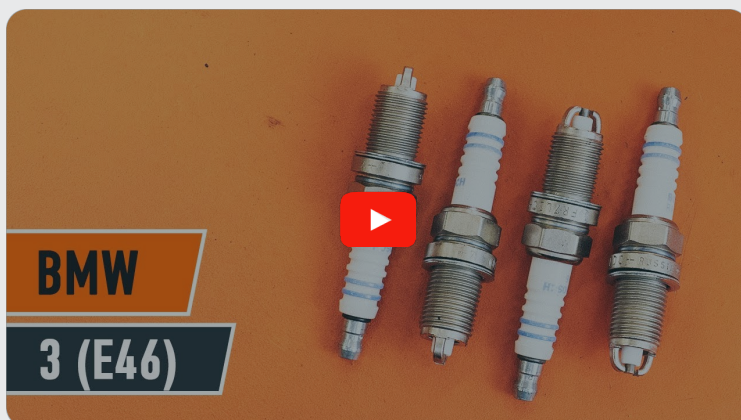




How to change spark
plugs on **MINI**
Hatchback (R50, R53) –
replacement guide

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:

MINI Hatchback (R50, R53) 1.6 One, MINI Hatchback (R50, R53) 1.6 Cooper, MINI Hatchback (R50, R53) 1.6 Cooper S, MINI Hatchback (R50, R53) One

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: BMW 3 Saloon (E46) 318i 1.9

REPLACEMENT: SPARK PLUGS – MINI HATCHBACK (R50, R53). LIST OF THE TOOLS YOU'LL NEED:



- High-temperature anti-seize lubricant
- Spark plug socket # 16
- Ratchet wrench
- Torque wrench
- Round-nose pliers
- Fender cover

Buy tools

Replacement: spark plugs – MINI Hatchback (R50, R53). AUTODOC recommends:

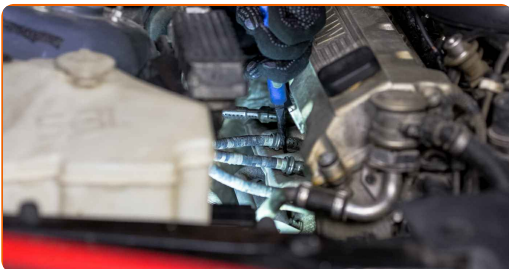
- The replacement procedure is the same for all spark plugs.
- All work should be done with the engine stopped.

REPLACEMENT: SPARK PLUGS – MINI HATCHBACK (R50, R53). USE THE FOLLOWING PROCEDURE:

1 Open the bonnet.

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

3 Remove the spark plug wire connectors from the spark plug wells. Use round-nose pliers.

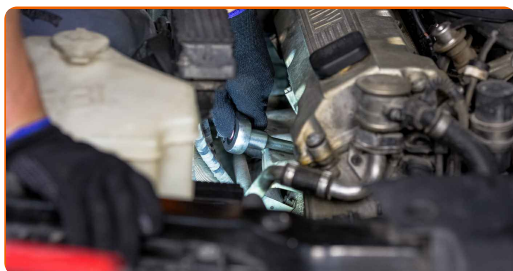


Replacement: spark plugs – MINI Hatchback (R50, R53). Professionals recommend:

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

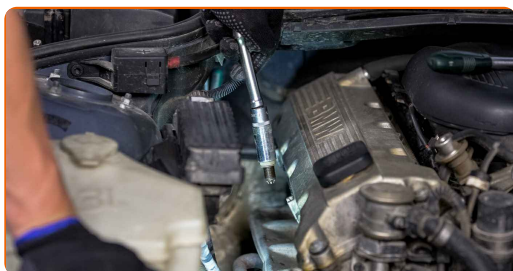
4

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



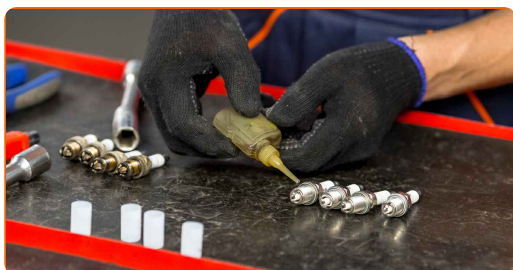
5

Take out the spark plugs.



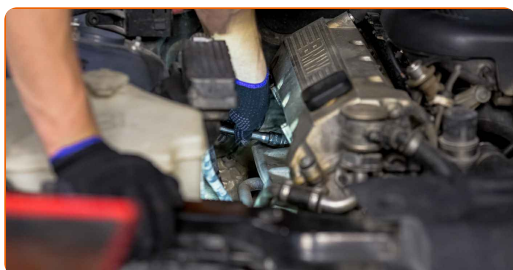
6

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

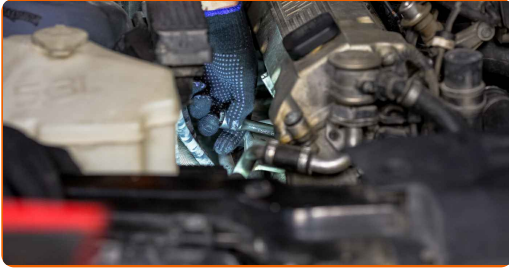


7

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



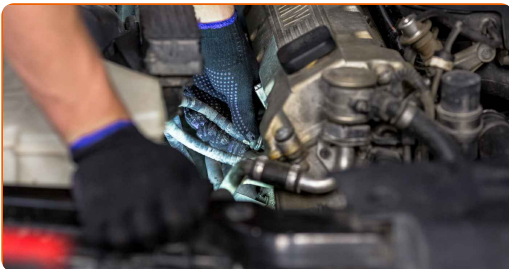
- 8** Screw new spark plugs and tighten them. Use the spark plug socket #16. Use a torque wrench. Tighten it to 27 nm torque.



Replacement: spark plugs – MINI Hatchback (R50, R53). AUTODOC experts 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.

- 9** 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 – MINI Hatchback (R50, R53). Follow the installation steps.

10

Remove the fender protection cover. Close the hood.

WELL DONE! 

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SPARK PLUGS: A WIDE SELECTION

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