



TECHNICAL SERVICE BULLETIN

Classification: EC23-010	Reference: NTB24-016	Date: April 24, 2024
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DTC P161F FOR IMMOBILIZER CODE STORED IN ECM WITH VEHICLE NO-START CONDITION

APPLIED VEHICLES: 2022-2023 Pathfinder (R53)
APPLIED DATES: Built on or before October 17, 2022

IF YOU CONFIRM

The vehicle cranks but will not start, and DTC P161F for “IMMOBILIZER” is stored in the ECM.

ACTION

Follow the **SERVICE PROCEDURE** in this bulletin to 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.

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 CONSULT-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**, this bulletin does not apply. Go back to ASIST for further diagnostic and repair information.

Table 1

MODEL	CURRENT ECM PART NUMBER: 23671-
2022	6TH0A, 6TH0B, 6TH0C, 6TH0D, 6TH0E, 6TR4A, 6TH1A, 6TH1B 6TH1C, 6TH1D, 6TH1E, 6TR5A, 6TH2A, 6TH2B, 6TH2C, 6TH2D 6TH2E, 6TR6A, 6TH3A, 6TH3B, 6TH3C, 6TH3D, 6TH3E, 6TR7A
2023	6TH5B, 6TH6B, 6TH7B, 6TH8B

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.
 - Ensure ASIST on the CONSULT PC has been synchronized (updated) to the current date and all CONSULT software updates (if any) have been installed.
 - When reprogramming is complete, you will be required to perform **Throttle Valve Closed Position, Idle Air Volume Learning, Accelerator Closed Position, and DTC Erase**.
 - 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 the hazard warning lamps ON.
 - Turn OFF all other vehicle electrical loads such as exterior lights, interior lights, HVAC, blower, rear defogger, audio, NAVI, seat heater, steering wheel heater, etc. If electrical loads remain ON, the ECM may be damaged.
 - 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 13.5 V.
- If prompted, select **USA/CANADA Dealers** from the drop-down menu, and then select **OK**.
 - Login using your NNAnet credentials.

IMPORTANT: If not prompted to enter your username and password, the CONSULT PC may not be connected to Wi-Fi. Close C-III plus, confirm the CONSULT PC is connected to Wi-Fi, and then reopen C-III plus.

4. Reprogram the ECM.

HINT: If you are not familiar with the reprogramming procedure, [click here](#). This will link you to the "**CONSULT-III PLUS REPROGRAMMING FOR ENGINE OR TRANSMISSION CONTROL MODULE (ECM OR TCM)**" general procedure.

5. After completing **Erase All DTCs**, print a copy of the CONSULT 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 Engine Control Module ECM)	(1)	DE97AA	ZE	32	(2)

- (1) Reference the electronic parts catalog and use the ECM Blank (23703-*****) as the Primary Failed Part (**PFP**).
- (2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated Flat Rate Time (**FRT**).

HINT: FRT allows adequate time to access DTC codes and reprogram the ECM. No other diagnostic procedures subsequently required. Do NOT claim any Diagnostic Op Codes with this claim.

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
April 24, 2024	NTB24-016	Original bulletin published