



How to change  
serpentine belt on **Nissan**  
**Micra K12** – replacement  
guide

## VIDEO TUTORIAL



### Important!

This replacement procedure can be used for:  
NISSAN MICRA III (K12) 1.2 16V, NISSAN MICRA III (K12) 1.0 16V, NISSAN Micra C+C  
III (K12) 1.4 16V, NISSAN Note (E11, NE11) 1.4

---

The steps may slightly vary depending on the car design.

REPLACEMENT: SERPENTINE BELT – NISSAN MICRA K12. TOOLS YOU NEED:



- Wire brush
- Brake cleaner
- Ceramic grease
- Torque wrench
- Combination spanner #14
- Drive socket # 12
- Drive socket # 27
- Wheel impact socket #17
- Ratchet wrench
- Tap wrench
- Clip removal tool
- Wheel chock

**BUY TOOLS**

Replacement: serpentine belt – Nissan Micra K12. AUTODOC experts recommend:

- All work should be done with the engine stopped.

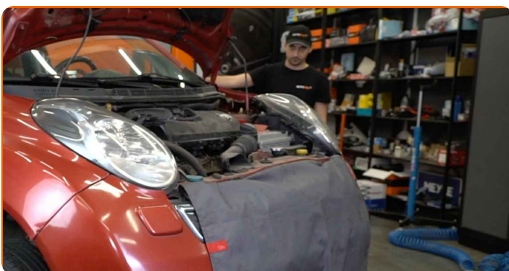
## REPLACEMENT: SERPENTINE BELT – NISSAN MICRA K12. USE THE FOLLOWING PROCEDURE:

**1** Secure the wheels with chocks.

**2** Loosen the wheel bolts. Use wheel impact socket #17. Use a tap wrench.



**3** Raise the car.



Replacement: serpentine belt – Nissan Micra K12. Tip:

- If you are using a jack, make sure it rests on a flat surface without any unevenness.
- Be sure to additionally secure the car with jack stands.

**4** Unscrew the wheel bolts.



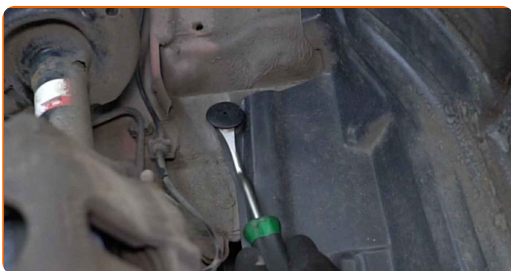
**AUTODOC recommends:**

- Important! Hold the wheel while unscrewing the fastening bolts. Nissan Micra K12

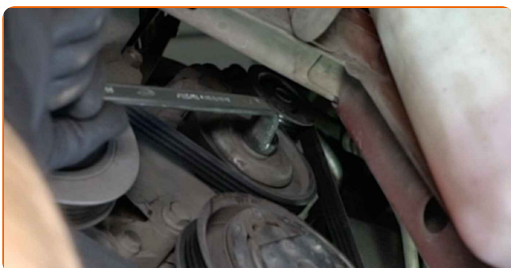
**5** Remove the wheel.



**6** Remove the plastic clips of the wheel arch liner. Move the part aside. Use a clip removal tool.

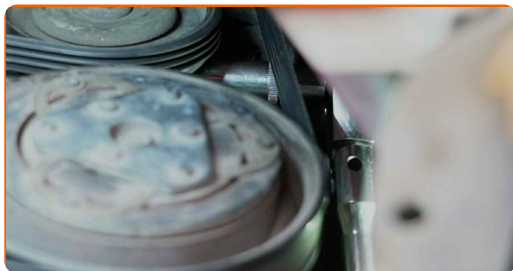


**7** Loosen the tensioner pulley fastener. Use a combination spanner #14.



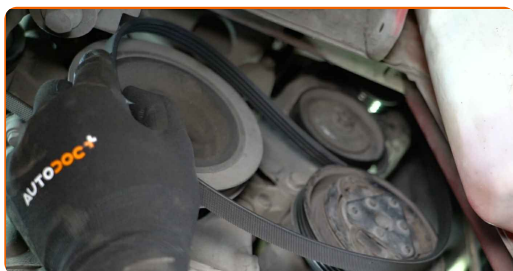
8

Loosen the serpentine belt. Use a drive socket #12. Use a ratchet wrench.



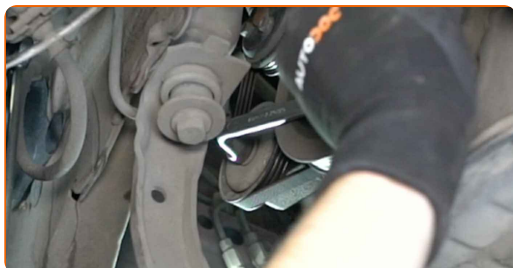
9

Remove the V-ribbed belt.



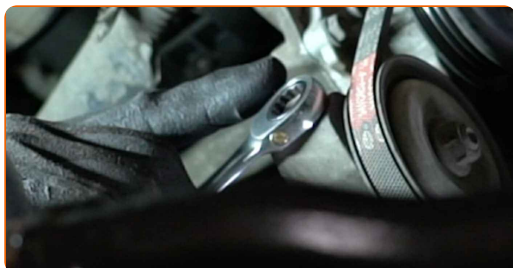
10

Loosen the tensioner pulley fastener. Use a combination spanner #14.



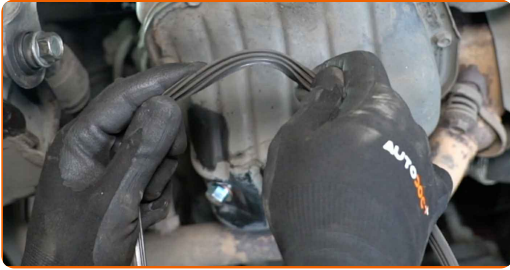
11

Loosen the serpentine belt. Use a drive socket #12. Use a ratchet wrench.



**12**

Remove the V-ribbed belt.



**AUTODOC recommends:**

- Check the condition of the tensioner pulley and idler pulley. Replace them if necessary.

**13**

Install the V-ribbed belt.

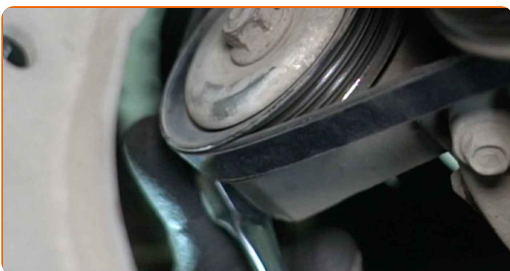


**Replacement: serpentine belt – Nissan Micra K12. AUTODOC experts recommend:**

- Make sure that the V-ribbed belt fits all pulleys snugly.

**14**

Return the tensioner pulley to its initial position. Use a drive socket #12. Use a ratchet wrench.



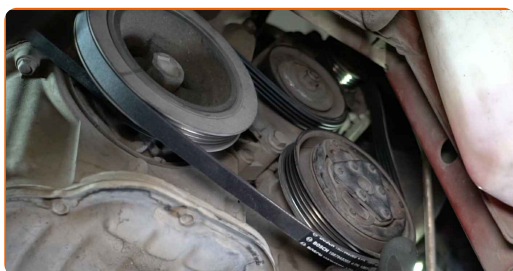
Replacement: serpentine belt – Nissan Micra K12. AUTODOC recommends:

- Make sure that the V-ribbed belt is properly tensioned.

- 15** Tighten the fastener of the serpentine belt tensioner pulley. Use a combination spanner #14. Use a torque wrench. Tighten it to 25 Nm torque.



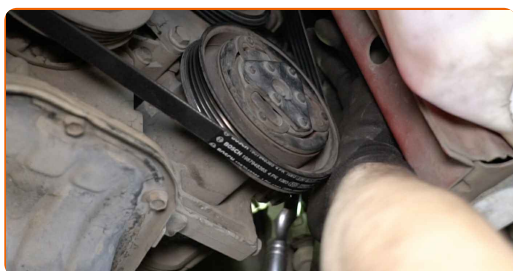
- 16** Install the V-ribbed belt.



AUTODOC recommends:

- Make sure that the V-ribbed belt fits all pulleys snugly.

- 17** Return the tensioner pulley to its initial position. Use a drive socket #12. Use a ratchet wrench.

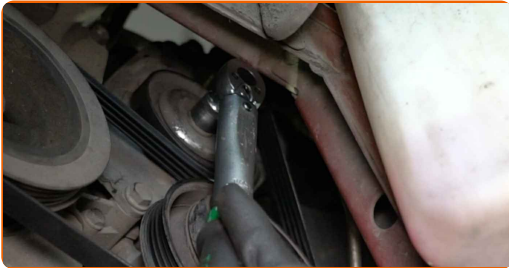




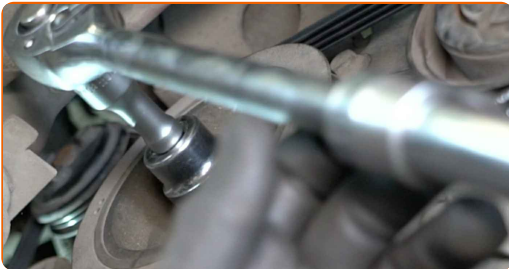
Replacement: serpentine belt – Nissan Micra K12. Tip from AUTODOC experts:

- Make sure that the V-ribbed belt is properly tensioned.

- 18** Tighten the fastener of the serpentine belt tensioner pulley. Use a combination spanner #14. Use a torque wrench. Tighten it to 25 Nm torque.



- 19** Rotate the crankshaft several times to make sure the new V-ribbed belts are working properly. Use a drive socket #27. Use a ratchet wrench.

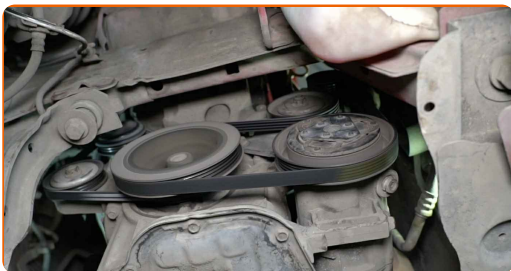


**AUTODOC recommends:**

- Make sure the belts are properly aligned on the pulleys.
- Make sure the belts are properly tensioned.

20

Run the engine for a few minutes.



Replacement: serpentine belt – Nissan Micra K12. Professionals recommend:

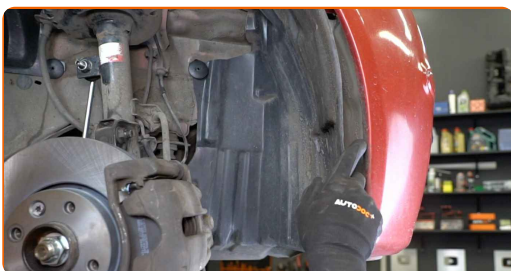
- This is necessary in order to make sure that the component operates properly.

21

Shut off the engine.

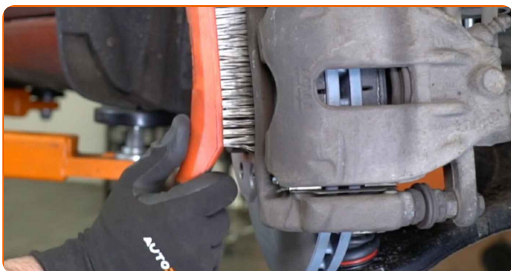
22

Install the wheel arch cover to its mounting seat. Reinstall the plastic clips of the wheel arch liner.



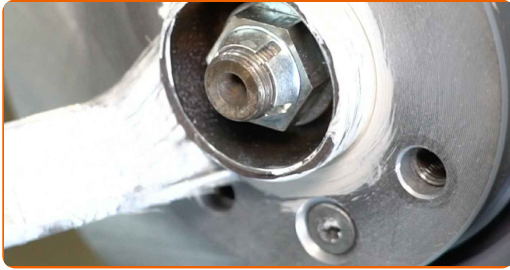
23

Clean the wheel rim mounting seat. Use a wire brush.



24

Treat the surface where the brake disc contacts the wheel rim. Use ceramic grease.



25

Clean the brake disk surface. Use a brake cleaner.

26

Install the wheel.



**AUTODOC recommends:**

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Nissan Micra K12

27

Screw in the wheel bolts. Use wheel impact socket #17. Use a ratchet wrench.



- 28** Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 110 Nm torque.



- 29** Remove the jacks and chocks.



**WELL DONE!** 

**VIEW MORE TUTORIALS**

# AUTODOC – TOP QUALITY AND AFFORDABLE CAR PARTS ONLINE

**AUTODOC MOBILE APP: GREAT DEALS AND CONVENIENT SHOPPING**



**+ AUTODOC**

GET IT ON  **Google Play**

 **Download on the App Store**

**Download**

**A GREAT SELECTION OF SPARE PARTS FOR YOUR CAR**

**BUY SPARE PARTS FOR NISSAN**

**SERPENTINE BELT: A WIDE SELECTION**

**CHOOSE CAR PARTS FOR NISSAN MICRA K12**

**SERPENTINE BELT FOR NISSAN: BUY NOW**

**SERPENTINE BELT FOR NISSAN MICRA K12: THE BEST  
DEALS & OFFERS**

### **DISCLAIMER:**

The document contains only general recommendations that may be useful for you when you perform repair or replacement work. AUTODOC shall not be liable for any loss, injury, damage of property occurring in the repair or replacement process due to incorrect use or misinterpretation of the provided information.

AUTODOC shall not be liable for any possible mistakes and uncertainties in this guide. The information provided is for information purposes only and cannot replace advice from specialists.

AUTODOC shall not be liable for incorrect or hazardous usage of equipment, tools and car parts. AUTODOC strongly recommends to be careful and observe the safety rules when performing repair or replacement works. Remember: usage of low quality auto parts does not guarantee you the appropriate level of road safety.

© Copyright 2023 – All the contents of this website, in particular texts, photographs and graphics, are protected by copyright. All rights, including reproduction, publication, editing and translation rights, are reserved by AUTODOC SE.