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# SERVICE BULLETIN

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Classification:

EC20-013A

Reference:

NTB20-028A

Date:

March 26, 2021

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## 2020 KICKS; ENGINE STOPS RUNNING WHEN COMING TO A STOP

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

**APPLIED VEHICLES:** 2020 Kicks (P15)

### IF YOU CONFIRM

A customer concern that the engine stopped running when coming to a stop and the MIL was not ON,

**And**

The vehicle is easily restarted,

**And**

No DTCs are stored.

### ACTION

1. Confirm the current ECM part number.

If applicable:

2. Adjust the base idle to 0 RPM with CONSULT-III plus (C-III plus).

3. Reprogram the ECM.

**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 ECM 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 ECM.
  - If it does not match one of the part numbers in **Table A**, ECM reprogramming is not needed. Refer to the Electronic Service Manual (ESM) for further diagnostic information.

**Table A**

MODEL	CURRENT ECM PART NUMBER: 23710-
2020 Kicks	5RW2D, 5RW3D, 5RW4D, 5RW5D

**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 C-III plus 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 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.

### HINT:

- If you are not familiar with the reprogramming procedure, *click here*. This will link you to the "CONSULT-III plus (C-III plus) ECM Reprogramming" general procedure.
- 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.
  - If IAVL does not complete, check the idle speed adjustment with C-III plus Work Support and confirm that the idle is set to 0 RPM. Once the idle speed is set to 0 rpm, IAVL can be completed.

2. Adjust the base idle to 0 rpms with C-III plus.
3. Reprogram the ECM.
4. After completing Erase ALL DTCs, print a copy of the C-III plus 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 ECM	(1)	DE97AA	ZE	32	(2)

- (1) Reference the electronic parts catalog and use the ECM 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 31, 2020	NTB20-028	Original bulletin published
March 26, 2021	NTB20-028A	Tab A on page 2 revised

