



How to change spark
plugs on **TOYOTA**
Altezza (_E1_) –
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 Altezza (_E1_) 2.0 VVTi

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 PRIUS Hatchback (NHW20_) 1.5 Hybrid (NHW2_)

REPLACEMENT: SPARK PLUGS – TOYOTA ALTEZZA (_E1_). LIST OF THE TOOLS YOU'LL NEED:



- WD-40 spray
- High-temperature anti-seize lubricant
- Drive socket # 10
- Drive socket # 14
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- Clip removal tool
- Fender cover

Buy tools

Replacement: spark plugs – TOYOTA Altezza (_E1_). Tip from AUTODOC experts:

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

REPLACEMENT: SPARK PLUGS – TOYOTA ALTEZZA (_E1_). TAKE THE FOLLOWING STEPS:

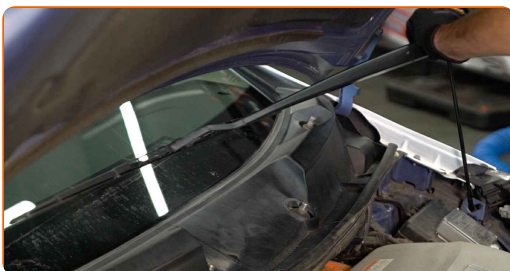
1 Open the bonnet.

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

3 Unscrew the fasteners of the windscreen wiper arms. Use a drive socket #14. Use a ratchet wrench.



4 Remove the wiper arms.



5 Remove the wiper arm covers. Use a clip removal tool.



6 Treat the fasteners of the windscreen wiper linkage. Use WD-40 spray.



7 Detach the windscreen wiper connector.

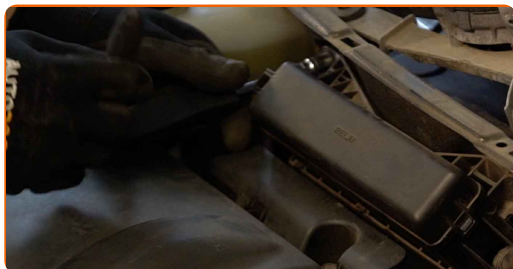


8 Unscrew the fasteners of the windscreen wiper linkage panel. Use a drive socket #10. Use a ratchet wrench.



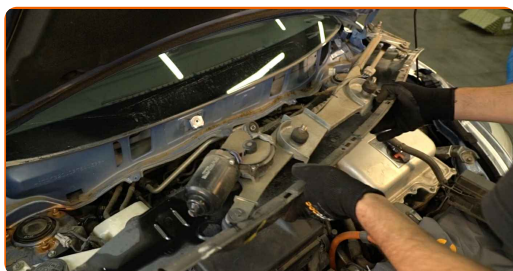
9

Unscrew the fasteners of the fuse box. Use a drive socket #10. Use a ratchet wrench.



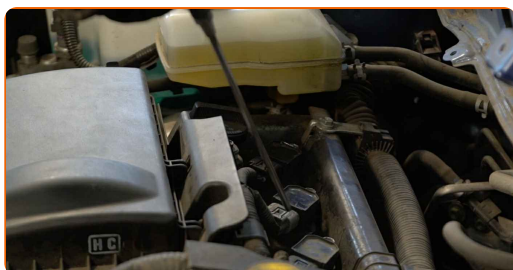
10

Remove the panel assembled with the windscreen wiper linkage.



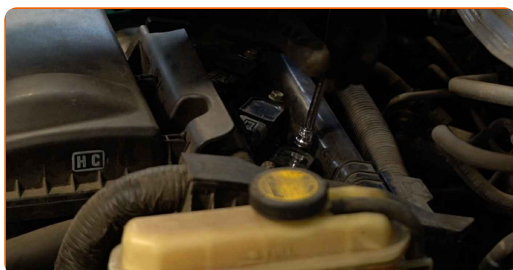
11

Clean the ignition coils.



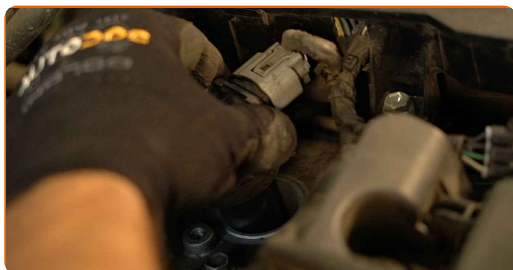
12

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



13

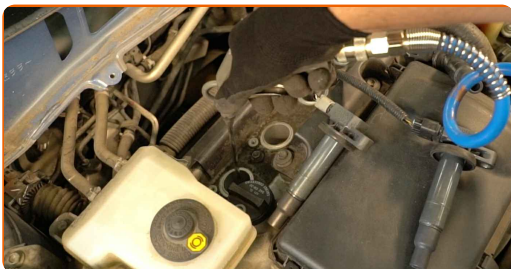
Take out the ignition coils from the spark plug wells.



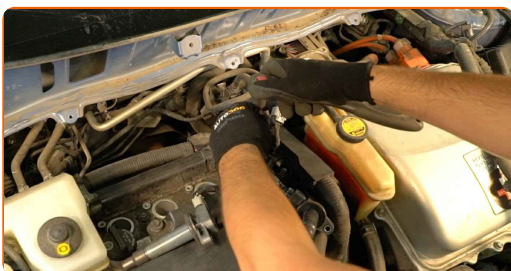
Replacement: spark plugs – TOYOTA Altezza (_E1_). AUTODOC recommends:

- Remember the sequence of steps for ignition coil demounting.

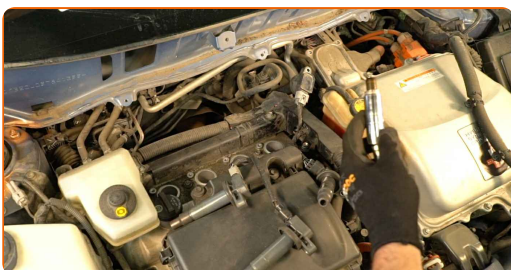
14 Clean dirt, dust and debris from inside the spark plug wells.



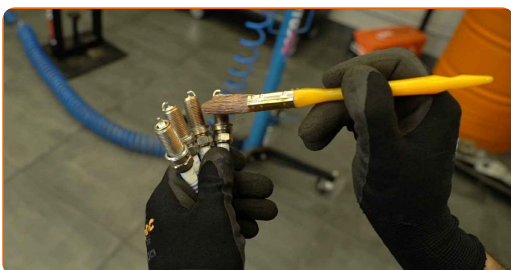
15 Unscrew the spark plugs. Use the spark plug socket #16. Use a ratchet wrench.



16 Take out the spark plugs.



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



18

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



19

Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 18 nm torque.



Replacement: spark plugs – TOYOTA Altezza (_E1_). Professionals recommend:

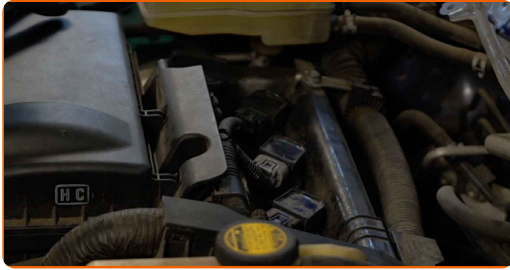
- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.

20

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



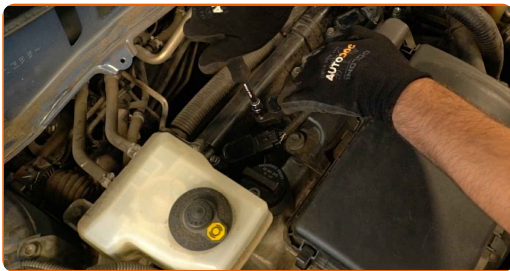
21 Install the ignition coils to the spark plug wells. Make sure you hear a click indicating that it is locked in place.



AUTODOC recommends:

- Replacement: spark plugs – TOYOTA Altezza (_E1_). Follow the installation steps.

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



23 Install the panel assembled with the windscreen wiper linkage.



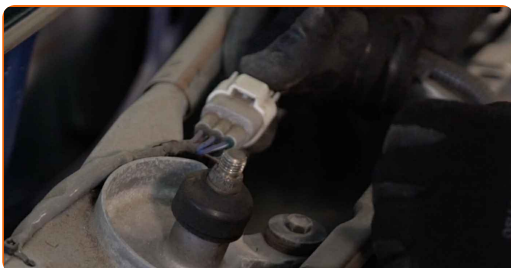
24 Screw in the fasteners of the windscreen wiper linkage panel. Use a drive socket #10. Use a ratchet wrench.



25 Screw in the fasteners of the fuse box. Use a drive socket #10. Use a ratchet wrench.



26 Attach the windscreen wiper connector.



27 Install the wiper arm covers.



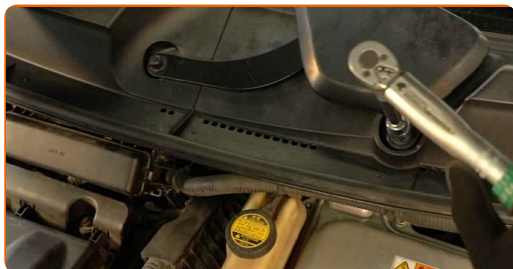
28 Reinstall the wiper arms.



Replacement: spark plugs – TOYOTA Altezza (_E1_). Tip:

- Make sure not to mix up the wiper arms on the driver's and passenger's sides.

29 Tighten the fasteners of the wiper arms. Use a drive socket #14. Use a torque wrench. Tighten it to 21 Nm torque.



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

31 Shut off the engine.

32 Remove the fender protection cover.

33 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.