TECHNICAL SERVICE BULLETIN

lassification:

AT23-002

eference:

NTB23-048

Date: June 2, 2023

DTC P17F4 STORED IN TCM

APPLIED VEHICLES:	2018-2022 Kicks (P15) 2020-2022 Versa (N18)
APPLIED DATES:	2018-2021 Kicks – All 2022 Kicks – Built on or before February 18, 2022 2020-2021 Versa – All 2022 Versa – Built on or before February 18, 2022
APPLIED TRANSMISSIONS:	RE0F11B

IF YOU CONFIRM

The customer reports transmission vibration when accelerating,

HINT: Vibration occurs during quick reacceleration after braking, during a 2-1 downshift of the auxiliary gearbox.

AND

DTC P17F4 for "AUXILIARY GEARBOX (CL JUDDER)" is stored in the TCM.

• If DTCs other than P17F4 are stored, this bulletin does not apply. Refer to the ESM for further diagnostic information.

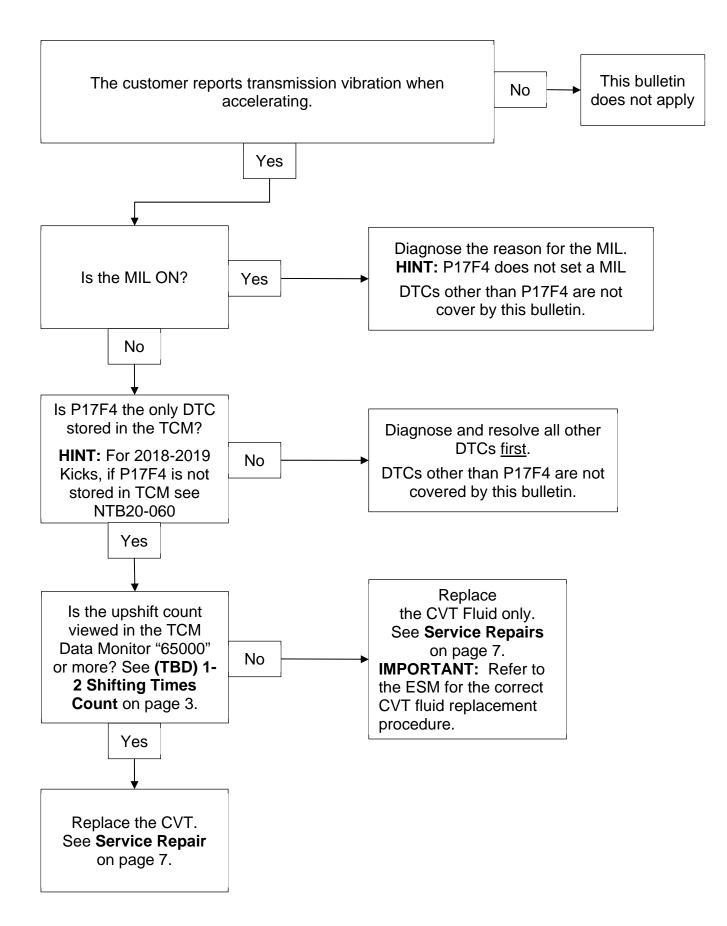
ACTION

Refer to the **Repair Overview** on page 2 to determine if this bulletin applies.

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.

Repair Overview



SERVICE PROCEDURE

(TBD) 1-2 Shifting Times Count

Do not perform steps 1-11 unless directed to do so by the **Repair Overview** on page 2.

- 1. Turn the ignition ON with the engine OFF.
- 2. Start CONSULT-III plus on the CONSULT PC.
- 3. If prompted, select **USA/CANADA Dealers** from the drop-down menu, and then select **OK**.
- 4. Login using your NNAnet credentials.

IMPORTANT: If not prompted to enter your username and password, the CONSULT PC may not be connected to Wi-Fi. Close C-III plus, confirm the CONSULT PC is connected to Wi-Fi, and then reopen C-III plus.

- 5. Wait for the VI to be recognized (Figure 1).
 - The serial number will be displayed when the VI is recognized.

	H Back	Home Print	Screen Capture Mode Re	Image: Weight of the second diagram Image: We
	Connee	ction Status		Diagnosis Menu
		Serial No.	Status	Diagnosis (One System)
VI is recognized	VI	2300229	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	Diagnosis (All Systems)
	МІ	•	No connection	Re/programming, Configuration
	Select VI/MI			Immobilizer
		tion Setting	ABC Language Setting	Maintenance
	39	VDR		
	1		Fig	jure 1

6. Select Diagnosis (One System).

Back	Home Print	Screen Capture Mode Rec	Image: Weight of Data Image: Weight of Data
Conne	ction Status		Diagnosis Menu
	Serial No.	Status	Diagnosis (One System)
VI	2300229	ເ⊃ວ ໂ))) Normal Mode/Wireless connection	Diagnosis (All Systems)
МІ	•	No connection	Re/programming, Configuration
80	Select VI/MI		Immobilizer
	tion Setting Sub mode	ABC Language Setting	Maintenance
P	VDR		

Figure 2

7. Select **TRANSMISSION**.

Image: Back Image: Screen					
Priority	All system	is 🔻			
ENGI	TRANSMISSION	AIR PRESSURE MONITOR	INTELLIGENT KEY		
ABS	MULTI AV	BAC	טוט		
METER/M&A	EHS/PKB	SUB METER	AUTO SLIDE DOOR		
ВСМ	DCDC	CONVERTIBLE ROOF	PRECRASH SEATBELT		
AIR BAG	MOTOR CONTROL	HEAD LAMP LEVELIZER	AUTO DRIVE POS.		
ICC/ADAS	EPS/DAST 3	e-4WD	ALL MODE AWD/4WD		
HVAC	IPDM E/R	LASER/RADAR	DIFF LOCK		
Sort : Default Settin	Sort : Default Setting				

Figure 3

8. Select Data Monitor.

Back Recorded Recorde	-
Diagnosis (One System) System Selection TRANSMISSION	
CALIB DATA	
No DTC is detected. Further testing may be required.	
	Print
	Save
	ERASE

Figure 4

- 9. Use the arrows to scroll through the **Monitor Menu** pages until **(TBD) 1-2 shifting times** is found.
- 10. Select (TBD) 1-2 shifting times, and then select Start.

Diagnosis (One System)		ement Recorded	ECU	ERT	12.1V VI		
System TRANSMISSION	TRAN SMISSION Monitor Menu					Custom list	Save
	CVT-B					Sampling Rate Rec Time Pre Trigger Trigger Setting In	10msec 10sec 80%
	Air conditioner operat	-				Engine Stall	iGN ON Formula
	(TBD) 1-2 shifting	times				DISPLAY TYPE	ical
1/1	Sort : Default S		▼ 10	/ 10			

Figure 5

- 11. Verify the "count" (Figure 6).
 - Is the (TBD)times count "65000" or more?

Yes: See Replace CVT on page 7.

No: See Replace the CVT Fluid Only on page 7.

Back Home	Print Screen Capture	Measurement Mode	Image: Weip Image: Weip	
Data Monitor	Sort by selection	Ascending order	Line Graph	Single List 🔍
TRANSMISS	ION (TBD) 1-2 shifting	times		1489 (TBD)times
		Cou EXAMPLE		
	Explanation	Trigger info.		Record

Figure 6

Replace the CVT Fluid Only

- If **Repair Overview** directs that <u>only</u> a CVT Fluid replacement is required:
 - a. Refer to the ESM: TRANSMISSION & DRIVELINE > TRANSAXLE & TRANSMISSION > CVT: RE0F11B > PERIODIC MAINTENANCE > CVT FLUID > Replacement
 - b. Using C-III plus, erase the "CONFORM CVTF DETERIORTN" memory.

Replace CVT

- If **Repair Overview** directs that the CVT must be replaced:
 - a. To replace the CVT, refer to the ESM: TRANSMISSION & DRIVELINE > TRANSAXLE & TRANSMISSION > CVT: RE0F11B > UNIT REMOVAL AND INSTALLATION > TRANSMISSION ASSEMBLY > Removal and Installation
 - b. Perform required additional services when replacing a CVT, refer to the ESM: TRANSMISSION & DRIVELINE > TRANSAXLE & TRANSMISSION > CVT: RE0F11B > BASIC INSPECTION > ADDITIONAL SERVICE WHEN REPLACING TRANSAXLE ASSEMBLY > Description

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
CVT Assembly	(1)	1 If needed
Nissan NS-3 CVT Fluid	999MP-CV0NS3 (2)	As needed
Washer-Drain	11026	1

(1) Use the vehicle VIN to look up the CVT Assembly in the electronic parts catalog.

(2) Order this item through the Nissan Maintenance Advantage program: Phone 877-NIS-NMA1 (877-647-6621). Website order via link on the dealer portal; www.NNAnet.com and click on the "Maintenance Advantage-Tire/Battery/Chemical" link.

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Perform CVT Fluid Replacement Only	(1)	JX1LAA	ZE	32	1.5

(1) Reference the electronic parts catalog and use the CVT Assembly as the Primary Failed Part (**PFP**).

If Aux Gearbox Shift Count is 65000 or above

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
R & R CVT	(1)	JD01AA JD023A	ZE	32	(2)

- (1) Reference the electronic parts catalog and use the CVT Assembly 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 2, 2023	NTB23-048	Original bulletin published