



SERVICE BULLETIN

Classification:

EC19-025

Reference:

NTB19-065

Date:

August 27, 2019

2017-2019 PATHFINDER; MIL ON WITH DTC P0087 STORED

APPLIED VEHICLES: 2017-2019 Pathfinder (R52)

IF YOU CONFIRM

The Malfunction Indicator Light (MIL) is ON with Diagnostic Trouble Code (DTC) P0087 (FRP CONTROL SYSTEM) stored in the Engine Control Module (ECM),

AND

The fuel level indicates $\frac{1}{4}$ or less.

ACTION

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.

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

Reprogram the ECM

IMPORTANT: Before starting the reprogramming procedure, make sure:

- ASIST on the CONSULT PC has been synchronized (updated) to the current date.
- All CONSULT- III plus (C-III plus) software updates (if any) have been installed.
- The CONSULT PC is connected to the Internet (Wi-Fi or cable).

NOTE:

- If you are not familiar with the reprogramming procedure, *click here*. This will link 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 Learn (IAVL) conditions:
 - Engine coolant temperature: 70-100°C (158-212°F)
 - Battery voltage: More than 12.9V (At idle)
 - Transmission: Warmed up
- After reprogramming is complete, it is required to perform Throttle Valve Closed Position, Idle Air Volume Learn, Accelerator Closed Position, and DTC Erase.



Figure 1

CAUTION

- Connect a battery maintainer or smart charger set to reflash mode or a similar setting. If the vehicle battery voltage drops below 12.0V or above 15.5V during reprogramming, the ECM may be damaged.
- Be sure to turn OFF all vehicle electrical loads. If a vehicle electrical load remains ON, the ECM may be damaged.
- Be sure to connect the AC Adapter. If the CONSULT PC battery voltage drops during reprogramming, the process will be interrupted and the ECM may be damaged.
- Turn OFF all external Bluetooth® devices (e.g., cell phones, printers, etc.) within range of the CONSULT PC and the plus VI. If Bluetooth® signal waves are within range of the CONSULT PC and the plus VI during reprogramming, reprogramming may be interrupted and the ECM may be damaged.

1. 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**, reprogram the ECM.
 - If it does not match any of the part numbers in **Table A**, this bulletin does not apply. Go back to ASIST for further diagnostic and repair information.

Table A

MODEL	CURRENT ECM PART NUMBER: 23710-
2017 Pathfinder	6KA9A, 6KA9B, 6KA9C 9PG0A, 9PG0B, 9PG1A, 9PG1B 9PG2A, 9PG2B, 9PG3A, 9PG3B 9PJ0A, 9PJ0B, 9PJ0C, 9PJ1A, 9PJ1B, 9PJ1C 9PJ3A, 9PJ3B, 9PJ3C
2018 Pathfinder	9PM0A, 9PM0B, 9PM0C, 9PM1A, 9PM1B, 9PM1C 9PM2A, 9PM2B, 9PM2C, 9PM3A, 9PM3B, 9PM3C 9PM4A, 9PM4B, 9PM4C
2019 Pathfinder	9PR0A, 9PR0B, 9PR0E, 9PR1A, 9PR1B, 9PR1E 9PR2A, 9PR2B, 9PR2E, 9PR3A, 9PR3B, 9PR3E 9PR4A, 9PR4B, 9PR4E

2. 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 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
August 27, 2019	NTB19-065	Original bulletin published

