



SERVICE BULLETIN

Classification:

EC21-023

Reference:

NTB22-001

Date:

January 12, 2022

DTC P0300 AND/OR P0301(2/3/4/5/6) IS STORED DURING A COLD START

APPLIED VEHICLES: 2022 Frontier (D41)

IF YOU CONFIRM

DTC P0300 and/or any of the following DTCs are stored in the ECM;

- P0301
- P0302
- P0303
- P0304
- P0305
- P0306

AND

The DTC only stores during a cold start.

ACTION

1. Confirm the current ECM part number.
2. Reprogram the ECM, if applicable.
3. Replace the intake manifold.

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

- 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 1**, continue to step 2 below.
 - If it does not match one of the part numbers in **Table 1**, **Erase All DTCs** and then skip to step 4 on page 3.

Table 1

MODEL	CURRENT ECM PART NUMBER: 23701-
2022 Frontier	9BU1D, 9BU2D, 9BU3D, 9BU4D, 9BU5D, 9BU6D
	9BU1E, 9BU2E, 9BU3E, 9BU4E, 9BU5E, 9BU6E

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 or VI during reprogramming, the reprogramming may be interrupted.
- Turn OFF all vehicle electrical loads.
- Turn ON the hazard warning lamps.
- 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) REPROGRAMMING FOR ENGINE OR TRANSMISSION CONTROL MODULE (ECM OR TCM)**" 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**.

- Reprogram the ECM.
- 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.

4. Replace the intake manifold (Figure 1) with one listed in the **PARTS INFORMATION** on page 4.
- Refer to the ESM: **ENGINE > ENGINE MECHANICAL > VQ38DD > REMOVAL AND INSTALLATION > INTAKE MANIFOLD**

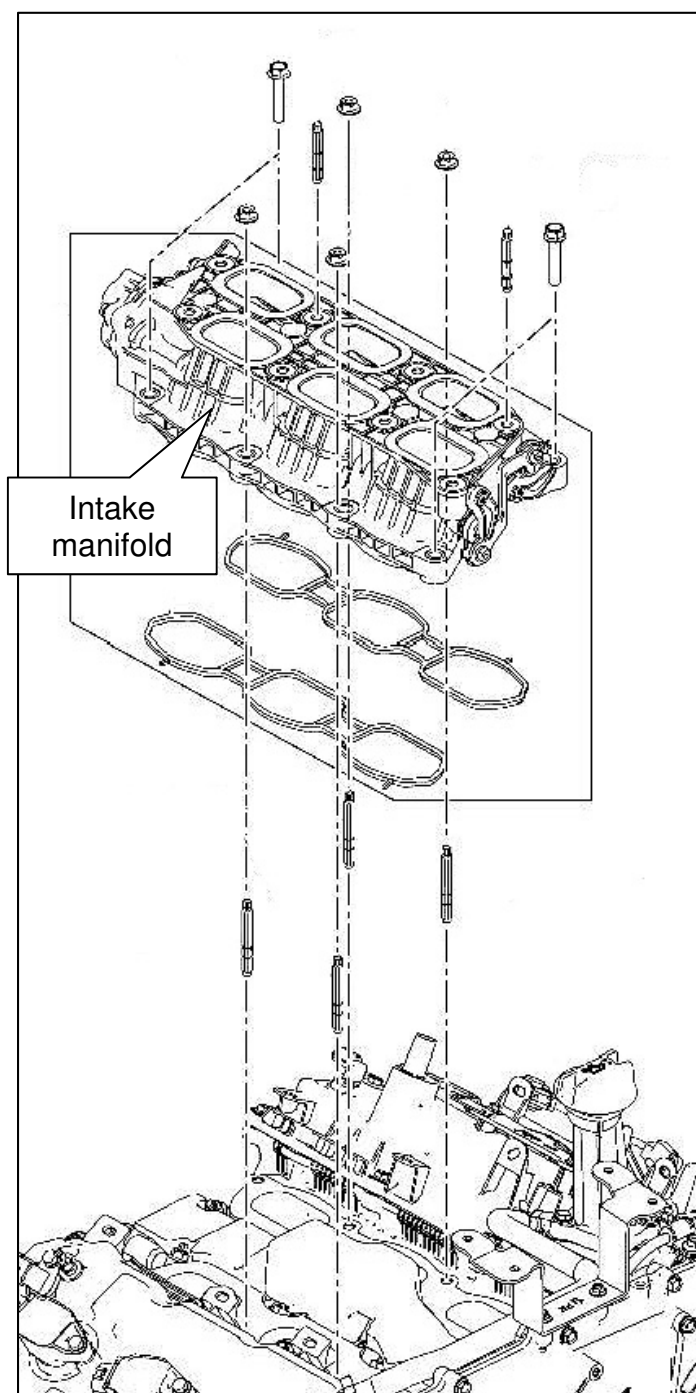


Figure 1

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
Intake Manifold	14001-9BT0B	1
Gaskets	14035-9BT0A	2 (1)
Gaskets	14032-9BT0A	2 (1)

(1) Single use part.

CLAIMS INFORMATION

Submit a Primary Part (PP) type line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Replace Intake Manifold	(1)	AT20AA	HD	32	(2)
Reprogram ECM		DE97AA			(2)

- (1) Reference the electronic parts catalog and use the Intake Manifold Assembly part number (14001 - *****) 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
January 12, 2022	NTB22-001	Original bulletin published