



How to change spark
plugs on **SEAT Altea**
(5P1) – 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:
SEAT Altea (5P1) 1.6, SEAT Altea (5P1) 1.6 LPG

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: SEAT Ibiza III Hatchback (6L) 1.4 16V

REPLACEMENT: SPARK PLUGS – SEAT ALTEA (5P1).
LIST OF THE TOOLS YOU'LL NEED:



- Electronic spray
- Copper grease
- Torque wrench
- Drive socket # 10
- Spark plug socket # 16
- Ratchet wrench
- Flat Screwdriver
- Crow bar
- Microfibre towel
- Fender cover

Buy tools

Replacement: spark plugs – SEAT Altea (5P1). Tip from AUTODOC experts:

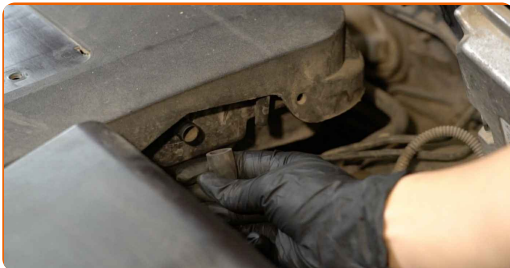
- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

REPLACEMENT: SPARK PLUGS – SEAT ALTEA (5P1). USE THE FOLLOWING PROCEDURE:

1 Open the bonnet.

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

3 On the right side, detach the PCV valve hose from the engine cover.



4 Remove the engine cover assembled with the air filter housing.

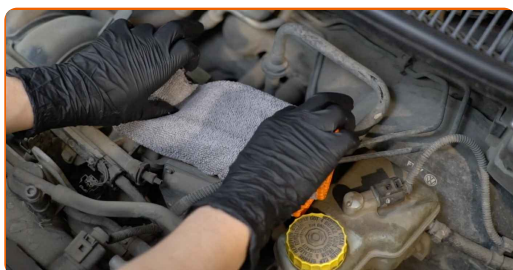


AUTODOC recommends:

- Replacement: spark plugs – SEAT Altea (5P1). Do not use excessive force when removing the part as this may damage it.

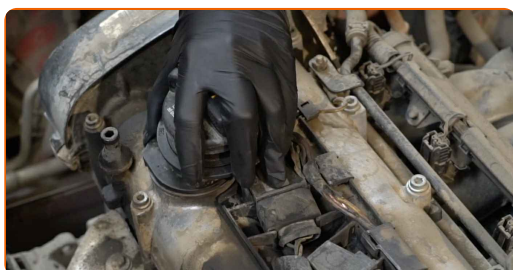
5

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



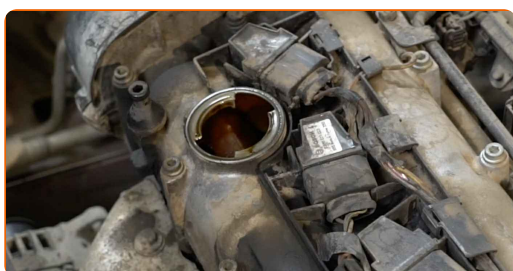
6

Unscrew the oil filler neck.



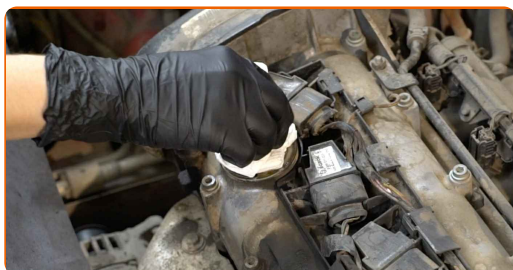
7

Remove the oil filler neck.



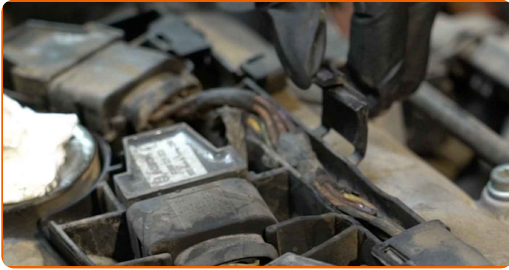
8

Cover the oil filler opening with a microfibre towel to prevent dirt and foreign objects from getting into the system.



9

Undo the plastic locking tabs of the ignition coil connector. Use a flat screwdriver.



10

Unscrew the fastener of the chassis (ground) terminal of the ignition coils. Use a drive socket #10. Use a ratchet wrench.



11

Take out the ignition coil from the spark plug well. Use a crowbar.



Replacement: spark plugs – SEAT Altea (5P1). Tip from AUTODOC:

- Remember the sequence of steps for ignition coil demounting.

12 Unplug the connectors from the ignition coils.



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



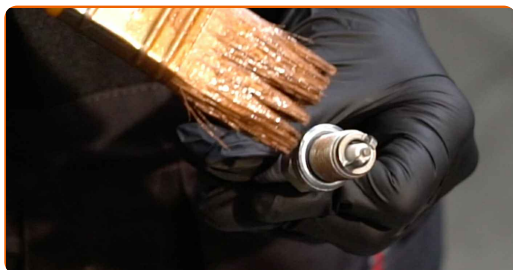
14 Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.



15 Take out the spark plugs. Use the spark plug socket #16.

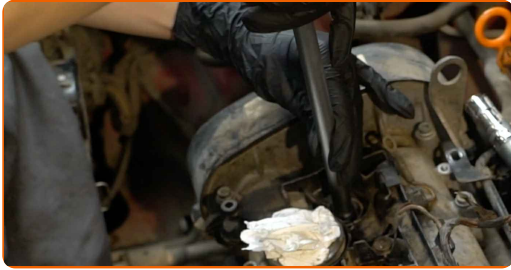


16 Apply a thin layer of special grease on the thread surface of new spark plugs. Use copper grease.



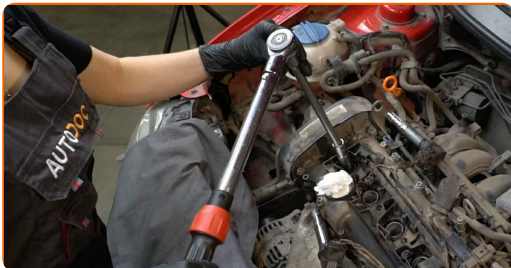
17

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



18

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 – SEAT Altea (5P1). AUTODOC experts recommend:

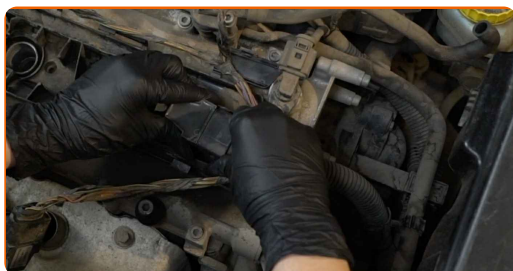
- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.

19

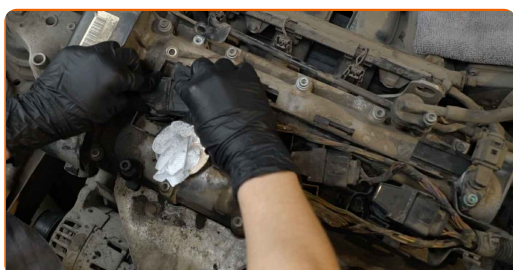
Treat the ignition coil connector with electronic spray. The spray will protect the electrical contacts from corrosion, oxidation, and will reduce the contact resistance.



20 Plug in the connectors of the ignition coils.



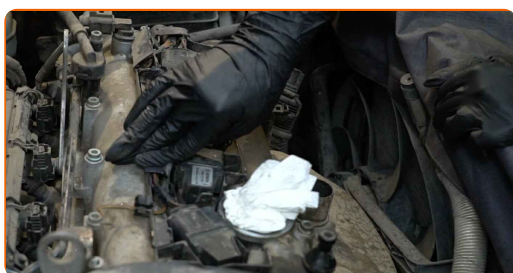
21 Install the ignition coils to the spark plug wells. Make sure you hear a click indicating that it is locked in place.



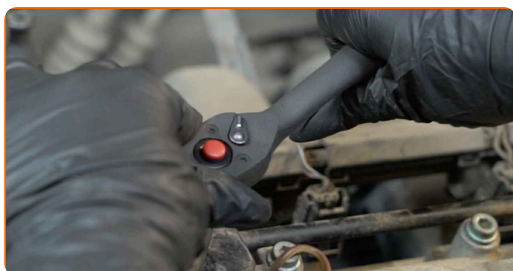
AUTODOC recommends:

- Replacement: spark plugs – SEAT Altea (5P1). Follow the installation steps.

22 Lock the connector.

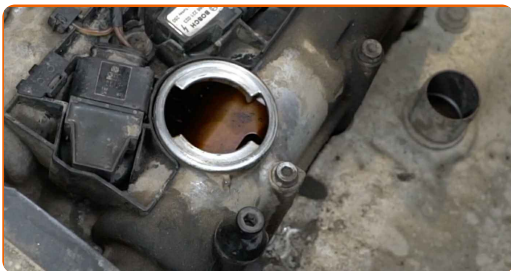


23 Tighten the chassis (ground) terminal of the ignition coils. Use a drive socket #10. Use a ratchet wrench.



24

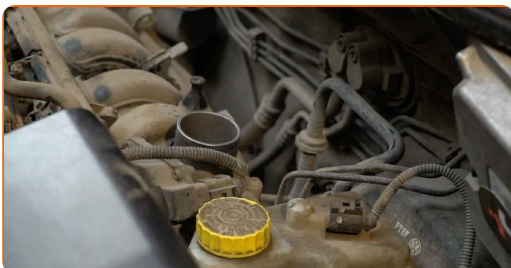
Remove the microfibre towel from the oil filler opening.

**25**

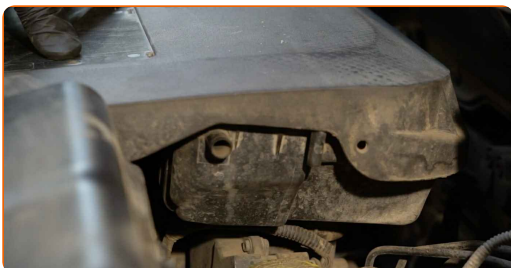
Install the oil filler neck. Screw in the oil filler neck.

**26**

Remove the microfibre towel from the throttle body.

**27**

Install the engine cover and secure it.



Replacement: spark plugs – SEAT Altea (5P1). Professionals recommend:

- Do not apply excessive force when installing the part. Otherwise you may damage the fasteners.
- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners and the throttle body air intake hose.

28

On the right side, attach the PCV valve hose to the engine cover.

**29**

Remove the fender protection cover.

30

Close the hood.

31

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

32

Shut off the engine.

WELL DONE! 

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SPARK PLUGS: A WIDE SELECTION

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