



How to change spark
plugs on **SUZUKI SX4**
(EY, GY) – 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:
SUZUKI SX4 (EY, GY) 1.5 (RW 415)

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: SUZUKI SWIFT III (MZ, EZ) 1.5 (RS 415)

REPLACEMENT: SPARK PLUGS – SUZUKI SX4 (EY, GY).
 TOOLS YOU MIGHT NEED:



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

Buy tools

Replacement: spark plugs – SUZUKI SX4 (EY, GY). AUTODOC experts recommend:

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

REPLACEMENT: SPARK PLUGS – SUZUKI SX4 (EY, GY). USE THE FOLLOWING PROCEDURE:

1 Open the hood.

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

3 Release the air filter cover clips. Use a flat screwdriver.



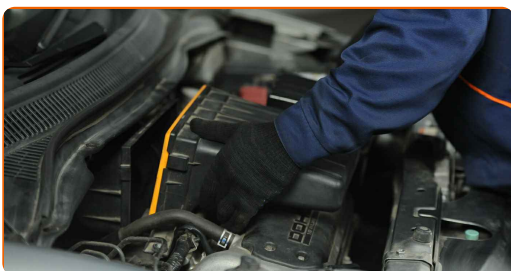
4 Unscrew the air filter housing fastener. Use a drive socket #10. Use a ratchet wrench.



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



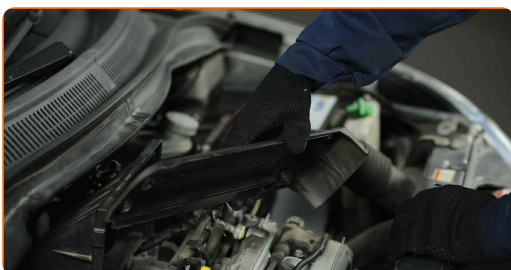
6 Remove the air filter housing.



7 Unscrew the engine cover fastener. Use a drive socket #8. Use a ratchet wrench.



8 Remove the engine cover.

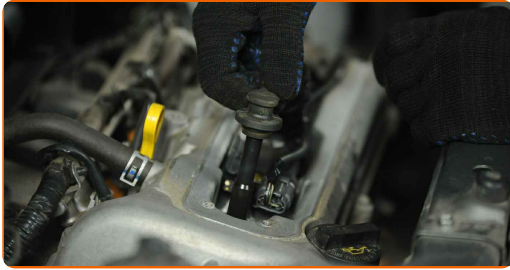


AUTODOC recommends:

- Replacement: spark plugs – SUZUKI SX4 (EY, GY). Do not use excessive force when removing the part as this may damage it.

9

Remove the spark plug wire connectors from the spark plug wells. Use a flat screwdriver.



Replacement: spark plugs – SUZUKI SX4 (EY, GY). Tip from AUTODOC experts:

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

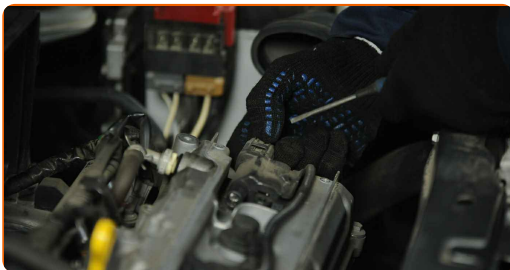
10

Unscrew the fasteners of the ignition coils. Use a drive socket #10. Use a ratchet wrench.

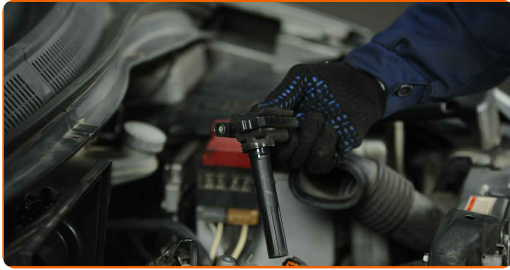


11

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



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



Replacement: spark plugs – SUZUKI SX4 (EY, GY). AUTODOC recommends:

- Remember the sequence of steps for ignition coil demounting.

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



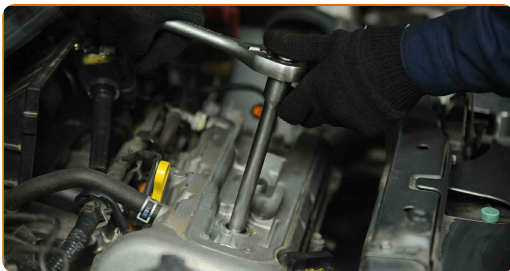
17

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 – SUZUKI SX4 (EY, GY). Professionals 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

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

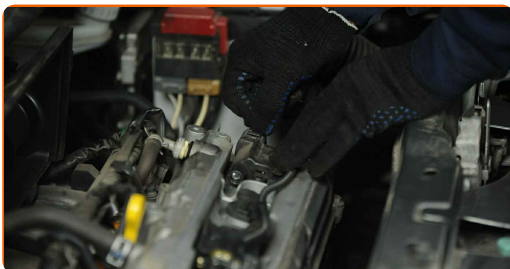


Replacement: spark plugs – SUZUKI SX4 (EY, GY). Tip from AUTODOC:

- Follow the installation sequence.

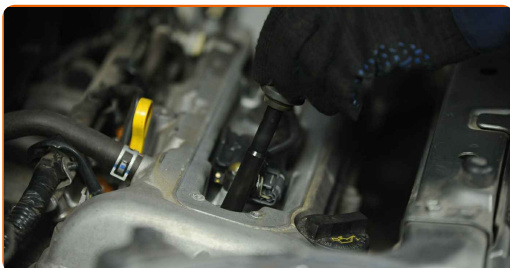
20

Plug in the connectors of the ignition coils.



21

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 – SUZUKI SX4 (EY, GY). Tip:

- Follow the installation sequence.

22

Tighten the fasteners of the ignition coils. Use a drive socket #10. Use a ratchet wrench.



23

Install the engine cover and secure it.



Replacement: spark plugs – SUZUKI SX4 (EY, GY). AUTODOC recommends:

- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners.
- Replacement: spark plugs – SUZUKI SX4 (EY, GY). Do not use excessive force during installation. This may damage the fasteners.

24

Screw in the engine cover fasteners. Use a drive socket #8. Use a ratchet wrench.



25 Reinstall the air filter housing.



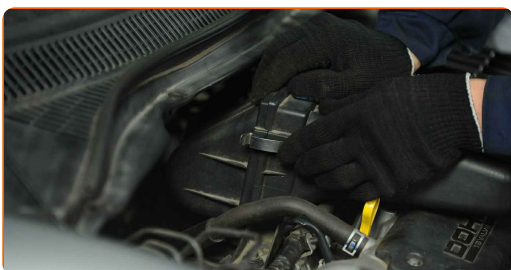
26 Connect the air intake pipe to the air filter housing.



27 Screw the filter housing fastening bolts. Use a drive socket #10. Use a ratchet wrench.



28 Press the air filter cover clips into place.



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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