



# SERVICE BULLETIN

Classification: RA09-004f	Reference: NTB10-029f	Date: September 23, 2020
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## NISSAN; VIBRATION AND/OR NOISE WHEN MAKING LOW SPEED TURNS

This bulletin has been amended. See **AMENDMENT HISTORY** on the last page.  
Please discard previous versions of this bulletin.

<b>APPLIED VEHICLES:</b>	2019 Altima (L34) 2003-2019 Murano (Z50, Z51, Z52) 2011-2014 Murano Cross Cabriolet (Z51) 2016 Murano Hybrid (Z52H) 2013-2019 Pathfinder (R52) 2014-2015 Pathfinder Hybrid (R52H) 2008-2013 Rogue (S35) 2014-2015 Rogue Select (S35) 2017-2018 Rogue Hybrid (T32H)	}	<b>AWD/4WD ONLY</b>
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### IF YOU CONFIRM

There is a vibration or judder feeling from the rear of the vehicle during the following conditions:

- When making turns
- On dry roads
- At low speeds (under 40 MPH)

### And

- The above vibration does not occur if the Electric Controlled Coupling is electrically disconnected.

**NOTE:** In some cases, electrically disconnecting the Electric Controlled Coupling may not eliminate the vibration as described above. In these cases, further confirm the incident by removing the rear propeller shaft and retest. If the vibration **does not occur** with the rear propeller shaft removed, the incident is confirmed.

**IMPORTANT:** Tire size, brand or tread pattern mismatches can cause similar symptoms. To avoid tire related mismatch vibration, it is recommended that when tires need to be replaced, all tires are replaced at the same time with tires of the proper size, same brand and pattern.

See **ACTION** on page 2.

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.

## ACTION

Replace the Electric Controlled Coupling for the rear final drive.

- **DO NOT** replace the entire Rear Final Drive assembly for this incident, if it should occur.
- **DO NOT** remove the Rear Final Drive assembly for this procedure. The Electric Controlled Coupling can be replaced with the Rear Final Drive in the vehicle.
- Refer to the Electronic Service Manual (ESM) for removal and installation information.
  - For Altima: **REPAIR > TRANSMISSION & DRIVELINE > DRIVELINE > REMOVAL AND INSTALLATION > ELECTRIC CONTROLLED COUPLING.**
  - For 2003-2007 Murano: Section **RFD – Rear Final Drive.**
  - For Pathfinder: **TRANSMISSION & DRIVELINE > DRIVELINE > REAR FINAL DRIVE:R145K1 > REMOVAL AND INSTALLATION > ELECTRIC CONTROLLED COUPLING.**
  - For all other Applied Vehicles: **TRANSMISSION & DRIVELINE > DRIVELINE > REAR FINAL DRIVE:R145 > REMOVAL AND INSTALLATION > ELECTRIC CONTROLLED COUPLING.**

## UNIT CHARACTERISTICS WRITING

Performing “Unit Characteristics Writing” of the Electric Controlled Coupling with CONSULT-III plus **is required** on some models when replacing the Electric Controlled Coupling.

- For Altima, refer to the ESM: **TROUBLE DIAGNOSIS > TRANSMISSION & DRIVELINE > DRIVELINE > BASIC INSPECTION > AWD SYSTEM > UNIT CHARACTERISTICS WRITING.**
- For 2015-2019 Murano, 2016 Murano Hybrid, Pathfinder and Pathfinder Hybrid, and Rogue Hybrid, refer to the ESM: **TRANSMISSION & DRIVELINE > DRIVELINE > TRANSFER: TY21C > BASIC INSPECTION > UNIT CHARACTERISTICS WRITING.**

## PARTS INFORMATION

### For Model:

**2019 Altima (L34)**

DESCRIPTION	PART #	QUANTITY
BREATHER	38322-4BF2A	1
BREATHER, FINAL DRIVE	38322-6CC0A	1
CPLG ASSY-ELEC (Electric Controlled Coupling)	38761-(****) (1)	1
NUT (PROPELLER SHAFT)	37171-(****) (1)	4
STUD (REAR COUPLING)	38764-(****) (1)	4
3 BOND GSKT MKR-RTV (2) (3)	999MP-1217FPP	(4)

- (1) Use the VIN and the Electronic Parts Catalog to look up the part number for the vehicle you are working on.
- (2) This product is considered a shop supply; do not include it on your warranty claim.
- (3) Order this item through the Nissan Maintenance Advantage program:  
Phone 877-NIS-NMA1 (877-647-6621). Website order via link on the dealer portal:  
[www.NNAnet.com](http://www.NNAnet.com) and click on the "Maintenance Advantage-Tire/Battery/Chemical"  
link.
- (4) As needed.

**For Models:**

**2003-2007 Murano (Z50)**

**2009-2014 Murano (Z51)**

**2011-2014 Murano Cross Cabriolet (Z51)**

**2008-2013 Rogue (S35)**

**2014-2015 Rogue Select (S35)**

<b>DESCRIPTION</b>	<b>PART #</b>	<b>QUANTITY</b>
BOLT (PROPELLER SHAFT)	37120-(*****) (1)	8
CENTER OIL SEAL	38189-(*****) (1)	1
COMPANION FLANGE LOCK NUT	38216-(*****) (1)	1
CPLG ASSY-ELEC (Electric Controlled Coupling)	38761-(*****) (1)	1
FRONT OIL SEAL	38189-(*****) (1)	1
NUT (PROPELLER SHAFT CENTER BEARING)	01223-(*****) (1)	2
NUT (PROPELLER SHAFT)	37171-(*****) (1)	8
3 BOND GSKT MKR-RTV (2) (3)	999MP-1217FPP	(4)

- (1) Use the VIN and the Electronic Parts Catalog to look up the part number for the vehicle you are working on.
- (2) This product is considered a shop supply; do not include it on your warranty claim.
- (3) Order this item through the Nissan Maintenance Advantage program:  
Phone 877-NIS-NMA1 (877-647-6621). Website order via link on the dealer portal:  
[www.NNAnet.com](http://www.NNAnet.com) and click on the "Maintenance Advantage-Tire/Battery/Chemical"  
link.
- (4) As needed.

**For Models:**

**2015-2019 Murano (Z52)**

**2016 Murano Hybrid (Z52H)**

DESCRIPTION	PART #	QUANTITY
CPLG ASSY-ELEC (Electric Controlled Coupling)	38761-(*****) (1)	1
DRIVE PINION OIL SEAL	38189-(*****) (1)	1
NUT (PROPELLAR SHAFT)	37171-(*****) (1)	4
STUD (REAR COUPLING)	38764-(*****) (1)	4
3 BOND GSKT MKR-RTV (2) (3)	999MP-1217FPP	(4)

- (1) Use the VIN and the Electronic Parts Catalog to look up the part number for the vehicle you are working on.
- (2) This product is considered a shop supply; do not include it on your warranty claim.
- (3) Order this item through the Nissan Maintenance Advantage program:  
Phone 877-NIS-NMA1 (877-647-6621). Website order via link on the dealer portal:  
[www.NNAnet.com](http://www.NNAnet.com) and click on the “Maintenance Advantage-Tire/Battery/Chemical” link.
- (4) As needed.

**For Models:**

**2017-2018 Rogue Hybrid (T32H)**

DESCRIPTION	PART #	QUANTITY
BREATHER	38356-(*****) (1)	1
CPLG ASSY-ELEC (Electric Controlled Coupling)	38761-(*****) (1)	1
NUT (PROPELLAR SHAFT)	37171-(*****) (1)	4
STUD (REAR COUPLING)	38764-(*****) (1)	4
3 BOND GSKT MKR-RTV (2) (3)	999MP-1217FPP	(4)

- (1) Use the VIN and the Electronic Parts Catalog to look up the part number for the vehicle you are working on.
- (2) This product is considered a shop supply; do not include it on your warranty claim.
- (3) Order this item through the Nissan Maintenance Advantage program:  
Phone 877-NIS-NMA1 (877-647-6621). Website order via link on the dealer portal:  
[www.NNAnet.com](http://www.NNAnet.com) and click on the “Maintenance Advantage-Tire/Battery/Chemical” link.
- (4) As needed.

**For Models:**

**2013-2019 Pathfinder (R52)**

**2014-2015 Pathfinder Hybrid (R52H)**

DESCRIPTION	PART #	QUANTITY
BOLT (PROPELLER SHAFT)	37120-(****) (1)	4
BREATHER, FINAL DRIVE	38322-3JA1A	1
CONNECTOR, BREATHER	17235-CA010	1
CPLG ASSY-ELEC (Electric Controlled Coupling)	38761-(****) (1)	1
NUT (PROPELLER SHAFT)	37171-(****) (1)	4
NUT (TORSIONAL DAMPER)	37171-(****) (1)	4
3 BOND GSKT MKR-RTV (2) (3)	999MP-1217FPP	(4)

- (1) Use the VIN and the Electronic Parts Catalog to look up the part number for the vehicle you are working on.
- (2) This product is considered a shop supply; do not include it on your warranty claim.
- (3) Order this item through the Nissan Maintenance Advantage program:  
Phone 877-NIS-NMA1 (877-647-6621). Website order via link on the dealer portal:  
[www.NNAnet.com](http://www.NNAnet.com) and click on the "Maintenance Advantage-Tire/Battery/Chemical"  
link.
- (4) As needed.

## CLAIMS INFORMATION

### **For Models:**

2019 Altima (L34)  
2015-2019 Murano (Z52)  
2016 Murano Hybrid (Z52H)  
2013-2019 Pathfinder (R52)  
2014-2015 Pathfinder Hybrid (R52H)  
2017-2018 Rogue Hybrid (T32H)

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Replace Electric Coupling Assy	(1)	LB65AA	ZL	21	(2)

- (1) Reference the Electronic Parts Catalog and use the Electric Coupling (38761-\*\*\*\*\*) as the Primary Failed Part (PFP).
- (2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated Flat Rate Time.

### **For Models:**

2003-2014 Murano (Z50, Z51)  
2011-2014 Murano Cross Cabriolet (Z51)  
2008-2013 Rogue (S35)  
2014-2015 Rogue Select (S35)

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Replace Electric Coupling Assy	(1)	LB88AA	ZL	21	(2)

- (1) Reference the Electronic Parts Catalog and use the Electric Coupling (38761-\*\*\*\*\*) as the Primary Failed Part (PFP).
- (2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated Flat Rate Time.

## AMENDMENT HISTORY

<b>PUBLISHED DATE</b>	<b>REFERENCE</b>	<b>DESCRIPTION</b>
February 25, 2010	NTB10-029	Original bulletin published.
October 5, 2011	NTB10-029a	APPLIED VEHICLES section revised.
September 24, 2015	NTB10-029b	APPLIED VEHICLES and PARTS INFORMATION sections, page 1, and Title revised.
November 16, 2015	NTB10-029c	CLAIMS INFORMATION section revised.
September 28, 2018	NTB10-029d	APPLIED VEHICLES and PARTS INFORMATION sections revised.
November 12, 2018	NTB10-029e	APPLIED VEHICLES and PARTS INFORMATION sections revised.
September 23, 2020	NTB10-029f	APPLIED VEHICLES, PARTS INFORMATION and CLAIMS INFORMATION sections revised.