



How to change spark
plugs on **TOYOTA**
**AVENSIS Estate (ZRT27,
ADT27)** – 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:

TOYOTA AVENSIS Estate (ZRT27, ADT27) 1.6 (ZRT270_), TOYOTA AVENSIS Estate (ZRT27, ADT27) 1.8 (ZRT271_), TOYOTA AVENSIS Estate (ZRT27, ADT27) 2.0 (ZRT272_)

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: TOYOTA AURIS (NRE15_, ZZE15_, ADE15_, ZRE15_, NDE15_) 1.8 Hybrid (ZWE150_)

REPLACEMENT: SPARK PLUGS – TOYOTA AVENSIS
ESTATE (ZRT27, ADT27). TOOLS YOU'LL NEED:



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

Buy tools

Replacement: spark plugs – TOYOTA AVENSIS Estate (ZRT27, ADT27).
Professionals recommend:

- The replacement procedure is the same for all spark plugs.
- Please note: all work on the car – TOYOTA AVENSIS Estate (ZRT27, ADT27) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

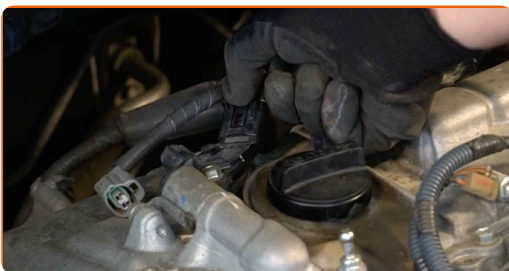
1 Open the bonnet.

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

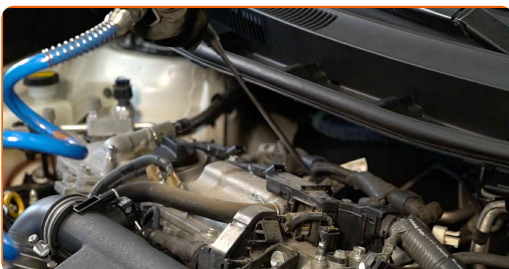
3 Remove the engine cover.



4 Unplug the connectors from the ignition coils.

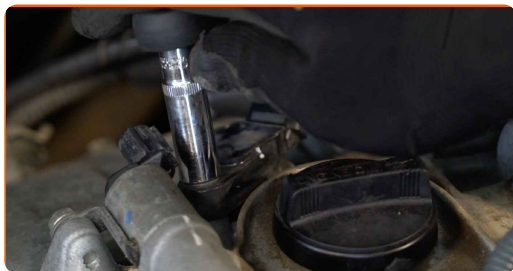


5 Clean the ignition coils.



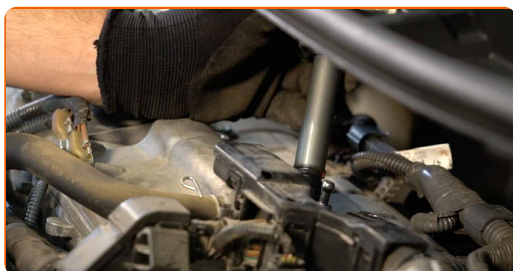
6

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



7

Take out the ignition coils from the spark plug wells.



Replacement: spark plugs – TOYOTA AVENSIS Estate (ZRT27, ADT27).
AUTODOC recommends:

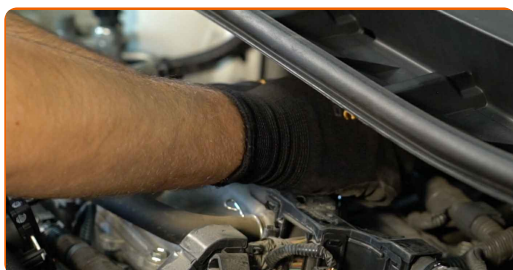
- Remember the sequence of steps for ignition coil demounting.

8

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

9

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



10 Take out the spark plugs.



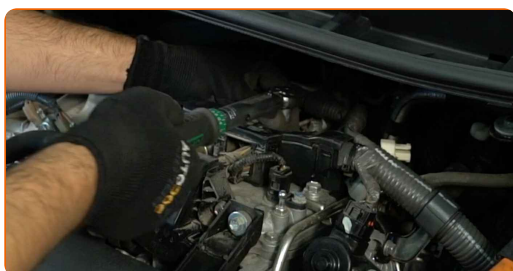
11 Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



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



13 Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 20 nm torque.



Replacement: spark plugs – TOYOTA AVENSIS Estate (ZRT27, ADT27).
AUTODOC experts 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.

14 Treat the ignition coil tips. Use high-temperature grease.

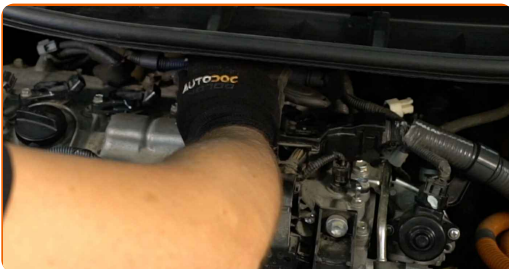
15 Install the ignition coils to the spark plug wells. Make sure you hear a click indicating that it is locked in place.



AUTODOC recommends:

- Replacement: spark plugs – TOYOTA AVENSIS Estate (ZRT27, ADT27). Follow the installation steps.

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



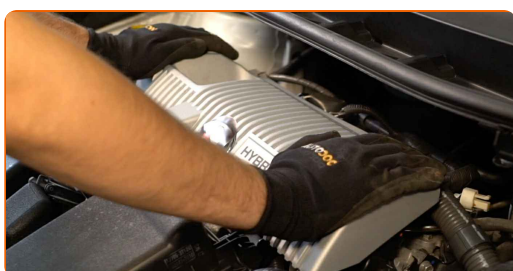
- 17** Treat the ignition coil connector with electronic spray. The spray will protect the electrical contacts from corrosion, oxidation, and will reduce the contact resistance.



- 18** Plug in the connectors of the ignition coils.



- 19** Install the engine cover and secure it.



AUTODOC recommends:

- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners.
- Replacement: spark plugs – TOYOTA AVENSIS Estate (ZRT27, ADT27). Do not use excessive force during installation. This may damage the fasteners.

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

21 Shut off the engine.

22 Remove the fender protection cover.

23 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.