



# TECHNICAL SERVICE BULLETIN

Classification: AT22-004	Reference: NTB22-050	Date: June 16, 2022
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## LOW SPEED TRANSMISSION UPSHIFT IMPROVEMENT

**APPLIED VEHICLES:** 2022 Pathfinder (R53)  
**APPLIED DATES:** Built before May 11, 2022

### IF YOU CONFIRM

The customer notices a 1<sup>st</sup> to 2<sup>nd</sup> gear upshift while driving at slow speeds and when the transmission's fluid temperature is warming up,

### AND

There are no TCM related DTCs present.

### ACTION

Perform the steps in the **SERVICE PROCEDURE** to:

1. Confirm the current TCM part number.
2. Reprogram the TCM, if applicable.

**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

- Using CONSULT-III, confirm the current TCM part number and write it on the repair order.
  - If it matches one of the part numbers in **Table 1**, continue to step 2 below.
  - If it does not match one of the part numbers in **Table 1**, this bulletin does not apply. Go back to ASIST for further diagnostic and repair information.

**Table 1**

MODEL	YEAR	CURRENT TCM PART NUMBER: 31039-
Pathfinder	2022	6TH0A, 6TH1A, 6TH2A, 6TH3A, 6TH4A, 6TH5A 6TH0C, 6TH1C, 6TH2C, 6TH3C, 6TH4C, 6TH5C

### **NOTICE**

Perform the following before starting the reprogramming procedure to prevent damage to the control unit.

- Connect the AC Adapter to the CONSULT PC.
  - Connect the CONSULT PC to the Internet via Wi-Fi or a network cable.
  - Ensure ASIST on the CONSULT PC has been synchronized (updated) to the current date and all CONSULT software updates (if any) have been installed.
  - Turn OFF all external Bluetooth® devices (e.g., cell phones, printers, etc.) within range of the CONSULT PC and the VI. If Bluetooth® signal waves are within range of the CONSULT PC or VI during reprogramming, the reprogramming may be interrupted.
  - Turn OFF all vehicle electrical loads.
  - Connect a battery maintainer or smart charger, set to reflash mode or a similar setting, to ensure the battery voltage stays between 12.0 V and 15.5 V.
- Reprogram the TCM.

**HINT:** If you are not familiar with the reprogramming procedure, *click here*. This will link you to the "**CONSULT REPROGRAMMING FOR ENGINE OR TRANSMISSION CONTROL MODULE (ECM OR TCM)**" general procedure.
  - After completing **Erase All DTCs**, print a copy of the CONSULT screen showing the before and after part numbers of the control unit and attach it to the repair order.

## CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Reprogram A/T Control Unit (TCM)	(1)	JE99AA	ZE	32	(2)

- (1) Reference the electronic parts catalog and use the Transmission Control Unit (310F6-\*\*\*\*\*) 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
June 16, 2022	NTB22-050	Original bulletin published

