



SERVICE BULLETIN

Classification: RA09-004e	Reference: NTB10-029e	Date: November 12, 2018
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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.

- APPLIED VEHICLES:**
- 2003-2014 Murano (Z50, Z51)
 - 2011-2014 Murano CrossCabriolet (Z51)
 - 2008-2013 Rogue (S35)
 - 2014-2018 Rogue (T32)
 - 2014-2015 Rogue Select (S35)
 - 2017-2018 Rogue Sport (J11)
 - 2017-2018 Rogue Hybrid (T32)
 - 2013-2019 Pathfinder (R52)
 - 2014-2015 Pathfinder Hybrid (R52)
- } **AWD/4WD ONLY**

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 2003-2007 Murano: Section **RFD – Rear Final Drive**.
 - For all other Applied Vehicles: **TRANSMISSION & DRIVELINE > DRIVELINE > REAR FINAL DRIVE > REMOVAL AND INSTALLATION > ELECTRIC CONTROLLED COUPLING > Removal and Installation**

UNIT CHARACTERISTICS WRITING

Pathfinder, Pathfinder Hybrid, Rogue Sport, Rogue Hybrid, and 2014-2018 Rogue (T32) only

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

- Refer to the ESM: **TRANSMISSION & DRIVELINE > DRIVELINE > TRANSFER > BASIC INSPECTION > UNIT CHARACTERISTICS WRITING > Work Procedure**

PARTS INFORMATION

2003-2007 Murano

DESCRIPTION	PART #	QUANTITY
CPLG ASSY-ELEC (Electric Controlled Coupling)	38761-JP20B	1
CENTER OIL SEAL	38189-CA01A	1
FRONT OIL SEAL	38189-CA000	1
COMPANION FLANGE LOCK NUT	38216-U301A	1
BOLT (PROPELLER SHAFT)	37120-JD01A	8
NUT (PROPELLER SHAFT CENTER BEARING)	01223-N0021	2
NUT (PROPELLER SHAFT)	37171-7S00A	8
3 BOND GSKT MKR-RTV	999MP-1217FPP	(2) (3)

2009-2014 Murano

DESCRIPTION	PART #	QUANTITY
CPLG ASSY-ELEC (Electric Controlled Coupling)	38761-JP20B	1
CENTER OIL SEAL	(1)	1
FRONT OIL SEAL	38189-CA000	1
COMPANION FLANGE LOCK NUT	38216-U301A	1
BOLT (PROPELLER SHAFT)	37120-JD00B	4
NUT (PROPELLER SHAFT CENTER BEARING)	01223-N0021	2
BOLT (PROPELLER SHAFT)	37120-JD01A	4
NUT (PROPELLER SHAFT)	37171-7S00A	4
3 BOND GSKT MKR-RTV	999MP-1217FPP	(2) (3)

- (1) Use the VIN and the electronic parts catalog (FAST or equivalent) 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 and click on the "Maintenance Advantage-Tire/Battery/Chemical" link.

2008-2013 Rogue and 2014-2015 Rogue Select

DESCRIPTION	PART #	QUANTITY
CPLG ASSY-ELEC (Electric Controlled Coupling)	38761-JG20B	1
CENTER OIL SEAL	(1)	1
FRONT OIL SEAL	38189-CA000	1
COMPANION FLANGE LOCK NUT	38216-U301A	1
BOLT (PROPELLER SHAFT)	37120-JD00B	4
NUT (PROPELLER SHAFT CENTER BEARING)	01223-N0021	2
BOLT (PROPELLER SHAFT)	37120-JD01A	4
NUT (PROPELLER SHAFT)	37171-7S00A	4
3 BOND GSKT MKR-RTV	999MP-1217FPP	(2) (3)

2014-2018 Rogue (T32)

DESCRIPTION	PART #	QUANTITY
CPLG ASSY-ELEC (Electric Controlled Coupling assembly)	38761-4BF0A	1
BREATHER	38356-8H50A	1
DRIVE PINION OIL SEAL	38189-8H51A	1
STUD (REAR COUPLING)	38764-4BF0A	4
BOLT (PROPELLER SHAFT)	37120-JD00B	8
NUT (PROPELLER SHAFT CENTER BEARING)	01223-N0021	2
NUT (PROPELLER SHAFT)	37171-7S00A	4
3 BOND GSKT MKR-RTV	999MP-1217FPP	(2) (3)

- (1) Use the VIN and the electronic parts catalog (FAST or equivalent) 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 and click on the "Maintenance Advantage-Tire/Battery/Chemical" link.

2017-2018 Rogue Sport

DESCRIPTION	PART #	QUANTITY
CPLG ASSY-ELEC (Electric Controlled Coupling)	38761-4BF0A	1
BREATHER	38356-8H50A	1
DRIVE PINION OIL SEAL	38189-8H51A	1
STUD (REAR COUPLING)	38764-4BF0A	4
BOLT (PROPELLAR SHAFT)	37120-JD00B	8
NUT (PROPELLAR SHAFT CENTER BEARING)	01223-N0021	2
NUT (PROPELLAR SHAFT)	37171-7S00A	4
3 BOND GSKT MKR-RTV	999MP-1217FPP	(1) (2)

2017-2018 Rogue Hybrid

DESCRIPTION	PART #	QUANTITY
CPLG ASSY-ELEC (Electric Controlled Coupling)	38761-4BF0A	1
BREATHER	38356-JD60A	1
DRIVE PINION OIL SEAL	38189-8H51A	1
STUD (REAR COUPLING)	38764-4BF0A	4
BOLT (PROPELLAR SHAFT)	37120-JD00B	4
NUT (PROPELLAR SHAFT CENTER BEARING)	01223-N0021	2
NUT (PROPELLAR SHAFT)	37171-7S00A	4
3 BOND GSKT MKR-RTV	999MP-1217FPP	(1) (2)

(1) This product is considered a shop supply; do not include it on your warranty claim.

(2) 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 and click on the "Maintenance Advantage-Tire/Battery/Chemical" link.

2013-2019 Pathfinder (All)

DESCRIPTION	PART #	QUANTITY
CPLG ASSY-ELEC (Electric Controlled Coupling)	38761-3KA0B	1
BREATHER	38322-3JA1A	1
DRIVE PINION OIL SEAL	38189-3JA0A	1
BOLT (PROPELLAR SHAFT)	37120-JD00B	8
NUT (PROPELLAR SHAFT CENTER BEARING)	01223-N0021	2
BOLT (PROPELLAR SHAFT)	37120-JD01A	4
NUT (PROPELLAR SHAFT)	37171-7S00A	4
NUT (TORSIONAL DAMPER)	37171-3JA0A	4
3 BOND GSKT MKR-RTV	999MP-1217FPP	(1) (2)

(1) This product is considered a shop supply; do not include it on your warranty claim.

(2) 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 and click on the "Maintenance Advantage-Tire/Battery/Chemical" link.

CLAIMS INFORMATION

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
Rpl Electric Coupling Assy	(1)	LB88AA	ZL	21	(2)

- (1) Reference the Parts Information Table and use the applicable CPLG ASSY-ELEC part number as the primary failed part.
- (2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated Flat Rate Time.

For Models:

2014-2018 Rogue (T32)
2017-2018 Rogue Hybrid (T32)
2017-2018 Rogue Sport (J11)
2013-2019 Pathfinder (R52)
2014-2015 Pathfinder Hybrid (R52)

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

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

- (1) Reference the Parts Information Table and use the applicable CPLG ASSY-ELEC part number as the primary failed part.
- (2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated Flat Rate Time.

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
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.

