

AT13-005

Classification:

Reference: NTB13-059

May 30, 2013

Date:

2013 ALTIMA SEDAN AND PATHFINDER MIL "ON" WITH DTC P062F

APPLIED VEHICLES: 2013 Altima Sedan (L33) 2013 Pathfinder (R52)

IF YOU CONFIRM:

The Malfunction Indicator Light (MIL) is "ON" with DTC P062F (Internal Control • Module EEPROM Error) stored in the Transmission Control Module (TCM).

and

No drivability symptoms are present.

ACTION:

- 1. Refer to step 6 in the SERVICE PROCEDURE to confirm this bulletin applies to the vehicle you are working on.
- 2. If this bulletin applies, reprogram the TCM.

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Reprogram Transmission Control Module	(1)	JE99AA	ZE	32	(2)

(1) Reference the electronic parts catalog (FAST) and use the Transmission Control Module assembly part number (31036 – XXXXX) as the Primary Part (PFP).

(2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated flat rate time.

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 gualified 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 a battery charger to the vehicle battery.
 If the vehicle battery voltage drops below <u>12.0V or rises 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[®] 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 during reprogramming, reprogramming may be interrupted and <u>the TCM may be damaged</u>.

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



5. Follow the on-screen instructions and navigate the 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).

CONSULT-III plus Ver VIN	Vehicle :	Country : U.S.A.			
Back Home Print Screen Capture	Messrement Mode	🗪 🏋 🗙 🖿 🔜 🔀			
Re/programming, Configuration	tion Selection Save ECU Data	7/7			
Save ECU Data					
Touch "Save" to save operation log and the current part number as listed below to CONSULT. Operation log helps to restart next operation by selecting suitable operation log. Operation log is erased after operation has completely finished.					
File Label	xxxxxxxxxxxxxxxxxxxxxxxx				
Operation	REPROGRAMMING				
6A: <u>Current</u> TC	TRANSMISSION				
Part Number	31036 -				
Vehicle	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				
VIN	******				
Date	11/1/201× 1:22:16 AM	Save			
		Gave			

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>, 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>. Close C-III plus and refer to ASIST for further diagnostic information.

Table A

Model	Model Year	Current TCM Part Number Before Reprogramming: 31036 - XXXXX
Altima Sedan (L33)	13MY	3NT0A, 3TA0A, 3TA4A, 3TA6A, 3TA4B
Pathfinder (R52)	13MY	3KA2A, 3KD2A, 3KA4A, 3KA4B, 3KD4A, 3KD4B

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.

IMPORTANT: If C-III plus locks up or freezes at this point or displays "cannot complete reprogramming, CONSULT PC is set up with User Rights. Reprogramming can be completed with Administrator log in", the TOUGHBOOK settings need to be changed so that Users have full access rights. See your Dealership's IT System Administrator for details.

CONSULT-III plus Ver.	VIN:	Vehicle :	Country : U.S.A.
Back Home Print	Screen Capture Mode	Recorded Help 11.8V	
Re/programming, Configuration	Precaution	Select Program Data	m Vehicle 9/11
Select Program Data			
Touch and select the repr In case no reprog/program reprog/programming data i	og/programming data listed b ming data is listed below, con n CONSULT.	elow. firm the vehicle selection, VIN and	
System	TRANSMISSION		
Current Part Number	Part Number After Rep	oro/programming Other Infor	mation
xxxxxxx-xxxxxxx	XXXXXXX-XXXXXXX	x00000000000000000000000000000000000000	xxxxxxxxx
XXXXXXX-XXXXXXX	XXXXXX-XXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXX
		0/0	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 the next page.

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



Figure 4

NOTE:

- In the next step (page 8), you will perform **Erase All DTCs**.
- DTC erase is required before C-III plus will provide the final reprogramming confirmation report.

TCM recovery:

Do not disconnect 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® devices are OFF.
- All electrical loads are OFF.
- Select <u>retry</u> and follow the on screen instructions.
- <u>"Retry" may not go through</u> on first attempt and can be selected more than once.

	VN	Vehide .		Country : Japan
Back Bane Print Screen	interest and a	Holp	12.3V VI MI	-
sonigition	Transfer Data	Corfirm Result		1313
Confirm Result				
Reprogramming or programming is not operation on this ECU. Touch "Reny" to retry reprogramming of	completed property, bi ir programming.	t you can retry reprogr	programming	R
Part number after Reproc/programming		1284EB-WXWX	•	
Part number sefure Reprog/programming		128488-38000		
Vehicle			•	
		A DESCRIPTION OF A DESC		
VIN		SJNFONJ10U100	0000	
VIN System		SJNFONJ10U100	000	
VIN System Date		SJNFDNJ10U100	000	Retry
VIN System Dete Error Gode		SJNFDNJ10U100	200	Petry

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 BUS Ver	MN.	Vehicle (CLASHQA)	County : Japan
Baile Hone Print Screer	Schen Heassenert	Recorded Help C.sv	💐 💥 🖿 🔜 🔀
State Revenue anning.	Treveter Data	Confirm Result	9/9
Confirm Result			
Reprogramming is not completed -Print this screen as needed. Con with precedure. -Restart CONSULT with disconre	property. firm CONSULT version, K internet Vionse, and start th	3N/Power switch position, shift position to reprogramming again.	nard etc
Part number after Reprog/programming		= 26482 #2000K =	
Current part number		26462 #C6008	
Vehicle		0/6HQ.0	
VIN		SUNFDNJ10U100000	
System			
Date		25/07/2011 16:30:00	
Information			
Error Code			Print

Figure 6

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

CONSULT-III plus Ver VIN:	Vehicle :	Country : U.S.A.		
Back Home Print Screen	Measurement Mode Recorded Data	× • • • •		
Re/programming, Configuration	se All DTCs Print Result / Operation Complete	18/18		
Print Result / Operation Complete				
All tasks are completed. Confirm LAN access, touch "Print" to print out this page. In case CONSULT can NOT immediately access to LAN or printer, Screen Capture function is available for temporally storage of this page. Touch "Screen Capture", and save it. Screen capture data is in "CIII plus Data Folder" on desk top, and open the folder named "ScreenImages".				
Part number after Reprog/programming St Part number before Reprog/programming	a 31036 3 31036			
Vehicle	******			
VIN	*****			
System	TRANSMISSION	Print		
Date	11/3/201× 2:10:21 AM			
1/1 Step 1/1 15 Confirm				

Figure 7

- 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 diagnostic information.
 - Diagnosis and repairs beyond TCM reprogramming are not covered by this bulletin.