AUTODOC CLUB

How to change rear brake pads on **INFINITI M35 III (Y50)** – 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:

INFINITI M35 III (Y50) 3.5, INFINITI M35 III (Y50) 3.5 X

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: NISSAN X-TRAIL (T30) 2.5 4x4

REPLACEMENT: BRAKE PADS – INFINITI M35 III (Y50). TOOLS YOU MIGHT NEED:

- Wire brush
- Nylon cleaning brush
- WD-40 spray
- Brake cleaner
- Anti-squeal paste
- Brake caliper guide pins grease
- Ceramic grease

- Torque wrench
- Drive socket # 14
- Wheel impact socket #21
- Ratchet wrench
- Brake caliper wind back tool
- Wheel chock

Buy tools

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.

- The replacement procedure is identical for all brake pads on the same axle.

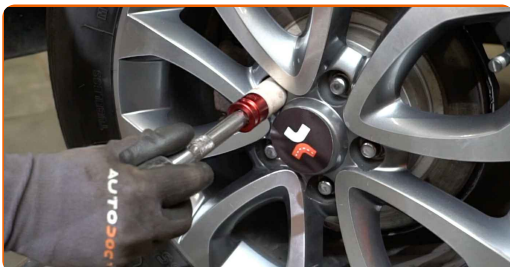- Please note: all work on the car – INFINITI M35 III (Y50) – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.

2 Secure the wheels with chocks.

3 Loosen the wheel mounting bolts. Use wheel impact socket #21.

4 Raise the car.

Replacement: brake pads – INFINITI M35 III (Y50). AUTODOC recommends:

- 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.

5 Unscrew the wheel bolts.

AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while unscrewing the fastening bolts. INFINITI M35 III (Y50)
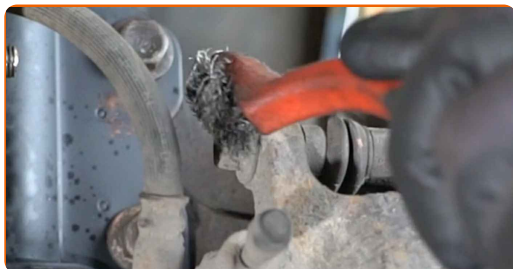
6 Remove the wheel.

7 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.

8 Unscrew the brake caliper fasteners. Use a drive socket #14. Use a ratchet wrench.

9 Remove the brake caliper guide pins.

10 Remove the brake caliper.

Replacement: brake pads – INFINITI M35 III (Y50). Professionals recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.

- Make sure that the brake caliper is not hanging on the brake hose.

- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
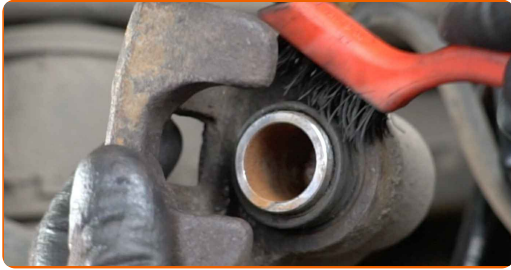
11 Remove the brake pads.

Replacement: brake pads – INFINITI M35 III (Y50). AUTODOC experts recommend:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

12 Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake pads – INFINITI M35 III (Y50). After applying the spray, wait a few minutes.

13 Press in the brake caliper piston. Use brake caliper wind back tool.

14 Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

15 Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.

Replacement: brake pads – INFINITI M35 III (Y50). Professionals recommend:

- Make sure the disc surface is clean before installing the pads.
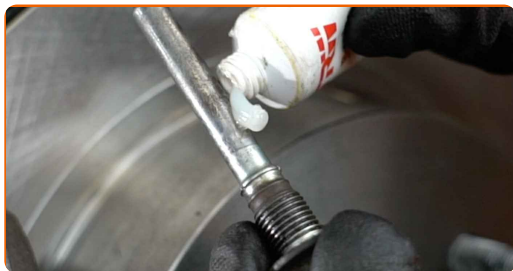
16 Install new brake pads.

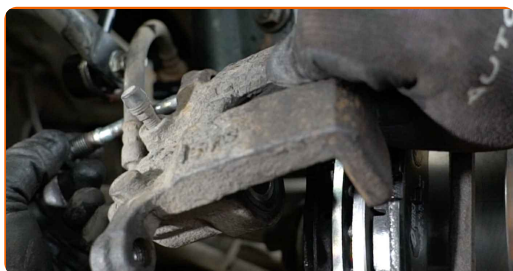**17** Clean the brake caliper guide pins. Use a brake cleaner.

AUTODOC recommends:

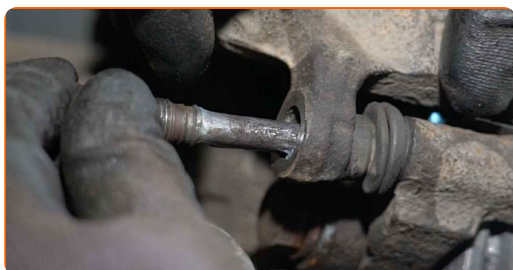- After applying the spray, wait a few minutes.

18 Treat the brake caliper guide pins. Use the brake caliper guide pin grease.
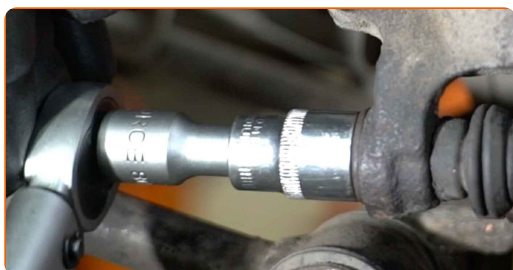

19 Install the brake caliper and fix it.
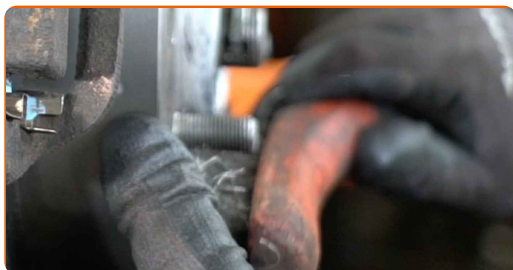

20 Install the brake caliper guide pins.

21 Tighten the brake caliper fasteners. Use a drive socket #14. Use a torque wrench. Tighten it to 32 Nm torque.

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

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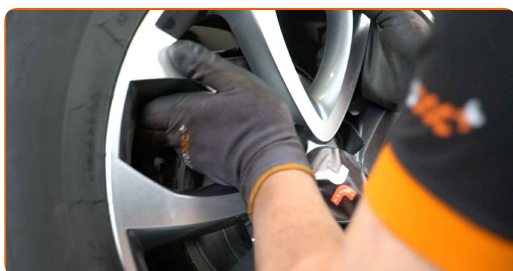

24 Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- Replacement: brake pads – INFINITI M35 III (Y50). After applying the spray, wait a few minutes.
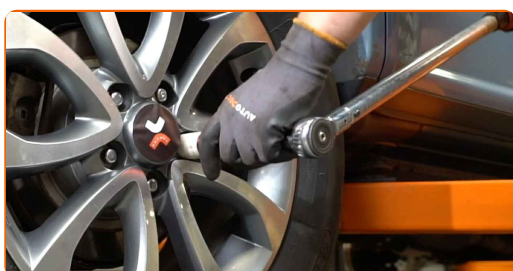
25 Install the wheel.

AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. INFINITI M35 III (Y50)

26 Screw in the wheel bolts. Use wheel impact socket #21.

27 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #21. Use a torque wrench. Tighten it to 118 Nm torque.

28 Remove the jacks and chocks.

Replacement: brake pads – INFINITI M35 III (Y50). AUTODOC experts recommend:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

- Check the brake fluid level in the expansion tank and refill if necessary.

29 Tighten the brake fluid reservoir cap. Close the hood.

Replacement: brake pads – INFINITI M35 III (Y50). Tip from AUTODOC:

- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unneccessary and sharp braking to a stop.

WELL DONE! 👍

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