



TECHNICAL SERVICE BULLETIN

Classification: EC23-003	Reference: NTB23-020	Date: March 10, 2023
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MIL ON WITH FUEL INJECTOR DTC(S) STORED IN THE ECM

APPLIED VEHICLES: 2021-2023 Rogue (T33)

APPLIED ENGINES: KR15DDT

IF YOU CONFIRM

Any combination, or single occurrence, of the following DTC(s) are stored in the ECM:

- P02CC – CYL1 INJECTOR OFFSET LEARNING
- P02CD – CYL1 INJECTOR OFFSET LEARNING
- P02CE – CYL2 INJECTOR OFFSET LEARNING
- P02CF – CYL2 INJECTOR OFFSET LEARNING
- P02D0 – CYL3 INJECTOR OFFSET LEARNING
- P02D1 – CYL3 INJECTOR OFFSET LEARNING

ACTION

1. Confirm the current ECM part number.
2. Reprogram the ECM, 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 plus, confirm the current ECM part number and write it on the repair order.
 - If it matches one of the part numbers in **Table 1**, continue to step 2 on page 3.
 - 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	CURRENT ECM PART NUMBER: 23761-
2021 Rogue	6RK0D, 6RK0E, 6RK1D, 6RK1E, 6RK2D, 6RK2E, 6RK3D, 6RK3E 6RN3A, 6RN4A, 6RN5A, 6RN6A, 6RN7A, 6RN8A, 6RV8A, 6RV9A
2022 Rogue	6RD1D, 6RD1E, 6RD2D, 6RD2E, 6RD3D, 6RD3E, 6RD4D, 6RD4E 6RL1B, 6RL1C, 6RL2B, 6RL2C, 6RL3B, 6RL3C, 6RL4B, 6RL4C 6RV4A, 6RV5A, 6RV6A, 6RV7A
2023 Rogue	6RV0A, 6RV0B, 6RV1A, 6RV1B, 6RV2A, 6RV2B, 6RV3A, 6RV3B 6RX1A, 6RX1B, 6RX2A, 6RX2B, 6RX3A, 6RX3B, 6RX4A, 6RX4B

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.
- 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 the hazard warning lamps ON.
 - Turn OFF all other vehicle electrical loads such as exterior lights, interior lights, HVAC, blower, rear defogger, audio, NAVI, seat heater, steering wheel heater, etc. If electrical loads remain ON, the ECM may be damaged.
- 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.

HINT: Take the vehicle for a 10 minute drive in order to meet the following Idle Air Volume Learning conditions:

- Engine coolant temperature: 70 - 100°C (**158 - 212°F**)
- Battery voltage: More than 12.9 V (At idle)
- Transmission: Warmed up
- When reprogramming is complete, you will be required to perform **Throttle Valve Closed Position, Idle Air Volume Learning, Accelerator Closed Position, and DTC Erase.**

2. Reprogram the ECM.

HINT: If you are not familiar with the reprogramming procedure, *click here*. This will link you to the "**CONSULT-III PLUS REPROGRAMMING FOR ENGINE OR TRANSMISSION CONTROL MODULE (ECM OR TCM)**" general procedure.

3. 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 the ECM	(1)	DE97AA	ZE	32	(2)

- (1) Reference the electronic parts catalog and use the ECM part number (23703-*****) 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
March 10, 2023	NTB23-020	Original bulletin published