



How to change glow  
plugs on **OPEL Meriva A**  
**(X03)** – 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:

OPEL Meriva A (X03) 1.3 CDTI (E75)

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: OPEL Corsa D Hatchback (S07) 1.3 CDTI (L08, L68)

REPLACEMENT: GLOW PLUGS – OPEL MERIVA A (X03).  
TOOLS YOU NEED:



- Injector & glow plug grease
- Drive socket # 7
- Spark plug socket # 8
- Torx bit T25
- Ratchet wrench
- Torque wrench
- Microfibre towel
- Fender cover

**Buy tools**

Replacement: glow plugs – OPEL Meriva A (X03). AUTODOC recommends:

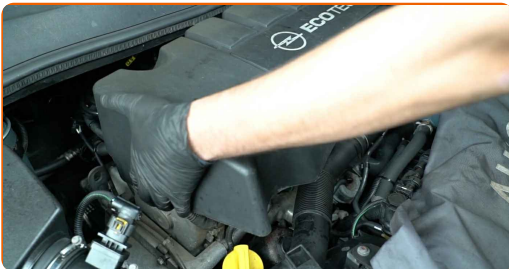
- The replacement procedure is identical for all glow plugs.
- Before getting down to work, start the engine and let it warm up to operating temperature.
- Wear gloves to protect your hands from hot surfaces.
- All work should be done with the engine stopped.

## REPLACEMENT: GLOW PLUGS – OPEL MERIVA A (X03). TAKE THE FOLLOWING STEPS:

1 Open the bonnet.

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

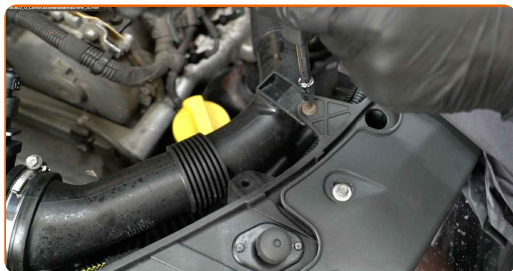
3 Remove the engine cover



AUTODOC recommends:

- Replacement: glow plugs – OPEL Meriva A (X03). To avoid damaging the part when removing it, do not use excessive force.

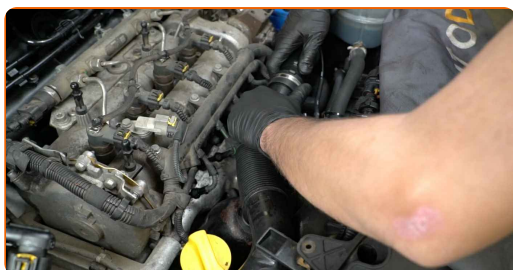
**4** Disconnect the air intake pipe fastening Use Torx T25. Use a ratchet wrench.



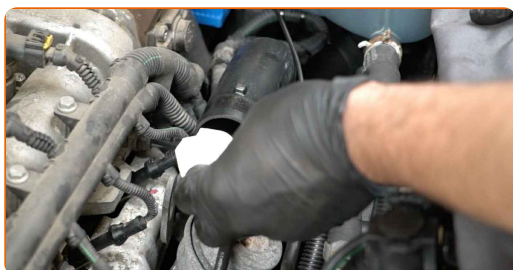
**5** Detach the air intake hose clamp. Use a drive socket #7. Use a ratchet wrench.



**6** Remove the air intake pipe.



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



**8** Detach the glow plug wiring connectors.



**9** Unscrew the glow plugs. Use the spark plug socket #8. Use a ratchet wrench.



**10** Remove the glow plugs.



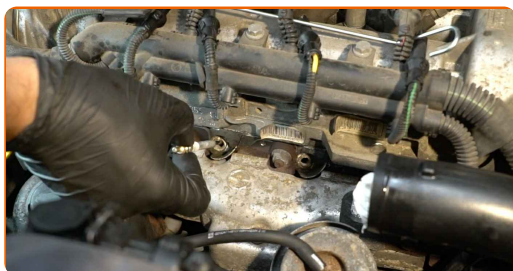
**11** Treat the glow plugs. Use the injector & glow plug grease.



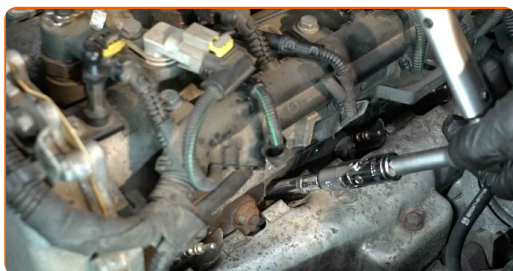
**Please note!**

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

**12** Install new glow plugs to their mounting seats.



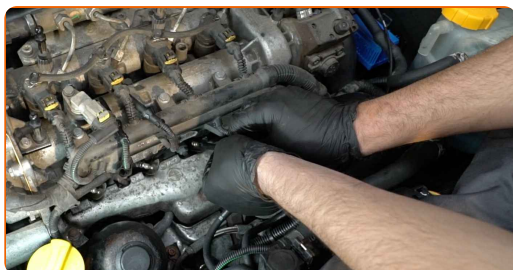
**13** Tighten the glow plugs. Use the spark plug socket #8. Use a torque wrench. Tighten it to 10 nm torque.



Replacement: glow plugs – OPEL Meriva A (X03). 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.

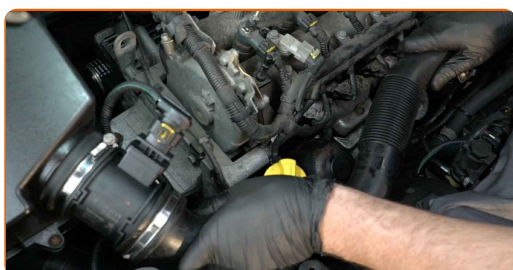
**14** Attach the glow plug wiring connectors.



**15** Remove the microfibre towel from the air intake hose.



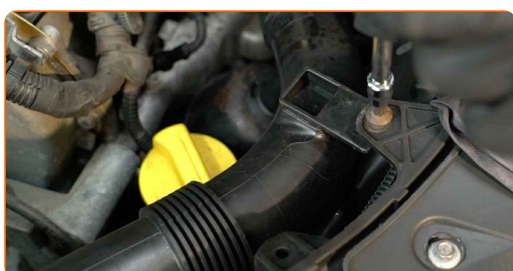
**16** Install the air intake pipe and secure it.



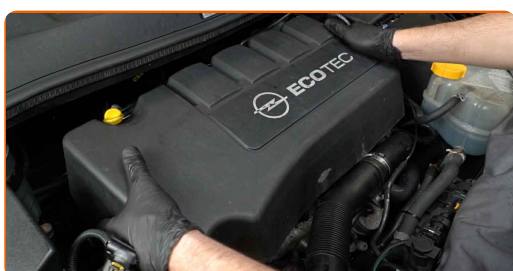
**17** Fasten the clamp on the air intake hose. Use a drive socket #7. Use a ratchet wrench.



**18** Screw in the fastener of the air intake pipe. Use Torx T25.



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





## AUTODOC recommends:

- Replacement: glow plugs – OPEL Meriva A (X03). Do not use excessive force during installation. This may damage the fasteners.
- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners.

- 20 Remove the fender protection cover.
- 21 Close the hood.
- 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.

**WELL DONE!** 

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