



TECHNICAL SERVICE BULLETIN

Classification: AT20-005B	Reference: NTB20-060B	Date: May 17, 2022
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ENHANCED DIAGNOSTIC LOGIC FOR CVT

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

APPLIED VEHICLES: 2018-2019 Kicks (P15)

IF YOU CONFIRM

The customer reports a transmission judder (shake, shudder, single or multiple bumps or vibration), hesitation on acceleration, lack of power, or RPM flare.

NOTE:

- A new diagnostic logic has been established to enhance the diagnostic process by storing a diagnostic trouble code (DTC) on **APPLIED VEHICLES**.
 - New DTCs: **P17F0, P17F1, P17F2, P17F4** will not turn the MIL ON.
- This new diagnostic logic will monitor conditions in the CVT and provide a more precise diagnosis of any potential issues with the CVT.
 - If DTCs **P17F0** and/or **P17F1** are stored in the TCM, refer to NTB22-021 for repair information.
 - If **P17F2** and/or **P17F4** are stored in the TCM, refer to the Electronic Service Manual (ESM) for diagnostic information.

ACTION

1. Confirm the current TCM part number is in **Table A**.
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.

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.

SERVICE PROCEDURE

- Using C-III plus, confirm the current TCM part number and write it on the repair order.
 - If it matches one of the part numbers in **Table A** below, proceed to step 2 to reprogram the TCM.
 - If it does not match one of the part numbers in **Table A**, TCM reprogramming is not needed. Refer to the ESM for further diagnostic information.

Table A

YEAR	CURRENT TCM PART NUMBER BEFORE REPROGRAMMING: 31036 -
2018 Kicks	5RD0A, 5RD0C
2019 Kicks	5RR2A, 5RR2B, 5RR2C, 5RR2D

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 and 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 Transmission Control Module	(1)	JE99AA	ZE	32	(2)

- (1) Refer to the Electronic Parts Catalog and use the Transmission Control Module part number (31036-XXXXX) as the PFP.
- (2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated Flat Rate Time.

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
August 27, 2020	NTB20-060	Original bulletin published
March 21, 2022	NTB20-060A	IF YOU CONFIRM updated
May 17, 2022	NTB20-060B	NOTE on page 1 revised