



How to change spark
plugs on **SUZUKI JIMNY**
(FJ) – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

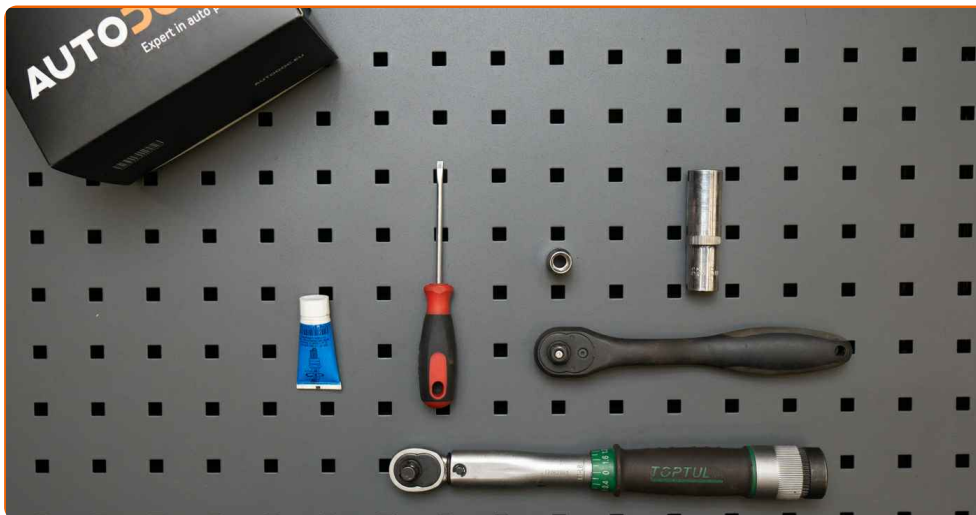
Important!

This replacement procedure can be used for:
SUZUKI JIMNY (FJ) 1.3 16V 4x4 (SN413)

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 JIMNY (FJ).
 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 JIMNY (FJ). 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 JIMNY (FJ). 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.



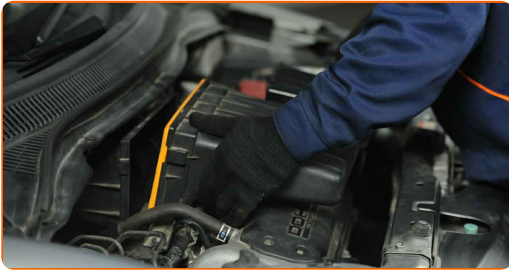
4 Unscrew the air filter housing fastener. Use a drive socket #10. Use a ratchet wrench.



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



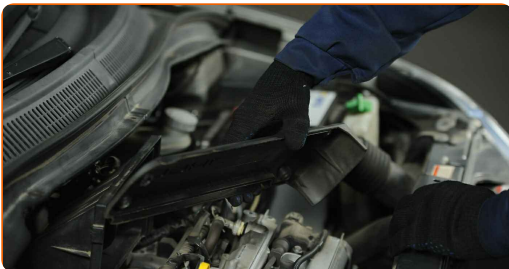
6 Remove the air filter housing.



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



8 Remove the engine cover.

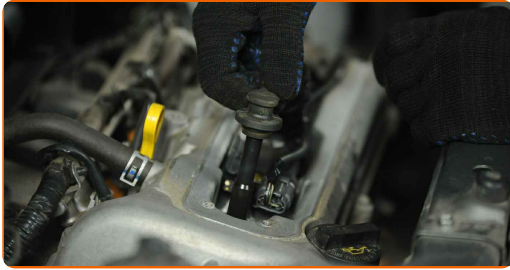


AUTODOC recommends:

- Replacement: spark plugs – SUZUKI JIMNY (FJ). 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 JIMNY (FJ). Tip from AUTODOC experts:

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

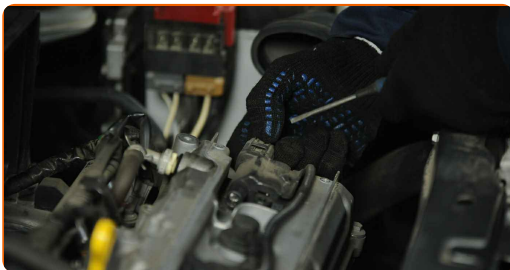
10

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 JIMNY (FJ). 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.



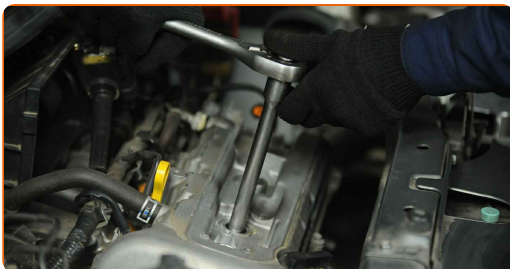
17

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 JIMNY (FJ). 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.

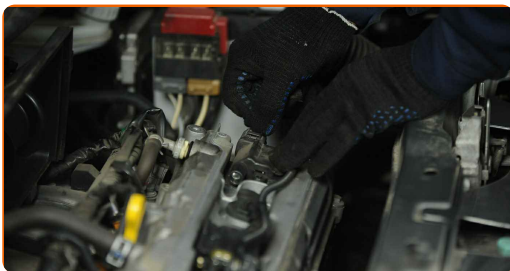


Replacement: spark plugs – SUZUKI JIMNY (FJ). Tip from AUTODOC:

- Follow the installation sequence.

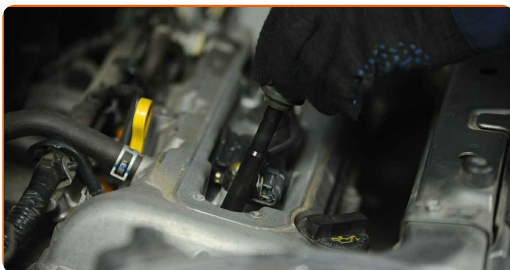
20

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 JIMNY (FJ). 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 JIMNY (FJ). AUTODOC recommends:

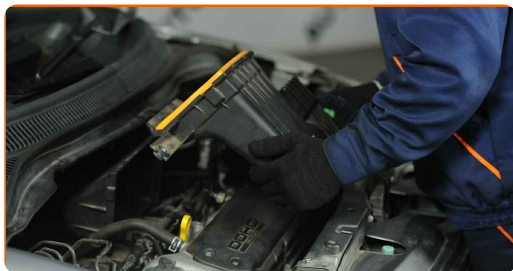
- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners.
- Replacement: spark plugs – SUZUKI JIMNY (FJ). Do not use excessive force during installation. This may damage the fasteners.

24

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



25 Reinstall the air filter housing.



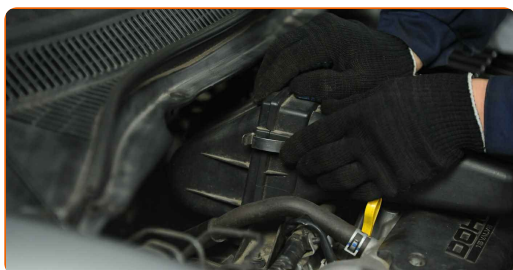
26 Connect the air intake pipe to the air filter housing.



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! 

VIEW MORE TUTORIALS

AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING



+ AUTODOC

GET IT ON
Google Play

 Download on the
App Store

Download

A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR

SPARK PLUGS: A WIDE SELECTION

DISCLAIMER:

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2023 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC SE.