



How to change spark  
plugs on **FIAT TEMPRA**  
**(159)** – 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:  
FIAT TEMPRA (159) 1.4 i.e.

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: FIAT PUNTO (188) 1.2 60

REPLACEMENT: SPARK PLUGS – FIAT TEMPRA (159).  
LIST OF THE TOOLS YOU'LL NEED:



- High-temperature anti-seize lubricant
- Drive socket # 10
- Drive socket # 16
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- Crow bar
- Flat Screwdriver
- Microfibre towel
- Fender cover

**Buy tools**

Replacement: spark plugs – FIAT TEMPRA (159). Tip from AUTODOC:

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

## REPLACEMENT: SPARK PLUGS – FIAT TEMPRA (159). TAKE THE FOLLOWING STEPS:

1

Open the hood.

2

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

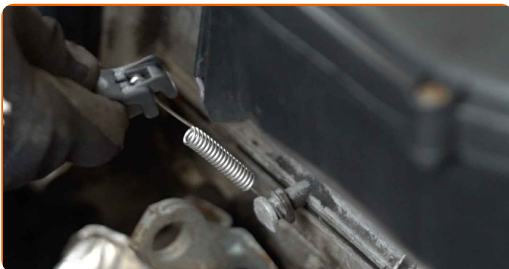
3

Unscrew the filter housing fastening bolts. Use a drive socket #10. Use a ratchet wrench.



4

Remove the air filter housing retaining spring.



**5** Remove the air filter housing.



**6** Cover the throttle body with a microfibre towel to prevent dust and dirt from getting into the system.



**7** Detach the crankcase ventilation hose from the engine cover at the left. Use a crowbar.



**8** Detach the throttle valve connectors. Use a crowbar.



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

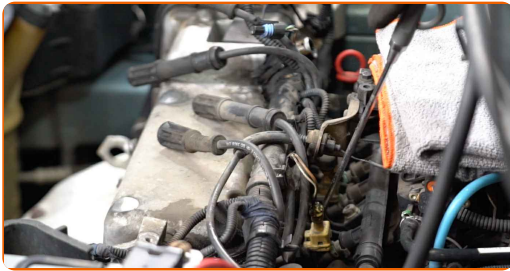


Replacement: spark plugs – FIAT TEMPRA (159). AUTODOC recommends:

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

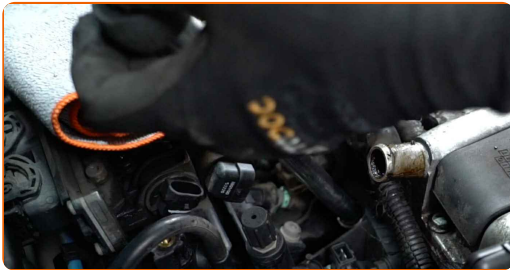
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Clean dirt, dust and debris from inside the spark plug wells.



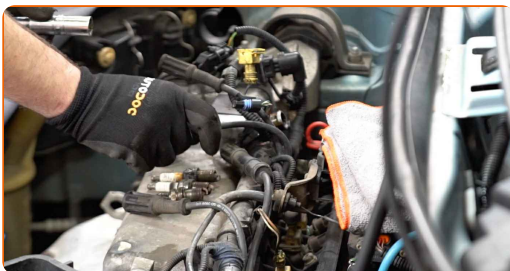
11

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

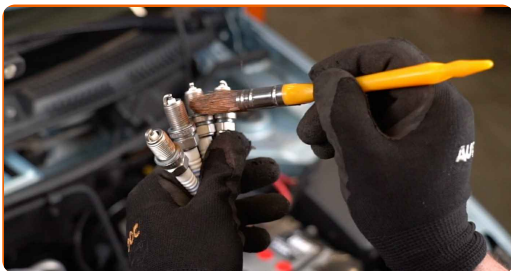


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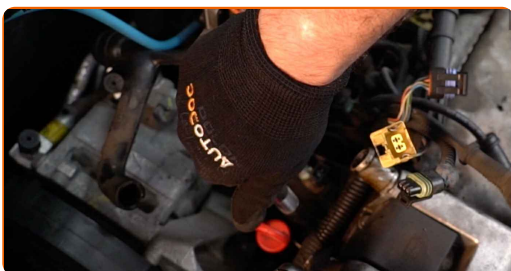
Take out the spark plugs. Use the spark plug socket #16.



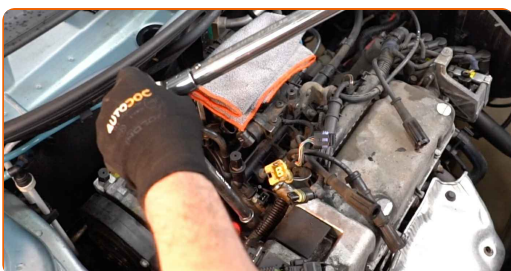
**13** Apply a thin layer of a special high temperature anti-seize lubricant to the threads of the new spark plugs.



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



**15** Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 27 nm torque.

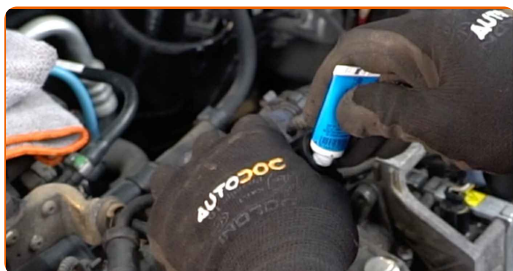


**Replacement: spark plugs – FIAT TEMPRA (159). Professionals recommend:**

- 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.

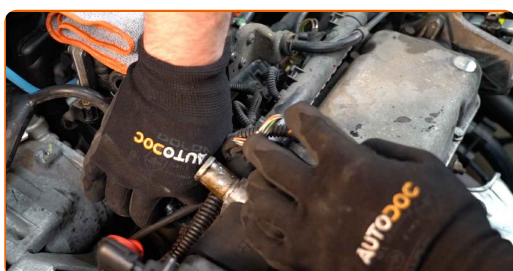
16

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



17

Install the spark plug wire connectors into the spark plug wells. Make sure you hear a click indicating that it is locked in place.

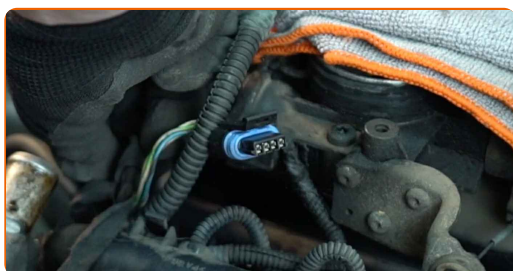


**AUTODOC recommends:**

- Replacement: spark plugs – FIAT TEMPRA (159). Follow the installation steps.

18

Attach the throttle valve connectors.

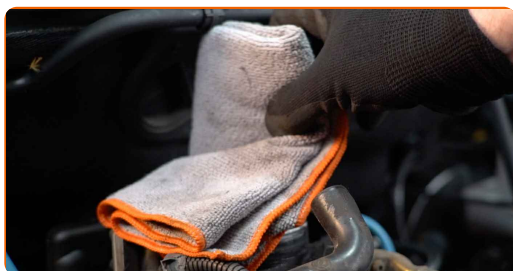




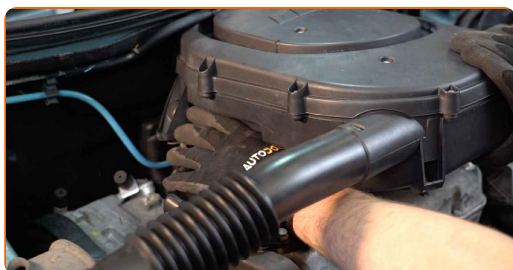
**19** Attach the crankcase ventilation hose to the engine cover at the left.



**20** Remove the microfibre towel from the throttle body.



**21** Reinstall the air filter housing.



**AUTODOC recommends:**

- Make sure the air filter body is properly seated. It should not be displaced with respect to the air intake hose of the throttle body and the guiding fasteners.

**22** Screw the filter housing fastening bolts. Use a drive socket #10. Use a ratchet wrench.



**23** Install the air filter housing retaining spring.



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

**25** Shut off the engine.

**26** Remove the fender protection cover.

**27** Close the hood.

**WELL DONE!** 

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