

Classification:

RA07-004b

Reference:

ITB08-018b

COPYRIGHT© NISSAN NORTH AMERICA, INC.

Date:

January 13, 2009

CLICKING NOISE FROM REAR AXLES

This bulletin contains amended Claims Information.
Discard all earlier versions of this bulletin.

APPLIED VEHICLES: 2008 - 2009 G37 Coupe (CV36)
2009 FX35/FX50 (S51)
2008 - 2009 EX35 (J50)
2007 - 2009 M35/M45 (Y50)
2007 - 2009 G35 Sedan (V36)

IF YOU CONFIRM:

A "clicking" noise is coming from the left and/or right rear axle (driveshaft) when accelerating from a stop.

NOTE: If any other types of noise are observed or heard under other conditions this bulletin does not apply. Consult your ASIST service information for any other issue.

ACTION:

Remove both left and right driveshafts, clean the flange surface of the outer joints on the driveshafts and apply a specific amount of Molykote M77 grease. Refer to the Service Procedure in this bulletin for details.

NOTE: This is the only approved service procedure to repair this incident.

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 3) as it contains information that is essential to successfully completing this repair.

Infiniti 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 Infiniti dealer to determine if this applies to your vehicle.

PARTS INFORMATION

| DESCRIPTION | PART NUMBER | QUANTITY |
|-----------------------------------|--------------------|-----------------|
| Molykote M77 Grease | 44003-7S000 | 1.2g-4.0g * |
| Bolts (Driveshaft Side Flange) | 39606-17V0A | 12 |
| Cotter Pin | 40073-0L700 | 2 |
| Nut-Lock, Wheel BRG | 40262-2Y000 | 2 |

* Per axle. Order in bulk form with this part number from your local Parts Distribution Center (PDC).

NOTE: P/N 44003-7S000 is considered a shop supply – do NOT include it on your warranty claim.

CLAIMS INFORMATION

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

| DESCRIPTION | PFP | OP CODE | SYM | DIA | FRT |
|---|------------|----------------|------------|------------|------------|
| Repair Rear Driveshaft Noise – Both Sides | (1) | NH19AA | ZL | 32 | (2) |

(1) Reference the FAST Parts Catalog and use either the applicable Left or Right Rear Wheel Drive Shaft P/N as the PFP

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

SERVICE PROCEDURE

1. Remove one of the rear axles (driveshafts).

- Refer to section RAX in the Service Manual for the driveshaft removal information.
- **IMPORTANT:** Make sure to mark the driveshaft and hub as shown in Figure 1 before removing the driveshaft.

Put a mark on the end of the driveshaft and a matching mark on the hub as shown in Figure 1.

NOTE: These marks will be used when reinstalling the driveshaft.

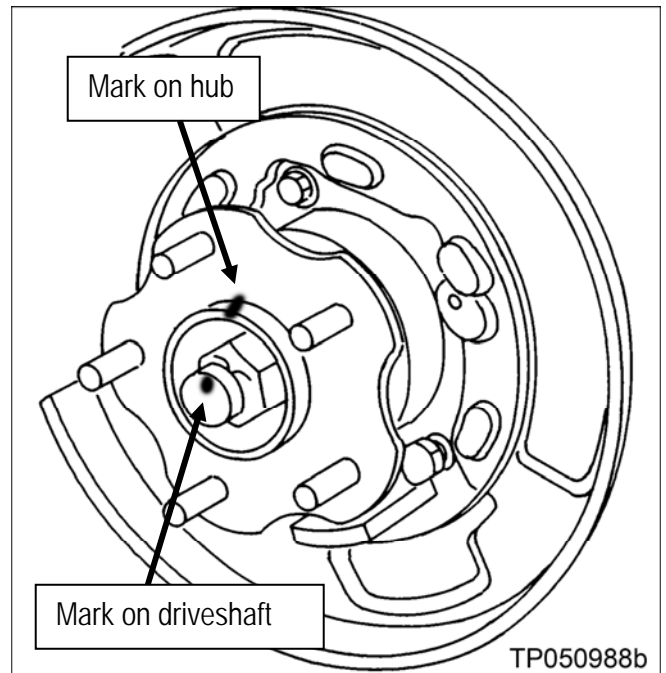


Figure 1

2. Collect 1.2 – 4.0g of Molykote M77 grease.

- This is the amount for one axle.
- The approximate amount is illustrated in Figure 2.
- Molykote M77 grease is listed in the Parts Information.



Figure 2

3. Clean the flange surface of the outer joint of the driveshaft.
4. Apply exactly 1.2-4.0g of Molykote M77 grease to the entire flat surface of the outer joint on the driveshaft.

IMPORTANT: The amount of grease used is critical for success of the repair. **Do not** use too much or too little.

- Cover the width shown in "A" below.
- Cover the entire circumference of that width.
- Cover it evenly.

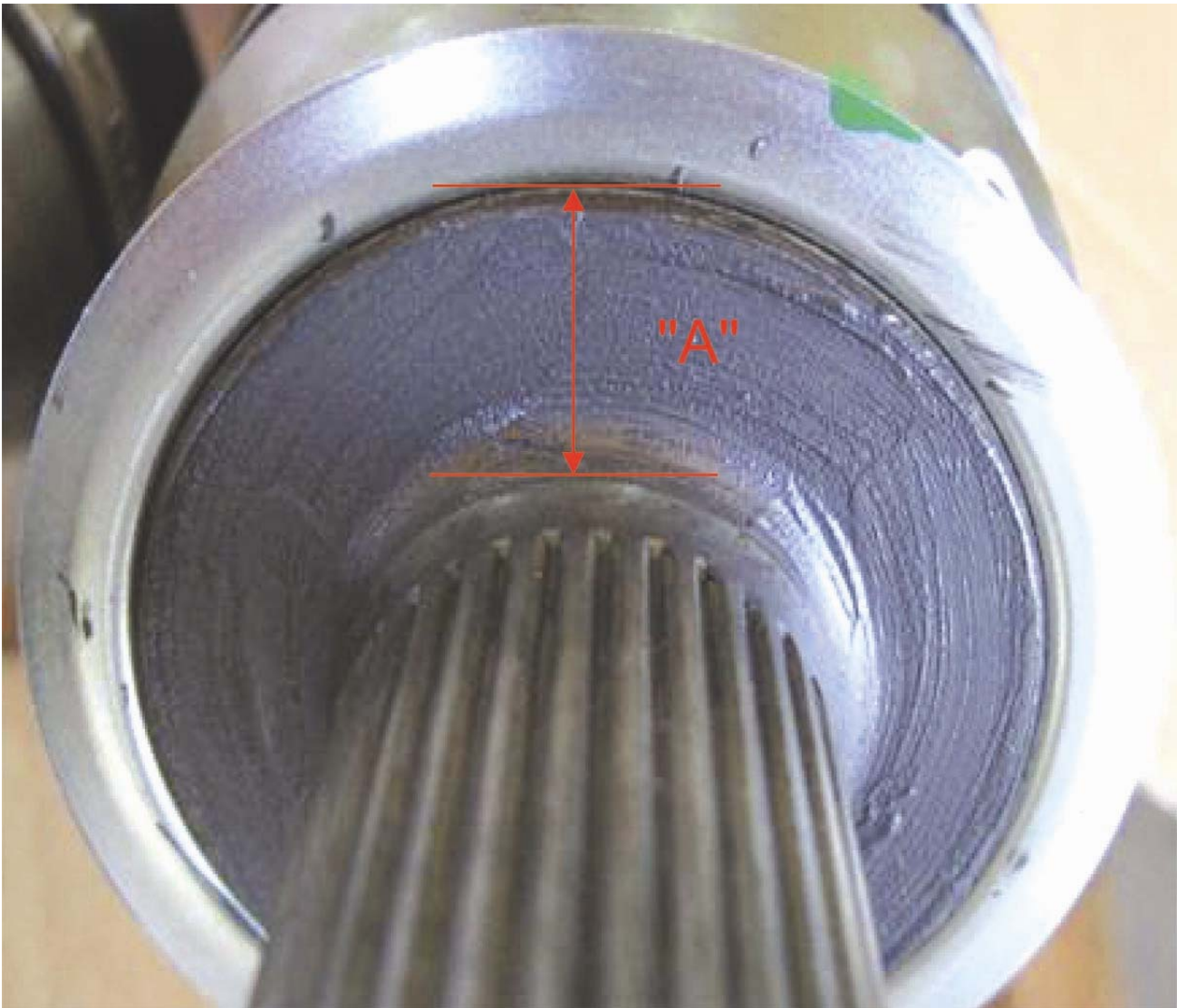


Figure 3

5. Re-install the driveshaft in reverse order of removal, making sure to:

- a. Install the driveshaft 180° from the position it was removed.
 - Use the marks you made in step 1.

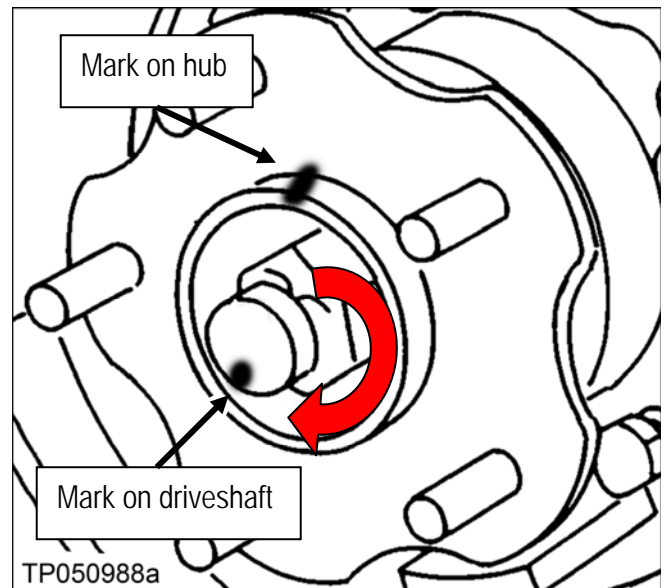


Figure 4

b. Replace the used center locknut with a new one.

c. Tighten the center locknut to 180 – 185 N-m (18.4 - 18.8 kg-m, 133 - 136 ft-lb) with a torque wrench.

IMPORTANT:

- **DO NOT use a power tool (impact wrench) to tighten the center locknut.**
- If the center locknut is tightened more than 185 N-m (18.8 kg-m, 136 ft-lb), the clicking noise could occur.
- If the center locknut is tightened less than 180 N-m (18.4 kg-m, 133 ft-lb), looseness could occur.
- If the center locknut is reused, the clicking noise could occur.

d. Install new side flange bolts.

- Tighten them to 73 Nm (7.5 kg-m, 54 ft-lb).
- Side flange bolts are listed in the Parts Information.

6. Perform steps 1-5 on the other driveshaft.

7. Test drive the vehicle and confirm the clicking noise is gone.