



SERVICE CAMPAIGN BULLETIN

NTB13-098

November 21, 2013

VOLUNTARY SERVICE CAMPAIGN 2013 LEAF PDM SOFTWARE UPDATE

 CAMPAIGN ID #:
 P3259

 APPLIED VEHICLES:
 2013 LE AF[®] (ZE0)

Check Service COMM to confirm campaign eligibility.

INTRODUCTION

Nissan is conducting a voluntary service campaign on certain Model Year 2013 LEAF vehicles to reprogram the Power Delivery Module (PDM). This service will be performed at no charge for parts or labor.

IDENTIFICATION NUMBER

Nissan has assigned identification number P3259 to this campaign. This number must appear on all communications and documentation of any nature dealing with this campaign.

DEALER RESPONSIBILITY

Dealers are to correct each vehicle falling within the range of this campaign that enters the service department. This includes vehicles purchased from private parties or presented by transient (tourist) owners and vehicles in a dealer's inventory.

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.

REPAIR OVERVIEW



SERVICE PROCEDURE

NOTE: Follow all cautions, warnings, and notes in the Electronic Service Manual (ESM) when working on or near a High Voltage (HV) System or Supplemental Restraint System (SRS), such as an airbag.

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.

1. Connect the plus VI to the vehicle, and then to the CONSULT PC with the USB cable.

CAUTION: Make sure the plus VI is securly connected. If the plus VI connections are loose during reprogramming, the process will be interrupted and the **Module 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 **Module May be damaged**.

3. Connect the GR8 (Multitasking Battery Diagnostic Station) to the vehicles 12V battery.

• Set the GR8 to ECM power supply mode.

CAUTION: <u>Do not charge the High Voltage (HV) Lithium Ion battery during</u> reprogramming or vehicle component damage may occur.

NOTE: Battery voltage must stay between 12 volts and 13.5 volts or reprogramming may not start or be temporarily stopped. Returning battery voltage within the 12-13.5 volt range will resume the reprogramming procedure.

CAUTION: Be sure the GR8 is connected securely to the 12V battery. Make sure the battery voltage stays between <u>12.0V and 13.5V</u> during reprogramming. If the battery voltage goes out of this range during reprogramming, the **Module 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 **Module may be damaged**.

- 5. Depress the vehicle's power ("ignition") switch twice <u>without</u> depressing the brake pedal.
 - The meter and gauges will illuminate.

CAUTION: Do <u>Not</u> set the vehicle in "READY to drive" mode or vehicle component damage may occur.

 Make sure the ready to drive indicator light is OFF (not illuminated).



- 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.
 - Check to see if the timer for "charging" or "climate control" is on. If on, turn it off and make sure to turn it back on after reprogramming.

NOTE: For charging timer on vehicles with navigation – write down which days are OFF, Timer 1 or Timer 2.

IMPORTANT: Make sure to turn OFF all vehicle electrical loads. Make sure the battery voltage stays between <u>12.0V and 13.5V</u> during reprogramming. If the battery voltage goes out of this range during reprogramming, the **Module may be damaged**.

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

NOTE: Make sure all applications other than C-III plus are closed.

- 9. Wait for the plus VI to be recognized.
- 10. Select Re/programming, Configuration.

	CONSULT-III plus Ver.V14.11.00	VIN:- Vehicle	:- Country: U.S.A.	
	Back Home Print Screen Sci	reen Measurement Recorded Help		<u> </u>
	Connection Status	Diagnosis	; Menu	
	Serial No.	Status Dia	agnosis (One System)	
9. Plus VI is recognized	VI 2300182	nal Mode/USB	agnosis (All Systems)	
	MI -		<u> </u>	
	No		/programming, Configuration	Step 10
	Select VI/MI	im in	mobilizer	
	Application Setting Sub mode	Language Setting	aintenance	
	VDR			
	1			

Figure 1

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



Figure 2

14. Select LEAF and 2013, or Automatic Selection (VIN).

- If Automatic Selection (VIN) is selected, wait for the Reading VIN screen to complete.
- If the screen in Figure 3 does not display, skip to step 16.

15. Select Select.



16. Verify the VIN in **VIN or Chassis #** matches the vehicle being reprogrammed.

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

	CONSULT-III plus Ver.V14.11.00 VIN: Back Rome Print Screen Screen Refprogramming, Vehic	Vehicle : -	Country : U.S.A.
	Please confirm selected information and to touch "Change".	uch "Confirm". In case you want to select anot	ther vehicle,
	VIN or Chassis #	********	
nere	Vehicle Name :	LEAF	
	Model Year	201x	
		1/1	Change
		If OK, se Confi	elect Confirm

Figure 4

17. Wait for system call to complete, then select **Confirm** again.

CONSULT-III plus Ver.V1	4.11.00 VIN:	Vehicle : LEA		Country : U.S.A.
Back Borne	Screen Capture Mode	Recorded Help	← / × ×	
Configuration	Vehicle Confirmation	Input VIN	System Selection	4/6
Input VIN				
Enter the VIN number, and According to this operation CONSULT, VIN number yo	d touch "Confirm". n, in case of specified operation u input is saved as file name. Ti courture touch the saved as file name. Ti saved as file na	that requires to save ECU in herefore, confirm VIN number	formation into correctly.	
VIN (17 or 18 digits)	1N4AZ0CP*DC 4xx	xxx		
			Step 17	Confirm
		:		

Figure 5

18. Select CHARGER / PD MODULE.

CONSULT-III plus Ver.V14.11.00 VIN	: Vehicle : LEA	Country : U.S.A.		
Back Imme Print Screen Capture	Measurement Mode	🧀 🎩 🗙 🖿 🔜 🔀		
Configuration	Input VIN System Selection	Operation Selection 5/6		
System Selection				
Touch "system". In case ECU you want to operate is not listed below, the vehicle or model year might be selected wrong.				
MULTI AV	EV/HEV	TRANSMISSION		
ABS	AIR BAG			
IPDM E/R	HV BATTERY			
METER/M&A	CHARGER/PD MODULE	18		
ВСМ	HVAC			
		1/1		

Figure 6

19. Select Reprogramming.

	CONSULT-III plus Ver.V14.11.00 VIN: Vehicle : LEA Country : U.S.A.
	Image: Back Print Screen Image: Scre
	Configuration Selection Operation Selection 6/6
	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)
	Programming 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 7

20. When you get to the screen shown in Figure 8, confirm this bulletin applies as follows.

A. Find the CHARGER/PD MODULE Part Number and write it on the repair order.

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

CONSULT-III plus Ver.V14.11.00 V We have a series of the	N Vehicle : LEA Messarement Tration Selection the current part number as listed below to CONSULT. Ion by selecting suitable operation log. Operation log is erased	Country : U.S.A
File Label	xxxxxxxxxxxxxxx	
Operation 20A.	REPROGRAMMING	
System Current P/N	CHARGER/PD MODULE	
Part Number	292C0-xxxxx	
Vehicle	ZEOLEAF	
VIN	1N4AZ0CP*DC xxxxxx	
Date	xxxxxxxxx If OK, select Save	Save
1	Figure 8	

- B. Compare the P/N you wrote down to the numbers in the **Current CHARGER/PD MODULE Part Number** column in **Table A** below.
- If the CHARGER / PD MODULE part number **is** one of the part numbers listed in the Table A, continue with reprogramming.
 - > Select **Save**, and then go to the next step.
- If the CHARGER / PD MODULE part number **is not** listed in Table A, <u>this campaign does</u> <u>not apply or it has already been done</u>.
 - > Disconnect the GR8 and CONSUTLT PC.
 - > Check Service COMM to confirm this campaign applies.

Та	bl	е	Α
	~	•	•

MODEL YEAR	CURRENT CHARGER/PD MODULE PART NUMBER: 292C0-
2013 LEAF [®] (ZE0)	3NF0A, 3NF1A, 3NF2A, 3NF3A, 3NF4A, 3NF5A, 3NF6A, 3NF7A, 3NF8A, 3NF9A, 3NF2B, 3NF3B, 3NF0C, 3NF1C, 3NF2C, 3NF3C

21. Select Next.

CONSULT-III plus Ver.V14.11.00 VIN	Vehicle : LEA		Country : U.S.A.
Back Rome Print Screen Capture	Measurement Mode	← ₩ ×	🔀
Configuration	tion Selection Save ECU Data		717
Save ECU Data			
Touch "Save" to save operation log and th Operation log helps to restart next operatio after operation has completely finished.	e current part number as listed below to C(n by selecting suitable operation log. Opera	DNSULT. tion log is erased	
File Label	1N4AZ0CPxxx xxxxxx]
Operation	REPROGRAMMING		1
System	CHARGER/PD MODULE		
Part Number	292C0 -xxxxx		
Vehicle	ZEOLEAF		
VIN	1N4AZ0CP*DC xxxx	xx	
Date	tkidi29.12.1x.98.xXX EM	Step	Next
		21	۲ <u> </u>
	F : 0		

Figure 9

22. Use arrows (if needed) to view and read all precautions, then check the box confirming the precautions have been read.

23. Select Next.

CONSULT-III plus Ver.V14.11.00	VIN:	Vehicle : LEA		Country : U.S.A.
Back Borne Print Screen	Screen Capture	Recorded Help	11.6V VI MI	
Configuration	Save ECU Data	Precaution	Select Program Data	8/11
Precaution				
Operating suggestions: If the reprogramming/programming usable. Please review the all of precautions	is unsuccessful, ECU s , and click the "Confirm	oftware may be damaged a n" check box after confirmir	nd ECU is no longer ig the its points.	
Precautions Sefore starting reprogramming>				
-Work preparation 1. Install the latest version of the r	eprogramming data to	this CONSULT-III plus PC.		
2. Turn off any wireless devices su	ich as mobile phones,	cordless phones, transceiv	ers, etc.	
-PC preparation 1. Close all other software except	CONSULT-III plus and I	DO NOT activate any other :	software.	
2. Check that the screen saver is tu "Properties". Select the Screen Sav	rned OFF. To do this, ri er tab then select "(Nor	ght-click on the PC Desktop ne)" from the Screen Saver	, and select oull-down menu, and	Step
click "OK". 3. Operate the PC using the A/C ac	laptor to keep the batte	ry charged.		23
4. DO NOT disconnect the VI diagr	Stop	uring report/programming.		
-Vehicle preparation 1. Adjust the battery charger	3iep	s of the 12V battery is in	the range of 12.0V to	
2. Turn OFF all al ompone	EV ZZ rep-	any component s	witches.	
3. DO NO Contraction sw depression of brake pedal to set	itch/Power switch. For power switch ON". (Re	EV/HEV, puse witch eady lamp in the m	does not illuminate	Novt
Confirmed instructions		7		Next
	Fi	gure 10		

NOTE:

- In some cases, more than one new P/N for reprogramming is available.
 - If more than one P/N is available, the screen in Figure 11 will display. 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.

CONSULT-III plus Ver.V	14.21.00 VIN:	Vehicl	e : LEAF ZEO 2011	Country : U.S.A.
Back Biome Prin	nt Screen Capture Mode	Recorded Data	12.3V VI M	x 💻 🔜 🔀
Configuration	Precaution	Select 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.				
Jystem				
Current Part Number	Part Number After Rep	ro/programming	Other Information	
XXXXX-XXXXX	XXXXX-XXX		****	xx
			010	Next
	F	igure 11		

24. Read the **Current Part Number** and **Part Number After Reprogramming**. They should be different.

25. Select Next.

💽 CONSULT-III plus Ver.V14.11.00 VIN	Vehicle : LE		Country : U.S.A.		
Back Rome Print Screen Capture	Messarerrert Mode	🧀 🚚 🗙 🛛 11.0V VI MI	🔀		
Re/programming, Configuration	recaution Select Program Data	Confirm Vehicle Condition	9/11		
Select Program Data					
Confirm the detail listed below, and touch "Next" if OK. -In case the screen to select reprog/programming data is NOT displayed, only one data is available for this vehicle. -In case the part number after reprogramming is wrong, touch "Re-select", and confirm the vehicle selection, VIN and reprog/programming data in CONSULT.					
Part Number After Repro/programming	292A0	>			
Current Part Number	292C0				
Vehicle	ZE0 LEAF				
VIN 1N4AZ0CP*DC xxxxxx					
System	CHARGER/PD MODUL	.E			
Other Information	ZE0 with ASCD V	см	Re-select		
Expected time to finish re/programming	10min	Step	Next		
		25 7			

Figure 12

26. Confirm battery voltage is correct, and then select Next.

NOTE: Battery voltage must stay within specified range to make the indicator turn green.

CH C	ONSULT-III plus Ver.V14.11.00	VIN:	Vehicle : LEA		Country : U.S.A.	
Ba	k Home Print Screen	Screen Capture	Recorded Data	(12.6V VI MI		
S.	Re/programming, Configuration	Precaution	Select Program Data	Co Vehicle ition	10/11	
Confi	rm Vehicle Condition					
Ope	rate according to the followin	g procedures.		Monito batt	or 12V ery e here	
	Remove the terminal caps of ba	attery, and connect batter	y charger to battery.			
2	Adjust the battery charger outp 13.5V. The vehicle battery volta	ut so that the vehicle batt ge is shown on the top-ri	ery voltage is between 12.0V and ght of this sc <u>reen</u>			
			OK mi	ust be		
3			green	before 🧧		
	Confirm the RESULT is OK, tou	ıch "Next".	selectir	ig Next	~	
	Result	ок			Next	
	Figure 13					

- 27. With battery voltage in the green, select Start.
 - The reprogramming process begins when **Start** has been selected.

NOTE: For reprogramming to continue, vehicle 12V battery voltage must stay within 12 volts and 13.5 volts. Make sure the voltage level is sufficient.

CE CONSULT-III plus Ver.25.21 Ver.CSP18.11	VIN:JI		Vehicle : LEA		Country : U.S.A.
Back Rome Print Screen	Screen Capture	Recorde Data	d C Help	← ↓ ↓ × 12.7V Ⅱ MI	
Configuration	Select Progra	im Data	Condition	T er Data	10/11
Confirm Vehicle Condition Confirm the vehicle condition as listed below, set the vehicle condition correctly. Then, confirm that judgment for all items indicate OK, and touch "Start". In case the vehicle c battery voltage here					
Monitor Item	Value	Unt	Judgment	Condition	
BATTERY VOLTAGE	12.8	v	ок		
Q/CHG CONNECT DETECT	DISCNCT		ок		
				Step 27	Start

Figure 14

28. Wait for both bar graphs to complete.

Image:	CONSULT-III plus	Ver.V14.11.00	VIN:			Vehicle : LEA			Country	: U.S.A.
Reignegramming. Confirm Vehicle Condition Transfer Data Transfer Data ProgrammingVI is transferring the data to vehicle ECU. In case the other VI is available, CONSULT-III plus is available for other operations such as reprogramming or diagnosing other vehicles by using other VI. In case you want to use CONSULT-III plus with other VI, touch "Home" to back to Home screen, and touch "VIMI selection" to select other VI. In case you want to back to this screen, select this VI, and touch "Reprogramming/Programming" on Home screen. Estimated Time 10min Transfer VI to ECU Vi to ECU Image: Confirm Vehicle Confirm Vehicle ECU. If the confirm Vehicle by using other VI. In case you want to back to this screen, select this VI, and touch "Reprogramming/Programming" on Home screen. Image: Confirm Vehicle Confirm Vehicle ECU. Image: Confirm Vehicle ECU. Image: Confirm Vehicle ECU. Image: Confirm Vehicle EC	Back Home	Print Screen	Screen Capture	Measurement Mode	Recorded Data	() Help	12.9V	VI	х 🖿 (
Transfer Data ProgrammingVI is transferring the data to vehicle ECU. In case the other VI is available, CONSULT-III plus is available for other operations such as reprogramming or diagnosing other vehicles by using other VI. In case you want to use CONSULT-III plus with other VI, touch "Home" to back to Home screen, and touch "VIIMI selection" to select other VI. In case you want to back to this screen, select this VI, and touch "Reprogramming/Programming" on Home screen. Estimated Time 10min Transfer 10min Transfer 100% Vi to ECU Image: Construction of the const	Re/programmi Configuratio	ng,	Confirm	Vehicle dition	Tran	sfer Data				11/11
ProgrammingVI is transferring the data to vehicle ECU. In case the other VI is available, CONSULT-III plus is available for other operations such as reprogramming or diagnosing other vehicles by using other V.In case you want to use CONSULT-III plus with other VI, touch "Home" to back to Home screen, and touch "VIMI selection" to select other VI. In case you want to back to this screen, select this VI, and touch "Reprogramming/Programming" on Home screen. Estimated Time 10min Transfer 10min Vi to ECU In case you want to back to this screen, select this VI, and touch "Reprogramming/Programming" on Home screen.	Transfer Data									
Estimated Time 10min Transfer CONSULT to VI Transfer VI to ECU 40%	ProgrammingVI is in case the other VI other vehicles by us screen, and touch " "Reprogramming/Pr	transferring th is available, C(ing other VI. In VI/MI selection ogramming" of	ne data to ve ONSULT-III p n case you w " to select ot n Home scree	ehicle ECU. Ius is availa ant to use C cher VI. In ca en.	able for othe CONSULT-II ase you war	er operations su I plus with other It to back to this	ch as rep VI, touch screen,	orogram "Home select tř	ming or diagn " to back to H his VI, and tou	osing ome ch
Transfer 100% Transfer 40% Vito ECU 40%	Estimated Time		10min							
40%	Transfer CONSULT to VI									100%
	Transfer VI to ECU									40%

Figure 15

29. When the screen in Figure 16 displays, reprogramming is complete.

- a. Select **Next**, and then wait for System Call to complete.
- b. Proceed to step 30 on page 16.

CONSULT-III plus Ver.V14.11.00	VIN:	Vehicle : LEA		Country : U.S.A.
Back Borne Print Screen	Screen Capture	orded Ita	승 🔑	× 🗭 📃 🔀
Configuration	Transfer Data	Confirm Result		12/12
Confirm Result				
Touch "Next" to continue operation.	e completed.	00		
			Step 29a	Next
1				

Figure 16

NOTE: If the reprogram will not complete, refer to the next page for "recovery" information.

CHARGER / PD MODULE (On-Board Charger) recovery

NOTE: If reprogramming does <u>not</u> complete and the **!?** displays as shown in Figure 17:

- Check battery voltage (12.0 13.5V).
- 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.
- <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.V14.21.00 VIN:	Vehicle : LEAF Z	Country : U.S.A.		
Back Borne Print Screen Capture	Messrement Mode Data			
Configuration	insfer 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	292A0			
Current Part Number	292A0			
Vehicle	ZEOLEAF			
VIN	*****			
System	CHARGER/PD MODULE			
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		
L				

Figure 17

OR: If reprogramming does <u>not</u> complete and the **X** displays as shown in Figure 18:

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

- Check battery voltage (12.0 13.5V).
- CONSULT A/C adapter is plugged in.
- Ignition is ON, Ready Mode 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 V	N:- Vehicle : -	Country : U.S.A.			
Back Rome Print Screen	Measurement Mode	🚓 🚚 🗙 🖿 🔜 🔀			
Configuration	ransfer Data Confirm Result	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	292A0				
Current Part Number	292A0				
Vehicle	ZEOLEAF				
VIN	xxxxxxxxxxx				
System	CHARGER/PD MODULE				
Date	1/26/20XX 4:29:18 PM				
Other Information	6.26=>6.27				
Error Code		Print			

Figure 18

30. Erase all DTCs as follows:

- a. Turn the "ignition" off by depressing the power switch once.
 - The screen in Figure 19 will read **OFF** after pressing the power switch <u>once</u>.

CONSULT-III plus Ver.V14.11.00	VIN: Vehi	cle : LEA	Country : U.S.A.
Back Home Print Screen	reen ture Mode Recorded Data	12.6V VI MI	-
Configuration	Confirm Result Erase All DT	Cs Print Result / Operation Complete	13/14
Erase All DTCs			
According to the instruction below, erat	se All DTCs.		
1			
Turn ignition switch OFF position		ON ON	OFF
Current status of ignition switch		FF	
	Figure 10		
	Figure 19		

- b. Wait 1 minute with the ignition OFF.
- c. Turn the "ignition" on by depressing the power switch twice (not Ready mode).
 - Do not step on the brake pedal when depressing the power switch.
 - The screen in Figure 20 will read **ON** after pressing the power switch twice.

NOTE: Do not be confused by any screen messages. At this point, simply turn the "ignition" on.

CONSULT-III plus Ver.V14.11.00	VIN:	Vehicle : LEA		Country : U.S.A.
Back Borne Print Screen	Screen Capture	scorded Data	← / / × × × × × × × × × × × × × × × × ×	-
Configuration	Confirm Result	Erase All DTCs	Print Result / Operation Complete	13/14
Erase All DTCs				
According to the instruction below, e	position.			
Current status of ignition switch	OFF DN	OFF to ON	ON	OFF

Figure 20

d. Wait for the **ERASE** function to complete.

💽 CONSULT-III plus Ver.V14.11.00 VIN:JN 💷 000173 Vehicle : LE#	Country : U.S.A.
Image: Back Image: Back	🚓 🚚 🗙 🖿 🔜 🔀
Configuration Confirm Result Erase All DTCs	Print Result / Operation Complete 13/14
Erase All DTCs	
According to the instruction FRASE Current status of ign switch Cancel	
Figure 21	

- 31 Verify the before and after part numbers are different.
- 32. Print a copy of this screen (Figure 22) and attach it to the repair order.
- 33. Select **Confirm**.

CONSULT-III plus Ver.V14.11.00 VI	l: Vehicle :	LEA	Country : U.S.A.
Back Back Print Screen	Messarement Mode Recorded Data	12.9V VI MI	
Configuration	ase All DTCs Print Result / Operation Complete	•	14/14
Print Result / Operation Complete			
Li tasks are completed. Confirm LAN ac- action care CONSUL - user Nor immediately a temporally storage of this page. Touch "S Data Folder" on desk top, and open the fo	ess, touch "Print" to print out this pa ccess to LAN or printer, Screen Captur creen Capture", and save it. Screen ca der named "Screenimages".	ge. re function is available for pture data is in "Cill plus	
Part number after Reprog/programming Ste			
Part number before 31	292C0- XXXXX		
Vehicle	ZEO LEAF	F	
VIN	1N4AZ0CP*DC	xxxxxx	
System	CHARGER/PD MODI	Step	Print
Date	1M 1 12(1) 12 13	32	
	· · · · · · · · · · · · · · · · · · ·	Sten N	

Figure 22

34. Select Home.

CONSULT-III plus Ver.V14.11.00	VIN:	Vehicle : LEAF ZE0 201	1	Country : U.S.A.	Г	
Back Home Print Screen	Screen Capture	Recorded Help 12.5V	VI MI	-		Step 35
Configuration	Erase All DTCs	Print Result / Operation Complete		14/14	L	
Print Result / Operation Complete						
All tasks are completed, In case CONSULT can Ne temporally storage of this Data Folder" on desk top.	hation "Complete Operation": backing Home once. In necessary document, t	Screen is no longer shown after cese "Complete Operation" Scre ouch "Cancel" to back previous s	en is is icreen.			
Part number after Reprog/programming						
Part number before Reprog/programming	Ð	â				
Vehicle	(JSS)					
VIN	Home	Cancel				
System				Print		
Date		1/11/2012 2:04:13 PM				
1	Step 34	1/1	<	Confirm		
	Γ				1	

Figure 23

- 35. Close C-III plus by selecting "X" (see Figure 23).
 - <u>Do not</u> turn off the CONSULT PC.
- 36. Turn the ignition off.
- 37. Disconnect the GR8 from the 12V battery.
- 38. Place the vehicle in "READY to drive" mode as follows:
 - a. Apply the parking brake.
 - b. Depress the brake pedal.
 - c. Depress the power switch once.
 - d. Make sure the "Ready" light is ON..

Ready to drive indicator light (make sure it is **ON**)



Figure 24

39. Open C-III plus.

40. Once the plus VI is recognized, select Diagnosis (All Systems).

Plus VI recognized	CONSULT-III plus Ver.V14.11.00 VIN- Back Print Screen Capture Moder United Streen Vin Screen Vin Screen Vin Screen Vin Vin Vin Vin Vin Vin Vin Vin Vin Vi	Vehicle :- Country : U.S.A Image Image Image Image <t< th=""></t<>
	Select VI/MI Application Setting Sub mode ABC Language Setting VDR Figure	Maintenance

- 41. Select LEAF and 2013, or Automatic Selection (VIN).
 - If Automatic Selection (VIN) is selected, wait for the Reading VIN screen to complete.
 - If the screen in Figure 26 does not display, skip to step 43.
- 42. Select **Select** or **Detect Vehicle**, whichever displays.



Figure 26

- 43. Verify the VIN in **VIN or Chassis #** matches that of the vehicle.
 - If the VIN is correct, select **Confirm**.

	CONSULT-III plus Ver.V14.11.00 VIN:	- Vehicle : -	Country : U.S.A.
	Back Bone Print Screen Capture	Measurement Bata	K 💻 🔜 🔀
	Configuration	Vehicle Confirmation	
	Please confirm selected information and to touch "Change".	uch "Confirm". In case you want to select another vehicle,	
Verify	VIN or Chassis #	****	
nere	Vehicle Name :	LEAF	_
	Model Year	201x	
		1/1	
			Change
		If OK, select Confirm	Confirm
	1	Figure 27	

44. Wait for System Call to complete.

CONSULT-III plus Ver.	25.21 VIN:JN1AZUGF 51 CSP18.11 VIN:JN1AZUGF 51	Vehicle	LEAF ZE0 2011	Country : U.S.A.
Back Home Pi	Yint Screen Capture Mode	Recorded Help	() / X 12.7V VI MI	-
Diagnosis (All Systems)	Select Vehicle	ïrm Vehicle		
Please confirm selected touch "Change".	information and touch "Confi System Call	rm". In case vou want to	select another vehicle,	
	System call performing Please wait			_
VIN or Chassis #	-			_
Model Year	_			_
			94%	
		Cancel		
e e				Change
				Confirm

Figure 28

- 45. If DTCs are present, select **ERASE**.
 - If no DTCs are present, skip to step 48.

🐹 OOHSULT-II plus V	er.16.17.10	VIN.JN1	Vehicle : LEAF 259 291	1 Country: U.S.A.
<u>.</u>	Print for some		e 🔒	: 🕊 🗶 🖿 🥅 🔀
Chagaoala (M Spatemai	Densit	Contracts	Diagnosis (All Systems)	
ALOTE .	CAN Diag		RTAPOTO	
Fereil		Detailed Information		
EVMEN	PART	EVHEV		
		P3184 COMMUNICATION ERITOR	1 PP	D DTC
TELEMATICS	INST			L ore 1
		U1000 CAN COMIN CIRCUIT	1 77	D Explan
A00	abox.	TELEMATICS		
METERIMAA	NO DITC	UTAOS USB COMM	PAGT FF	D DTC Esplan
BCN	NO 000			Print
AIR BAG	10.010			For Customer
				Print
EHSIPKB	HO DITC			Save
Sten				
1/3	≤►		4	

46. Select ERASE.

CONSULT-III plus Ver.V14.21.00	VIN:	Vehicle : LEAF ZE0 2011		Country : U.S.A.
Back Rome Print Screen	Screen Capture	P 13.5V		🔀
Diagnosis (All Systems)	ct Vehicle	Diagnosis (All Systems)	HVAC	
Self Diagnostic Result		V _,	ion	
	Erase Self-Diag memory and Free	ze Frame Data?	on	
B2631 SUNLOAD SENSOR			on	
B2790 HEATER PUMP COM			on	
	Erase	Cancel		
				Print
	Step			Save
	40	1/1		ERASE

Figure 30

47. Select Close.

CONSULT-III plus	/er.V14.21.00 VIN:		Vehicle : LEAF ZE0 2011	(Country : U.S.A.
Back Borne	Print Screen Capture	Measurement Mode	С Неір 13.4V	VI MI	
Diagnosis (All Systems)	Select Vehicle	Confirm Vehicle	Diagnosis (All Systems)	HVAC	
Self Diagnostic Result	Information	- V	V	ion	
B2631 SUNLOAD SENS	SOR	was completed. Touch "C Self Diagnostic result is (lose" button, then make seleted.	on	
		Close]		Print
		Step 47			Save
			J 1/1		ERASE
		Figure 3	31		

48. Using the arrow keys, select page **3/3**, and then select **HVAC**.



49. Select ERASE.

CONSULT-III plus Ver.V14.21.00 VIN:	Ve	hicle : LEAF ZE0 2011	Country : U.S.A.
tack Ibone Print Screen Capture Mode	Recorded H	elp 13.5V VI	× = _ X
Diagnosis (All Select Vehicle Confirm	n Vehicle	ngnosis (All Systems)	•
Self Diagnostic Result	pport Act	ive Test FCU	cation
B2631 SUNLOAD SENSOR	CRNT	FFD DTI Explan	ation
B2790 HEATER PUMP COMM H/P->HVAC	PAST	FFD DTO Explan	ation
U1000 CAN COMM CIRCUIT	PAST	FFD DTO Explan	c ation
			Print
		Ston	Save
		49	erase
F	igure 33		

50. Select ERASE.



Figure 34

51. Select Close.

CONSULT-III plus Ver.V14.21.0	00 VIN:	Vehicle : LEAF ZE0 2011	Country : U.S.A.
Back Home Print Scree	n Sereen Measurement Recorded Data	Image: Weight of the second	' 🕺 🖿 📃 🔀
Diagnosis (All Systems)	Select Vehicle	Diagnosis (All Systems)	AC
Self Diagnostic Result	nation		ion
B2631 SUNLOAD SENSOR	Erasing was completed. Touch " sure that Self Diagnostic result is Close Step 51	Close" button, then make deleted.	on Print Save ERASE
	Figure	35	

NOTE: If DTC B2631 (SUNLOAD SENSOR) sets again, this is okay.



52. Select Back.

	G CONSULT-III plus Ver.V14.21.00 VIN:	Vehicle : LEAF ZE0 2011	Country : U.S.A.
Step 52	Back Rime Print Screen Capture Mode	Recorded Data	K 💻 🥅 🔀
	Diagnosis (All Systems) Select Vehicle Confi	rm Vehicle Diagnosis (All Systems) HVAC	
	Self Diagnostic E Data Monitor	upport Active Test	n
	B2631 SUNLOAD SENSOR	CRNT FFD DTC Explanatio	n
			Brint
		1/1	
			ERASE
	F	-igure 37	

53. Using the arrow keys, go to page **3/3**, and then select **MULTI AV**.



54. Select ERASE.



55. Select Erase.



56. Select Close.

01.01	CONSULT-III plus Ver.05.17.00	VIN:JN1AZ0CF	Vehicle : LEAF ZE0 2011	Country : U.S.A.
Step 57a	Bome Print Screen	Sereen Capture	Image: Weight Heip Image: Weight Heip Image: Weight Heip Image: Weight Heip	× • • • •
	Diagnosis (All Systems)	t Vehicle	Diagnosis (All Systems)	
	All DTC	CANIDIAG	-	
	Result	Erasing was completed. Touch " sure that Self Diagnostic result is	Close'' button, then make deleted.	
	EV/HEV			rc]
	TELEMATICS			
	ABS			lan
	METER/M&A			r C Jan
	всм	Close		Print
			_	for Customer
	EHS/PKB NO DTC	Stop	7	
		56 Step		Save
	1/3	J	1/1	ERASE
		Figu	re 41	

- 57. Once all DTCs have been erased:
 - a. Select Home, and then on the next screen select Yes (screen not shown).
 - b. Close C-III plus, turn off the CONSULT PC, and then disconnect the CONSULT PC and plus VI from the vehicle.
 - c. Turn "ignition" off (depress power switch once).
- 58. Verify the repair is complete:
 - a. Place the vehicle in the "READY to drive" mode (press power switch while stepping on the brake pedal).
 - b. Verify no error messages are displayed in the meter and gauges or center multi-function control panel.
 - c. If the timer for either charging or climate control were "on" prior to reprogramming, turn them back on.

CLAIMS INFORMATION

Submit a Campaign (CM) line claim using the following claims coding:

CAMPAIGN (CM) I.D. #	DESCRIPTION	OP CODE	FRT
P3259	PDM REPROGRAMMING	P32590	0.4

OWNER'S LETTER

Dear Nissan LEAF Owner:

Nissan is committed to providing the highest levels of product quality and customer satisfaction. We believe that our current and future success depends on your continued satisfaction with Nissan. With that in mind, we want to bring to your attention important information regarding a voluntary service campaign for your Nissan LEAF.

REASON FOR SERVICE CAMPAIGN

The Power Delivery Module (PDM) software logic of your vehicle may detect an error when subjected to high internal temperatures when no error is in fact present. As a result, vehicle charging may not occur. To correct this, the vehicle PDM software will need to be reprogrammed.

This voluntary service campaign is intended to address this issue and is being conducted for customer satisfaction purposes. No safety issue exists, and the vehicle still meets and/or exceeds applicable safety standards.

WHAT NISSAN WILL DO

To assure your continued satisfaction and confidence in your vehicle, your EV Certified Nissan dealer will reprogram the PDM with updated software at **no charge to you for parts or labor**. The service should take less than an hour to complete, but your Nissan dealer may require your vehicle for a longer period of time based upon their work schedule.

WHAT YOU SHOULD DO

Nissan encourages you to contact your EV Certified Nissan dealer at your earliest convenience in order to arrange an appointment.

To ensure the least inconvenience for you, it is important that you have an appointment before bringing your vehicle to the Nissan dealer for service. Please bring this notice with you when you keep your service appointment. Instructions have been sent to your EV Certified Nissan dealer.

If the dealer is unable to complete the service free of charge, or for any other reason you may contact the Nissan LEAF Call Center, Nissan North America, Inc., P.O. Box 685003, Franklin, TN 37068-5003. The toll free number is 1-877-N0-GAS-EV-(1-877-664-2738).

Thank you for providing us an opportunity to ensure on-going satisfaction with your Nissan LEAF. We are sorry for any inconvenience this may have caused you.