

Classification:

TF16-002C

Reference:

ITB17-001C

Date:

February 16, 2022

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 QX50 (J55)
 2014-2020 QX60 (L50)
 2014-2021 QX60 Hybrid (L50H)

APPLIED DRIVELINES: AWD only

SERVICE INFORMATION

If fluid is leaking from the front passenger (RH) side of the transfer assembly, refer to the information in this bulletin.

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

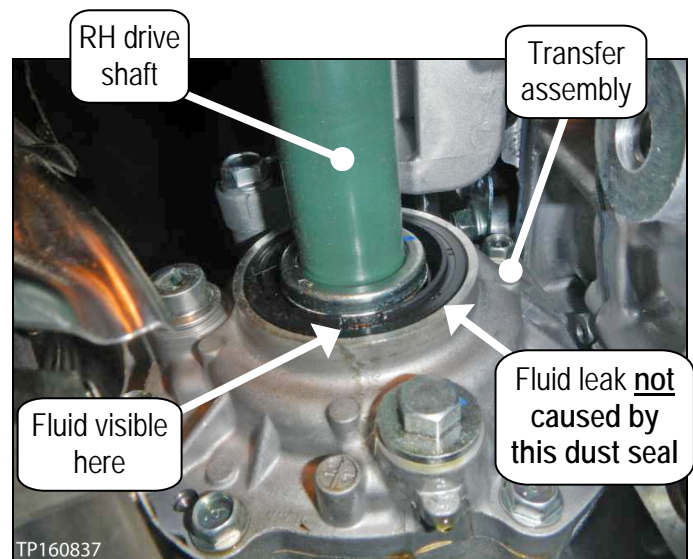


Figure 1

1. **DO NOT REPLACE** the transfer assembly.
2. Replace the drive shaft oil seal and the dust seal.
 - The drive shaft oil seal and the dust seal can be replaced without removing the transfer assembly from the vehicle.
 - It is not necessary to remove the transfer cover to replace the drive shaft oil seal and the dust seal.
 - Refer to ITB21-023 for drive shaft oil seal and dust seal replacement.

Infiniti 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 Infiniti retailer to determine if this applies to your vehicle.

Essential Special Service Tools

Additional Essential Tools are available from Tech•Mate online: www.infinititechmate.com or by phone: 1-800-662-2001.



Figure 2



Figure 3

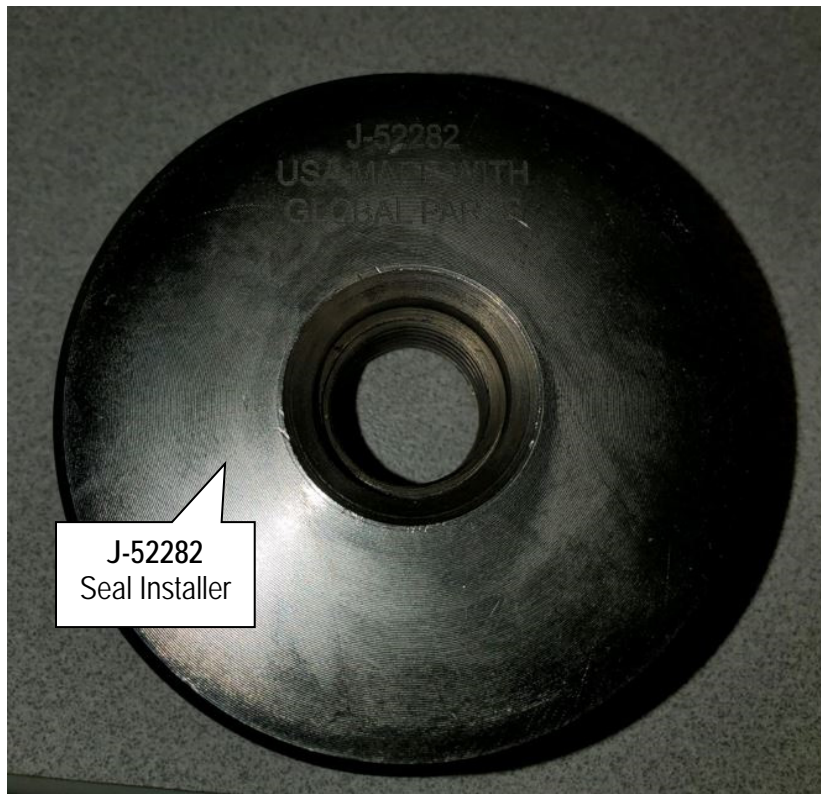


Figure 4



Figure 5

TY21C Transfer Assembly – Exploded View for Reference Only

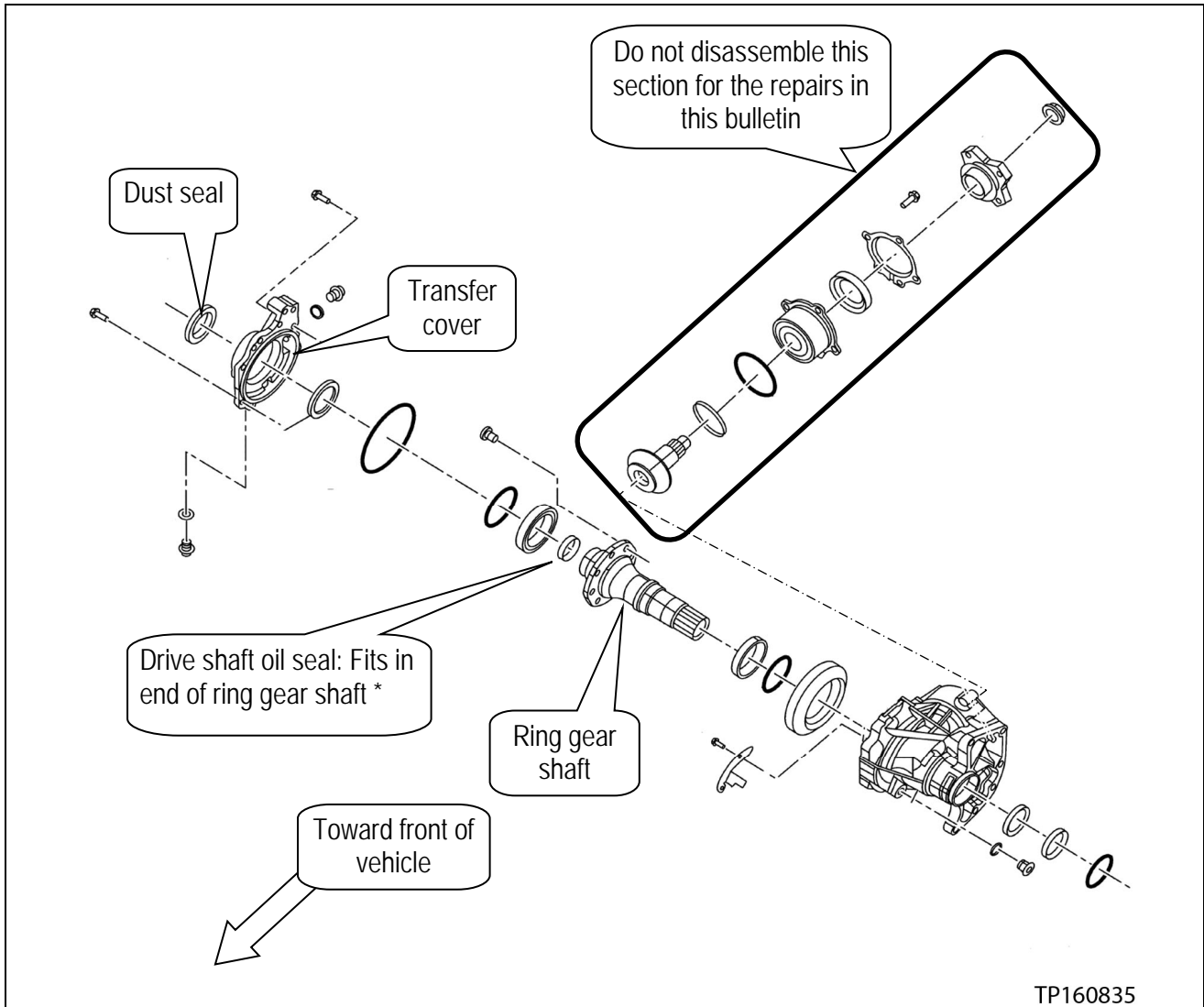


Figure 6

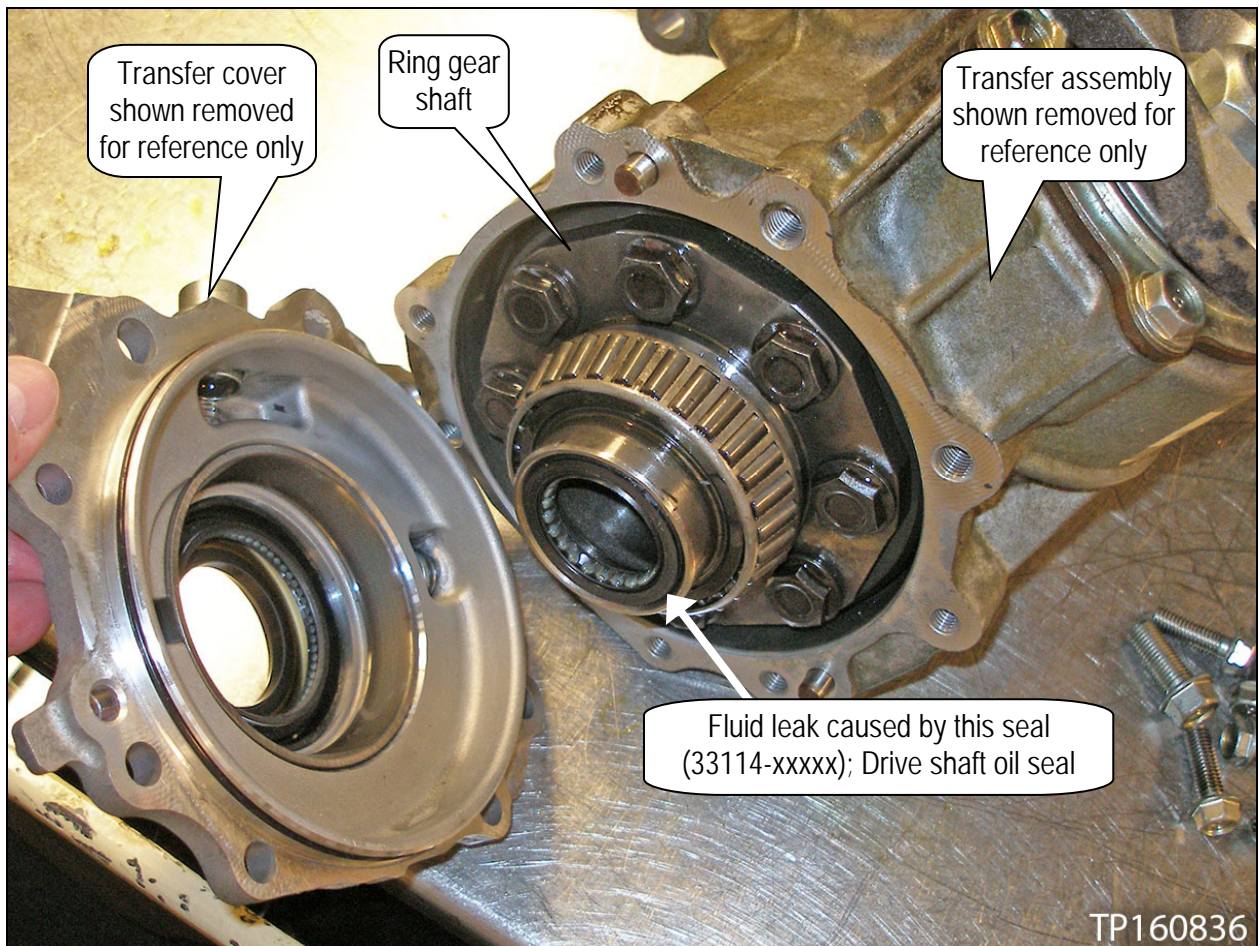


Figure 7

NOTICE

To avoid damage to the transfer assembly and new seals, use an appropriate seal installer and seal protector during the repair.

- This repair does NOT require transfer assembly removal from the vehicle.
- This repair does NOT require transfer cover removal from the transfer assembly.

PARTS INFORMATION

DESCRIPTION	PART # PREFIX (1)	QUANTITY
SEAL-OIL, DRIVE PINION (Drive shaft oil seal)	33114	1
SEAL-OIL (Dust Seal)	33142	1
PIN-COTTER	40073	1
NUT-LOCK, FRONT WHEEL BEARING (Axle Hub Nut)	40262	1
NUT (Lower Strut Nut)	54588	2

(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.

CLAIMS INFORMATION

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

DESCRIPTION	MODEL	PFP	OP CODE	SYM	DIA	FRT
Replace RH Front Axle Seal	QX50 (J55)	(1)	KX05AA	ZR	53	2.1
	QX60 (L50)					1.9
	QX60 (L50H)					1.8

(1) Refer to the Electronic Parts Catalog and use the Pinion Drive Seal part number (33114-*****) as the Primary Failed Part.

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
January 20, 2017	ITB17-001	Original bulletin published
March 25, 2020	ITB17-001A	APPLIED VEHICLES and PARTS INFORMATION revised
May 27, 2021	ITB17-001B	APPLIED VEHICLES revised, and two changes made to the QUANTITY column on page 4
February 16, 2022	ITB17-001C	Changes throughout