



SERVICE BULLETIN

Classification:

RA04-002f

Reference:

NTB04-113f

Date:

August 16, 2012

2004-2010 ARMADA; CLICKING NOISE FROM REAR AXLES DURING TAKE-OFF / ACCELERATION

This bulletin has been amended. Changes have been made on all pages.
Please discard previous versions of this bulletin.

APPLIED VEHICLE: 2004 – 2010 Armada (TA60)

APPLIED VINS 2004 – 2009 vehicles – all VINs

2010 **2WD** built before – 5N1(*)A0N(**)AN 623062

2010 **4WD** built before – 5N1(*)A0N(**)AN 623637

APPLIED DATE: Built before July 30, 2010

IF YOU CONFIRM:

An applied vehicle has a “clicking” noise coming from the rear axles during take-off / acceleration.

ACTIONS:

1. Clean the back of the rear axle hub bearing and apply a minimum 1.0g of Molykote M77 grease to the surfaces (**only** where it contacts the rear axles).
2. Re-secure the axle lock nuts using a **new lower** torque specification:
180 - 185 N•m (18 - 19 kg-m, **133 - 136 ft-lb**)
3. Install adjusting caps with new cotter pins over the axle lock nuts.

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 as it contains information that is essential to successfully completing the 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	PART NUMBER	QUANTITY
Molykote M77 Grease (1)	44003-7S000 (2)	As needed
Cap – Adjusting	40263-1CA0A	2
Pin – Cotter	40073-0L700	2

(1) Molykote M77 Grease (P/N 44003-7S000) is considered a shop supply – Do NOT include it on your warranty claim.

(2) Order from your local Parts Distribution Center (PDC).

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
BOTH SIDES – Apply grease to rear hubs	43202-7S000	NX22AA	ZL	21	0.7 hrs.

NOTE: Molykote M77 Grease (P/N 44003-7S000) is considered a shop supply – Do NOT include it on your warranty claim.

SERVICE PROCEDURE

NOTE:

- Photos in this procedure are of the left rear axle. The right rear axle is a mirror image.
- Make sure to perform this procedure on both rear axles.

1. Lift the vehicle on a hoist.
2. Remove the rear wheels.
3. If needed, clean dirt and debris from the back side of the rear hub assemblies.

NOTE: Rear axles will be pulled a few inches out of the hubs. Cleaning the back side of the hub assemblies will prevent dirt and debris for entering the axle bearing area.

4. Remove the rear axle cotter pin.

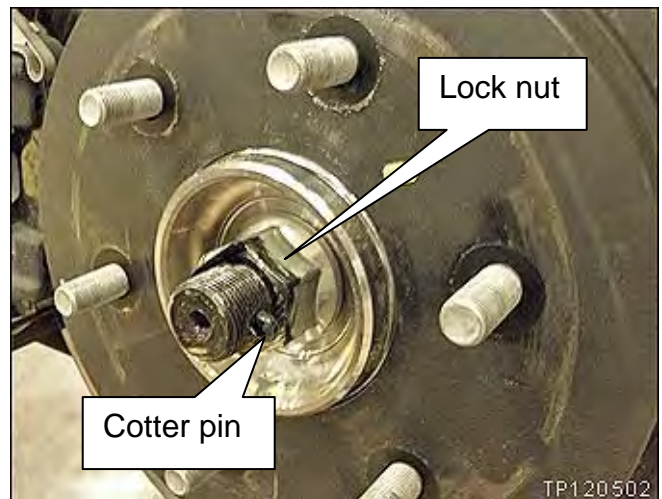


Figure 1

5. Loosen / back-off the axle lock nut.
- Do not remove the nut.
 - Back off the nut so it is flush with the end of the axle.



Figure 2

6. Tap / slide the axle a few inches inward, out of the hub.
- Use a soft hammer, such as a dead-blow or brass type.
 - Using a soft hammer will help prevent damage to the axle threads.



Figure 3

7. On the back side of the hub, use a clean dry cloth to clean any existing grease, dirt, or foreign material from between the axle and bearing.

NOTE: Completely removing the axle lock nut will allow the axle to slide further out of the hub and provide more working room between the axle and the bearing.



Figure 4

8. Apply a minimum of 1.0g of Molykote M77 Grease in an even coating to the bearing surface where it contacts the rear axle (see Figures 5 and 6).

- Use **only** Molykote M77 grease (P/N 44003-7S000). **Do not use any other grease.**



Figure 5

NOTE:

- Figure 6 shows the hub removed.
- This is done to provide a better view of the area where grease is to be applied.
- It is not necessary to remove the hub for grease application.

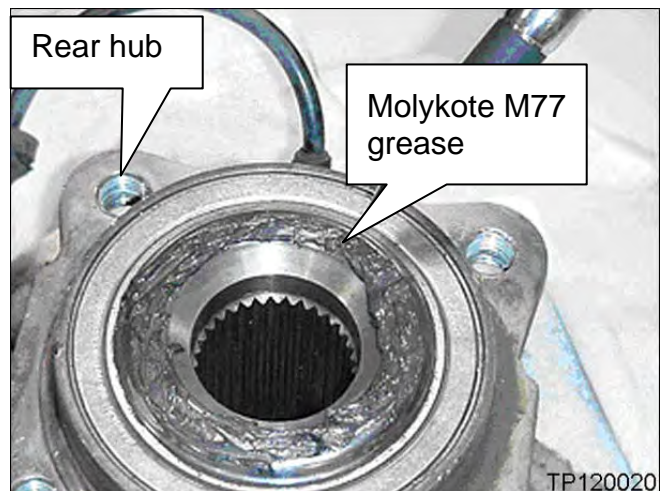


Figure 6

9. Slide the axle back into place (outward).

NOTE: Make sure there is **NO GREASE** on the threads of the axle or lock nut.



Figure 7

10. Tighten / torque the axle lock nut to:
180-185 N•m (18-19 kg-m, **133 - 136 ft-lb**)

NOTE:

- The above torque specification is **new**. It is **lower** than the torque specification listed in the Service Manual.
- The new torque specification **must** be used in conjunction with the adjusting cap (see Figure 9).



Figure 8

11. Install an adjusting cap over the axle lock nut.

12. Install a **new** cotter pin.

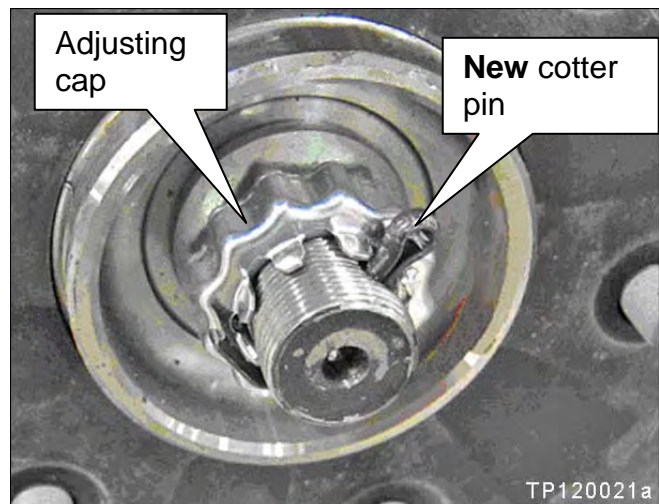


Figure 9

13. Make sure to perform this procedure for both rear axles.

14. Reinstall the rear wheels:

- Tighten wheel nuts in three stages using a “star” pattern.
- Final torque 133 N•m (14 kg-m, **98 ft-lb**).

15. Test drive to confirm the click noise is fixed.