Technical Bulletin

SERVICE BULLETIN

Classification:	Reference:	Date:
EC19-018a	NTB19-045a	September 19, 2019

MIL ON WITH DTC P0087, P0101, P0448, OR P2008

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

APPLIED VEHICLES: 2015 – 2018 Altima (L33)
2019 Altima (L34)
2015 – 2017 Juke (F15)
2019 Kicks (P15)
2016 – 2018 Maxima (A36)
2015 – 2018 Murano (Z52)
2017 Rogue Sport (J11)
2017 – 2018 Rogue Hybrid (T32H)
2015 – 2019 Pathfinder (R52)
2017 – 2019 Sentra (B17) **with MR16DDT**
2018 Versa Note (E12)
2018 Versa Sedan (N17)

IF YOU CONFIRM

An applied vehicle has a stored DTC shown in **Table A** on the next page,

AND

The ECM part number is shown in **Table B**, starting on page 3.

ACTION

1. First, perform the appropriate diagnostic procedure for the stored code to repair the vehicle according to the Electronic Service Manual (ESM).

2. Reprogram the ECM after performing the diagnosis and repair.

   - 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 <u>must be</u> properly diagnosed and repaired <u>before</u> 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. Confirm that the applied vehicle has a stored code shown in **Table A**, below.

- If there is a match:

  a. Perform the diagnosis and repair procedure for the code per the ESM.

  b. Continue to step 2.

- If there is NOT a match, this bulletin does not apply.

Table A

Model	Engine	2015	2016	2017	2018	2019
Altima	VQ35DE	P0448	P0448	P0448	P0448	
		P0101	P0101	P0101	P0101	
	PR25DD					P0087
						P2008
Juke	MR16DDT	P0448	P0448	P0448		
Kicks	HR16DE					P2008
Maxima	VQ35DE		P0448	P0448	P0448	
			P0101	P0101	P0101	
Murano	VQ35DE	P0448	P0448	P0448	P0448	
		P0101	P0101	P0101	P0101	
				P0087	P0087	
Rogue Sport	MR20DD			P0448		
Rogue Hybrid	MR20RM31			P0448	P0448	
Sentra	MR16DDT			P0448	P0448	P0448
Pathfinder	VQ35DE	P0448	P0448			
		P0101	P0101			
	VQ35DD			P0448		
				P0087	P0087	P0087
Versa Note	HR16DE(MT)				P0448	
Versa Sedan	HR16DE				P0448	

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 B,** starting on the next page, proceed to step 3 on page 6 to reprogram the ECM.

- If there is not a match, no further action is required.

Table B

Model	Year	CURRENT ECM PART NUMBER: 23710-
Altima	2015	9HP6A, 9HP6B, 9HP6C, 9HP6D 9HP7A, 9HP7B, 9HP7C, 9HP7D
	2016	9HS0A, 9HS1A, 9HS2A 9HS0B, 9HS1B, 9HS2B 9HS0C, 9HS1C, 9HS2C
	2017	3TG0A, 3TG1A 3TG0B, 3TG1B 9HT0A, 9HT1A, 9HT2A, 9HT0B, 9HT1B, 9HT2B
	2018	3NT8A, 3NT9A 3NT8B, 3NT9B
	2019	6CA7A, 6CA9A 6CA7B, 6CA9B 6CA7C, 6CA9C 6CB3A, 6CB5A, 6CB6A, 6CB8A 6CB3B, 6CB5B 6CB6B, 6CB8B 6CB3C, 6CB5C 6CC0A, 6CC2A 6CC0B, 6CC2B
Juke	2015	3YM2A, 3YM3A, 3YM4A, 3YM5A, 3YM6A, 3YM7A 3YM2B, 3YM3B, 3YM4B, 3YM5B, 3YM6B, 3YM7B 3YM2C, 3YM3C, 3YM4C, 3YM5C, 3YM6C, 3YM7C 3YM2D, 3YM3D, 3YM4D, 3YM5D, 3YM6D, 3YM7D 3YM2E, 3YM3E, 3YM4E, 3YM5E, 3YM6E, 3YM7E 4DT0A, 4DT1A, 4DT2A, 4DT3A, 4DT4A, 4DT5A 4DT0B, 4DT1B, 4DT2B, 4DT3B, 4DT4B, 4DT5B 4DT0C, 4DT1C, 4DT2C, 4DT3C, 4DT4C, 4DT5C 4DT0D, 4DT1D, 4DT2D, 4DT3D, 4DT4D, 4DT5D 4DT0E, 4DT1E
	2016	3PT1A, 3PT2A, 3PT3A, 3PT4A, 3PT5A, 3PT6A 3PT1B, 3PT2B, 3PT3B, 3PT4B, 3PT5B, 3PT6B 3PT1C, 3PT2C, 3PT3C, 3PT4C, 3PT5C, 3PT6C 3PT1D, 3PT2D, 3PT3D, 3PT4D, 3PT5D, 3PT6D 3PT1E, 3PT2E, 3PT3E, 3PT4E, 3PT5E, 3PT6E
	2017	1TW4A, 1TW5A, 1TW6A, 1TW7A 1TW4B ,1TW5B, 1TW6B, 1TW7B 1TW4C, 1TW5C, 1TW6C, 1TW7C 3PU8A, 3PU9A 3PU8B, 3PU9B 3PU8C, 3PU9C
Kicks	2019	9VB0A, 9VB1A, 9VB2A, 9VB3A

Table B (continued)

Maxima	2016	4RA0A, 4RA1A, 4RA2A, 4RA3A, 4RA4A, 4RA5A, 4RA6A 4RA1B, 4RA2B, 4RA3B, 4RA4B, 4RA5B, 4RA6B 4RA1C, 4RA2C, 4RA3C 4RA1D, 4RA2D 4RA0E, 4RA1E, 4RA2E
	2017	9DD0A, 9DD1A, 9DD2A, 9DD9A 9DD0B, 9DD1B, 9DD2B
	2018	9DE1A, 9DE2A, 9DE3A, 9DE5A, 9DE6A, 9DE7A
Murano	2015	5AA0A, 5AA3A, 5AA4A, 5AA5A 5AA0B, 5AA3B, 5AA4B, 5AA5B 5AA0C, 5AA3C, 5AA4C, 5AA5C 5AA0D, 5AA3D, 5AA4D, 5AA5D 5AA0E, 5AA3E 5AA4E, 5AA5E
	2016	9UA0A, 9UA1A, 9UA2A, 9UA3A 9UA0B, 9UA1B, 9UA2B, 9UA3B 9UA0C, 9UA1C, 9UA2C, 9UA3C
	2017	9UC4A, 9UC5A, 9UC6A, 9UC7A 9UC4B, 9UC5B, 9UC6B, 9UC7B
	2018	5BN0A, 5BN1A, 5BN2A, 5BN3A 5BN0B, 5BN1B, 5BN2B, 5BN3B
Pathfinder	2015	9PB0A, 9PB1A 9PB0B, 9PB1B 9PB0C, 9PB1C 9PB0D, 9PB1D 9PF1A 9PF1B 9PF1C
	2016	9PF0A, 9PF0B, 9PF0C,
	2017	6KA9A, 6KA9B, 6KA9C 9PG0A, 9PG1A, 9PG2A, 9PG3A 9PG0B, 9PG1B, 9PG2B, 9PG3B 9PJ0A, 9PJ1A, 9PJ3A 9PJ0B, 9PJ1B, 9PJ3B 9PJ0C, 9PJ1C, 9PJ3C
	2018	9PM0A, 9PM0B, 9PM0C 9PM1A, 9PM2A, 9PM3A, 9PM4A 9PM1B, 9PM2B, 9PM3B, 9PM4B 9PM1C, 9PM2C, 9PM3C, 9PM4C
	2019	9PR0A, 9PR1A, 9PR2A, 9PR3A, 9PR4A 9PR0B, 9PR1B, 9PR2B, 9PR3B, 9PR4B 9PR0E, 9PR1E, 9PR2E, 9PR3E, 9PR4E

Table B (continued)

Rogue Sport	2017	6MA0A, 6MA1A, 6MA2A, 6MA3A, 6MA4A, 6MA5A, 6MA6A, 6MA7A, 6MA8A, 6MA9A 6MA0B, 6MA1B, 6MA2B, 6MA3B, 6MA4B, 6MA5B, 6MA0D, 6MA1D, 6MA2D, 6MA3D, 6MA4D, 6MA5D, 6MA2E, 6MA3E, 6MA4E, 6MA5E, 6MB0A, 6MB1A, 6MB2A, 6MB3A, 6MB6A, 6MB0B, 6MB1B, 6MB2B, 6MB3B, 6MB7A, 6MB0D, 6MB1D, 6MB2D, 6MB3D, 6MB8A, 6MB0E, 6MB1E, 6MB2E, 6MB3E, 6MB9A
	2018	6ME0A, 6ME1A, 6ME0B, 6ME1B 6MG0A, 6MG1A, 6MG2A, 6MG3A, 6MG4A, 6MG5A, 6MG6A, 6MG7A, 6MG8A, 6MG9A 6MG0B, 6MG1B, 6MG2B, 6MG3B, 6MG4B, 6MG5B, 6MG6B, 6MG7B, 6MG8B, 6MG9B 6MH0A, 6MH1A, 6MH2A, 6MH3A, 6MH4A, 6MH5A, 6MH6A, 6MH7A, 6MH8A, 6MH9A 6MH0B, 6MH1B, 6MH2B, 6MH3B, 6MH4B, 6MH5B, 6MH6B, 6MH7B, 6MH8B 6MH9B 6MH2C, 6MH3C, 6MH4C, 6MH5C, 6MH6C, 6MH7C 6MH8C, 6MH9C
Rogue Hybrid	2017	4BC2A, 4BC3A 4BC2B, 4BC3B
	2018	7FH4A, 7FH5A
Sentra	2017	3RF8A, 3RF9A 3RF8B, 3RF9B, 3RF8C 3SR4A, 3SR5A 3SR4B, 3SR5B 3SR4C, 3SR5C 3SR4D, 3SR5D 3SR5E
	2018	3RP0A, 3RP1A, 3RP2A, 3RP3A 3RP0B, 3RP1B, 3RP2B, 3RP3B
	2019	9AE1A, 9AE2A, 9AE3A, 9AE4A
Versa Note	2018	9MF0A, 9MF0B 9MF1A, 9MF1B 9MF2A, 9MF2B 9MF3A, 9MF3B 9MF4A, 9MF4B, 9MF4C 9MF5A, 9MF5B, 9MF5C
Versa Sedan	2018	9KZ0B, 9KZ0C 9KZ1B, 9KZ1C 9KZ2B, 9KZ2C

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 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 VI. If Bluetooth® signal waves are within range of the CONSULT PC during reprogramming, reprogramming may be interrupted and the ECM may be damaged.

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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
June 14, 2019	NTB19-045	Original bulletin published
September 19, 2019	NTB19-045a	Applied vehicles added to first page, Table A and Table B