



How to change spark
plugs on **FORD S-MAX**
(WA6) – 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:
FORD S-MAX (WA6) 2.0 EcoBoost

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: FORD Fiesta Mk5 Hatchback (JH1, JD1, JH3, JD3) 1.4 16V

REPLACEMENT: SPARK PLUGS – FORD S-MAX (WA6).
 TOOLS YOU MIGHT NEED:



- High-temperature anti-seize lubricant
- Drive socket # 10
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- Round-nose pliers
- Clic-R collar pliers
- Microfibre towel
- Fender cover

Buy tools

Replacement: spark plugs – FORD S-MAX (WA6). 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 – FORD S-MAX (WA6). TAKE THE FOLLOWING STEPS:

1 Open the bonnet.

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

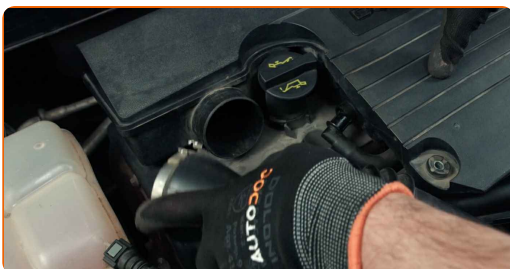
3 Disconnect the air intake pipe from the air filter housing.



4 Detach the air intake hose clamp. Use clic-R collar pliers.



5 Remove the air intake pipe.



6

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



7

Detach the crankcase ventilation hose from the engine cover at the left.

8

Remove the air filter housing.



Please note!

- The air filter housing is integrated into the engine cover.

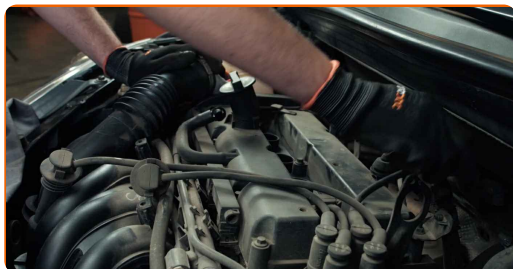
9

Cover the air intake hose with a microfibre towel to prevent dust and dirt from getting into the system.



10

Remove the spark plug wire connectors from the spark plug wells. Use round-nose pliers.



Replacement: spark plugs – FORD S-MAX (WA6). Professionals recommend:

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

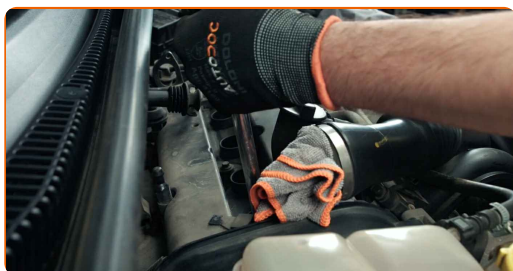
11

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



12

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



13 Take out the spark plugs.



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



15 Install the new spark plugs into their mounting seats.



16 Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 15 nm torque.

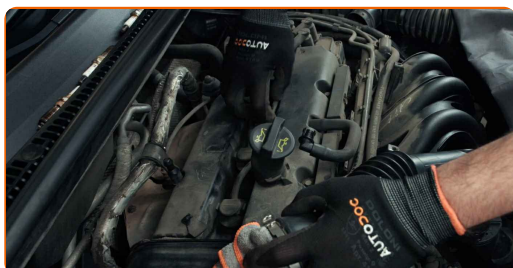


Replacement: spark plugs – FORD S-MAX (WA6). AUTODOC recommends:

- 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.

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.

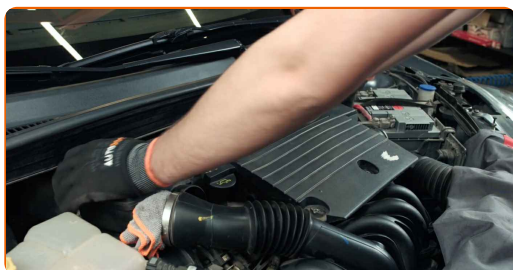


AUTODOC recommends:

- Replacement: spark plugs – FORD S-MAX (WA6). Follow the installation steps.

18

Reinstall the air filter housing.



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



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



21 Remove the microfibre towel from the air intake hose.



22 Install the air intake pipe and secure it.



23 Fasten the clamp on the air intake hose. Use clic-R collar pliers.



24

Connect the air intake pipe to the air filter housing.

**25**

Remove the fender protection cover.

26

Close the hood.

27

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

28

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 2022 – 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 GmbH.