



How to change glow  
plugs on **AUDI A3  
Sportback (8YA)** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



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

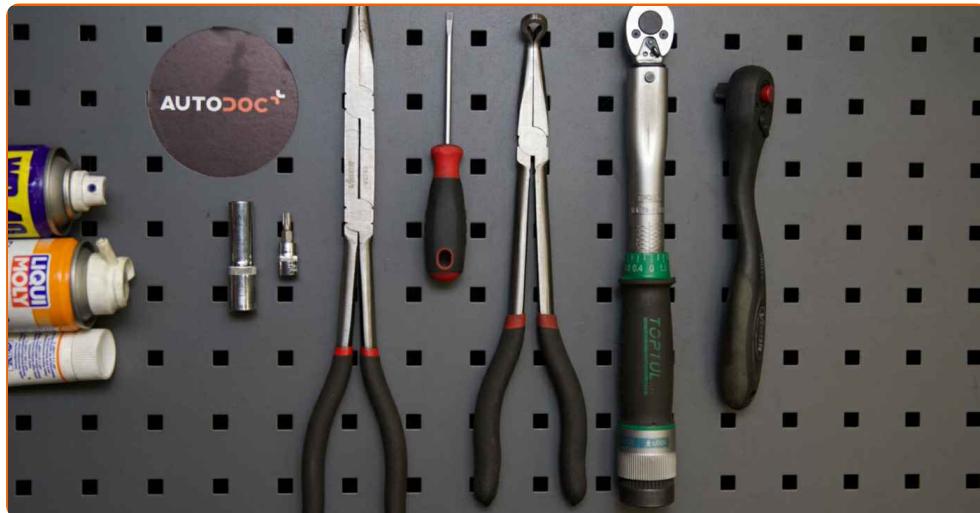
### Important!

This replacement procedure can be used for:  
AUDI A3 Sportback (8YA) 30 TDI

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: VW Passat Saloon (362) 2.0 TDI

REPLACEMENT: GLOW PLUGS – AUDI A3 SPORTBACK (8YA). TOOLS YOU MIGHT NEED:



- WD-40 spray
- Electronic spray
- High-temperature ceramic grease
- Torque wrench
- Spark plug socket # 10
- Torx bit T27
- Ratchet wrench
- Flat screwdriver
- Needle nose pliers
- Fender cover

**Buy tools**

Replacement: glow plugs – AUDI A3 Sportback (8YA). AUTODOC experts recommend:

- The replacement procedure is identical for all glow plugs.
- Wear gloves to protect your hands from hot surfaces.
- Replacement: glow plugs – AUDI A3 Sportback (8YA). Recommended sequence of steps:

## 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

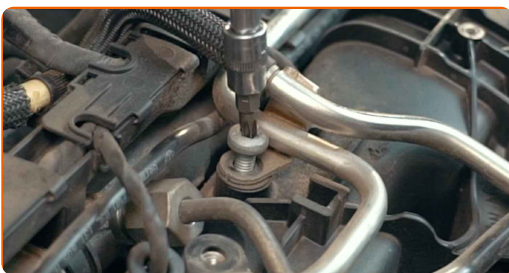
Before getting down to work, start the engine and let it warm up to operating temperature.

4

Shut off the engine.

5

Unscrew the bracket for the engine pipes. Use Torx T27. Use a ratchet wrench.



**6** Detach the engine wiring harness. Use a flat screwdriver.



**7** Detach the engine wiring harness connectors. Use a flat screwdriver.



**8** Detach the glow plug wiring connectors. Use needle nose pliers.



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



**10** Treat the glow plugs. Use WD-40 spray.



**11** Unscrew the glow plugs. Use the spark plug socket #10. Use a torque wrench.



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



**13** Remove the glow plugs. Use the spark plug socket #10. Use needle nose pliers.



**14** Treat the glow plugs. Use high-temperature ceramic grease.



**Please note!**

- Do not touch the heating element as fingerprints may cause malfunction.



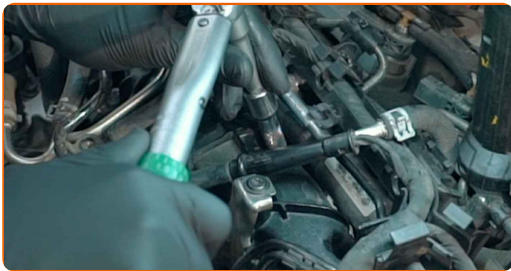
**15**

Install new glow plugs to their mounting seats. Use needle nose pliers.



**16**

Tighten the glow plugs. Use the spark plug socket #10. Use a torque wrench. Tighten it to 18 nm torque.

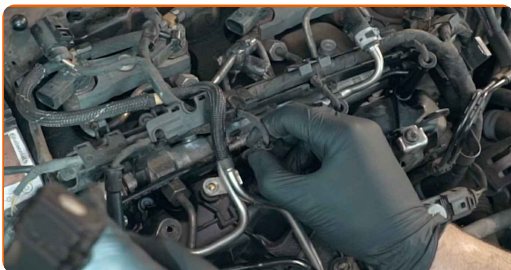


**Replacement: glow plugs – AUDI A3 Sportback (8YA). Tip from AUTODOC experts:**

- 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**

Attach the glow plug wiring connectors.



**18** Treat the engine wiring harness connectors. Use dielectric grease.



**19** Attach the engine wiring harness connectors.



**20** Attach the engine wiring harness.

**21** Screw in the bracket for the engine pipes. Use Torx T27. Use a torque wrench. Tighten it to 7 nm torque.



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

**23** Shut off the engine.

**24** Remove the fender protection cover.

**25** Close the hood.

**WELL DONE!** 

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**GLOW PLUGS: A WIDE SELECTION**

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