



SERVICE BULLETIN

Classification:

EC19-007

Reference:

NTB19-030

Date:

April 4, 2019

2016-2018 NISSAN; MIL ON WITH DTC P0171, P0174, P2097, AND/OR P2099

APPLIED 2016 – 2018 Altima (L33) equipped with VQ35 ONLY

VEHICLES: 2016 – 2018 Maxima (A36)
2016 – 2018 Murano (Z52)
2016 – 2018 Pathfinder (R52)

APPLIED 2016 – 2017 Altima: All

DATE: 2016 – 2017 Maxima: All

2016 – 2017 Murano: All

2016 – 2017 Pathfinder: All

2018 Altima: Built before 1N4BL3AP(*)J(*) 294029 // July 24, 2018

2018 Maxima: Built before 1N4AA6AP(*)JC 393164 // June 13, 2018

2018 Murano: Built before 5N1AZ2M(**)JN 133877 // February 15, 2018

2018 Pathfinder: Built before 5N1(*)R2M(**)JC 646759 // March 12, 2018

APPLIED Equipped with **VQ35 ONLY**
ENGINE:

IF YOU CONFIRM

The MIL is ON with one or more of the following Air/Fuel (A/F) Sensor DTCs stored:

- P0171 (Fuel Injection System Function)
- P0174 (Fuel Injection System Function)
- P2097 (A/F SENSOR 1)
- P2099 (A/F SENSOR 1)

ACTION

1. Perform the appropriate diagnostic procedure outlined in the Electronic Service Manual (ESM).
2. Refer to **Table A** on page 2 and page 3 to confirm if Electronic Control Module (ECM) reprogramming is needed.

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. Refer to the ESM and perform the appropriate diagnostic procedure.
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**, below, proceed to step 3 on page 5 to reprogram the ECM.
 - If there is no match, no further action is required.

Table A

MODEL	YEAR	CURRENT ECM PART NUMBER: 23710-
Altima (VQ35 only)	2016	9HS0A, 9HS0B, 9HS1A, 9HS1B, 9HS2A, 9HS2B
	2017	9HT0A, 9HT1A, 9HT2A
	2017.5	3TG0A, 3TG1A
	2018	3NT8A, 3NT9A
Maxima	2016	4RA0A, 4RA0E 4RA1A, 4RA1B, 4RA1C, 4RA1D, 4RA1E 4RA2A, 4RA2B, 4RA2C, 4RA2D, 4RA2E 4RA3A, 4RA3B, 4RA3C 4RA4A, 4RA4B 4RA5A, 4RA5B 4RA6A, 4RA6B
	2017	9DD0A, 9DD0B 9DD1A, 9DD1B 9DD2A, 9DD2B
	2017.5	9DD9A
	2018	4RA7A, 4RA8A 4RE0A 9DE1A, 9DE2A, 9DE3A, 9DE4A, 9DE5A, 9DE6A, 9DE7A, 9DE8A, 9DE9A

Continued on the next page.

Table A (continued)

MODEL	YEAR	CURRENT ECM PART NUMBER: 23710-
Murano	2016	9UA0A, 9UA0B 9UA1A, 9UA1B 9UA2A, 9UA2B 9UA3A, 9UA3B
	2017	9UC4A, 9UC5A, 9UC6A, 9UC7A
	2018	5BN0A, 5BN1A, 5BN2A, 5BN3A
Pathfinder	2016	9PF0A, 9PF0B 9PF1A, 9PF1B
	2017	6KA9A, 6KA9B 9PJ0A, 9PJ0B 9PJ1A, 9PJ1B 9PJ3A, 9PJ3B
	2017.5	9PG0A, 9PG1A, 9PG2A, 9PG3A
	2018	9PM0B, 9PM1B, 9PM2B, 9PM3B, 9PM4B

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 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 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, you will be required to perform Throttle Valve Closed Position, Idle Air Volume Learn, Accelerator Closed Position, and DTC erase.



Figure A

CAUTION:

- Connect the GR8 to the 12V battery and select ECM Power Supply Mode. 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 VI. If Bluetooth® signal waves are within range of the CONSULT PC during reprogramming, reprogramming may be interrupted and the ECM may be damaged.

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) line claim using the following claims coding:

DESCRIPTION	OP CODE	PFP	SYM	DIAG	FRT
Reprogram ECM	DE97AA	(1)	ZE	32	(2)

- (1) Refer to the electronic parts catalog, and use the ECM assembly part number (23703-*****) as the Primary Failed Part (PFP).
- (2) Reference the Nissan Warranty Flat Rate Manual and use the indicated flat rate time.

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
April 4, 2019	NTB19-030	Original bulletin published