SERVICE BULLETIN

Classification:	Reference:	Date:
EC20-008	NTB20-015	March 3, 2020

MIL ON WITH DTC P0087

APPLIED VEHICLES: 2019 Armada (Y62)
2019 NV Cargo and Passenger (F80)
2019 Titan (A61)
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.

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**, proceed to step 3 on page 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.

Table A

MODEL	YEAR	CURRENT ECM PART NUMBER: 23710-
Armada	2019	6JD0B, 6JD0C, 6JD1B, 6JD1C
NV Cargo and Passenger	2019	9JL0A, 9JL0B, 9JL0C 9JL1A, 9JL1B, 9JL1C 9JL2A, 9JL2B, 9JL2C 9JL3A, 9JL3B, 9JL3C
Titan and Titan XD	2019	9FU1B, 9FU1C, 9FU3B, 9FU3C EZ61B, EZ61C, EZ63B, EZ63C

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.

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