

# SERVICE BULLETIN

AT16-015

NTB1<u>6-108</u>

Date: November 14, 2016

### 2016 TITAN XD; ENGINE RPM FLUCTUATES WHILE DRIVING AT STEADY SPEED

APPLIED VEHICLES:2016 Titan XD (A61)APPLIED ENGINE:VK56VD (Gasoline V8)APPLIED TRANSMISSION:7AT - RE7R01B

#### IF YOU CONFIRM

While driving at a steady speed, the engine RPM goes up and down (fluctuates) a small amount.

#### ACTION

- 1. Refer to step 6 in the **SERVICE PROCEDURE** to confirm TCM reprogramming applies.
- 2. If it applies, reprogram the TCM.

**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

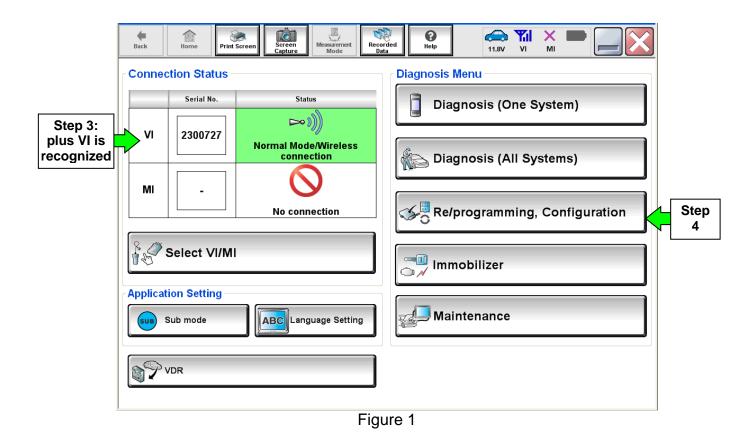
#### NOTE:

- 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.

#### CAUTION:

- Connect the GR8 to the 12V battery and set to ECM power supply mode. If the vehicle battery voltage goes below <u>12.0V or above 15.5V</u> during reprogramming, <u>the TCM may be damaged</u>.
- Be sure to turn OFF all vehicle electrical loads. If a vehicle electrical load remains ON, <u>the 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 TCM may be damaged.
- Turn OFF all external Bluetooth<sup>®</sup> devices (e.g., cell phones, printers, etc.) within
  range of the CONSULT PC and the plus VI. If Bluetooth<sup>®</sup> signal waves are
  within range of the CONSULT PC during reprogramming, reprogramming may
  be interrupted and <u>the TCM may be damaged</u>.

- 1. Connect the plus VI to the vehicle and open/start CONSULT-III plus.
- 2 Confirm the ignition is ON, with engine OFF.
- 3. Confirm the plus VI is recognized.
  - The Serial No. will display when the plus VI is recognized.
- 4. Select Re/programming, Configuration.



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 Home Print Screen Capture	Measurement Mode	Recorded Data	(11.9V	
Configuration Opera	tion Selection	Save ECU Data	]	7/7
Save ECU Data				
Touch "Save" to save operation log and th Operation log helps to restart next operatio after operation has completely finished.				
File Label		*****	xxxx	
Operation	( 7014	REPROGRAMM	ling	
System 6A: <u>Curre</u> P/N		TRANSMISSI	N	
Part Number		31039 -XXXX	x	
Vehicle		*****	xxx	
VIN		*****	xxxxx	
Date		*****	xxxxx	Save
	_			

- Figure 2
- B. Compare the P/N you wrote down to the numbers in the **Current TCM Part Number** column in **Table A** below.
  - If there is a <u>match</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

Model	Current TCM Part Number: 31039 -
2016 Titan XD	26X2A, 26X2B, 26X2C, 26X2D

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.
  - 1. If more than one new P/N is available, the screen in Figure 3 displays.
  - 2. 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.

Back Home Print	Screen Capture Mode	Recorded Bata	(11.8V VI MI	
Re/programming, Configuration	Precaution	Select Program Data	Confirm Vehicle Condition	9/11
Select Program Data				
	og/programming data listed be ming data is listed below, confi n CONSULT.		N and	
System	TRANSMISSION			
Current Part Number	Part Number After Repr	o/programming	Other Information	-
xxxxx-xxxxx xxxx-xxxxx	XXXXX-XXXXX XXXXX XXXXX			
			0/0	Next

Figure 3

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

**NOTE:** If the screen in Figure 4 does not display (indicating that reprogramming did not complete), refer to TCM recovery on the next page.

- 9. Disconnect the GR8 (battery charger) from the vehicle.
- 10. Select Next.

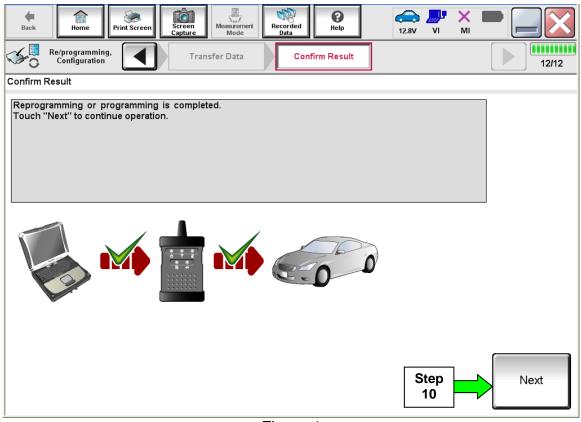


Figure 4

**NOTE:** Additional steps on page 8 are required before C-III plus will provide the final reprogramming confirmation report.

#### **TCM Recovery**

### Do not disconnect the plus VI or shut down C-III plus if reprogramming does not complete.

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

- Check battery voltage (12.0 15.5 V).
- Ignition is ON, engine OFF.
- External Bluetooth<sup>®</sup> 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>first attempt and can be</u> <u>selected more than once</u>.

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Back Hane Print Screen	tion Made	sorthed Data	12.3V VI M	
resprogramming, 💽	Transfer Data	Confirm Resul	-	1313
Confirm Result				
Reprogramming or programming is not o operation on this ECU. Touch "Retry" to retry reprogramming o		t you can retry reprog/p	rogramming	R
Part number after Reprog/programming		284B2-XXXXX		
Part number before Reprog/programming		284B2-XXXXX	0	
Vehicle		QASHQAI		
Vehicle		QASHQAI SJNFDNJ10U100	000	
	-		000	
VIN		SJNFDNJ10U100	201	Retry
VIN System		SJNFDNJ 10U 100 BCM	201	Retry

Figure 5

## If reprogramming does <u>not</u> complete and the "X" icon displays as shown in Figure 6:

- Check battery voltage (12.0 15.5 V).
- CONSULT A/C adapter is plugged in.
- Ignition is ON, engine OFF.
- Transmission is in Park.
- All C-III plus / VI cables are securely connected.
- All C-III plus updates are installed.
- Select <u>Home</u>, and restart the reprogram procedure from the beginning.

CONSULT-IL BLUS Ver	VIN Vehicle (QASHQA)	County : Japan
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Refprogramisg.	Transfer Eats Confirm Result	9/9
anfirm Result		
with procedure.	ny. DNSULT version, IGN/Power switch position, shift position I once, and start the reprogramming again.	hard etc
Part number after	284E2-XXXXX	
Reprog/programming		
	28482-XXXXX	
Current part number		
Reprog/programming Current part number Vehicle VIN	284E2-3XXXX	
Current part number	28482-XXXXX QASHQAI	
Current part number Welticle	28482-XXXXX QASHQAI SUNFDNJ10U100000	
Current part number Vehicle VIN System	28482-3XXXX QASHQAI SUNFDNJ10U1002000 BCM	

Figure 6

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

Ver.CSP20.30			State	S	
Back Home Print Screen Capture	Messurement Mode Recorded Help	13.7V VI	MI		
Re/programming, Era	Se All DTCs Print Result / Operation Complete			14/14	
Print Result / Operation Complete					
	cess to LAN or printer, Screen Capture function een Capture'', and save it. Screen capture dat				
	ep 31039-XXXXX				
Part number before Reprog/programming	4 31039-XXXXX				
Vehicle	*****				
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System	TRANSMISSION			Print	tep 15
Date	******				
	1	/1		Confirm	tep 16

Figure 7

17. Close C-III plus.

#### 18. Turn the ignition OFF.

19. Disconnect the plus VI from the vehicle.

#### **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 Module	(1)	JE99AA	ZE	32	(2) (3)

(1) Refer to the electronic parts catalog (FAST or equivalent) and use the Control Valve Assembly (31705- \*\*\*\*\*) 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.