



# SERVICE BULLETIN

Classification: FA12-001e	Reference: NTB12-055e	Date: July 10, 2015
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## CLICKING NOISE FROM FRONT OR REAR AXLE DURING TAKE-OFF/ACCELERATION

This bulletin has been amended to add models and update to the current model year  
Please discard previous versions.

<b>APPLIED VEHICLES:</b>	2010–2016 370Z Coupe & Roadster (Z34)	2010–2013 Rogue (S35)
	2010–2013 Altima Coupe (CL32)	2014–2015 Rogue Select (S35)
	2010–2011 Altima Hybrid (L32H)	2014–2015 Rogue (T32)
	2010–2015 Altima Sedan (L32/L33)	2010–2015 Sentra (B16/B17)
	2011–2014 Cube (Z12)	2007–2015 Versa Sedan (C11/N17)
	2011–2015 Juke (F15)	2007–2012 Versa Hatchback (C11)
	2011–2015 LEAF (ZE0)	2014–2015 Versa Note (E12)
	2010–2014 Maxima (A35)	2013–2015 NV200 (M20)
	2010–2014 Murano (Z51)	2014–2015 NV200 <b>Taxi</b> (M20)
	2010–2015 Pathfinder (R51/R52)	
	2011–2015 Quest (E52)	

### IF YOU CONFIRM

“Clicking” noise coming from either left or right front/rear CV-type axles during take-off/acceleration.

### ACTION

Apply Molykote® M77 grease (P/N 44003-7S000) to the hub bearing surfaces.

### NOTE:

- Do not remove the axle from the hub or transmission for this bulletin.
- Refer to the Electronic Service Manual (ESM) for model-specific torque specifications.
  - For 2007-2015 Versa and 2013 LEAF vehicles, see the Service Procedure torque specifications on page 3.

**IMPORTANT:** The purpose of “ACTION” (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.

## SERVICE PROCEDURE

**NOTE:** The photos in this procedure are examples and may not look exactly like the vehicle you are working on.

1. Remove the front or rear (depending on model) wheel bearing Cotter Pin and Lock Nut from the axle.

**NOTE:** Do not remove the axle from the hub or transmission for this bulletin.

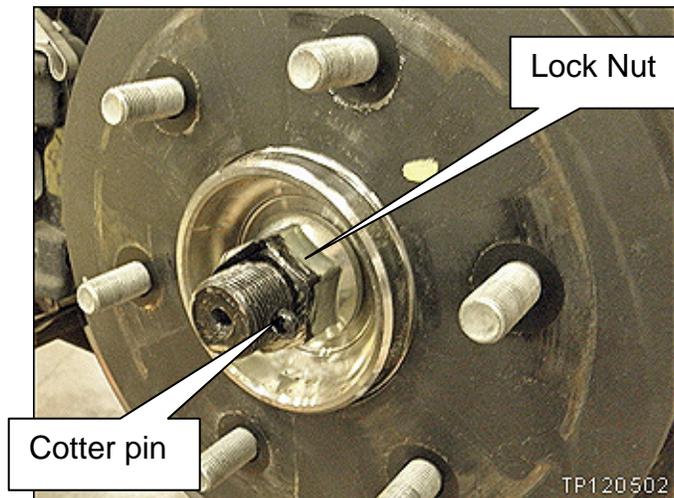


Figure 1

2. Push axle back to allow application of Molykote® M77 Grease.
3. Apply a moderate coat of Molykote® (P/N 44003-7S000) to the entire (front or rear) wheel hub bearing surface (see Figure 2).
4. Re-install the (front or rear) wheel bearing Lock Nut and Cotter Pin.

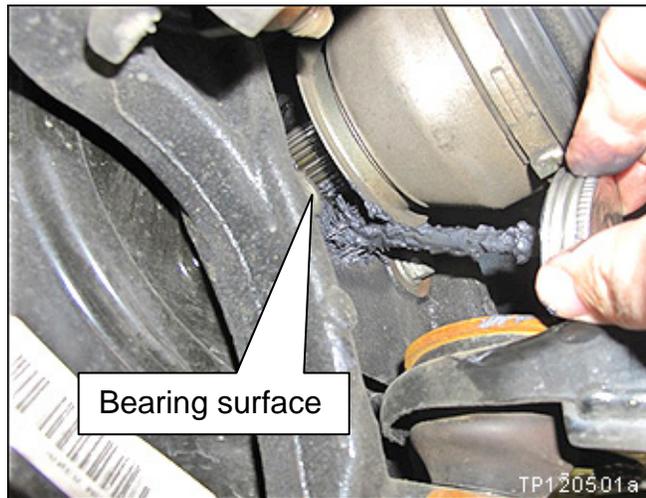


Figure 2

- Refer to the model-specific ESM for wheel bearing Lock Nut replacement requirements and torque specifications.
- For LEAF vehicles: Install the washer listed in the Parts Information before installing the new Lock Nut.

**IMPORTANT:** Please see page 3 for important torque information on:

- **2007-2015 Versa (Hatchback, Sedan, Note)**
- **2013 LEAF**

**IMPORTANT (for 2007-2015 Versa Sedan, Versa Hatchback, Versa Note only):**

- Tighten the center Lock Nut to 180 N•m (18.4 kg-m, **133 ft-lb**) with a torque wrench.
  - If the center Lock Nut is tightened more than 180 N•m (18.4 kg-m, **133 ft-lb**), the clicking noise could occur.
  - If the center Lock Nut is tightened less than 180 N•m (18.4 kg-m, **133 ft-lb**), looseness could occur.
  - If the center Lock Nut is reused, the clicking noise could occur.

**IMPORTANT (for 2013 LEAF only):**

- Install the washer.
- Tighten the center Lock Nut to 121 N•m (12.3 kg-m, **89 ft-lb**) with a torque wrench.
  - If the center Lock Nut is tightened more than 121 N•m (12.3 kg-m, **89 ft-lb**), the clicking noise could occur.
  - If the center Lock Nut is tightened less than 121 N•m (12.3 kg-m, **89 ft-lb**), looseness could occur.
  - If the center Lock Nut is reused, the clicking noise could occur.

5. Test drive the vehicle to confirm the issue is resolved.

## PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
Cotter Pin	40073-0L700	As Needed
Molykote M77 Grease	44003-7S000	As Needed (1)
Nut-Lock, Wheel Bearing	(2)	As Needed (3)
Nut-Lock, Wheel Bearing (For <b>LEAF</b> only)	40262-1CA0A	As Needed
Washer (For <b>LEAF</b> only)	40037-1CA0A	As Needed

- (1) Order from your local Parts Distribution Center (PDC).  
 (2) Refer to the Electronic Parts Catalogue (FAST or equivalent) for model specific part number.  
 (3) Refer to the applicable ESM for replacement requirements.

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

## CLAIMS INFORMATION

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

### ONE SIDE

#### Versa & Cube

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
APPLY GREASE TO FRONT BEARING SURFACE (ON CAR, ONE SIDE)	(1)	MX22AA	ZL	21	0.4

- (1) Reference the FAST part catalog and use front hub bearing part number as the PFP.

#### Altima, Sentra, Quest, Juke, Rogue, Maxima, Murano, 370Z, LEAF, Pathfinder, NV200, NV200 Taxi

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
APPLY GREASE TO BEARING SURFACE (ON CAR, ONE SIDE)	(1)	MX22AA	ZL	21	0.5

- (1) Reference the FAST part catalog and use front hub bearing part number as the PFP.

## **BOTH SIDES**

### **Versa & Cube**

<b>DESCRIPTION</b>	<b>PFP</b>	<b>OP CODE</b>	<b>SYM</b>	<b>DIA</b>	<b>FRT</b>
APPLY GREASE TO FRONT BEARING SURFACE (ON CAR, BOTH SIDES)	(1)	MX23AA	ZL	21	0.5

(1) Reference the FAST part catalog and use front hub bearing part number as the PFP.

### **Altima, Sentra, Quest, Juke, Rogue, Maxima, Murano, LEAF, Pathfinder, NV200, NV200 Taxi**

<b>DESCRIPTION</b>	<b>PFP</b>	<b>OP CODE</b>	<b>SYM</b>	<b>DIA</b>	<b>FRT</b>
APPLY GREASE TO BEARING SURFACE (ON CAR, BOTH SIDES)	(1)	MX23AA	ZL	21	0.6

(1) Reference the FAST part catalog and use front hub bearing part number as the PFP.

### **370Z**

<b>DESCRIPTION</b>	<b>PFP</b>	<b>OP CODE</b>	<b>SYM</b>	<b>DIA</b>	<b>FRT</b>
APPLY GREASE TO REAR BEARING SURFACE (ON CAR, BOTH SIDES)	(1)	MX23AA	ZL	21	0.7

(1) Reference the FAST part catalog and use front hub bearing part number as the PFP.

