# **+** AUTODOC CLUB

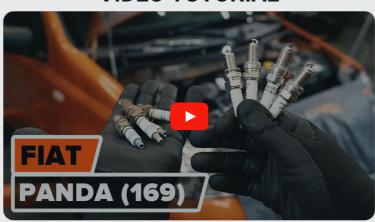
How to change spark plugs on **Fiat Panda 169**– replacement guide







#### **VIDEO TUTORIAL**



### (i) Important!

This replacement procedure can be used for:

FIAT PANDA (169) 1.2, FIAT PANDA (169) 1.4 Natural Power, FIAT PANDA (169) 1.2 4x4, FIAT PUNTO EVO (199) 1.4 Natural Power, FIAT PUNTO EVO (199) 1.2, FIAT GRANDE PUNTO (199) 1.4 Natural Power, FIAT PUNTO EVO (199) 1.4, FIAT GRANDE PUNTO (199) 1.4, FIAT Seicento / 600 Hatchback (187\_) 1.1, FIAT BRAVO II (198) 1.4 LPG, FIAT GRANDE PUNTO (199) 1.4 LPG, FIAT DOBLO Platform/Chassis (263) 1.4, FIAT Idea (350\_) 1.4 LPG, FIAT PUNTO EVO (199) 1.4 LPG, (+ 42)

The steps may slightly vary depending on the car design.

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## REPLACEMENT: SPARK PLUGS – FIAT PANDA 169. TOOLS YOU NEED:



- High-temperature anti-seize lubricant
- Torque wrench
- Drive socket # 10
- Spark plug socket # 16

- Ratchet wrench
- Pincers
- Microfibre towel
- Fender cover

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#### Replacement: spark plugs – Fiat Panda 169. AUTODOC recommends:

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

# REPLACEMENT: SPARK PLUGS – FIAT PANDA 169. RECOMMENDED SEQUENCE OF STEPS:

1

Open the hood.



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



Disconnect the air intake pipe from the air filter housing.



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4 Undo the fastening screws of the air filter cover. Use a drive socket #10. Use a ratchet wrench.



Release the air filter cover clips.



Remove the air filter housing.



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



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8

10







Remove the spark plug wire connectors from the spark plug wells. Use pincers.



### Replacement: spark plugs – Fiat Panda 169. AUTODOC experts recommend:

- Be careful to avoid damaging spark plug wires.
- Remember the sequence of the spark plug wires connectors.
- Clean dirt, dust and debris from inside the spark plug wells.



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



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Take out the spark plugs.



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



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



Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 25 nm torque.



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#### Replacement: spark plugs – Fiat Panda 169. AUTODOC recommends:

- 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.

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



#### Replacement: spark plugs – Fiat Panda 169. Professionals recommend:

- Follow the installation sequence.
- Remove the microfibre towel from the throttle body. 16



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17 Reinstall the air filter housing.



### Replacement: spark plugs – Fiat Panda 169. AUTODOC experts recommend:

• 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.

Screw in the fastening screws of the air filter cover. Use a drive socket #10. Use a ratchet wrench.



Press the air filter cover clips into place.

19









Connect the air intake pipe to the air filter housing.



Remove the fender protection cover.



Close the hood.



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

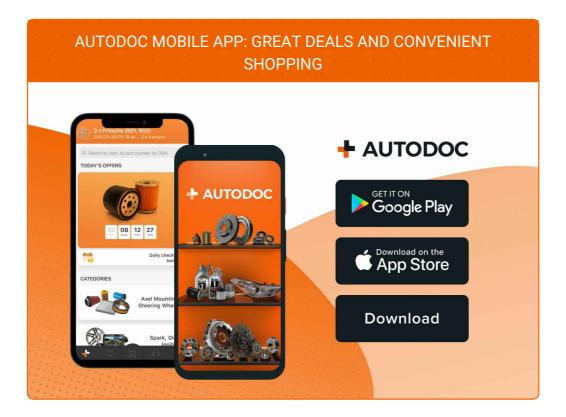


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