

EL14-032

Reference: NTB14-067

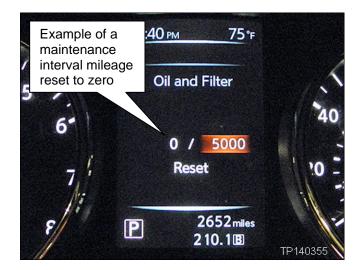
Date: July 15, 2014

2014 ROGUE; MAINTENANCE INTERVAL MILEAGE **RESETS TO ZERO WITH EACH IGNITION CYCLE**

APPLIED VEHICLES: 2014 Roque (T32) NOTE: Does not apply to Rogue Select (S35) APPLIED VIN / DATE: Built before 5N1ATZM(**)EC 806226 / March 18, 2014

IF YOU CONFIRM

The maintenance interval mileage in the Vehicle Information Display resets to zero with each ON > OFF > ON ignition cycle,



ACTION

Reprogram the Vehicle Information Display (METER/M&A) per the Service Procedure in this bulletin.

Part of the procedure, step 20 on page 8, is a confirmation that reprogramming is • needed.

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

IMPORTANT: Before starting, make sure:

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

NOTE: The CONSULT PC automatically gets applicable METER 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.
 - If there are any DTCs, diagnose, perform repairs, and erase DTCs **before** continuing.
- 1. Connect the plus VI to the vehicle.

CAUTION: Make sure the plus VI is securly connected. If the plus VI connection is loose during reprogramming, the process will be interrupted and the the control unit **may be damaged.**

2. Connect the AC Adapter to the CONSULT PC.

CAUTION: Be sure to connect the AC Adapter. If the CONSULT PC battery voltage drops during reprogramming, the process will be interrupted and the control unit **may be damaged**.

3. Connect the GR-8 set to "Power Supply" mode.

CAUTION: Be sure the battery charger is connected securely to the battery. Make sure the battery voltage stays between <u>12.0V and 15.5V</u> during reprogramming. If the battery voltage goes out of this range during reprogramming, the control unit **may be damaged**.

4. Turn OFF all external Bluetooth[®] devices (e.g., cell phones, printers, etc.) within range of the CONSULT PC and the VI.

CAUTION: Make sure to turn off all external Bluetooth[®] devices. If Bluetooth[®] signal waves are within range of the CONSULT PC and the VI during reprogramming, reprogramming may be interrupted and the control unit **may be damaged**.

- 5. Turn the ignition ON with the engine OFF.
 - The engine must not start or run during the reprogramming procedure.
- 6. Turn OFF all vehicle electrical loads such as exterior lights, interior lights, HVAC, blower, rear defogger, audio, NAVI, seat heater, steering wheel heater, etc.

IMPORTANT: Make sure to turn OFF all vehicle electrical loads. Make sure the battery voltage stays between <u>12.0V and 15.5V</u> during reprogramming. If the battery voltage goes out of this range during reprogramming, the control unit **may be damaged**.

- 7. Turn ON the CONSULT PC.
- 8. Select CONSULT-III plus (open C-III plus).

- 9. Wait for the plus VI to be recognized.
 - Serial number will display when the plus VI is recognized.

	💽 CONSUL	T-III plus Ver.V12	.12.00 VIN:-	Vehicle : -	Country : U.S.A.		
	H Back	Home Print S	Screen Capture	Recorded Help 11.8			
	Connect	tion Status –		Diagnosis Menu			
		Serial No.	Status	Diagnosis ((One System)		
plus VI is recognized		2300727	کرہ سے Normal Mode/Wireless connection	Diagnosis ((All Systems)		
	МІ	-	No connection		nming, Configuration		
	s and s	Select VI/MI		Immobilizer			
		on Setting	ABC Language Setting	Maintenanc	:e		
		DR					
1							

Figure 1

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

💽 CONS	ULT-III plus Ver.V12.	12.00 VIN:-	Vehicle : -	Country : U.S.A.	
Back	Home Print S	creen Capture Mode	Recorded Data		
Conne	ection Status –		Diagnosis Menu		
	Serial No.	Status	Diagnosis (Or	ne System)	
vi vi	2300727	∞»)))			
		Normal Mode/Wireless connection	Diagnosis (Al	l Systems)	
м	_	\otimes			
		No connection	Re/programm	ing, Configuration	Step 10
Q /4	5				
E E	Select VI/MI		Immobilizer		
Applica	ation Setting				
SUB	Sub mode	ABC Language Settin	Maintenance		
37	VDR				
Ľ			<u>ب</u>		

Figure 2

- 11. Use arrows (if needed) to view and read all precautions.
- 12. Check the box confirming the precautions have been read.
- 13. Select Next.

	Image: Back Image: Back	
	Re/programming, Configuration	
	Precaution	
	Operating suggestions for reprogramming, programming and C/U configration: Please review the all of precautions, and click the "Confirm" check box after confirming the its points. And touch "Next".	
	Caution: 1. Follow the operation guide displayed on screen. 2. "Back" and "Home" button may not be used on this flow.	
	-For reprogramming and programming 1. Install the latest version of the CONSULT-III plus sortware, reprogramming/programming data to this CONSULT-III plus PC. 2. Preparation and read the service manual or reprogramming procedure sheet.	
	-For ECU Configuration 1. Need to write the configuration data to new ECU, after replace it. 2. If writing the wrong configuration data, ECU can not work. Please write the right data.	
Step 12	-For ECU Configuration using manual mode 1. Confirm the vehicle's spec and its configuration spec, following the service manual. If writing the configuration data, ECU can not work. Please write the right data. 2. Operate the saving completely. Do not abort without saving data.	
	Confirmed instructions	Step 13

Figure 3

14. If the screen in Figure 4 displays, select Automatic Selection(VIN).

• If the screen in Figure 4 does not display, skip to step 15.

	Back Borne Home Configuratio	Print Screen Captu	n Measurement Re	Vehicle Selection	12.2V VI MI	
Step	Automatic S	election(VIN)	Manual Select	ion(Vehicle Name)		
	Vehicle Name :			,	Model Year :	Sales Channel
	*MURANO Camp:P8201	JUKE	QUEST			NISSAN
	350Z	LEAF	ROGUE			INFINITI
	370Z	MAXIMA	SENTRA			
	370Z Convertible		mplo			
	ALTIMA		nple			
	ALTIMA Hybrid	NISSAN GT-R	VERSA Hatchback			
	ARMADA	NV	VERSA Sedan			
	CUBE	PATHFINDER	XTERRA			CLEAR
	FRONTIER	PATHFINDER ARMADA	X-TRAIL			Select
					0/0	Select

Figure 4

15. Make sure **VIN or Chassis #** matches the vehicle's VIN.

16. If the correct VIN is displayed, select **Confirm**.

		Messarement Recorded Help 22.2 VI MI L2.2 VI MI Vehicle Confirmation Such "Confirm". In case you want to select another vehicle,	
Step 15 Verify here	VIN or Chassis #	J 🕅 A 🕮 4 🕮 1 🗶 M 💷 1 🕮 6 4	
	Vehicle Name :	1 77 11	
	Model Year	21	
		1/1]
		Step 16	Change
		Figure 5	

17. Select Confirm.

H Back	Home	Print Screen	Screen Capture	Measurement Mode	Recorded Data	Pelp	11.8V	Yil Vi	X MI	
\$ 0	Re/programmi Configuratio	ng, 🚺	Vehicle	e Confirmation	1	Input VIN	System	Select	ion	4/6
Input VIN										
Accordi		eration, in c	ase of spec	ified operation		uires to save l confirm VIN n				
	전 (ALBREN) NET 10 ABB (ALBREN) NET 10 ABB (ALBREN) NET 10 ALBREN) NET 10 ALBREN) NET 10 ALBREN)	AN MOTOR CO.LTD.JAPA 武 Tree HNZ51-1234565 2015/00/2014 2015/00/2014 正確 1/2014 正確 1/2014 正確 1/2014		X MOTOR IBERICA, S.A. VR51U0123456 rc kc O 1- kc 20.00,700- Novechapt	○ 近期 俊	新聞日 新聞業 室 初末 三月 日 平の長大市				
VIN (17 or 18 digit	s) J#*		P 1 C N 9	1001 4					
							Ste 1	-	^	onfirm

Figure 6

18. Select METER/M&A.

• 🔝 🐼 🛍	0) Yii 🗙 🖿 🦳 🕅
Back Home Print Screen Scree Captur Re/programming, Configuration	Input VIN System Selection	12.4V	ation Selection
ystem Selection			
Touch "system". n case ECU you want to operate is not li	sted below, the vehicle or model year m	iight be selec	sted wrong.
ENGINE	AIR PRESSURE MONITOR	Step 18	AIR BAG
MULTI AV	METER/M&A		HVAC
EPS/DAST 3	LASER/RADAR		AVM
ABS	ВСМ		CHASSIS CONTROL
IPDM E/R	CAN GATEWAY		TRANSMISSION
			1/1

Figure 7

19. Select Reprogramming.

	Image: Second						
Operation Selection							
	Touch "Operation". In case over write current ECU, touch "Reprogramming". In case replacement of ECU, select an operation in REPLACE ECU category.						
Step 19	REPROGRAMMING In case you want to reprogramming ECU, touch "Reprogramming". Reprogramming						
	Replacement OF ECU						
	Programming (Blank ECU) In case you want to replace ECU, you should operate followings. Before replace ECU, ECU data is saved to CONSULT. After replace ECU, CONSULT writes ECU data and programming data.						
	VEHICLE CONFIGURATION						
	Read / Write Configuration Manual Configuration In case you has already replaced ECU, touch "Manual Configuration".						

Figure 8

20. When you get to the screen shown in Figure 9, confirm this bulletin applies as follows.

A. Find the METER/M&A **Part Number** and write it on the repair order.

Back Re/programming, Configuration Opera	Measurement Mode tion Selection					
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	5 NUL AUT 20M 104 10 C 10 5 10 3 10 7					
Operation	REPROGRAMMING					
System	METER/M&A					
Part Number Ste						
Vehicle	T32ROGUE					
VIN	#5 1111/#1720/1114 EC#5@3@7					
Date	6/25/2014 3:33:08 PM	Save				

Figure 9

- B. Compare the P/N you wrote down to the **Current Meter Part Numbers** in **Table A** below.
 - If there is a <u>match</u>, the METER needs to be reprogrammed. Continue with the reprogramming procedure.
 - If there is <u>not a match</u>, reprogramming <u>does not apply</u>. Refer to ASIST for further diagnostic information.

Table A

CURRENT METER PART NUMBER: 24810-

4BA0A, 4BA0B

22. Select Save.

Back Rome Print Screen Capture	Measurement Model Data	-				
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						
Operation	REPROGRAMMING					
System	METER/M&A					
Part Number	24810- 48 / 4					
Vehicle	T32ROGUE					
VIN	\$111 77 111 111 111 111 111 111 111 111 1					
Date	6/25/2014 3:33:08 PM Step	Save				
	22					

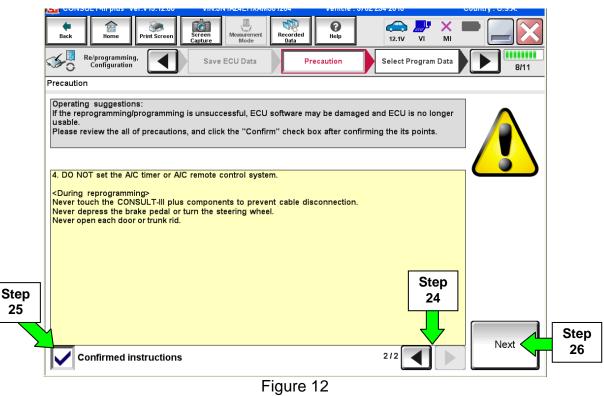
Figure 10

23. Select Next.

Back Image: Configuration	Mode Recorded Data Recorded Da	P P SI
Select Program Data		
vehicle.	nming data is NOT displayed, only one data is available for this ng is wrong, touch "Re-select", and confirm the vehicle	
Part Number After Repro/programming	24810 4BA0C	
Current Part Number	24810 48 A	
Vehicle	ROGUE T32	
VIN	5 ₩1₩ 12₩11₩E₩75₩3\$7	
System	METER/M&A	
Other Information	P32R_NAM_soft	Re-select
Expected time to finish re/programming	5min Step 23	Next
	23	

Figure 11

- 24. Use arrows (if needed) to view and read all precautions.
- 25. Check the box confirming the precautions have been read.
- 26. Select Next.



- 27. Read the **Current Part Number** and **Part Number After Reprogramming**. They should be different.
- 28. Select Next.

Back Re/programming, Configuration Select Program Data	Measurement Recorded	
vehicle.	nming data is NOT displayed, only one data is availab ng is wrong, touch "Re-select", and confirm the vehicl	
Part Number After Repro/programming Current Part Number	24810 48 ABC 24810 48 ABA ROGUE T32	Step 27 These numbers should be different
VIN System	MILTEM TER 750357	
Other Information	P32R_NAM_soft	Re-select
Expected time to finish re/programming		28 Next

Figure 13

- 29. Make sure **OK** is highlighted **green** (battery voltage must be between **12.0 and 15.5 Volts**).
- 30. Select Next.

IMPORTANT: Battery voltage must stay between **12.0 and 15.5 Volts** during reprogramming or METER reprogramming may be interrupted and control unit may be damaged.

Image: Back Image: Back <thimage: back<="" th=""> <thimage: back<="" th=""></thimage:></thimage:>	12.8V
Re/programming, Configuration Select Program Data Confirm Vehicle Condition	Tra r Data 10/11
Confirm Vehicle Condition	
Operate according to the following procedures.	Monitor battery voltage here
1	
Remove the terminal caps of battery, and connect battery charger to battery.	
2 Adjust the battery charger output so that the vehicle battery voltage is between 12.0V and	Ser Alt.
13.5V. Th e vehicle battery voltage is shown on the top-right of this screen	
Confirm the RESULT is OK, touch "Next".	
	Step
Result OK	30 Next
1	

Figure 15

NOTE: In the next step, the reprogramming process will begin when Start is selected.

31. Select Start.

_				\frown	
CONSULT-III plus Ver.41.31	VIN:5N1AT2	2MT4EC750367	Vehicle : ROC JE	T32 2014	Country : Canada
Back Binne Print Screen		arement Node	d P Help		
Re/programming, Configuration	Select Progra	ım Data	onfirm Vehicle Condition	n ansfe ra	10/11
Confirm Vehicle Condition					
Confirm the vehicle condition as Then, confirm that judgment for al out of range, reprogramming or pr	l items indicate	OK, and touch '	ndition correctly. 'Start''. In case the veh		onitor battery oltage here
Monitor Item	Value	Unit	Judgment	Condition	
BATTERY VOLTAGE	12.3	v	ок		
SPEED METER	0	km/h	ок		
				1/1	Step 31 Start
		Figure	. 10		

Figure 16

32. Wait for both progress bars to complete.

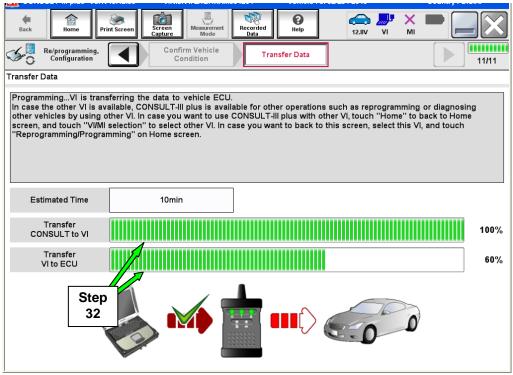


Figure 17

33. When the screen in Figure 19 displays, the reprogramming is complete.

NOTE: If the screen in Figure 19 does <u>not</u> display (reprogramming does <u>not</u> complete), refer to the information on the next page.

34. Disconnect the battery charger from the vehicle.

35. Select Next.

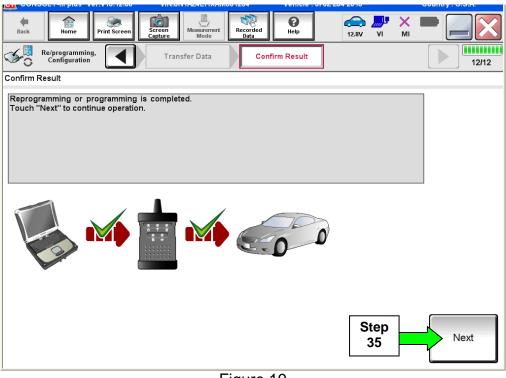


Figure 19

NOTE: DTC Erase must be performed before C-III plus will provide the final reprogramming confirmation report. Continue with the reprogramming procedure on page 15.

If reprogramming does <u>not</u> complete and the "!?" symbol displays as shown in Figure 20:

- Check battery voltage (12.0 15.5V).
- Ignition is ON, Ready Mode is OFF.
- External Bluetooth[®] devices are OFF.
- All electrical loads are OFF.
- Select <u>Retry</u> and follow the on screen instructions.

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

CONSULT-III plus Ver.V14.21.00 VIN:	Vehicle : LEAF ZE0 2011	Country : U.S.A.					
Back Rome Print Screen	Messarement Mode Recorded Data						
Configuration	Insfer Data	9/9					
Confirm Result							
Reprogramming or programming is not con operation on this ECU. Touch "Retry" to retry reprogramming or pr	pleted properly, but you can retry reprog/programming ogramming.						
Part number after Reprog/programming	283B0						
Current Part Number	283B0						
Vehicle	ZEOLEAF						
VIN	JN1AZ0CP _X BTxxxxx						
System	THE PARATICE						
Date	1/26/20 xx 4:34:55 PM	Retry					
Other Information	6.26=>6.27						
Error Code	RNDS_CAN_ALL_SC003-5=NR	Print					

Figure 20

If reprogramming does <u>not</u> complete and the "X" symbol displays as shown in Figure 21:

- Do not disconnect the plus VI or shut down C-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.
- Select <u>Home</u>, and then restart the reprogram procedure from the beginning.

CONSULT-III plus Ver.V14.21.00 VI	I:- Vehicle : -	Country : U.S.A.
Back Rome Print Screen Screen	Measurement Recorded Haln	× 💻 📃 🔀
Configuration	ransfer Data	2/2
Confirm Result		
Reprogramming or programming is not co reuse anymore. Touch "Home" to back to Home Screen, re	mpleted property. ECU has been broken, and impossible to place ECU with Service Manual.	
Part number after Reprog/programming	283B0	
Current Part Number	283B0	
Vehicle	ZEOLEAF	
VIN	JN1AZ0CPxBTxxxxxx	
System	TEXERROPOLEDOX	
Date	1/26/20XX 4:29:18 PM	
Other Information	6.26=>6.27	
Error Code		Print
L		

Figure 21

36. Erase all DTCs as follows:

- a. Turn the ignition OFF.
- b. Turn the Ignition ON.
- c. Wait for DTC erase to complete.

Back Home Pr	rint Screen	Measurement Mode	Recorded Data	P Help	13.6V VI Print Resu Operation Con	MI	17/18
Erase All DTCs							
According to the instruct	tion below, erase /	All DTCs.					
1 Turn ignition switch to	o the ON position, t	hen All DTCs are au	itomatically er	ased.			CON
Current status of switch	fignition	ON					
	Turn ig	nition ON	> OFF :	> ON			

Figure 22

37. Verify the before and after part numbers are different.

38. Print a copy of this screen (Figure 23) and attach it to the repair order.

39. Select Confirm.

Back Re/programming, Configuration	Measure Mod	ement Recorded de Data Print	Pelp Result / n Complete	12.4V	VI	MI	14/14
Print Result / Operation Complete							
All tasks are completed. Confirm LAN ac In case CONSULT can NOT immediately a temporally storage of this page. Touch "S Data Folder" on desk top, and open the fo	access to L Screen Cap	AN or printer, Scre ture'', and save it.	en Capture fun				
Part number after Reprog/programming	Step 37		24810-4 8 yee				
Part number before Reprog/programming	3/		24810-4 8/0 /				
Vehicle			T32 ROGUE				
VIN		n g n u i <i>A</i>		# •			
System			METER/M&A			tep 38	Print
Date		6/25	/2014 3:42:01 PI	vi			
				1/1		tep 39	Confirm

Figure 23

NOTE: If you cannot print the above screen:

- a. Select Screen Capture.
- b. Name the file.
- c. Save the file in My Documents.
- A copy of the screen is now saved in the CONSULT PC. It can be retrieved and printed at a later time.

40. Close C-III plus.

- 41. Turn the ignition OFF.
- 42. 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
Maintenance Mileage Reset	(1)	RX4QAA	HD	22	0 5 bro
(Reprogram METER/M&A)	(1)	KA4QAA	пυ	32	0.5 hrs.

 Use the Current Meter Part Number written on the repair order in step 20 of the Service Procedure as the PFP.