



SERVICE BULLETIN

Classification: TF16-001B	Reference: NTB17-003B	Date: May 27, 2021
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FLUID LEAK CAUSED BY TRANSFER ASSEMBLY RIGHT SIDE DRIVE SHAFT SEAL

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

APPLIED VEHICLES: 2019-2021 Altima (L34) 2014 Pathfinder Hybrid (R52H)
 2015-2021 Murano (Z52) 2014-2020 Rogue (T32)
 2016 Murano Hybrid (Z52H) 2017-2019 Rogue Hybrid (T32H)
 2013-2020 Pathfinder (R52) 2017-2021 Rogue Sport (J11)

APPLIED DRIVELINE: AWD only

NOTE: Bulletin 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.

ACTION

1. **DO NOT REPLACE** the transfer assembly.
2. Reseal the transfer assembly.

- Refer to the Electronic Service Manual (ESM), section

DLN – Driveline or **TRANSMISSION & DRIVELINE > DRIVELINE > TRANSFER: TY21C - UNIT REMOVAL AND INSTALLATION > TRANSFER ASSEMBLY** 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.

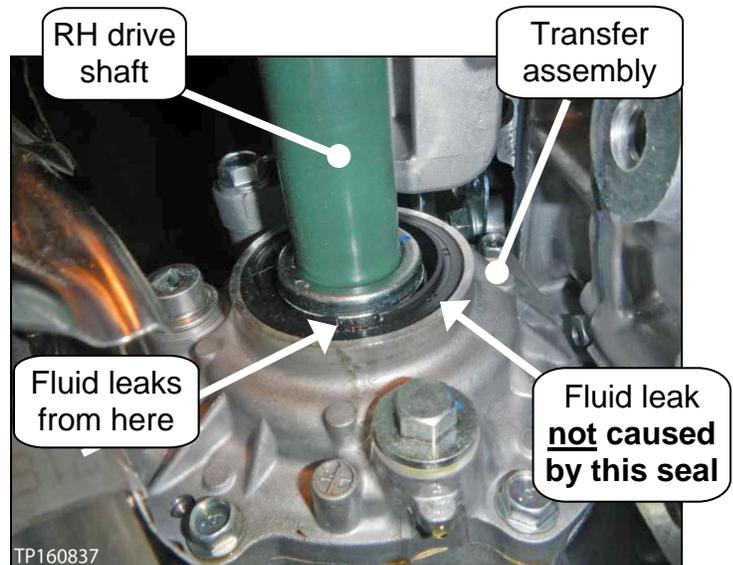


Figure 1

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

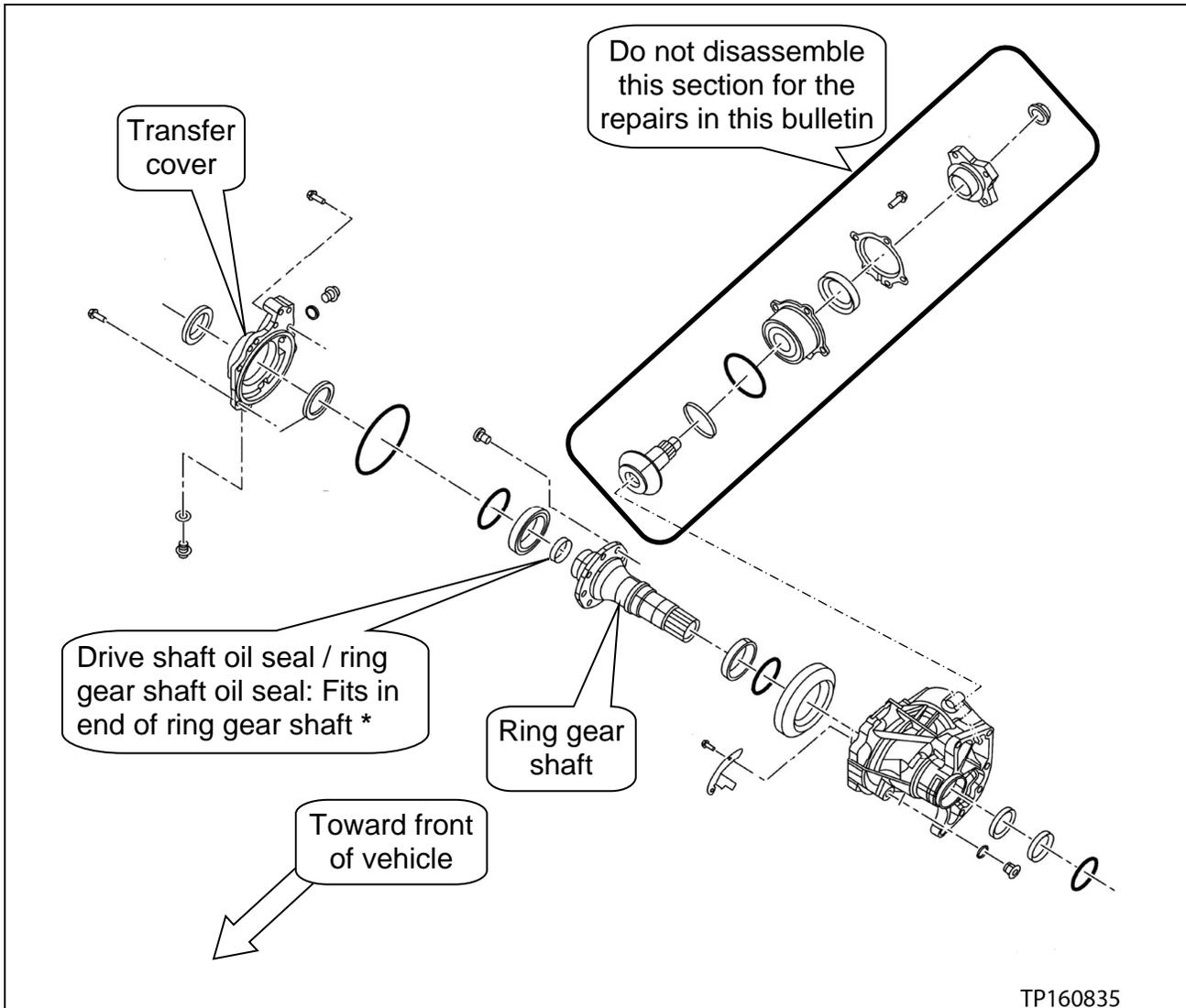


Figure 2

* The seal causing the leak is called “drive shaft oil seal” in the ESM for all applied models except Rogue, Rogue Hybrid, Rogue Sport, and Altima. For these vehicles, it is called “ring gear shaft oil seal”.

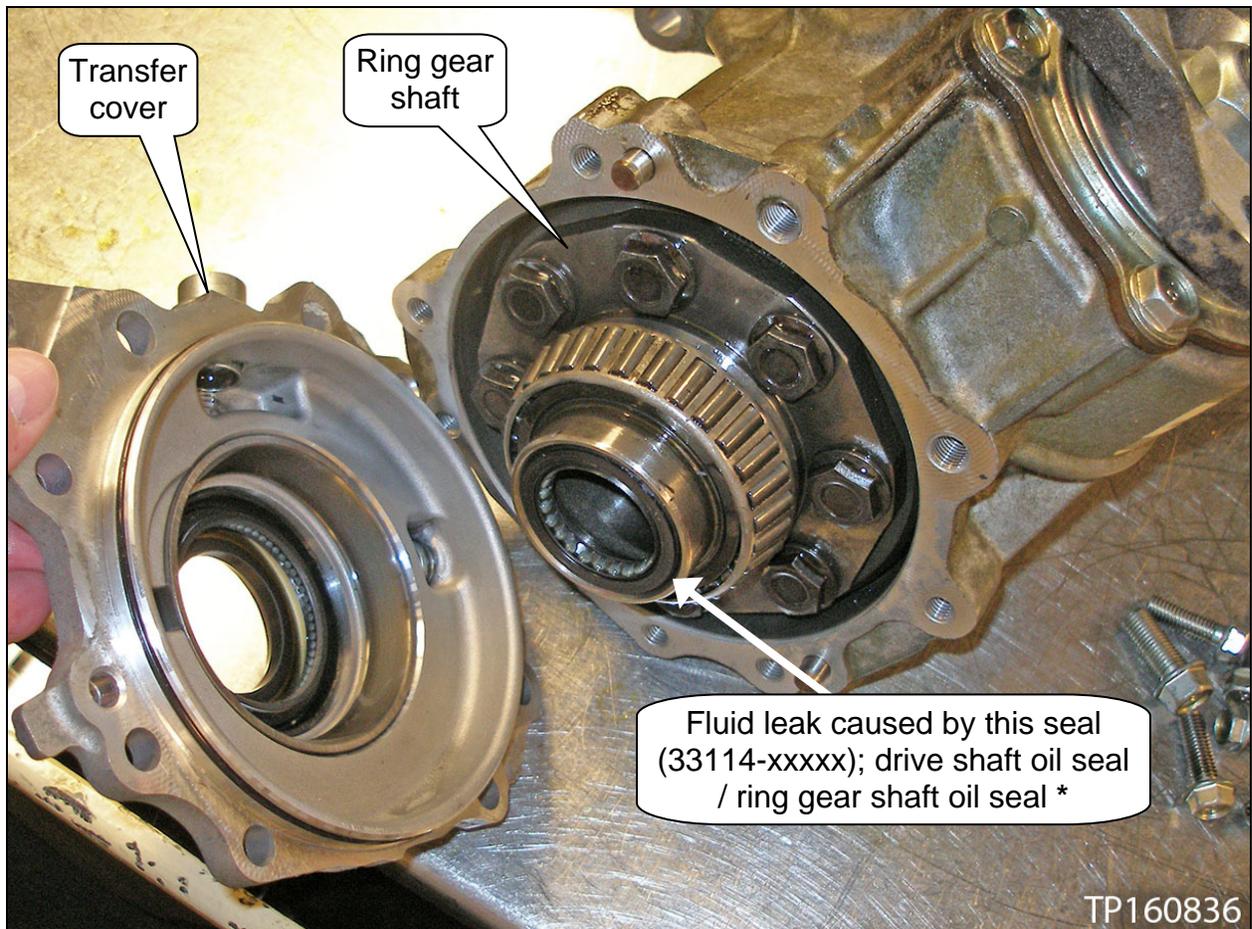


Figure 3

* The seal causing the leak is called "drive shaft oil seal" in the ESM for all applied models except Rogue, Rogue Hybrid, Rogue Sport, and Altima. For these vehicles, it is called "ring gear shaft oil seal".

PARTS INFORMATION

Altima

SYSTEM GROUP	DESCRIPTION	PART # PREFIX (1)	QUANTITY
Transfer assembly	SEAL-OIL, DRIVE PINION (Ring Gear Shaft Oil Seal)	33114	1
	SEAL-OIL (Oil Seal)	33142	1
	SEAL-OIL (Oil Seal)	33142	1
	SEAL-O RING (O-ring)	38343	1
	SEAL-OIL (Oil Seal)	33111	2
	SEAL-O RING (O-ring)	33118	1
	GASKET – FILLER PLUG (Gasket)	11026	2
	BEARING (Ring Gear Bearing, Transfer cover side)	38440	1
	BEARING (Ring Gear Bearing, Transfer cover side)	38440	1
	BOLT (Front and Rear Prop Shaft)	37120	8
	NUT (Rear Prop Shaft)	37171	4
	NUT (Center Bearing)	01223	1
	Exhaust	GASKET-EXHAUST	20692
GASKET-EXHAUST		20691	2
NUT		01225	4
NUT		01223	1
Drive shaft	PIN-COTTER	40073	1
	NUT-HEX	40262	1
Strut	NUT	01223	2
Transfer Oil	Genuine Nissan Super Hypoid GL-5 80W-90	999MP-1XGPP0P (2)	5/8 pint

(1) Refer to the Electronic Parts Catalog and use the VIN to determine the correct complete Part Numbers for the vehicle you are working on.

(2) 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 and click on the “Maintenance Advantage” link.

PARTS INFORMATION (continued)

Murano and Murano Hybrid

SYSTEM GROUP	DESCRIPTION	PART # PREFIX (1)	QUANTITY
Transfer assembly	SEAL-OIL, DRIVE PINION (Drive shaft oil seal)	33114	1
	SEAL-OIL (Oil Seal)	33142	1
	SEAL-OIL (Oil Seal)	33142	1
	SEAL-O RING (O-ring)	38343	1
	SEAL-OIL (Oil Seal)	33111	2
	SEAL-O RING (O-ring)	33118	1
	GASKET – FILLER PLUG (Gasket)	11026	2
	BEARING (Ring Gear Bearing, Transfer cover side)	38440	1
	BEARING (Ring Gear Bearing, Transfer cover side)	38440	1
	BOLT (Front and Rear Prop Shaft)	37120	8
	NUT (Rear Prop Shaft)	37171	4
	NUT (Center Bearing)	01223	1
Exhaust	GASKET-EXHAUST	20692	1
	GASKET-EXHAUST	20691	2
	NUT	01223	3
	NUT	01225	4
Drive shaft	PIN-COTTER	40073	1
	NUT-KNUCKLE SPINDLE	40262	1
Strut	NUT	54588	2
Transfer Oil	Genuine Nissan Super Hypoid GL-5 80W-90	999MP-1XGPP0P (2)	5/8 pint

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PARTS INFORMATION (continued)

Pathfinder and Pathfinder Hybrid

SYSTEM GROUP	DESCRIPTION	PART # PREFIX (1)	QUANTITY
Transfer assembly	SEAL-OIL, DRIVE PINION (Drive shaft oil seal)	33114	1
	SEAL-OIL (Oil Seal)	33142	1
	SEAL-OIL (Oil Seal)	33142	1
	SEAL-O RING (O-ring)	38343	1
	SEAL-OIL (Oil Seal)	33111	2
	SEAL-O RING (O-ring)	33118	1
	GASKET – FILLER PLUG (Gasket)	11026	2
	BEARING (Ring Gear Bearing, Transfer cover side)	38440	1
	BEARING (Ring Gear Bearing, Transfer cover side)	38440	1
	BOLT (Front and Rear Prop Shaft)	37120	8
	NUT (Rear Prop Shaft)	37171	4
	NUT (Center Bearing)	01223	1
	Exhaust	BEARING SEAL, EXHAUST JOINT	20695
GASKET-EXHAUST		20691	2
NUT		01225	2
NUT		01223	3
BOLT		01125	3
Drive shaft	PIN-COTTER	40073	1
	NUT-LOCK, FRONT WHEEL BEARING	40262	1
Strut	NUT	54588	2
Transfer Oil	Genuine Nissan Super Hypoid GL-5 80W-90	999MP-1XGPP0P (2)	5/8 pint

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PARTS INFORMATION (continued)

Rogue and Rogue Hybrid

SYSTEM GROUP	DESCRIPTION	PART # PREFIX (1)	QUANTITY
Transfer assembly	SEAL-OIL, DRIVE PINION (Ring gear shaft oil seal)	33114	1
	SEAL-OIL (Oil Seal)	33142	1
	SEAL-OIL (Oil Seal)	33142	1
	SEAL-O RING (O-ring)	38343	1
	SEAL-OIL (Oil Seal)	33111	2
	SEAL-O RING (O-ring)	33118	1
	GASKET – FILLER PLUG (Gasket)	11026	2
	BEARING (Ring Gear Bearing, Transfer cover side)	38440	1
	BEARING (Ring Gear Bearing, Transfer cover side)	38440	1
	BOLT (Front and Rear Prop Shaft)	37120	8
	NUT (Rear Prop Shaft)	37171	4
	NUT (Center Bearing)	01223	1
	Exhaust	GASKET-EXHAUST	20692
GASKET-EXHAUST		20691	2
NUT		01225	4
NUT		01223	1
Drive shaft	PIN-COTTER	40073	1
	NUT-HEX	40262	1
Strut	NUT	01223	2
Transfer Oil	Genuine Nissan Super Hypoid GL-5 80W-90	999MP-1XGPP0P (2)	5/8 pint

(1) Refer to the Electronic Parts Catalog 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 Sport

SYSTEM GROUP	DESCRIPTION	PART # PREFIX (1)	QUANTITY
Transfer assembly	SEAL-OIL, DRIVE PINION (Ring gear shaft oil seal)	33114	1
	SEAL-OIL (Oil Seal)	33142	1
	SEAL-OIL (Oil Seal)	33142	1
	SEAL-O RING (O-ring)	38343	1
	SEAL-OIL (Oil Seal)	33111	2
	SEAL-O RING (O-ring)	33118	1
	GASKET – FILLER PLUG (Gasket)	11026	2
	BEARING (Ring Gear Bearing, Transfer cover side)	38440	1
	BEARING (Ring Gear Bearing, Transfer cover side)	38440	1
	BOLT (Front and Rear Prop Shaft)	37120	4
	NUT (Rear Prop Shaft)	37171	4
	NUT (Center Bearing)	01223	1
Exhaust	GASKET-EXHAUST	20692	2
	GASKET-EXHAUST	20691	2
	NUT	01225	4
	NUT	01223	1
Drive shaft	PIN-COTTER	40073	1
	NUT-HEX	40262	1
Strut	NUT	01223	2
Transfer Oil	Genuine Nissan Super Hypoid GL-5 80W-90	999MP-1XGPP0P (2)	5/8 pint

(1) Refer to the Electronic Parts Catalog and use the VIN to determine the correct complete Part Numbers for the vehicle you are working on.

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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 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.

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
January 20, 2017	NTB17-003	Original bulletin published
March 25, 2020	NTB17-003A	APPLIED VEHICLES and PARTS INFORMATION revised
May 27, 2021	NTB17-003B	APPLIED VEHICLES revised, and two changes made to the QUANTITY column on page 6

