SERVICE BULLETIN

Classification:	Reference:	Date:
AT16-015	NTB16-108	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.

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.

<div style="border:1px solid #000; padding:1em;">

CAUTION:

- Connect the GR8 to the 12V battery and set to ECM power supply mode. If the vehicle battery voltage goes below 12.0V or above 15.5V during reprogramming, the TCM may be damaged.

- Be sure to turn OFF all vehicle electrical loads. If a vehicle electrical load remains ON, the TCM 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 TCM may be damaged.

- 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 during reprogramming, reprogramming may be interrupted and the TCM may be damaged.

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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.

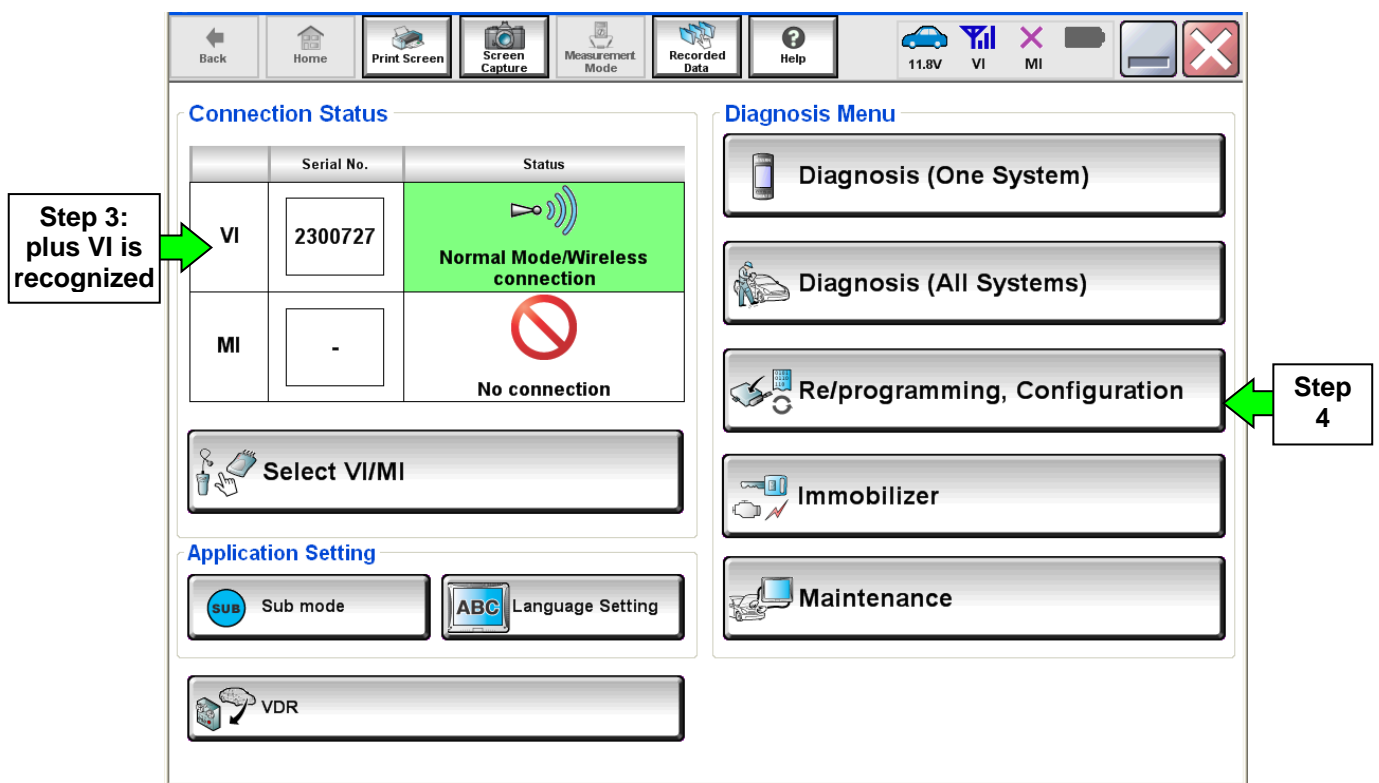4. Select **Re/programming, Configuration**.

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 underline current TCM Part Number (P/N).
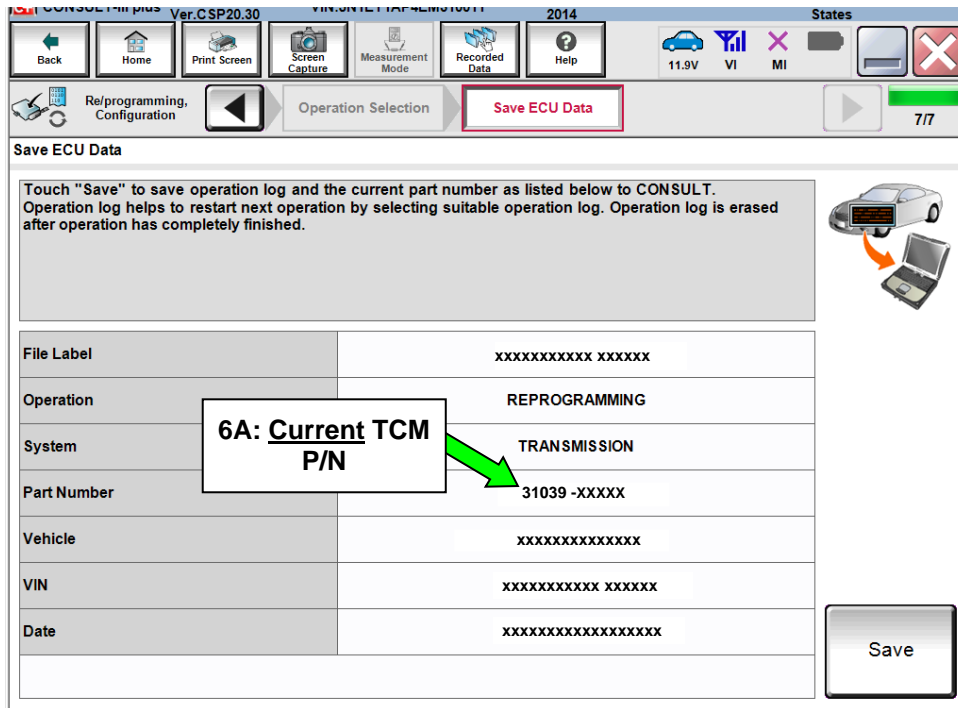

Figure 2

   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 match, continue with the reprogramming procedure.

      • If there is not a match, this bulletin does not apply. 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 **does not** 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.
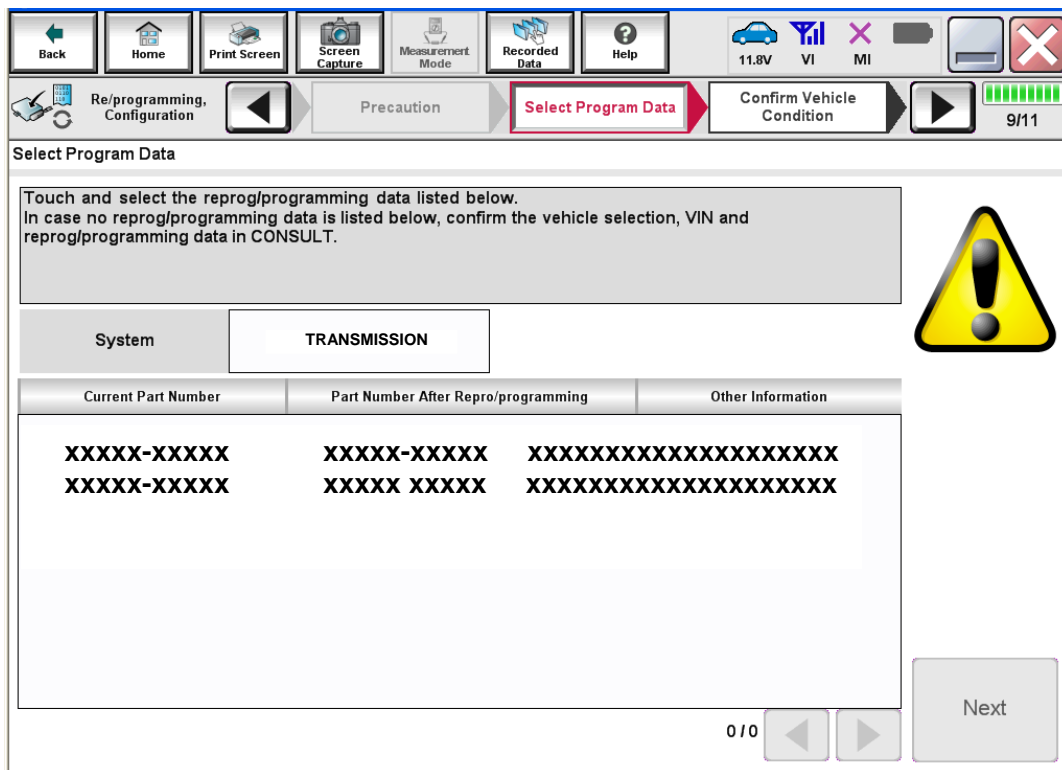

Figure 3

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.
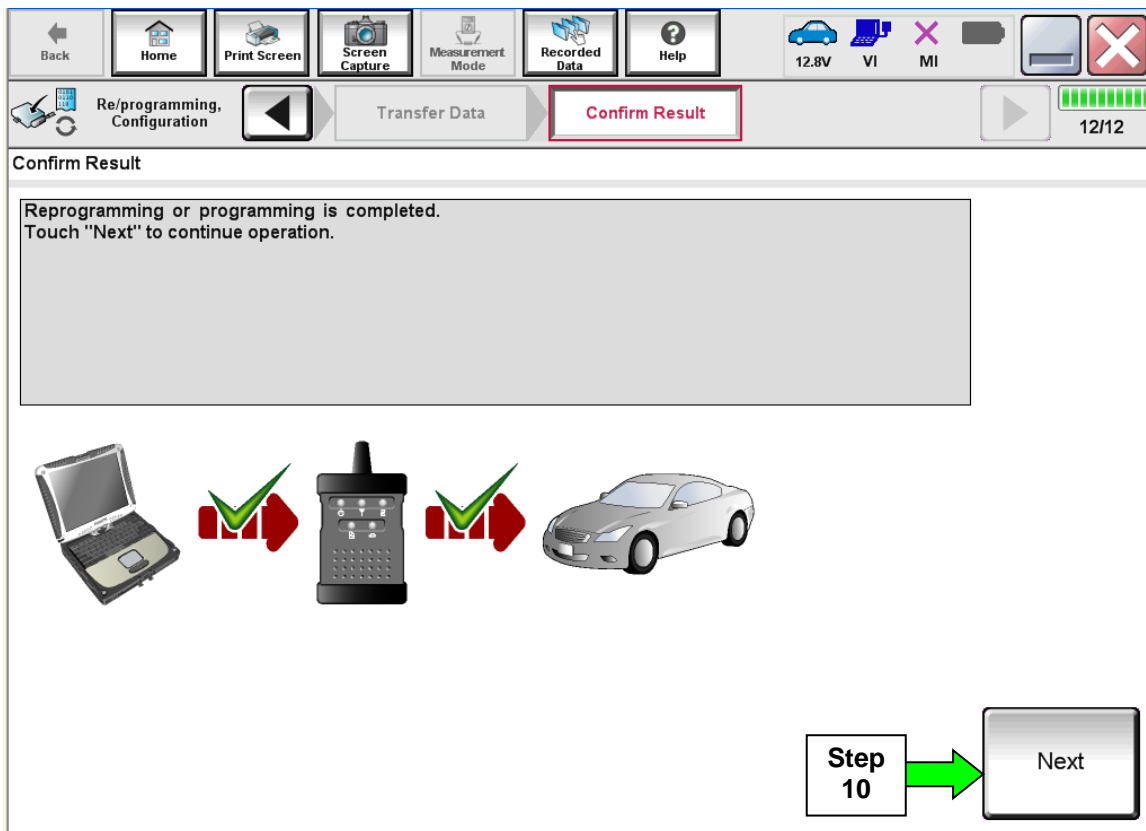
10. Select **Next**.

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 not 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® devices are OFF.

- All electrical loads are OFF.

- **Select retry and follow the on screen instructions.**

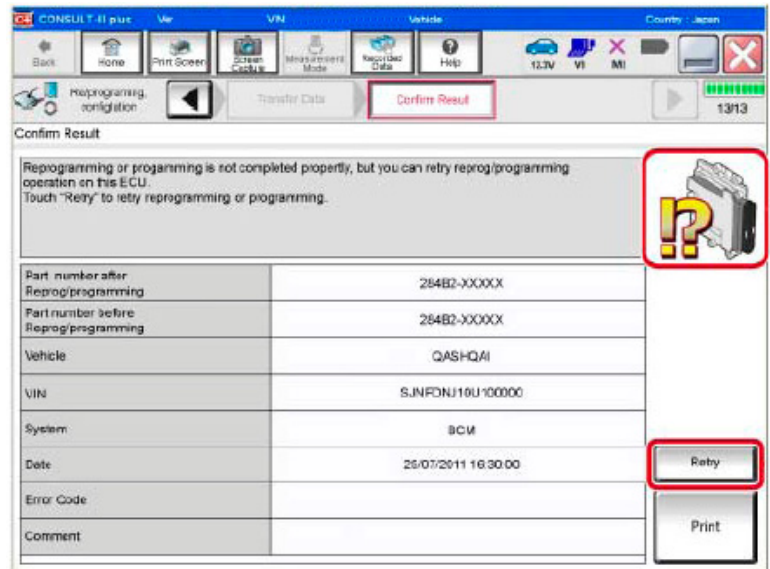- "Retry" may not go through on first attempt and can be selected more than once.

Figure 5

If reprogramming does not 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.

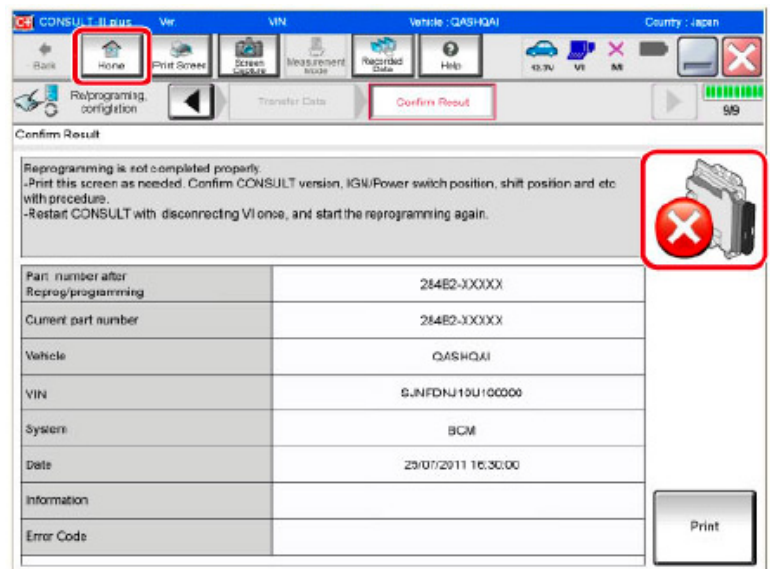- **Select Home, and restart the reprogram procedure from the beginning.**

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.
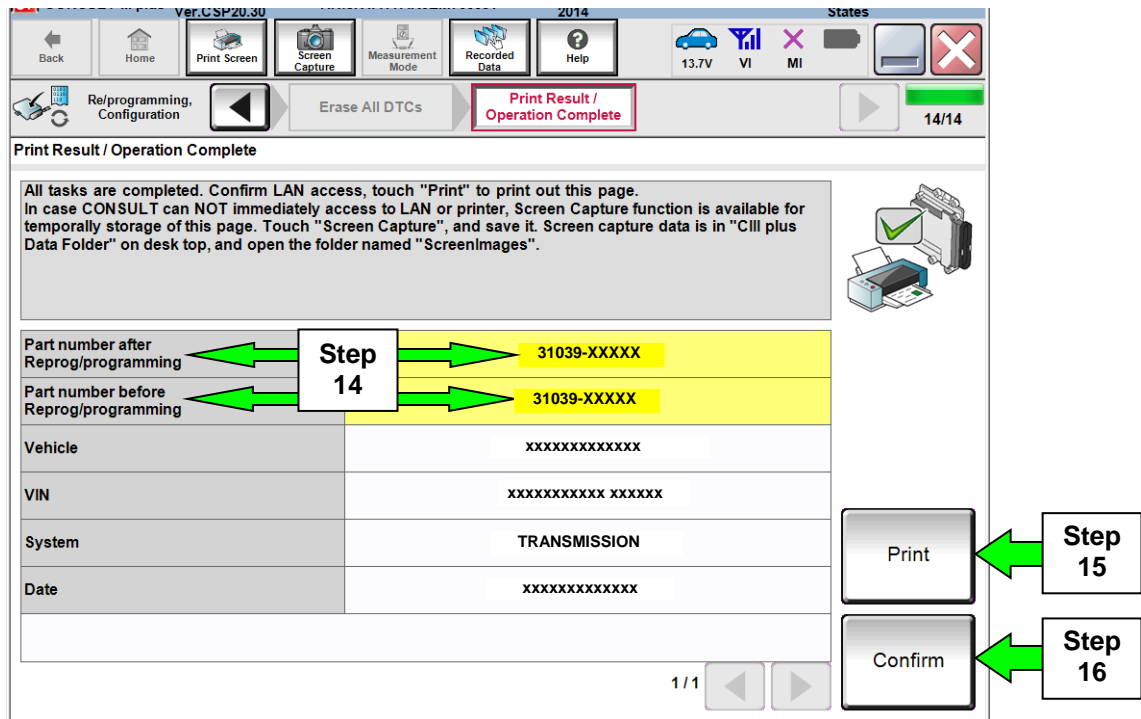
16. Select **Confirm**.

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.