



SERVICE CAMPAIGN BULLETIN

Reference:

NTB12-048

Date:

August 16, 2012

VOLUNTARY SERVICE CAMPAIGN 2010 – 2012 REAR AXLE CLICK

CAMPAIGN ID #: PC142

APPLIED VEHICLES: 2010 – 2012 Armada (TA60)

Check Service COMM to confirm campaign eligibility.

INTRODUCTION

Nissan is conducting a voluntary service campaign on certain Model Year 2010 – 2012 Armada vehicles to apply grease to the rear axle bearings. This grease will prevent the possible occurrence of a click noise on acceleration. This service will be performed at no charge for parts or labor.

IDENTIFICATION NUMBER

Nissan has assigned identification number PC142 to this campaign. This number must appear on all communications and documentation of any nature dealing with this campaign.

DEALER RESPONSIBILITY

Dealers are to correct each vehicle falling within the range of this campaign that enters the service department. This includes vehicles purchased from private parties or presented by transient (tourist) owners and vehicles in a dealer's inventory.

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.

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.

NOTE: If there is an adjusting cap over the lock nut – remove the adjusting cap.

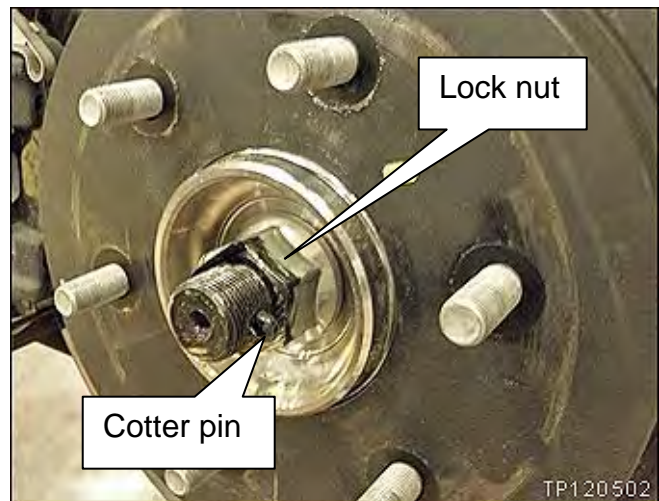


Figure 1

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.**

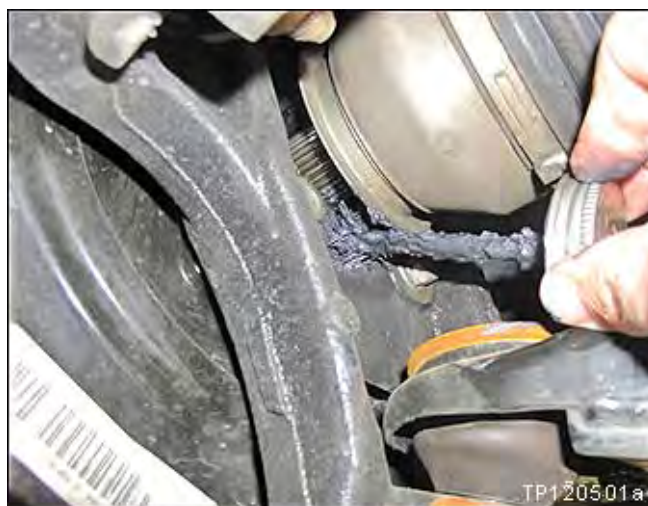


Figure 5

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.

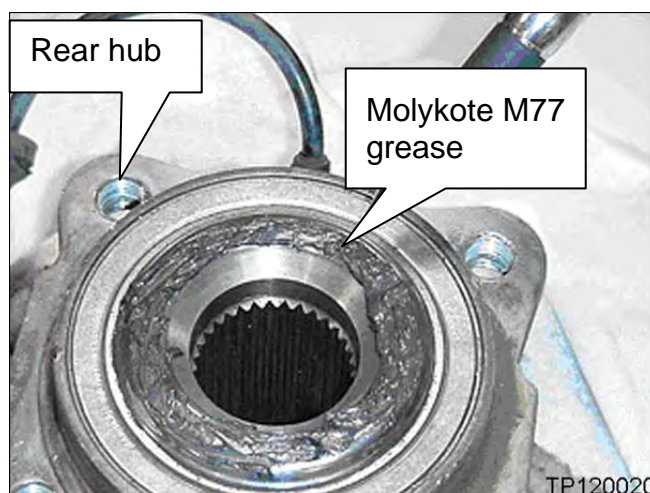


Figure 6

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.

NOTE:

- Some 2012 model year vehicles came from the factory with an adjusting cap, it can be reused.
- For vehicles that did not come from the factory with an adjusting cap, install one at this time.

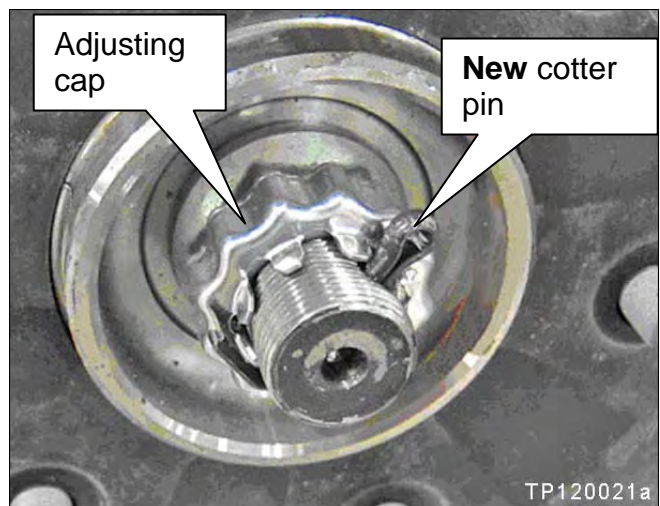


Figure 9

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

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**).

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
Molykote M77 Grease *	44003-7S000 **	As needed
Cap – Adjusting	40263-1CA0A	2, As Needed ***
Pin – Cotter	40073-0L700	2

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

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

*** Use a new one only if the old one is damaged or if the vehicle does not have one.

CLAIMS INFORMATION

Submit a Campaign (CM) line claim using the following claims coding:

CAMPAIGN (CM) I.D. #	DESCRIPTION	OP CODE	FRT
PC142	Apply Grease to Rear Hubs – Both Sides	PC1420	0.7 hrs.

OWNER'S LETTER

Dear Nissan Armada Owner:

Nissan is committed to providing the highest levels of product quality and customer satisfaction. We believe that our current and future success depends on your continued satisfaction with Nissan. With that in mind, we want to bring to your attention important information regarding your vehicle.

REASON FOR SERVICE CAMPAIGN

Some potentially affected 2010-2012 Armada vehicles may experience a clicking noise in the rear axle area due to incorrect grease application. This is not a safety issue, and the vehicle still meets and/or exceeds all applicable safety standards.

WHAT NISSAN WILL DO

To assure your continued satisfaction and confidence in your vehicle, your Nissan dealer will clean and apply the correct grease as appropriate, re-torque the hub nut, and apply an anti-loose cap at **no charge to you for parts or labor**. The service should take less than an hour to complete, but your Nissan dealer may require your vehicle for a longer period of time based upon their work schedule.

WHAT YOU SHOULD DO

Contact your Nissan dealer at your earliest convenience in order to arrange an appointment. **To ensure the least inconvenience for you, it is important that you have an appointment before bringing your vehicle to the Nissan dealer for service.** Please bring this notice with you when you keep your service appointment. Instructions have been sent to your Nissan dealer.

If the dealer fails, or is unable to complete the service free of charge, you may contact the National Consumer Affairs Department, Nissan North America, Inc., P.O. Box 685003, Franklin, TN 37068-5003. The toll free number is 1-800-NISSAN1 (1-800-647-7261).

Thank you for providing us an opportunity to ensure on-going satisfaction with your Nissan vehicle.

