



# TECHNICAL SERVICE BULLETIN

Classification: AT22-015	Reference: NTB22-099	Date: November 15, 2022
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## VIBRATION DURING LIGHT OR MODERATE THROTTLE INPUT

**APPLIED VEHICLES:** 2017-2019 Armada (Y62)  
2017-2019 Titan/Titan XD (A61)

**APPLIED DATES:** Armada: Built on or before July 22, 2018  
Titan/Titan XD: Built on or before September 12, 2018

**APPLIED TRANSMISSIONS:** 7 Speed Automatic

### IF YOU CONFIRM

A vibration during light or moderate throttle input between 20 – 40 mph,

### OR

RPM flare / slip feeling / vibration during or immediately after a 2 – 3 upshift or 3 – 4 upshift with light or moderate throttle input.

### ACTION

Replace the Torque Converter.

**IMPORTANT:** The purpose of **ACTION** (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire **SERVICE PROCEDURE** as it contains information that is essential to successfully completing this repair.

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.

## SERVICE PROCEDURE

1. Remove the transmission assembly from the vehicle.
  - Refer to the **ESM: TRANSMISSION & DRIVELINE > TRANSAXLE & TRANSMISSION > 7AT: RE7R01B > UNIT REMOVAL AND INSTALLATION > TRANSMISSION ASSEMBLY > Removal and Installation**
2. Remove the Torque Converter from the transmission assembly.
3. Install a new Torque Converter from **PARTS INFORMATION**.

### IMPORTANT:

- Be sure to install a new input shaft O-ring when replacing the Torque Converter.
- After installing the Torque Converter into the transmission assembly, check dimension (A) before installing the transmission assembly in the vehicle.
  - (A): Dimension between the end of the converter housing and the Torque Converter 24.0 mm (**0.94 in.**).

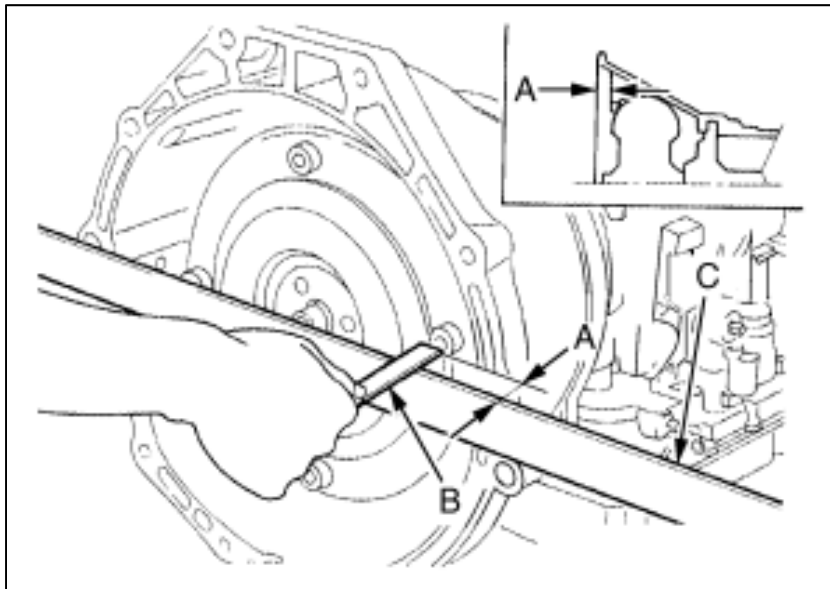


Figure 1

4. Reinstall the transmission assembly into the vehicle.
  - Refer to the **ESM: TRANSMISSION & DRIVELINE > TRANSAXLE & TRANSMISSION > 7AT: RE7R01B > UNIT REMOVAL AND INSTALLATION > TRANSMISSION ASSEMBLY > Removal and Installation**

## PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
TORQUE CONVERTER	31100-1XR2E	1
SEAL – O RING (Input Shaft O-Ring)	31526-90X05	1

**NOTE:** Refer to the Library in the EPC for the Single Use Parts List.

## CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
R&I Automatic Transmission Assembly	(1)	JA01AA	ZE	32	(2)
Replace Torque Converter		JA041A			

- (1) Reference the electronic parts catalog and use the Torque Converter (31100-\*\*\*\*\*) as the Primary Failed Part (**PFP**).
- (2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated Flat Rate Time (**FRT**).

## AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
November 15, 2022	NTB22-099	Original bulletin published