



# SERVICE BULLETIN

Classification: EC20-008a	Reference: NTB20-015a	Date: March 16, 2020
------------------------------	--------------------------	-------------------------

## MIL ON WITH DTC P0087

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

- APPLIED VEHICLES:** 2019 Armada (Y62)  
2017-2019 NV Cargo and Passenger (F80)  
2016-2019 Titan (A61)  
2016-2019 Titan XD (A61)
- APPLIED ENGINE:** VK56VD (V8 gasoline)

### IF YOU CONFIRM

The MIL is ON and DTC P0087 (FRP CONTROL SYSTEM) is stored in the ECM.

### ACTION

1. Perform the appropriate diagnostic and repair procedure according to the ESM.
2. Reprogram the ECM, if applicable.
  - The ECM reprogram in this Service Procedure is not a repair for the DTC, but instead updates the way the permanent DTC is stored and allowed to be erased. The DTC must be properly diagnosed and repaired before the reprogram is applied.

**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

1. Diagnose and repair the vehicle, per the ESM, for DTC P0087.
2. Using CONSULT-III plus (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** on page 3, proceed to step 3 to reprogram the ECM.
  - If it does not match one of the part numbers in **Table A**, ECM reprogramming is not needed. This procedure is complete.

**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.
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.

**Table A**

<b>MODEL</b>	<b>YEAR</b>	<b>CURRENT ECM PART NUMBER: 23710-</b>
Armada	2019	6JD0B, 6JD1B, 6JD0C, 6JD1C
NV Cargo and Passenger	2017	9JJ4A, 9JJ5A, 9JJ6A, 9JJ7A 9JJ4B, 9JJ5B, 9JJ6B, 9JJ7B 9JJ4C, 9JJ5C, 9JJ6C, 9JJ7C 9JJ4D, 9JJ5D, 9JJ6D, 9JJ7D
	2018	9JK0B, 9JK1B, 9JK2B, 9JK3B 9JK0C, 9JK1C, 9JK2C, 9JK3C
	2019	9JL0A, 9JL1A, 9JL2A, 9JL3A 9JL0B, 9JL1B, 9JL2B, 9JL3B 9JL0C, 9JL1C, 9JL2C, 9JL3C
Titan and Titan XD	2016	EZ20B, EZ21B, EZ22B, EZ23B EZ20C, EZ21C, EZ22C, EZ23C EZ20D, EZ21D, EZ22D, EZ23D EZ20E, EZ21E, EZ22E, EZ23E EZ48A, EZ49A    EZ58A, EZ59A EZ48B, EZ49B    EZ58B, EZ59B EZ48C, EZ49C    EZ58C, EZ59C EZ48D, EZ49D    EZ58D, EZ59D EZ48E, EZ49E    EZ58E, EZ59E
	2017	EZ01A, EZ02A, EZ03A, EZ04A, EZ05A, EZ06A, EZ07A, EZ08A EZ01B, EZ02B, EZ03B, EZ04B, EZ05B, EZ06B, EZ07B, EZ08B EZ01C, EZ02C, EZ03C, EZ04C, EZ05C, EZ06C, EZ07C, EZ08C EZ01D, EZ02D, EZ03D, EZ04D EZ10A, EZ11A, EZ13A, EZ14A, EZ16A, EZ17A, EZ19A EZ10B, EZ11B, EZ13B, EZ14B, EZ16B, EZ17B, EZ19B EZ10C, EZ11C, EZ13C, EZ14C, EZ16C, EZ17C, EZ19C EZ10D, EZ11D, EZ13D, EZ14D, EZ16D, EZ17D, EZ19D EZ10E, EZ11E, EZ13E, EZ14E, EZ16E, EZ17E, EZ19E EZ24A, EZ26A, EZ27A, EZ28A, EZ29A EZ24B, EZ26B, EZ27B, EZ28B, EZ29B EZ24C, EZ26C, EZ27C, EZ28C, EZ29C EZ24D, EZ26D, EZ27D, EZ28D, EZ29D EZ24E EZ36A, EZ37A, EZ38A, EZ39A EZ36B, EZ37B, EZ38B, EZ39B EZ36C, EZ37C, EZ38C, EZ39C
	2018	9FT1B, 9FT2B, 9FT3B, 9FT4B, 9FT5B, 9FT6B, 9FT7B, 9FT8B 9FT1C, 9FT2C, 9FT3C, 9FT4C, 9FT5C, 9FT6C, 9FT7C, 9FT8C 9FT1D, 9FT2D, 9FT3D, 9FT4D EZ54A, EZ55A, EZ56A, EZ57A EZ54B, EZ55B, EZ56B, EZ57B EZ54C, EZ55C, EZ56C, EZ57C
	2019	9FU1B, 9FU3B    9FU1C, 9FU3C EZ61B, EZ63B    EZ61C, EZ63C

## 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 3, 2020	NTB20-015	Original bulletin published
March 16, 2020	NTB20-015a	APPLIED VEHICLES and Table A updated