



How to change spark  
plugs on **VW LT 28-35 II**  
**Bus (2DB, 2DE, 2DK)** –  
replacement guide

## SIMILAR VIDEO TUTORIAL



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

### Important!

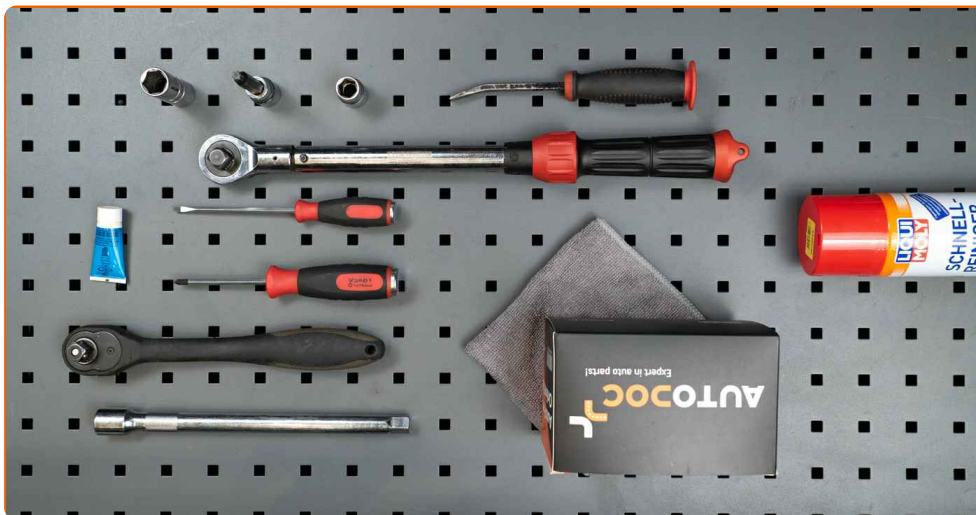
This replacement procedure can be used for:

VW LT 28-35 II Bus (2DB, 2DE, 2DK) 2.3

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 Golf V Hatchback (1K1) 1.6

REPLACEMENT: SPARK PLUGS – VW LT 28-35 II BUS  
(2DB, 2DE, 2DK). TOOLS YOU MIGHT NEED:



- All-purpose cleaning spray
- High-temperature anti-seize lubricant
- Drive socket # 13
- HEX bit No.H6.
- XZN socket bit # 8
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Phillips screwdriver
- Microfibre towel
- Fender cover

**Buy tools**

Replacement: spark plugs – VW LT 28-35 II Bus (2DB, 2DE, 2DK). AUTODOC experts recommend:

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

## REPLACEMENT: SPARK PLUGS – VW LT 28-35 II BUS (2DB, 2DE, 2DK). USE THE FOLLOWING PROCEDURE:

**1** Open the hood.

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

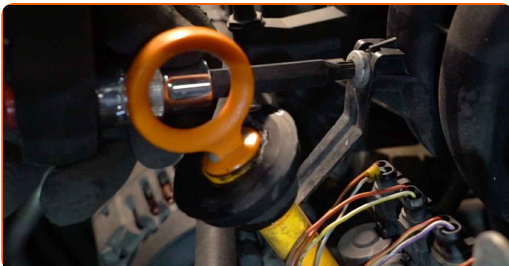
**3** Remove the engine cover.



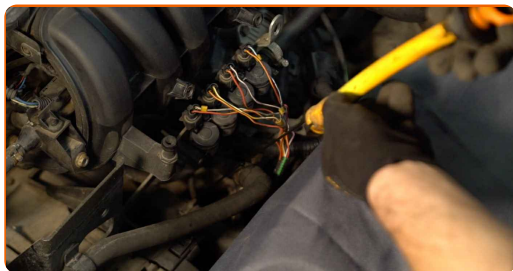
AUTODOC recommends:

- Raise the engine cover, holding it on two sides simultaneously.

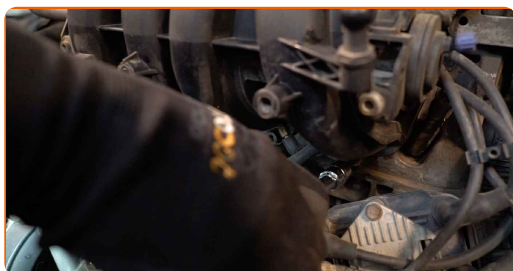
**4** Unscrew the oil dipstick bracket. Use XZN #8. Use a ratchet wrench.



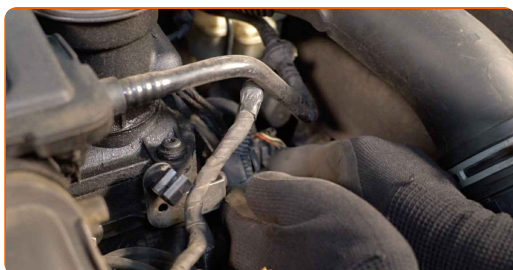
**5** Remove the oil dipstick.



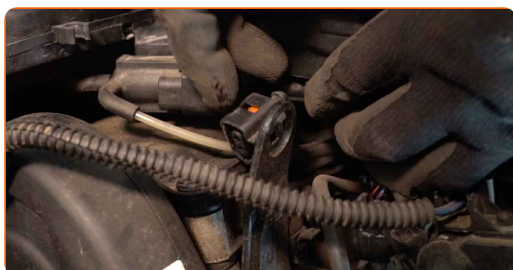
**6** Unscrew the intake manifold fasteners. Use HEX No.H6. Use a drive socket #13. Use a ratchet wrench.



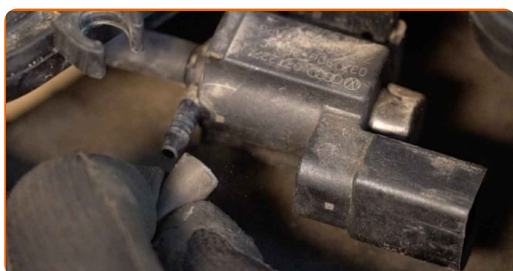
**7** Detach the retainers of the ignition cables.



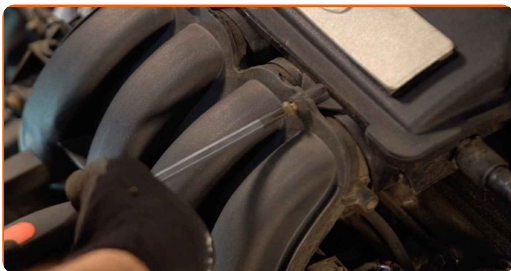
**8** Disconnect the vacuum sensor.



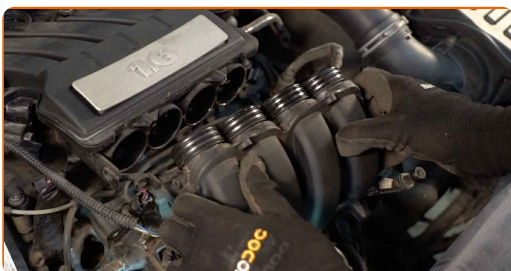
**9** Detach the vacuum pipe.



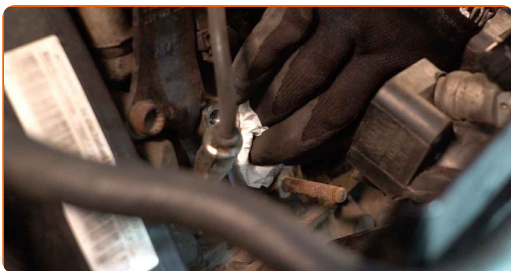
**10** Unscrew the intake manifold fasteners. Use a Phillips screwdriver.



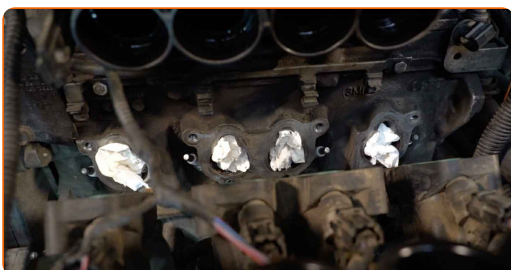
**11** Remove the intake manifold.



**12** Cover the intake manifold passages with a microfibre towel to prevent dust and dirt from getting inside.



**13** Remove the spark plug wire connectors from the spark plug wells.

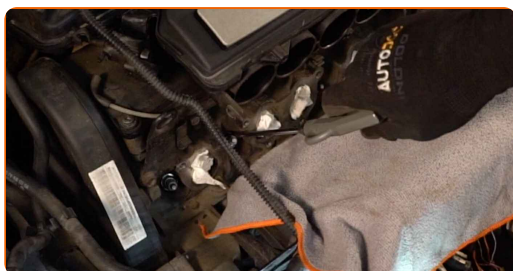


Replacement: spark plugs – VW LT 28-35 II Bus (2DB, 2DE, 2DK). AUTODOC recommends:

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

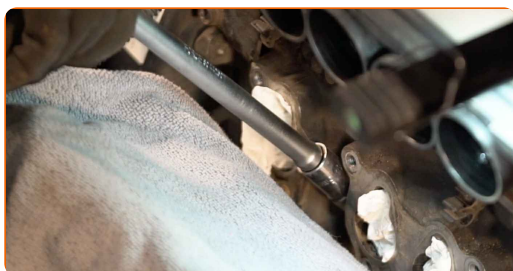
**14**

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



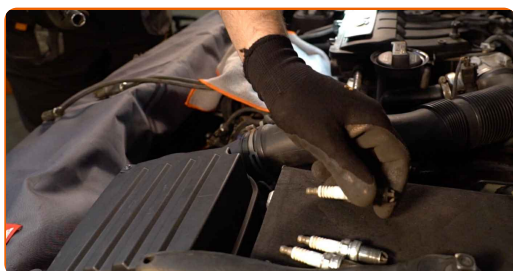
**15**

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



**16**

Take out the spark plugs. Use the spark plug socket #16.



**17**

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



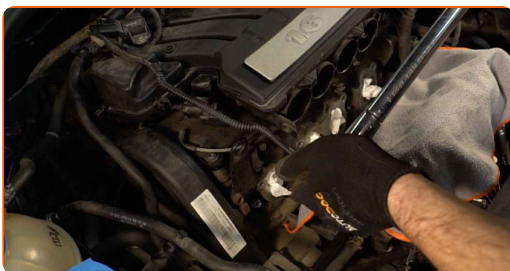
**18**

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 25 nm torque.

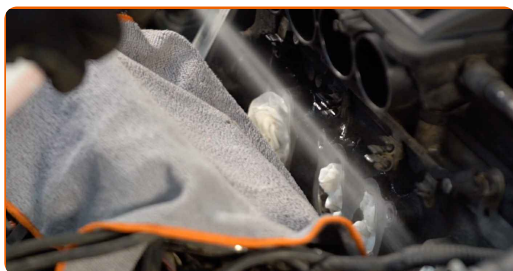


**Replacement: spark plugs – VW LT 28-35 II Bus (2DB, 2DE, 2DK). Tip from AUTODOC:**

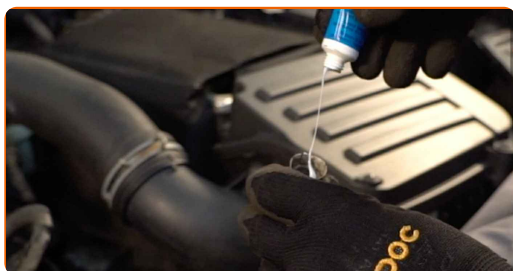
- Don't tighten the plugs with excessive force. Exceeding tightening torque can damage the thread connection.
- Be careful when working with a spark plug wrench. Its skewing can cause damage to the threaded connection.



**20** Clean the intake manifold fasteners. Use all-purpose cleaning spray.



**21** Treat the spark plug wire connectors. Use high-temperature grease. Use a flat screwdriver.



**22** 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 – VW LT 28-35 II Bus (2DB, 2DE, 2DK). Follow the installation steps.

**23** Remove the microfibre towel from the intake manifold.



**24** Remove the intake manifold gasket. Use a flat screwdriver.

**25** Install the new intake manifold gasket.

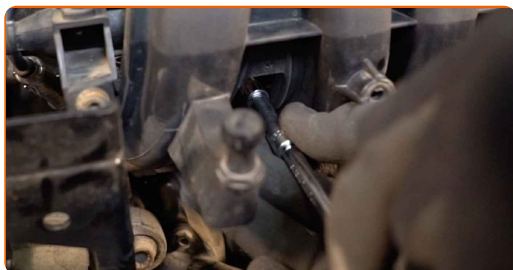
**26** Install the intake manifold.



**27** Tighten the intake manifold fasteners. Use a Phillips screwdriver.

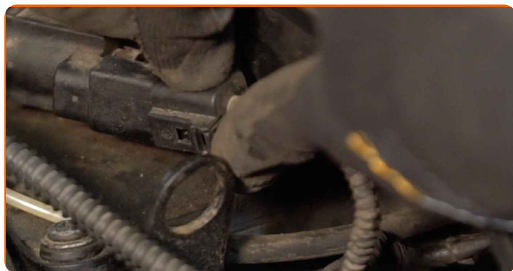


**28** Tighten the intake manifold fasteners. Use HEX No.H6. Use a drive socket #13. Use a ratchet wrench.



**29**

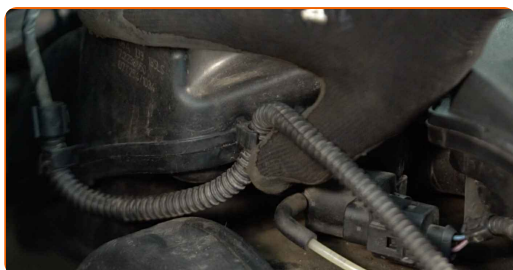
Connect the vacuum sensor.

**30**

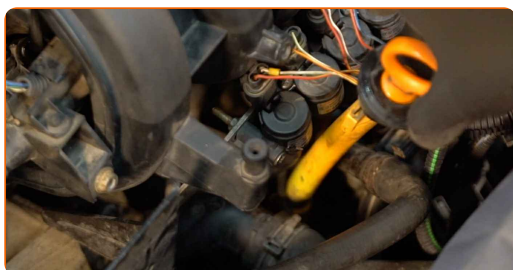
Attach the vacuum pipe.

**31**

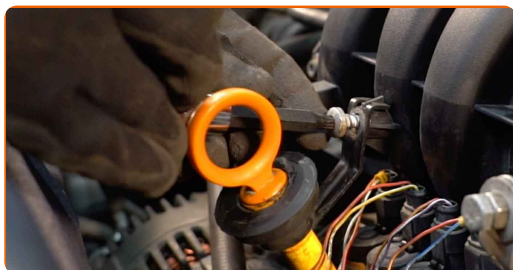
Attach the retainers of the ignition cables.

**32**

Insert the oil dipstick.

**33**

Screw in the oil dipstick bracket. Use XZN #8. Use a ratchet wrench.



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



Replacement: spark plugs – VW LT 28-35 II Bus (2DB, 2DE, 2DK). Tip from AUTODOC experts:

- Make sure the engine cover is properly seated. It should not be displaced with respect to the guiding fasteners.
- Do not apply excessive force when installing the part. Otherwise you may damage the fasteners.

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

**36** Shut off the engine.

**37** Remove the fender protection cover.

**38** Close the hood.

**WELL DONE!** 

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