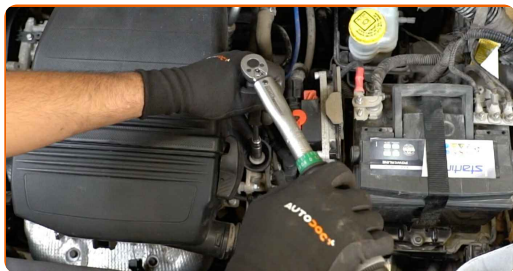


AUTODOC recommends:

- Make sure the air filter body is properly seated. It should not be displaced with respect to the air intake hose of the throttle body and the guiding fasteners.

18

Screw in the fastening screws of the air filter cover. Use a drive socket #10. Use a ratchet wrench.



19

Press the air filter cover clips into place.



20

Connect the air intake pipe to the air filter housing.



21

Remove the fender protection cover.

22

Close the hood.

23

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

24

Shut off the engine.

WELL DONE! 

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SPARK PLUGS: A WIDE SELECTION

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