



SERVICE BULLETIN

Classification: BR06-006c	Reference: NTB06-037c	Date: October 27, 2006
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2005 FRONTIER AND XTERRA; SQUEAKING NOISE FROM BRAKES

**This bulletin amends NTB06-037b. Parts Information has changed.
Please discard all previous copies of this bulletin.**

APPLIED VEHICLES: 2005 Frontier (D40)
2005 Xterra (N50)

APPLIED VINS: Frontier built before: 1N6(*)D07(**)5C461154
Xterra built before: 5N1AN08(**)5C651886

APPLIED DATE: Vehicles built before August 15, 2005

IF YOU CONFIRM

A squeaking noise coming from the brakes.

ACTIONS

Perform all the repairs as follows:

Front Brakes

1. Replace the front brake pads.
2. Install the new brake pad hardware kit (which includes new shims).

Rear Brakes

1. Replace the rear brake pads.
2. Install the new brake pad hardware kit (which includes new shims).

IMPORTANT: The purpose of "ACTIONS" (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire Service Procedure (starting on page 2) as it contains information that is essential to successfully completing this repair.

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

PARTS INFORMATION

DESCRIPTION	MODEL	PART #	QUANTITY
Front Brake Pads	Frontier and Xterra	41060-ZP025	1
Front Brake Hardware Kit	Frontier and Xterra	41080-EA026	1
Rear Brake Pads	Frontier and Xterra	44060-EA085	1
Rear Brake Hardware Kit	Frontier and Xterra	44080-EA086	1
Molokote® M77 Grease* (Molykote® is a registered trademark of Dow Corning Corporation)	Frontier and Xterra	44003-7S000 1 kg (35oz) can	As needed

* The 1 kg (35oz) can of Molykote® M-77 grease is sufficient to service 100 or more vehicles. This grease is considered a shop supply. Order it from your PDC.

CLAIMS INFORMATION

Submit a Primary Part (PP) type line using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
RPL Front Brake Pads and Hardware Kits	(1)	PB19AA	DD	32	(2)

(1) Reference the current Parts Information Table and use the indicated Front Brake Pads P/N as the PFP.

(2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated FRT.

AND, on a separate line:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
RPL Rear Brake Pads, and Hardware Kits	(3)	PD19AA	DD	32	(4)

(3) Reference the Parts Information Table and use the indicated Rear Brake Pads P/N as the PFP.

(4) Reference the current Nissan Warranty Flat Rate Manual and use the indicated FRT.

SERVICE PROCEDURE

Front Brakes

1. Replace the front brake pads and brake hardware using all of the parts in the hardware kit.

- Make sure to use the new brake pads and new brake pad shims (included in the hardware kit).
- Refer to section BR in the Service Manual (ESM) for brake pad replacement and brake service information.

IMPORTANT:

- Make sure the shims are installed as shown in Figure 1.

- Apply Molykote® M77 grease to the back side of the **outboard** brake pads **ONLY** (see Figure 1).

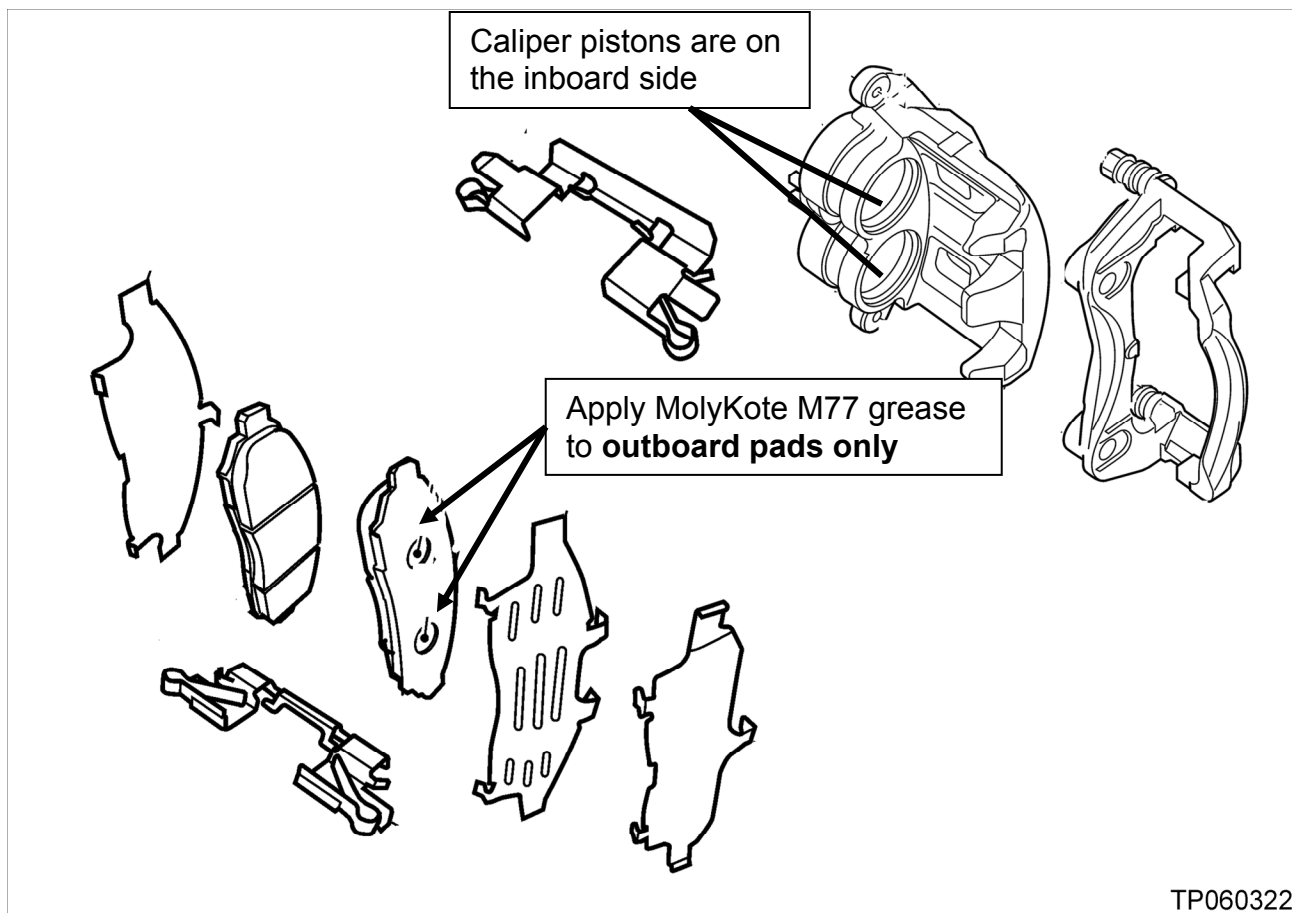


Figure 1

- Make sure to install the brake pad spreader spring as shown in Figure 2.

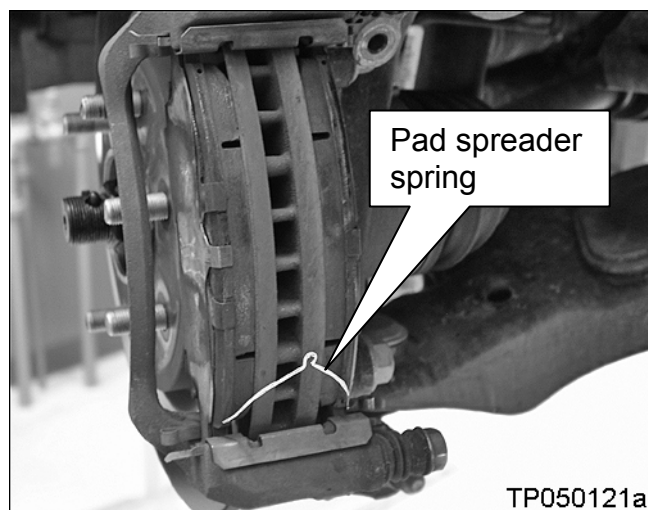


Figure 2

Rear Brakes

2. Replace the rear brake pads and brake hardware using all of the parts in the hardware kit.

- Make sure to use the new brake pads and new brake pad shims (included in the hardware kit).
- Refer to section BR in the Service Manual (ESM) for brake pad replacement and brake service information.

IMPORTANT: Apply Molykote® M77 grease to the back side of the inboard brake pads **ONLY** (see Figure 3).

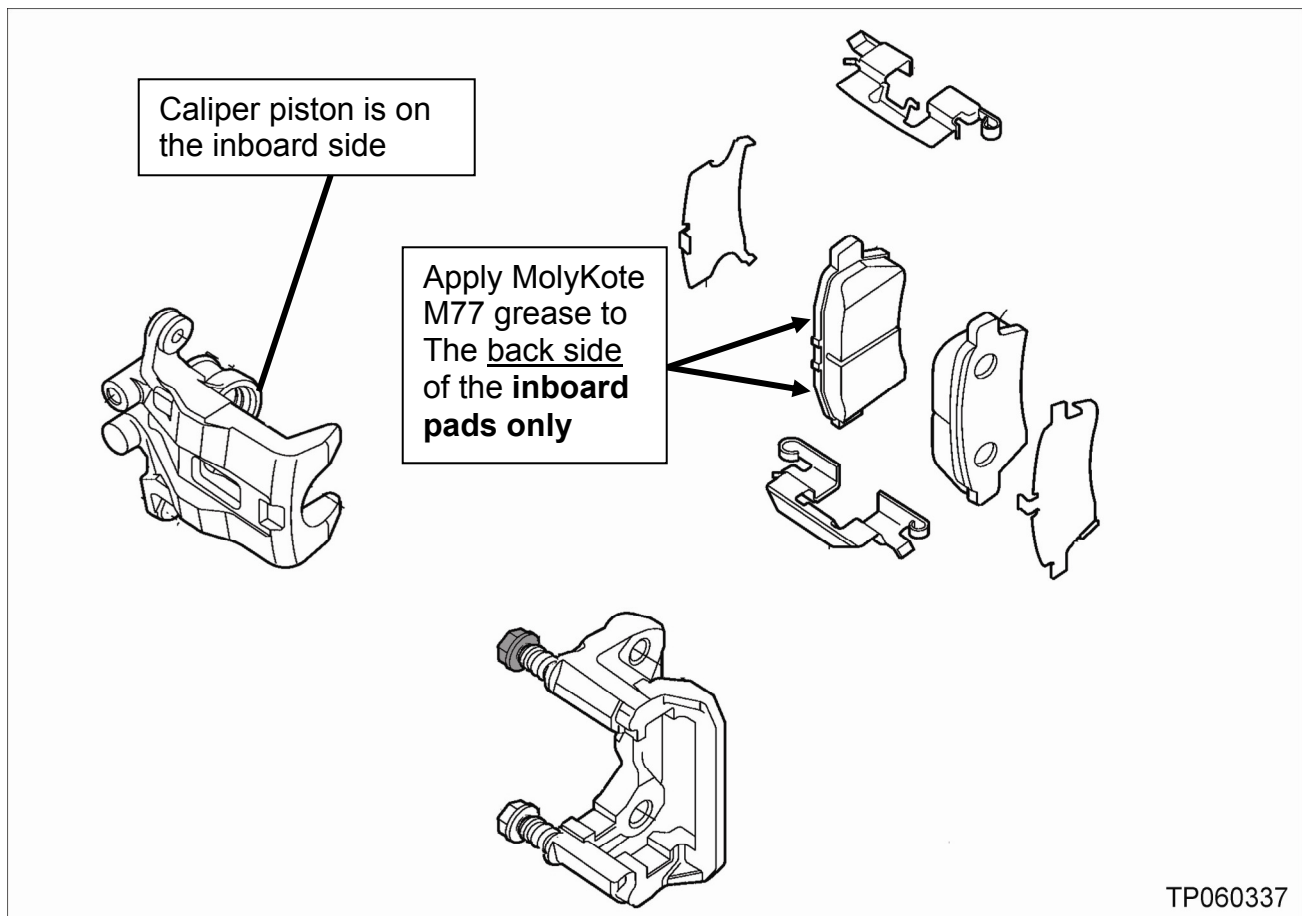


Figure 3

3. Reinstall all other parts removed in reverse order.

- Use a torque wrench to tighten the wheel lug nuts to 133 N·m (14 kg-m, 98 ft-lb).

CAUTION: Do not tighten the wheel lug nuts with an air impact driver. Uneven or high torque applied to the lugs may “distort” (warp) the brake rotor and hub. This may result in increased rotor runout and excessive rotor thickness variation as the rotor wears.

4. Burnish the brake pads.

A. Drive the vehicle on a straight smooth road at about 30 mph (50 kph).

B. Use medium brake pedal/foot effort to bring the vehicle to a complete stop from about 30 mph (50 kph). Adjust your pedal/foot pressure so that the vehicle stopping time is 3-5 seconds.

C. Cool the brake system by driving at about 30 mph (50 kph) for approximately one minute without stopping.

D. Repeat A, B and C (above) ten times to complete the burnishing process.

5. Test drive the vehicle to confirm the brake squeaking noise is gone.

