

AT15-004

Classification:

Reference:

NTB15-017

March 11, 2015

Date:

2014 NV200 TAXI; MIL ON WITH DTC P0776 AND/OR VEHICLE LACKS POWER

APPLIED VEHICLE: 2014 NV200 Taxi (M20)

NOTE: Does not apply to 2014 NV200 Cargo.

IF YOU CONFIRM:

One or a combination of the following:

- The MIL is ON and DTC P0776 (PC SOLENOID B [Pressure Control Solenoid "B") Performance/Stuck Off]) is stored.
- The customer states the vehicle lacks power when accelerating. •
- The customer states there is a slow or delayed engagement after shifting into Drive • or Reverse.

ACTION:

- 1. Compare the vehicle's current TCM part number to the part number listed in Table A (see page 4).
- 2. If vehicle's current TCM part number matches the part number listed in **Table A**, reprogram the TCM.

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

TCM Part Number Check / Reprogramming

NOTE:

- Most instructions for reprogramming with CONSULT-III plus (C-III plus) are displayed on the CONSULT PC screen.
- If you are not familiar with the reprogramming procedure, click here. This will link you to the "CONSULT-III plus (C-III plus) Reprogramming" general procedure.

IMPORTANT: Before starting, make sure:

- ASIST on the CONSULT PC has been freshly synchronized (updated).
- All C-III plus software updates (if any) have been installed.

NOTE: The CONSULT PC automatically gets applicable reprogramming data during ASIST synchronization.

- A screen print for warranty documentation can be done from the CONSULT PC during this process while still connected to the vehicle.
- **No DTCs stored.** Use C-III plus to perform Self Diagnosis for all systems and erase all DTCs.

CAUTION:

- Connect the GR8 to the vehicle 12 volt battery and set to ECM power supply mode. If the vehicle battery voltage drops below 12.0V or rises above 13.5V during reprogramming, the <u>TCM may be damaged</u>.
- Be sure to turn OFF all vehicle electrical loads. If a vehicle electrical load remains ON, the <u>TCM may be damaged</u>.
- Be sure to connect the AC Adapter. If the CONSULT PC battery voltage drops during reprogramming, the process will be interrupted and the <u>TCM may be</u> <u>damaged</u>.
- Be sure the plus VI is securely connected. If the plus VI connections are loose during reprogramming, the process may be interrupted and the <u>TCM may be</u> <u>damaged</u>.
- 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 or plus VI during reprogramming, reprogramming may be interrupted and the <u>TCM may be damaged</u>.

- 1. Connect the CONSULT PC and plus VI to the vehicle to begin the reprogramming procedure.
- 2. Open C-III plus.
- 3. Wait for the plus VI to be recognized.
 - The plus VI's serial number will display when it is recognized.
- 4. Select **Re/programming, Configuration**.

	CONSULT-III plus Ver.41.20 Ver.CSP20.30 VIN:- Back Image: Construction of the second s	Vehicle : - Country : United States Orded Help Image: Country : United Miles
	Connection Status	Diagnosis Menu
	Serial No. Status	Diagnosis (One System)
Step 3: plus VI is recognized	VI 2314426 Normal Mode/Wireless connection	Diagnosis (All Systems)
	MI - Onection	Re/programming, Configuration
	Select VI/MI	
	Application Setting Sub mode Image Setting	Maintenance
	VDR	
	Fig	

Figure 1

5. Follow the on-screen instructions and navigate C-III plus to the screen shown in Figure 2 on the next page.

- 6. When you get to the screen shown in Figure 2, confirm this bulletin applies as follows:
 - A. Find the TCM **Part Number** and write it on the repair order.

NOTE: This is the <u>current</u> TCM Part Number (P/N).

Ver.CSP20.30	2014		States
Back Eight Back Print Screen	Measurement Mode	(11.9V VI MI	
Re/programming, Configuration	ration Selection Save ECU Data		7/7
Save ECU Data			
Touch "Save" to save operation log and Operation log helps to restart next operat after operation has completely finished.	he current part number as listed below to C on by selecting suitable operation log. Opera	ONSULT. ation log is erased	
File Label	*****	(
Operation 6A: Curre	REPROGRAMMING		
System			
Part Number	31036 -XXXXX		
Vehicle	*****		
VIN	*****	x]
Date	******	(X	Save

Figure 2

- B. Compare the P/N you wrote down to the P/N in the **Current TCM Part Number** column in **Table A** below.
 - If there is a <u>match</u>, this bulletin <u>applies</u>. Continue with the reprogramming procedure.
 - If there is <u>not a match</u>, this bulletin <u>does not apply</u>. Refer to ASIST for further diagnosis.

Table A

Current TCM Part Number:

31036-3LN0A

7. Follow the on-screen instructions to navigate C-III plus and reprogram the TCM.

NOTE:

- In some cases, more than one new P/N for reprogramming is available.
 - > In this case, the screen in Figure 3 displays.
 - Select and use the reprogramming option that <u>does not</u> have the message "Caution! Use ONLY with NTBXX-XXX".
- If you get this screen and it is <u>blank</u> (no reprogramming listed), it means there is no reprogramming available for this vehicle. Close C-III plus and refer back to ASIST for further diagnosis.

CONSULT-III plus Ver.44	1.20 VIN:-		Vehicle : -		Country : United States		
Back Home Prin	Article A	Measurement Mode Recorded	Help 1	🕋 🗾 🗙 2.3V VI MI			
Re/programming, Configuration	Prec	aution	t Program Data	Confirm Vehicle Condition	9/11		
Select Program Data							
Touch and select the reprog/programming data listed below. In case no reprog/programming data is listed below, confirm the vehicle selection, VIN and reprog/programming data in CONSULT.							
System	TRANSMISS	ION					
Current Part Number	Part Num	ber After Repro/programm	ning Other	Other Information			
xxxxx-xxxxx	x	xxx-xxxxx	XXXXXXXX				
XXXXX-XXXXX	XX	XXXXX-XXXXX		XXXXXXXXXXX			
			01	0	Next		

Figure 3

8. When the screen in Figure 4 displays, reprogramming is complete.

NOTE: If the screen in Figure 4 does <u>not</u> display (reprogramming does <u>not</u> complete), refer to the information on page 7.

- 9. Disconnect the battery charger from the vehicle.
- 10. Select Next.



Figure 4

TCM Recovery

NOTE: If reprogramming does <u>not</u> complete and the **!?** displays as shown in Figure 5:

- Check battery voltage (12.0 15.5V).
- Ignition is ON, engine is OFF.
- External Bluetooth[®] devices are OFF.
- All electrical loads are OFF.
- Select <u>Retry</u> and follow the on screen instructions.
- <u>Retry may not go through on</u> <u>the first attempt and can be</u> <u>selected more than once</u>.

CONSULT-III plus Ver.41.20 Ver.CSP20.30 VIN	:- Vehicle : -	Country : United States					
Back Home Print Screen Capture	Measurement Mode Data	× • 📄 🧱					
Re/programming, Configuration	ansfer Data	9/9					
Confirm Result							
Reprogramming or programming is not completed properly, but you can retry reprog/programming operation on this ECU. Touch "Retry" to retry reprogramming or programming.							
Part number after Reprog/programming	31036-XXXXX						
Current Part Number	31036-XXXXX						
Vehicle	*****						
VIN							
System	TRANSMISSION						
Date	*****	Retry					
Other Information	6.26=>6.27						
Error Code	*****	Print					

Figure 5

OR: If reprogramming does <u>not</u> complete and the **X** displays as shown in Figure 6:

Do not disconnect plus VI or shut down Consult III plus if reprogramming does not complete.

- Check battery voltage (12.0 15.5V).
- CONSULT A/C adapter is plugged in.
- Ignition is ON, engine is OFF.
- Transmission in Park.
- All C-III plus / plus VI cables are securely connected.
- All C-III plus updates are installed.

CONSULT-III plus Ver.41.20 Ver.CSP20.30	N:- Vehicle : -	Country : United States					
Back Home Print Screen	Messurement Mode Recorded Data	× = _ X					
Re/programming, Configuration	ransfer Data	2/2					
Confirm Result							
Reprogramming or programming is not completed properly. ECU has been broken, and impossible to reuse anymore. Touch "Home" to back to Home Screen, replace ECU with Service Manual.							
Part number after Reprog/programming	31036-XXXXX						
Current Part Number	31036-XXXXX						
Vehicle	******						
VIN	******						
System	TRANSMISSION						
Date	*****						
Other Information	Information 6.26=>6.27						
Error Code	*****	Print					

Figure 6

- 11. When the entire reprogramming process is complete, the screen in Figure 7 will display.
- 12. Verify the before and after part numbers are different.
- 13. Print a copy of this screen (Figure 7) and attach it to the repair order for warranty documentation.
- 14. Select **Confirm**.

Ver.CSP20.30			States	
Back Ame Print Screen Capture	Measurement Mode Contract International Inte	3.7V VI MI		
Re/programming, Configuration	Se All DTCs Print Result / Operation Complete		14/14	
Print Result / Operation Complete				
All tasks are completed. Confirm LAN acce In case CONSULT can NOT immediately ac temporally storage of this page. Touch "Sc Data Folder" on desk top, and open the fold	ss, touch "Print" to print out this page. cess to LAN or printer, Screen Capture functior een Capture", and save it. Screen capture data er named "ScreenImages".	n is available for a is in "CIII plus		
Part number after Reprog/programming	ер з1036-ххххх			
Part number before Reprog/programming	2 <u>31036-XXXXX</u>			
Vehicle	*****			
VIN	*****			
System	TRANSMISSION		Print	Step
Date	*****			
	1/	1	Confirm	Step 14
	C '			

Figure 7

- 15. Erase any DTCs that may have been set.
- 16. Close C-III plus.
- 17. Turn the ignition OFF.
- 18. Disconnect the plus VI from the vehicle.
- 19. Make sure the vehicle operates correctly and the MIL is OFF.
 - If the MIL comes ON, go back to ASIST for further diagnosis.
 - Diagnosis and repairs beyond TCM reprogramming is not covered by this bulletin.

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Reprogram Transmission Control	(1)	JEOAAA	7F	32	(2)
Module	(')	020/000		52	(_)

(1) Refer to the electronic parts catalog (FAST) and use the TCM assembly part number (310F6 - XXXXX) as the Primary Failed Part (PFP).

(2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated FRT.

(3) FRT allows adequate time to access DTC codes and reprogram TCM. No other diagnostic procedures subsequently required. Do NOT claim any Diagnostic Op Codes with this claim.