



VIDEO TUTORIAL

Important!

This replacement procedure can be used for:

ALFA ROMEO 159 (939_) 2.2 JTS (939AXB1B, 939AXB11), ALFA ROMEO 159 Sportwagon (939_) 2.2 JTS (939BXB1B, 939BXB11), ALFA ROMEO BRERA (939_) 2.2 JTS (939.DXB11), ALFA ROMEO SPIDER (939_) 2.2 JTS (939EXB1B, 939EXB11)

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:



- Electronic spray
- High-temperature anti-seize lubricant
- Drive socket # 8
- Drive socket # 10
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Fender cover

AUTODOC recommends:

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

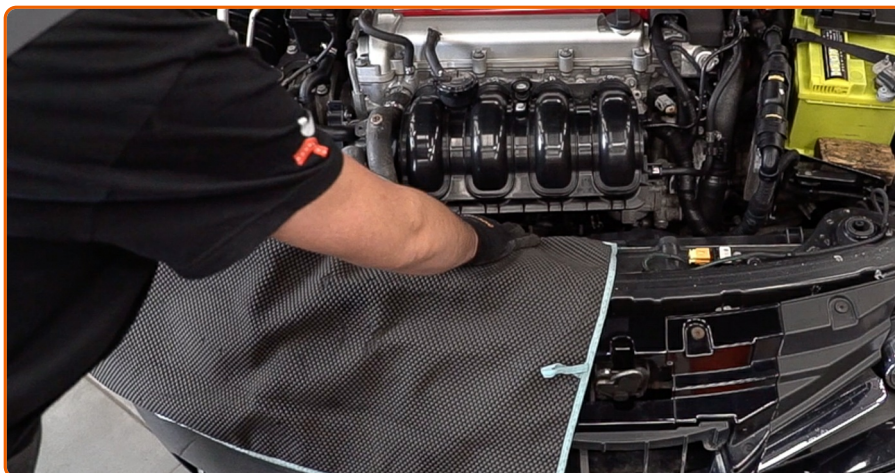
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Open the hood.

2



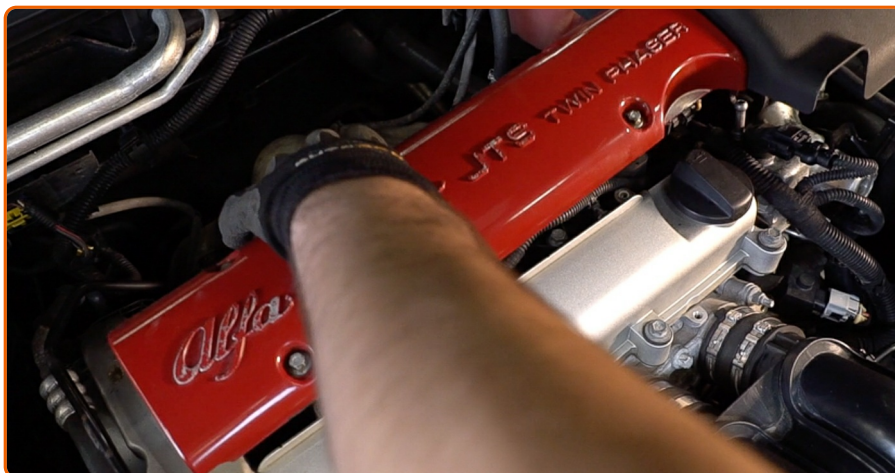
Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.

3



Undo the engine cover screws (4 pieces). Use a drive socket #8. Use a ratchet wrench.

4



Remove the engine cover.

5



Detach the connector from the ignition coil. Use a flat screwdriver.

6



Unscrew the ignition coil bracket. Use a drive socket #10. Use a ratchet wrench.

7



Take out the ignition coil from the spark plug well.

8

Clean dirt, dust and debris from inside the spark plug wells. Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.

9



Take out the spark plugs.

10



Install the new spark plugs into their mounting seats.

11

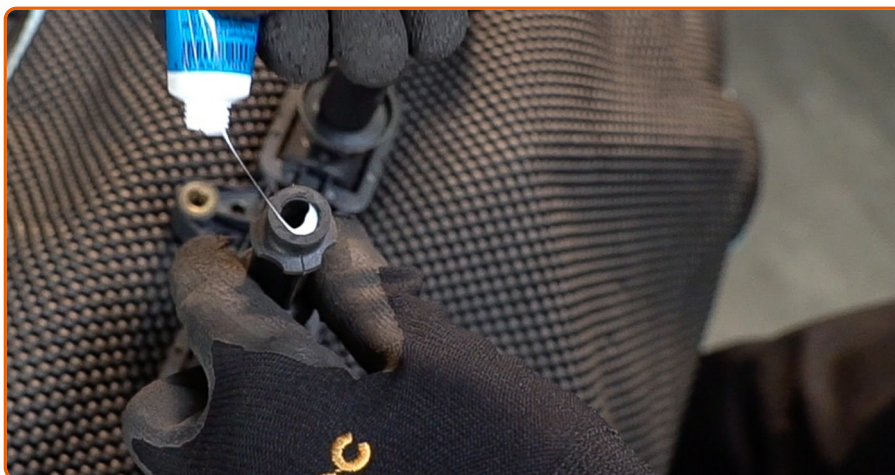


Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 24 nm torque.

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.

12



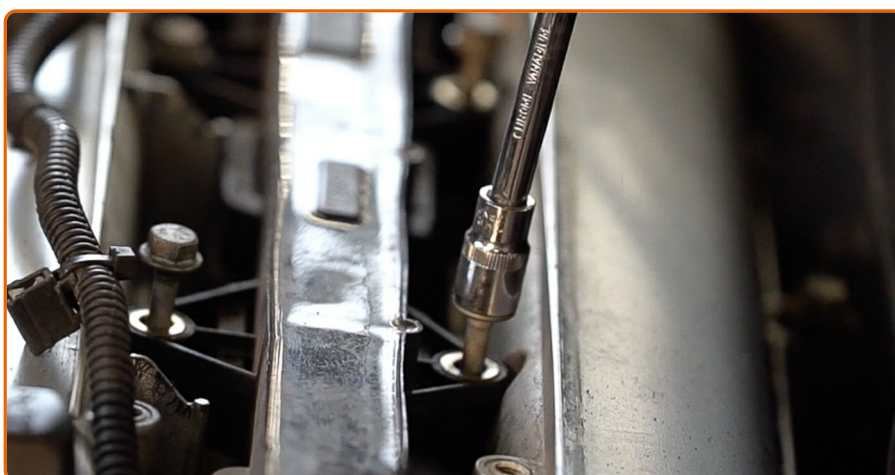
Treat the mounting seats of the spark plugs on the ignition coil. Use high-temperature grease.

13



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

14



Tighten the ignition coil fastening. Use a drive socket #10. Use a torque wrench. Tighten it to 8 nm torque.

15



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

16



Plug in the ignition coil connector.

17



Install the engine cover and secure it. Use a drive socket #8. Use a ratchet wrench.

AUTODOC recommends:

- 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.

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.

**DID YOU FIND THESE INSTRUCTIONS
HELPFUL?**

YES

NO



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