



# SERVICE BULLETIN

Classification:

TF16-001

Reference:

NTB17-003

Date:

January 20, 2017

## PATHFINDER, MURANO, AND ROGUE; FLUID LEAK CAUSED BY TRANSFER ASSEMBLY RIGHT SIDE DRIVE SHAFT SEAL

**APPLIED** 2013-2017 Pathfinder AWD (R52) 2014 Pathfinder Hybrid AWD (R52)  
**VEHICLES:** 2015-2017 Murano AWD (Z52) 2016 Murano Hybrid AWD (Z52)  
2014-2017 Rogue AWD (T32)

**NOTE:** Does not apply to S35 series Rogue/Rogue Select.

### IF YOU CONFIRM

Fluid is leaking from the right side of the transfer assembly (see Figure 1).

**NOTE:** The fluid leak is not caused by the seal shown in Figure 1.

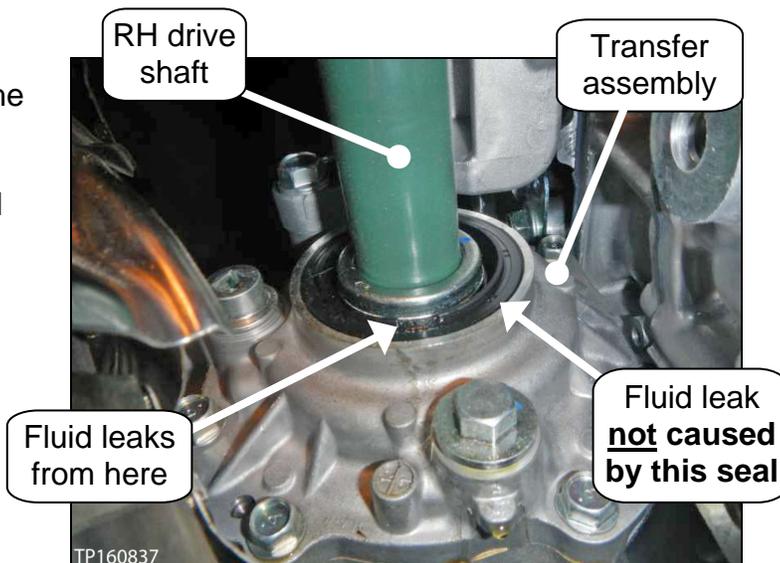


Figure 1

### ACTION

1. **DO NOT REPLACE** the transfer assembly.
2. Reseal the transfer assembly.
  - Refer to the Electronic Service Manual (ESM), section **DLN – Driveline**, for transfer assembly removal, reseal, and installation information.
  - Refer to page 2 and 3 for additional information.

**CAUTION:** Be careful not to damage the transfer assembly right side drive shaft seal when reinstalling the drive shaft.

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.

Typical TY21C transfer assembly – exploded view

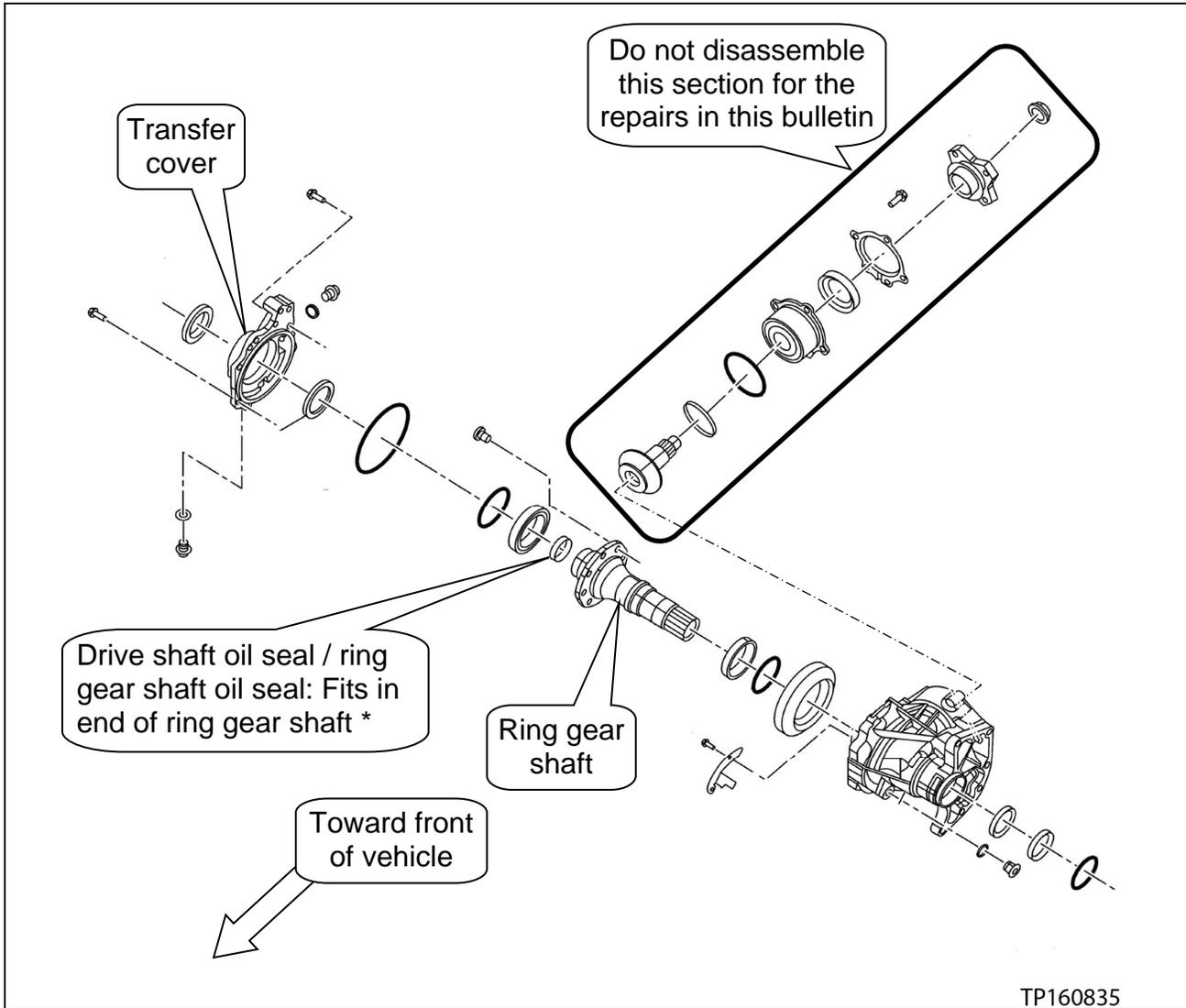


Figure 2

\* **NOTE:** The seal causing the leak is called “drive shaft oil seal” in the ESM for all applied models except Rogue. For Rogue it is called “ring gear shaft oil seal”.

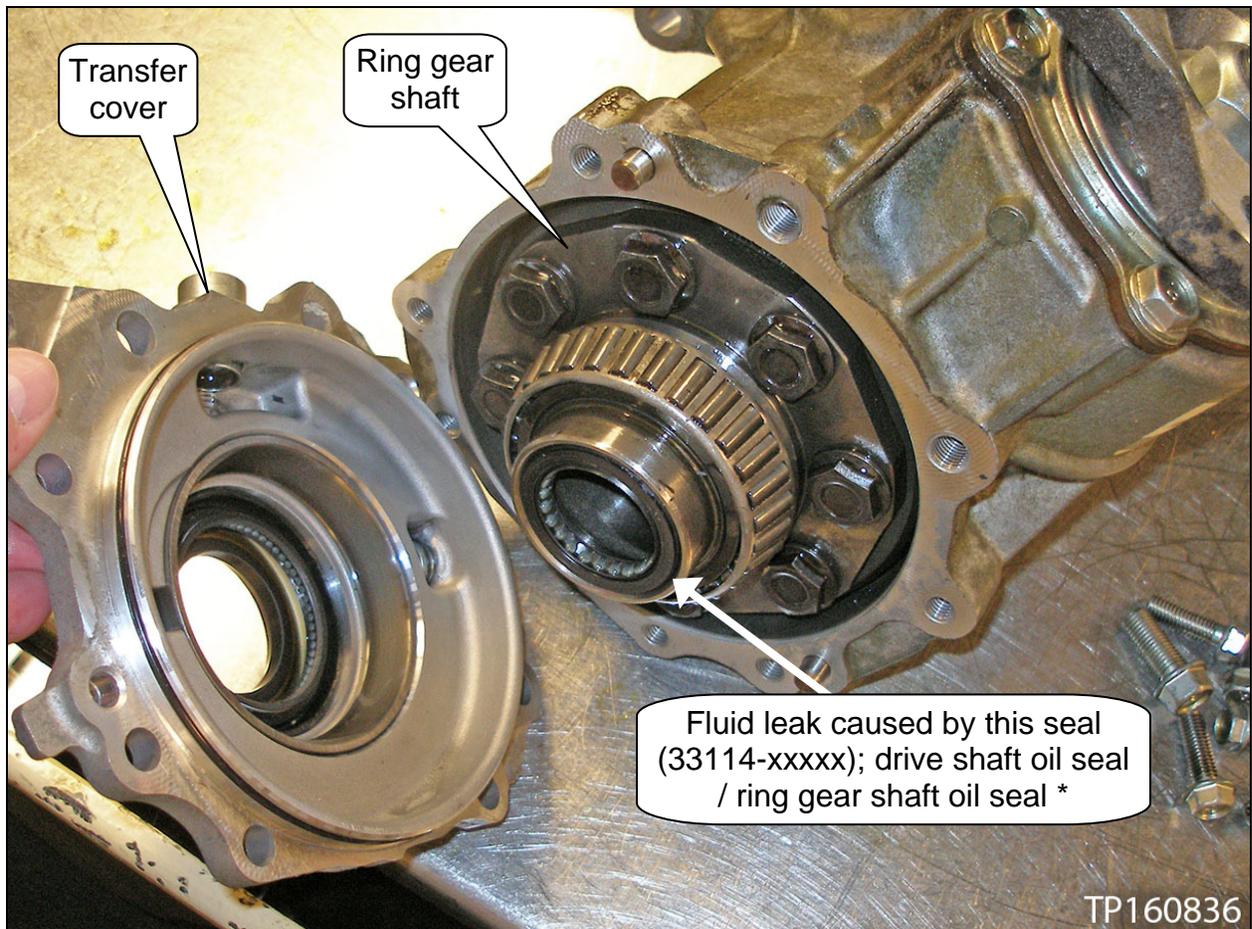


Figure 3

\* **NOTE:** This seal is called “drive shaft oil seal” in the ESM for all applied models except Rogue. For Rogue it is called “ring gear shaft oil seal”.

## PARTS INFORMATION

### Pathfinder and Pathfinder Hybrid

SYSTEM GROUP	DESCRIPTION	P/N *	QUANTITY
<b>Transfer assembly</b>	SEAL-OIL, DRIVE PINION (Drive shaft oil seal)	33114-xxxxx	1
	SEAL-OIL (Oil Seal)	33142-xxxxx	1
	SEAL-OIL (Oil Seal)	33142-xxxxx	1
	SEAL-O RING (O-ring)	38343-xxxxx	1
	SEAL-OIL (Oil Seal)	33111-xxxxx	2
	SEAL-O RING (O-ring)	33118-xxxxx	1
	GASKET – FILLER PLUG (Gasket)	11026-xxxxx	2
	BEARING (Ring Gear Bearing, Transfer cover side)	38440-xxxxx	1
	BEARING (Ring Gear Bearing, Transfer cover side)	38440-xxxxx	1
<b>Exhaust</b>	BEARING SEAL, EXHAUST JOINT	20695-xxxxx	2
	GASKET-EXHAUST	20691-xxxxx	1
	NUT	01225-xxxxx	2
	NUT	01223-xxxxx	3
	BOLT	01125-xxxxx	3
<b>Drive shaft</b>	PIN-COTTER	40073-xxxxx	1
	NUT-LOCK, FRONT WHEEL BEARING	40262-xxxxx	1
<b>Strut</b>	NUT	54588-xxxxx	2
<b>Transfer Oil</b>	Genuine Nissan Super Hypoid GL-5 80W-90	999MP-1XGPP0P (1)	5/8 pint

\* Refer to FAST (or equivalent) and use the VIN to determine the correct complete Part Numbers for the vehicle you are working on.

(1) Order this item through the Nissan Maintenance Advantage program: Phone: 877-NIS-NMA1 (877-647-6621). Website order via link on dealer portal [www.NNAnet.com](http://www.NNAnet.com) and click on the “Maintenance Advantage” link.

## PARTS INFORMATION (continued)

### Murano and Murano Hybrid

SYSTEM GROUP	DESCRIPTION	P/N *	QUANTITY
Transfer assembly	SEAL-OIL, DRIVE PINION (Drive shaft oil seal)	33114-xxxxx	1
	SEAL-OIL (Oil Seal)	33142-xxxxx	1
	SEAL-OIL (Oil Seal)	33142-xxxxx	1
	SEAL-O RING (O-ring)	38343-xxxxx	1
	SEAL-OIL (Oil Seal)	33111-xxxxx	2
	SEAL-O RING (O-ring)	33118-xxxxx	1
	GASKET – FILLER PLUG (Gasket)	11026-xxxxx	2
	BEARING (Ring Gear Bearing, Transfer cover side)	38440-xxxxx	1
	BEARING (Ring Gear Bearing, Transfer cover side)	38440-xxxxx	1
Exhaust	GASKET-EXHAUST	20692-xxxxx	1
	GASKET-EXHAUST	20691-xxxxx	2
	NUT	01223-xxxxx	3
	NUT	01225-xxxxx	4
Drive shaft	PIN-COTTER	40073-xxxxx	1
	NUT-KNUCKLE SPINDLE	40262-xxxxx	1
Strut	NUT	54588-xxxxx	2
Transfer Oil	Genuine Nissan Super Hypoid GL-5 80W-90	999MP-1XGPP0P (1)	5/8 pint

\* Refer to FAST (or equivalent) and use the VIN to determine the correct complete Part Numbers for the vehicle you are working on.

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**PARTS INFORMATION (continued)**

**Rogue**

<b>SYSTEM GROUP</b>	<b>DESCRIPTION</b>	<b>P/N *</b>	<b>QUANTITY</b>
<b>Transfer assembly</b>	SEAL-OIL, DRIVE PINION (Ring gear shaft oil seal)	33114-xxxxxx	1
	SEAL-OIL (Oil Seal)	33142-xxxxxx	1
	SEAL-OIL (Oil Seal)	33142-xxxxxx	1
	SEAL-O RING (O-ring)	38343-xxxxxx	1
	SEAL-OIL (Oil Seal)	33111-xxxxxx	2
	SEAL-O RING (O-ring)	33118-xxxxxx	1
	GASKET – FILLER PLUG (Gasket)	11026-xxxxxx	2
	BEARING (Ring Gear Bearing, Transfer cover side)	38440-xxxxxx	1
	BEARING (Ring Gear Bearing, Transfer cover side)	38440-xxxxxx	1
<b>Exhaust</b>	GASKET-EXHAUST	20692-xxxxxx	2
	GASKET-EXHAUST	20691-xxxxxx	2
	NUT	01225-xxxxxx	4
	NUT	01223-xxxxxx	1
<b>Drive shaft</b>	PIN-COTTER	40073-xxxxxx	1
	NUT-HEX	40262-xxxxxx	1
<b>Strut</b>	NUT	01223-xxxxxx	2
<b>Transfer Oil</b>	Genuine Nissan Super Hypoid GL-5 80W-90	999MP-1XGPP0P (1)	5/8 pint

\* Refer to FAST (or equivalent) and use the VIN to determine the correct complete Part Numbers for the vehicle you are working on.

(1) Order this item through the Nissan Maintenance Advantage program: Phone: 877-NIS-NMA1 (877-647-6621). Website order via link on dealer portal [www.NNAnet.com](http://www.NNAnet.com) and click on the “Maintenance Advantage” link.

## CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
R & I Transfer Assembly	(1)	KA01AA	ZR	32	(2)
Replace Front & Rear Oil Seals		KA041A			(2)

(1) Refer to the electronic parts catalog (FAST) and use the Pinion Drive Seal part number (33114-\*\*\*\*\*) as the Primary Failed Part.

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