



How to change spark
plugs on **FIAT DUCATO**
Bus (244, Z_) –
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 DUCATO Bus (244, Z_) 2.0, FIAT DUCATO Bus (244, Z_) 2.0 Bipower, FIAT DUCATO Bus (244, Z_) 2.0 4x4, FIAT DUCATO Bus (244, Z_) 2.0 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: FIAT PUNTO (188) 1.2 60

REPLACEMENT: SPARK PLUGS – FIAT DUCATO BUS (244, Z_). LIST OF THE TOOLS YOU'LL NEED:



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

Buy tools

Replacement: spark plugs – FIAT DUCATO Bus (244, Z_). Tip from AUTODOC:

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

REPLACEMENT: SPARK PLUGS – FIAT DUCATO BUS (244, Z_). TAKE THE FOLLOWING STEPS:

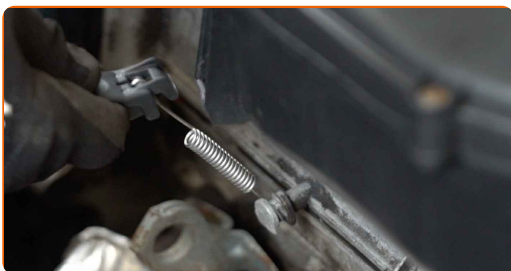
1 Open the hood.

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

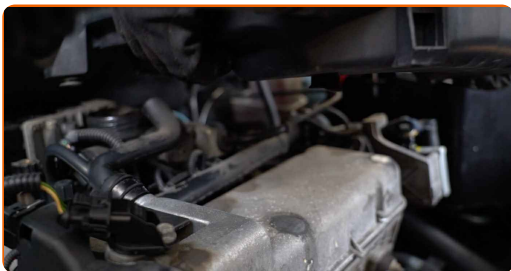
3 Unscrew the filter housing fastening bolts. Use a drive socket #10. Use a ratchet wrench.



4 Remove the air filter housing retaining spring.



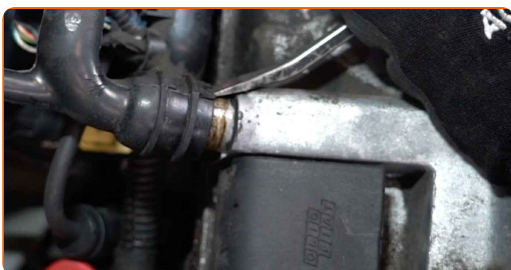
5 Remove the air filter housing.



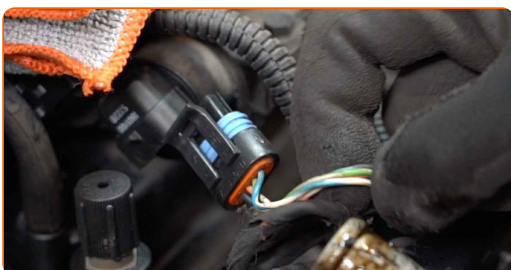
6 Cover the throttle body with a microfibre towel to prevent dust and dirt from getting into the system.



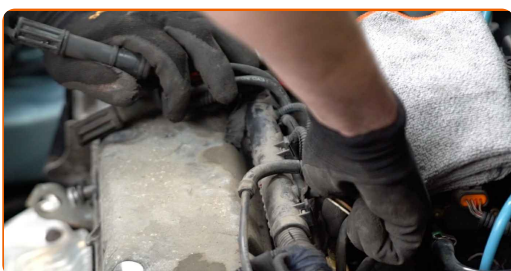
7 Detach the crankcase ventilation hose from the engine cover at the left. Use a crowbar.



8 Detach the throttle valve connectors. Use a crowbar.



9 Remove the spark plug wire connectors from the spark plug wells.

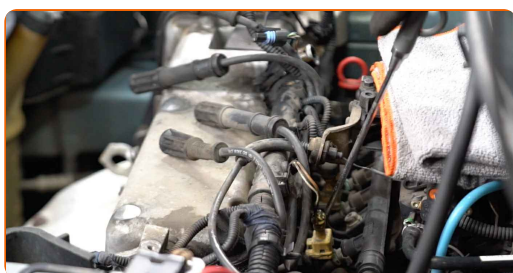


Replacement: spark plugs – FIAT DUCATO Bus (244, Z_). AUTODOC recommends:

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

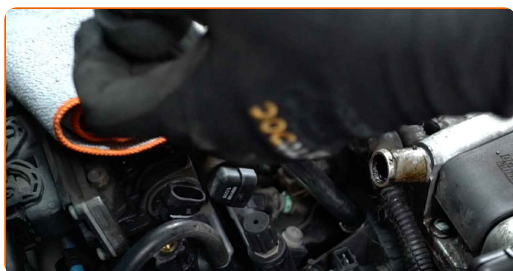
10

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



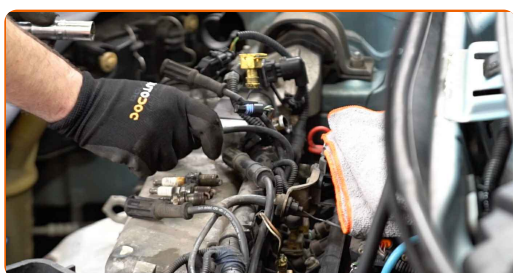
11

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



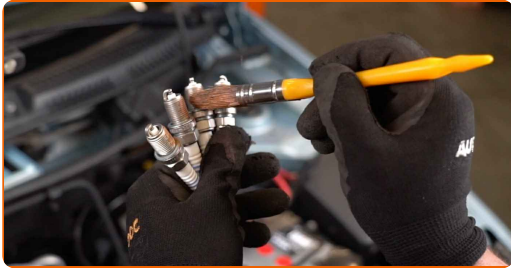
12

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



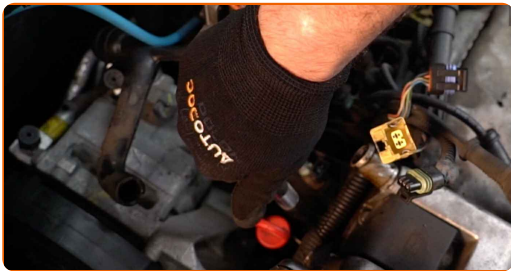
13

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



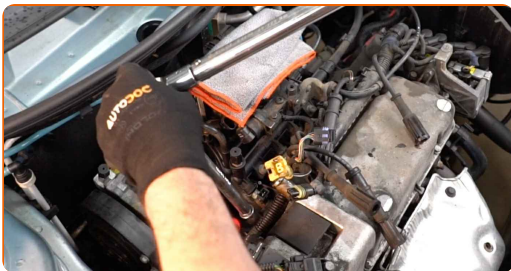
14

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



15

Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 27 nm torque.



Replacement: spark plugs – FIAT DUCATO Bus (244, Z_). 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.

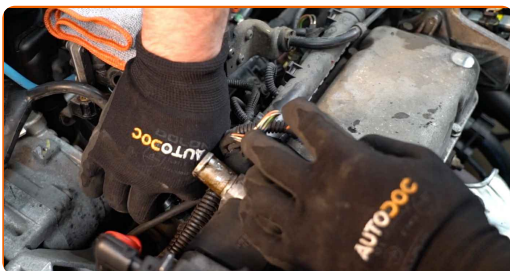
16

Treat the spark plug wire connectors. Use high-temperature grease. Use a flat screwdriver.



17

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

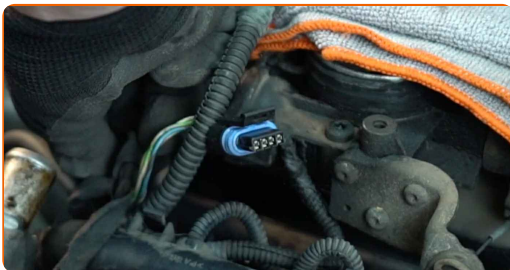


AUTODOC recommends:

- Replacement: spark plugs – FIAT DUCATO Bus (244, Z_). Follow the installation steps.

18

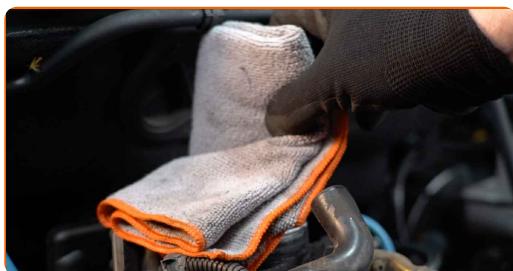
Attach the throttle valve connectors.



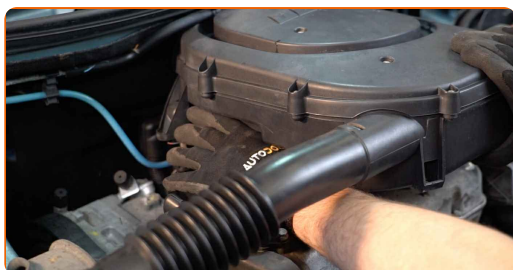
19 Attach the crankcase ventilation hose to the engine cover at the left.



20 Remove the microfibre towel from the throttle body.



21 Reinstall the air filter housing.

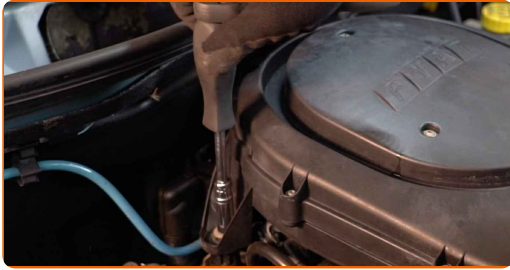


AUTODOC recommends:

- 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.

22

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



23

Install the air filter housing retaining spring.



24

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

25

Shut off the engine.

26

Remove the fender protection cover.

27

Close the hood.

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.