

NISSAN NORTH AMERICA, INC

SERVICE BULLETIN

Technical Bulletin

Classification:

BR12-003a

Reference:

0.1

Date:

October 25, 2012

Copyright @

2011-2012 LEAF; BRAKE PEDAL SENSITIVE AT SPEEDS BELOW 15 MPH

NTB12-086a

This bulletin has been amended. The Title, Applied Vehicles, Applied VIN and Date, and If You Confirm sections have been revised. Please discard all previous versions.

APPLIED VEHICLES:2011-2012 LEAF (ZE0)APPLIED VIN AND DATE :Built before JN1AZ0CP(*)CT 023494 // June 6, 2012

IF YOU CONFIRM

• Customer may experience some brake sensitivity at speeds below 15 mph. The customer may experience this issue while in stop-and-go traffic conditions.

And

- No DTCs are present in the Electrically-driven Intelligent Brake Control Unit.
 - If DTCs are present, refer to the specific section of the applicable Electronic Service Manual (ESM) and diagnose first.

ACTION

- 1. Refer to step 14 in the **SERVICE PROCEDURE** to confirm this bulletin applies to the vehicle you are working on.
- 2. If this bulletin applies, reprogram the Electrically-driven Intelligent Brake Control Unit with CONSULT III plus (CIII plus).

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 <u>entire</u> **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.

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Reprogram E-Act	(1)	PX65AA	ZE	32	0.5

⁽¹⁾ Refer to the electronic parts catalog (FAST) and use the appropriate ABS actuator assembly part number (46007-****) as the Primary Part (PFP).

SERVICE PROCEDURE

Reprogram Electrically-driven Intelligent Brake Control Unit

- 1. Before continuing, it is IMPORTANT to make sure:
 - ASIST on the CONSULT PC has been freshly synchronized (updated).
 - All CONSULT related software updates (if any) have been installed.

NOTE: The CONSULT PC automatically gets all reprogramming software during ASIST synchronization.

CAUTION:

- Turn off all cell phones and external Bluetooth devices within range of C-III plus.
- Do not touch C-III plus during reprogramming.
- Do not disconnect the AC adaptor during reprogramming.
- Do not disconnect the "plus" VI's diagnostic cables during reprogramming.
- Do not touch the power ("ignition") switch during reprogramming.
- Do not touch any electrical switch during reprogramming.
- 2. Have the **GR8 Multitasking Battery Diagnostic Station** (battery tester/charger) available and ready to use.
 - For proper setup, go to Page 20, GR8 Multitasking Battery Diagnostic Station.
 - <u>Do not connect</u> the battery tester/charger at this time. The battery tester/charger will be set up later in this bulletin.

CAUTION: Do not charge the High Voltage (HV) Lithium Ion battery during reprogramming.

NOTE:

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

- 3. Once all ASIST and CONSULT related updates have been verified/performed, attach the CONSULT PC to vehicle.
 - Connect the plus VI to the vehicle.
 - Connect the CONSULT PC to the plus VI with the USB cable.
 - Connect the AC adapter to the CONSULT PC.
- 4. Turn on the CONSULT PC, and then open C-III plus.
- 5. Depress the vehicle's power ("ignition") switch twice <u>without</u> depressing the brake pedal.
 - The meter and gauges will illuminate.

CAUTION: Do Not set the vehicle in "READY to drive" mode.

NOTE: Make sure <u>all</u> accessories are turned off.

6. After the plus VI is recognized, select **Reprogramming Configuration (Write)**.

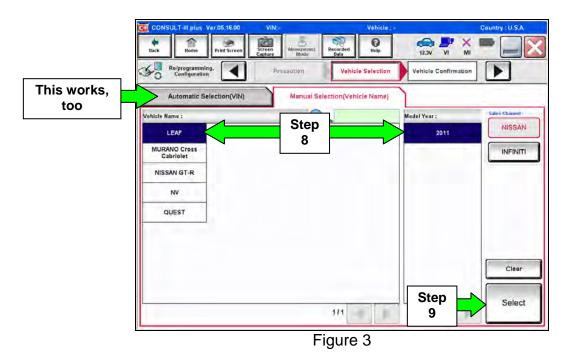
NOTE: Make sure all applications other than C-III plus are closed.

	G Consult	III plus Ver V0	1.00.65 VIN:-	Vehicle ; -	Country ; Japan
	e Back	Reme Print	Sereen Sereen Mossaern Mode	en Recorded Relp	🗢 🗙 🗙 🗩 🥅 🏹
	Conne	ction Status		Diagnostic M	enu
	_	Serial No.	Status	Diagn	osis (One System)
plus VI is recognized	VI	9200057	Normal/Wired conner		osis (All Systems)
	м	•	Step		
			No 6	Confi	ogramming guration (Write)
		Select VI/M	I.	the second s	bilizer straion, initialization, ng)
		Sub mode	Language Se	tting Maint	enance
	97	VDR			
	™ 78−+	6.4 3	Process Euclo. 🤷 2 Windows Ev.	Figure 1	リ 由● 商設は * € こうどう 回 1942

7. Select Next.

CONSULT-It plus Ver.V14 11.00	VINCE	Vehicle : -	Country 10.5A
Back Norw Fire Scison	Sereen Mode	Contended Neep	😂 🍠 🗶 🖿 📃 🔀
Configuration		Precaution	Vehicle Selection
recaution			
Operating suggestions for reprog Please review the all of precaution touch "Next". Caution: 1. Follow the operation guide disp 2. "Back" and "Home" button ma	s, and click the "Confirm" layed on screen, y not be used on this flow	check box after confirming I	the its points. And
-For reprogramming and program 1. Install the latest version of the C CONSULT-III plus PC. 2. Preparation and read the service -For ECU Configuration 1. Need to write the configuration 2. If writing the wrong configuration	CONSULT-II plus sortware e manual or reprogrammi data to new ECU, after rej	ing procedure sheet place it.	SIGNS -
For ECU Configuration using ma 1. Confirm the vehicle's spec and i configuration data, ECU can not v 2. Operate the saving completebul	ts configuration Ste	p the service manual if	writing the wrong
Confirmed Instructions			Next
	Fiç	gure 2	

- 8. Select LEAF and 2011/2012 or Automatic Selection (VIN).
 - If Automatic Selection (VIN) is selected, wait for the Reading VIN screen to complete (picture not shown).
- 9. Select Select.



NTB12-086a

10. Verify the VIN in **VIN or Chassis #** matches that of the vehicle's.

• If the correct VIN exists, select **Confirm**.

	CONSULT-III plus Ver.V14.11.00 VIN	Vehicle : -	Country : U.S.A.
	Back Biome Print Screen Capture	Messerement Recorded Date	
	Configuration Veh	Icle Selection Vehicle Confirmation	
	Please confirm selected information and t touch "Change".	ouch "Confirm". In case you want to select another ve	shicle,
Verify here	VIN or Chassis #	JN1AZ0CP xxT	
	Vehicle Name :	LEAF	
	Model Year	201x	
		If OK, select Confirm	Change
		Figure 4	
		i iyuite 4	

11. On the next screen, select **Confirm**.

CONSULT-III	plus Ver.V14.11.00	VIN:	Vel	Icle : LEAF ZEO 2011	Country : U.S.A.
	ome Print Screen	Screen Capture	Recorded He		P 💥 🖛 🛄 🔯
Config	ramming, juration	Vehicle Confirmatio	input VI	System Sel	lection
Input VIN					
According to th CONSULT, VIN	Lange of the sector of the sec	e of specified operat s saved as file name	ion that requires to : . Therefore, confirm () () () () () () () () () ()	rave ECU information in VIN number correctly.	lto
VIN (17 or 18	digits) JN1/	ZOCP XX T X	XXXXXXX		1
					_
				Step	Confirm
				11	

Figure 5

12. Select BRAKE.

• Wait for system call to complete.

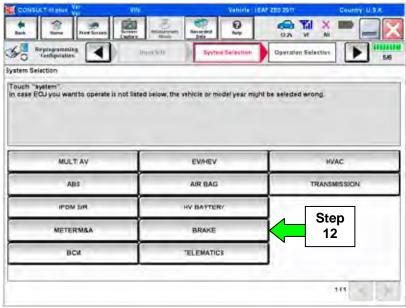


Figure 6

13. Select Reprogramming.

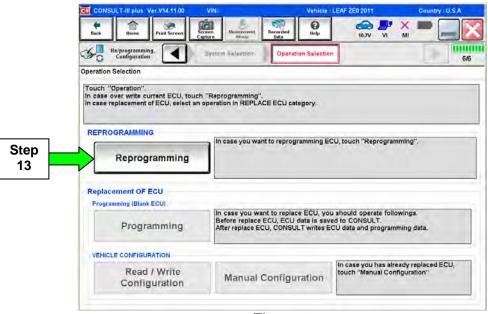


Figure 7

14. Write down the **Part Number** on the vehicle's repair order (see Figure 8).

- If the **BRAKE** part number is 46007-3NA0A, continue with reprogramming.
 - Select **Save**, and then go to Step 15.
- If the **BRAKE** part number is <u>not</u> 46007-3NA0A, this <u>bulletin does not apply</u> or it has already been done. Close C-III plus (select **Home**, and then the "X") and the CONSULT PC, disconnect from the vehicle.

	CONSULT-IL plus Ver	9W		Vehicle : LIGAT 200 2011	Cauntry : U.S.A.
	And And And And And		at Another		× • • • •
	Configuration	Section Salars	Savè	ECU Date	717
	Save ECU Data		If BRA	KE P/N is	
	Touch "Save" to save operation Operation log helps to reatart ne after operation has completely flu	ixt operation by se	select H	7-3NA0A, ome , and elect " X "	**
	File Label		JNU	AZOCP9BT XXXXXX	
	Operation		RE	PROGRAMMING	
	System			BRAKE	
Verify here	Part Number			45007-3NAOA	
	Vehicle			ZEOLEAF	
	VIN		301	AZOCP9BT XXXXXXX	
	Data		8/27		Save
				Save	
			Liguro	0	

Figure 8

15. Select Next.

CONSULT III plus Ver	Vite Van	Icle - LICAT 200 2011	Cauntry : U.S.A.
A Barr Barr			× = _ X
So Reiprogramming.	Operative Selector	us -	7/7
ave ECU Data			
Nest".	f ECU need to be saved, not al) have b		
File Label	_IN1A20CF	98T XXXXXXX T88	
10 10 10 10 10 10 10 10 10 10 10 10 10 1		RAMMING	_
Operation	REPROG		_
Operation Bystem	REPROG	RAMMING	
Operation System Part Number	REPROG BR 46007	RAMMING AKE	
Operation System Part Australian Vehicle	REPROG BR 46007 200	RAMMING AKE SNADA	
Operation Bystem Part Number Vehicle	REPROG BR 46007 200	RAMMING AKE JNAGA LEAF	Next

Figure 9

16. Read the precautions on page 1, and then select page 2 (page 2 not shown) with arrow. After reading page 2, select **Confirmed instructions**, and then select **Next**.

CONSULT-III plus Ver.V14.11.00 VIN:	Vehicle : LEAF ZE0 2011	Country : U.S.A.
Back Rome Print Screen Screen Measurement Mode Record	ded Relp 11.6V VI	× = _ X
Save ECU Data	Precaution Select Program	Data
Precaution		
Operating suggestions: If the reprogramming/programming is unsuccessful, ECU softwa usable. Please review the all of precautions, and click the "Confirm" che		
Precautions		
1. Install the latest version of the reprogramming data to this Cl 2. Turn off any wireless devices such as mobile phones, cordia PC preparation 1. Close all other software except CONSULT-III plus and DO NO 2. Check that the screen saver is turned OFF. To do this, right-cl "Properties". Select the Screen Saver tab then select "(None)" fr click "OK". 3. Operate the PC using the AIC adaptor to keep the battery chr 4. DO NOT disconnect the VI diagnosis data link, cable during r Vehicle preparation 1. Adjust the battery charger output 13.5V, For EV, DO NOT charger output 3.5V, For EV, DO NOT charger output 5.5V, For EV,	ess phones, transceivers, etc. IT activate any other software, ick on the PC Desktop, and select om the Screen Saver pull-down menu arged. report/programming. Inte 12V battery is in the range of 12. sectors and switches.	.ov to
Figur	re 10	

NOTE: In some cases, more than one new P/N for reprogramming is available.

- > In this case, 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 may mean that there is no reprogramming available for this vehicle, this <u>bulletin does not apply</u> or it has already been done.

CONSULT-III plus Ver.V14.21.0	0 VIN:	Vehicle : LEAF ZE0 2011	Country : U.S.A.
tlack flome Print Screen	Screen Capture Mode Ba	rded Hete	× 🗖 📃 🔀
Configuration	Rescution	Confirm Vehicl	°)) 9/11
Select Program Data			
Touch and select the reprogipy in case no reprogiprogramming reprogiprogramming data in CO System	data is listed below, confirm the	vehicle selection, VIN and	
Current Part Number	Part Number Alter Repro/progr	amming Other Information	
XXXXX-XXXXX XXXXX-XXXXX	XXXXX-XXXXX XXXXX-XXXXX	***************************************	
		010	Next

Figure 11

17. Verify "Current" and "After Reprogramming" part numbers are listed, then select Next.

CONSULT It elus Ver Vity	Vehicle LEAF 200 2011	Country U.S.A
Por later		
Configuration	Senart Program Data) > s/11
elect Program Data		
vehicle.	ning data is NOT displayed, only one data is available for this is wrong, touch "Re-select", and confirm the vehicle	
Part Number After Reproiprogramming	46007-3NA1A	
Current Part Number	46007-3NA0A	
Vehicle	ZEO LEAF	
VIN .	JN1A20CP9BT XCCCCX	
System	BRAKE	
Other Information	ZED ¢-ACT	Readers
Expected time to finish reprogramming	Verify P/Ns above, then	Next
	select Next	
	Figure 12	

18. If this screen appears, select Other Operation.

elprogramming and con tom CONSULT to vehicle (right side) If the datail Diperation".	An and south "Co	sofirm". In cas	ARI Save	
elprogramming and con from CONSULT to vehicle (oright side) if the detail Operation.".	Selecton Aguration. In ECU, touch and sele I is OK, and touch "Co	sofirm". In cas	Save e you	5
rom CONSULT to vehicl [right side] If the datain Operation".	ECU, touch and sele is OK, and touch "Co of the touch "Co	sofirm". In cas	Sava a you	
rom CONSULT to vehicl [right side] If the datain Operation".	ECU, touch and sele is OK, and touch "Co of the touch "Co	sofirm". In cas	Save e you	
	PERPA		_	
	REPRO	GRAMMING	_	
System	в	RAKE	_	
art Number	4600	7-3NA1A	-	
/ahicle	1	LEAF	1	Deleta
VIN	JN1AZ	Sten		Other
iaved Date	8/27/201	18		Operation
			Date:	Confirm
	fart Number fehicle	fart Number 4500 fahitie 19	rehicle LEAF	Vart Number 46007-3NA1A Vahicle LEAF

Figure 13

- 19. Open the hood, and then set up the GR8 Multitasking Battery Diagnostic Station (battery tester/charger) for the 12V battery.
 - For battery charger/tester setup, refer to Page 20, **GR8 Multitasking Battery Diagnostic Station Setup**.

CAUTION: Battery voltage must stay between 12 volts and 15.5 volts.

CAUTION: Do not charge the High Voltage (HV) Lithium Ion battery during reprogramming.



Figure 14

20. Confirm that battery voltage is correct, and then select Next.

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

Back Home Print Screen Screen Measurement Mode Decorded Mode Home	Monitor 12V battery voltage here	
Configuration Configu	Monitor 12V battery voltage here	· · · ·
Operate according to the following procedures. 1 2 Adjust the battery charger output so that the vehicle battery voltage is betwer 13.5V. The vehicle battery voltage is shown on the top-right of this screen.	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 betwee 13.5V. The vehicle battery voltage is shown on the top-right of this screen	battery voltage here	
Remove the terminal caps of battery, and connect battery charger to battery. Adjust the battery charger output so that the vehicle battery voltage is betwe 13.5V. The vehicle battery voltage is shown on the top-right of this screen.		
Adjust the battery charger output so that the vehicle battery voltage is betwe 13.5V. The vehicle battery voltage is shown on the top-right of this screen.		
Adjust the battery charger output so that the vehicle battery voltage is betwe 13.6V. The vehicle battery voltage is shown on the top-right of this screen.		
Adjust the battery charger output so that the vehicle battery voltage is betwe 13.5V. The vehicle battery voltage is shown on the top-right of this screen.		
"(een 12.0V and	
3	Must be	
3	Green" before	
	selecting Next	
Result	selecting Next	
Figure 45	selecting Next	Vext

Figure 15

21. On the next screen, select Start.

• The reprogramming process begins when **Start** has been selected.

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

Control Velicie Condition Section Velicie Condition S		VH-		Vehicle : LEAT TH	(MARK)	Country : U.S.A.
Contraction Monitor 12 battery which condition correctly. nem. confirm the vehicle condition as listed below, set the vehicle condition correctly. Monitor 12 battery voltage her	Rate Prot Second		and a state			
Another the vehicle condition as listed below, set the vehicle condition correctly. In confirm the judgment for all items indicate OK, and fouch "Start" in case the vehicle condition is tof range, reprogramming or programming may stop. Montor 12 battery voltage her Montor 12 battery voltage her Montor 12 battery voltage her BATTERY VOLTAGE 12.9 V CN	Repregramming Configuration	Balan Boops	er Dina		Transfer	10/11
BATTERY VOLTAGE 12.9 V DW	anfirm the vehicle condition at	ali items indicate (OK, and touch "		de sondition la	Monitor 12 battery voltage here
	Marka berr	, vee	99.	John T	Gentler	
	BATTERY VOLTAGE	12.9	W.	DH .	1	
Step Start						

Figure 16

22. Wait for both bar graphs to complete.

vth	Ventine 12.049 200 2011	Caumy: U.S.A
		X 🗖 🔤 🗙
Carry Hilling	Transfes Date	1101
ection" to melect other VI. In c ing" on Home screen. Smin	ase you want to back to this screen, sele	t this VL and touch
		100%
		10%
	And the server.	And

Figure 17

23. When the screen in Figure 18 appears, reprogramming is complete.

- a. Select Next.
- b. Wait for System Call to complete.

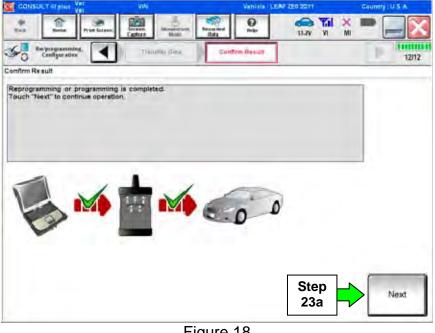


Figure 18

24. Erase all DTCs:

- a. Turn "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-IT plus Var	404	Vahiele: SEA	720 2011	Gaumiy (U.S.A.
A Laine Reser	Lucen Hinter	Reserved and and a	NI VI MI	-
So Configuration	Centra Rimatr	Brake MIGTCI	Print Result / Operation Complete	13/14
Erase All DTCs				
t Turn the signifien switch to the O	17 pesilian.		0), (2)
Current status of ignition switch	ON	ON OF		0FF

Figure 19

- b. Turn "ignition" on by depressing the power switch twice.
 - 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-ITalue Vat	VIN	Vehicle : LCA	200 2014	Country : U.S.A.
And		0		K 🖛 🛄 🔀
Rafprigramming.	Carriers Palace	Erese AllOTC)	Print Result / Operation Comple	13/14
Erase Al DTCs				
According to the instruction below, eras	en pres			
1 Turn ignition switch to the ON position	, then All DTC's are autom	dically erased	(A	1.0
			C	
Current status of ignition			F	F ON
switch	OFF			
	Γ:	ro 20		

Figure 20

c. Wait for the bar graph in the **ERASE** window to complete 100%.

	VN s Screen Catron Control	Recorder Det	AF 2010 2014 12.NV VI M Print Result /	
Reprogramming Configuration Erate All DTCs According to the instruction	Seame Cell	Erese An DICs	Operation Complet	13/14
1 Twm ignition switch to	Uve			
Step 24c		Cancel	94%	
				1

Figure 21

- 25. Verify the part number has changed.
 - a. Print a copy by selecting **Print**.
 NOTE: Before and after part numbers on your print-out may be switched compared to your CONSULT PC screen. This is ok.
 - b. Attach the copy to the repair order.
 - c. Once a copy has been printed, select **Confirm**.

CONSULT-II plus Ver	914	Vehicle - 1 KAP	200 2011	Cauntry - U.S.A.
R S Mar Sou		O It		X = _ X
Catigoration	Bun Arates	Print Result / Operation Complete		14/14
Print Result / Operation Complete	•			
in case consol, i can no f im temporally storage of this page Data Folder" on desk top, and o	. Touch "Screen Capture", an	d save it. Screen capture		
Part number after Reprog/programming	🧲 Step 🧲	46007-3NA1A		
Part number before Reprogramming	25 -	45007-31VAQA		
Vehicle		ZEO LEAF		
VIN		JN1AZOCP9BT X00	0000	
System		BRAKE	Step	Print
Date	2	000000000000000000000000000000000000000	25a	
			Step	Confirm
			25c	

Figure 22

26. Once reprogramming has completed:

- a. Select Home.
- b. Turn "ignition" off (depress power switch once).
 - Do not close C-III plus at this time.
- c. Disconnect the battery tester/charger from the 12 V battery.
 - For battery tester/charger disconnect procedure, go to Page 20 GR8 Multitasking Battery Diagnostic Station, Step 14.

CONSULT-III plus Ver.	V14.11.00	VIN:		Vehicle : LEA	F ZEO 2011	c	ountry : U.S.A.		-
Back Home P	rint Screen	Screen Capture Mo	Recorded Bata	() Help	12.5V VI	<u>ж</u> П	[Ste 27
Re/programming, Configuration		Erase All D7		nt Result / don Complete			14/14		
int Result / Operation Co	omplete					2			
All tasks are completed.	Confirmation	n.					02		
In case CONSULT can N temporally storage of th Data Folder" on desk top	is /	backing Home	eration" Screen is once. In case "Co sument, touch "Co	omplete Operati	on" Screen is	for is			
Part number after Reprog/programming									
Part number before Reprog/programming				21					
Vehicle						1			
VIN	1.1	Home		Cance			r		
System	-		-				Print		
Date			171	1/2012 2:04:13	PM			1	
		Step			_		Confirm		
		26a			1/1		1		
					6		-		

Figure 23

27. Close C-III plus (see previous page, Figure 23).

• <u>Do not</u> turn off the CONSULT PC.

28. Place the vehicle in "READY to drive" mode:

- Apply the parking brake.
- Depress the brake pedal.
- Depress the power switch <u>once</u>.
- The meter and gauges will illuminate.

29. Open C-III plus.

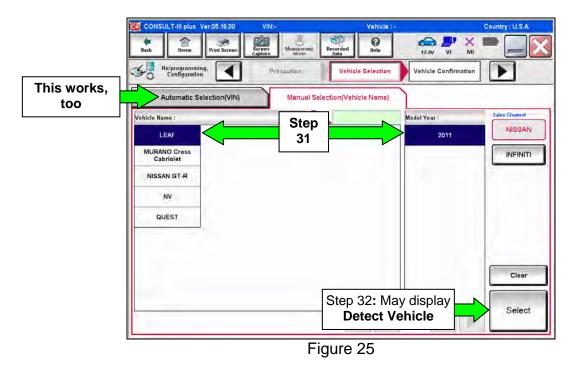
30. Once the plus VI is recognized, select Diagnosis (All Systems).

	Consult-III plus Ver.V01.00.65 VIN:- Busk Home Print Screen Screen Measurement Made	Vehicle :- Country : Japan Recentined Recentined Hedp VI
	Connection Status	Diagnostic Menu
	Serial No. Status	Diagnosis (One System)
plus VI	VI 9200057 VI Normal/Wired connection	Diagnosis (All Systems)
	MI - No connection	Reprogramming Configuration (Write)
	Select VI/MI	Immobilizer (Registraion, Initialization, Erasing)
	Application Setting Sub mode ABC Language Setting	ng Maintenance
	VDR	2) / Linne r 20450.74

Figure 24

31. Select LEAF and 2011/2012 or Automatic Selection (VIN).

• If Automatic Selection (VIN) is selected, wait for the Reading VIN screen to complete.



32. Select Select or Detect Vehicle, whichever displays.

33. Verify the VIN in **VIN or Chassis #** matches that of the vehicle's.

• If the correct VIN exists, select **Confirm**.

	Connguration	👌 🤫 0 📥	
Verify here	VIN or Chassis # Vehicle Name : Model Year	JN1AZ0CP xxT xxxxxx LEAF 201x	
		If OK, sele Confirm	Change Confirm

Figure 26

34. Wait for system call to complete.

CONSULT-IL plus	WIL	Venicle LEAP	280 2911	Granting U.S.A
*	Batter Hatter	Standar Bab		
Configuration	Yumana dapartaa	Vetutia Carfitmatiari		1.0
Please confirm selected touch "Change".	space fail	In case you want to select	another vehicle	
	System call performing . Please walt.			
VIN or Chasels #				
Vehicle Name :				
Model Year			-	-
			22%	
	[Cancel		
-	2			Change
-				Confirm

Figure 27

- 35. To clear any remaining DTC's (as sown in Figure 28):
 - a. Turn "ignition" off (depress power switch once).
 - b. Close CIII plus application.
 - c. Wait for <u>5 minutes</u>.

	22.31 .CSP17.10	VIN:JN1AZ0CP9B1009254	Vehicle : LEAF ZE0 2011	Country : U.S.A.
Back Borne	Print Sereen	Sereen Capture Mode Recorded		KI 🗙 🖿 📃 💽
Diagnosis (All Systems)	Sole	ct Vehicle	Diagnosis (All Systems)	
AII DTC	CAN Diag	CAN DIAG SUPPORT MNTR	SRT & P-DTC	
esult		Detailed Information		
ABS	THEFT	ABS		
	-	U1000 CAN COMM CIRCUIT	FFD	DTC Explan
BRAKE	STREET	Second Reservoirs Success		DTC
METER/M&A	NO DTC	U1000 CAN COMM CIRCUIT	CRNT FFD	Explan
THE TELSTICITY	Nobie	U1100 E-DRIVEN INTELLIGENT	CRNT FFD	DTC Explan
BCM	NODIC	BRAKE		LApian
AIR BAG	NO DTC	C1A50 CONTORL MODULE	CRNT FFD	DTC Explan Print
	Labor			for Custom
EHS/PKB	NO DTC			Print
MOTOR CONTROL	NONIC			
				Save
1/3		1	1/1	ERASE

Figure 28

- 36. After <u>5 minutes</u>, check DTC status by again performing steps 28 through 34. Once done proceed to step 37.
 - Figure 29 should now be displayed with C1A60 as a PAST DTC.

CONSULT-III plus Ve	r.	VIN:	Vehicle : LEAF Z	E0 11/2010		Country :
Bask Borne	Print Screen	Sareen Capture Mode Riccorded	() Help	12.2V	<mark>Р ×</mark> I	🔀
Diagnosis (All Systems)	Select	t Vehicle Confirm Vehicle	Diagnosis (Al) Systems)			
AI DTC	CAN Diag	CAN DIAG SUPPORT MNTR	SRT & P-DTC			
Result		Detailed Information			-	
		ABS	-	_	_	
ABS	CRAFT	U1000 CAN COMM CIRCUIT		FFD	DTC Explan	
BRAKE	PAST	U1000 CAN COMM CIRCUIT	PAST	FFD	DTC Explan	
METER/M&A	NO DTC	U110D BRAKE COMM	CRNT	FFD	DTC Explan	
BCM	NO DTC	BRAKE				
AIR BAG	NODIC	C1A60 CONTORL MODULE	PAST	FFD	DTC Explan	Print
EHS/PKB	NO DTC		\wedge			for Customer
MOTOR CONTROL	NO DTC	Г		_		Save
			Now			Save
1/3			PAST	-		ERASE
		Figure 2	29			
		i iguic z				

- 37. Turn "ignition" OFF again (depress power switch <u>once</u>), and **wait** <u>15 seconds</u>; then turn ignition to "READY to drive" mode.
 - Figure 30 should now be displayed with U110D as a past DTC.

CONSULT-III plus Ve	-	VIN:	Vehicle :		Country :			
teak forme	Print Screen	Seren Capture Minister Da		12.2V VI	× ■			
Diagnosis (All Systems)	Selec	Confirm Vehic	Diagnosis (All Systems)					
AILDTC	CAN Diag	CAN DIAG	R SRT & P-DTC					
esult		Detailed Information						
ABS	DTC detected	ABS						
		U1000 CAN COMM CIRCU	ти		DTC Explan			
BRAKE	PAST			r r	DTC			
METER/M&A	RODIC	U1000 CAN COMM CIRCU	JIT PAST		Explan	Now		
BCM	NO DTC:	U110D BRAKE COMM	GENT PAST		DTC	Now PAST		
		BRAKE		لل	Explan	PASI		
AIR BAG	NO DTC	C1A60 CONTORL MODUL	E PAST		DTC Explan	rint		
EHS/PKB	RODIC			-	for C	ustomer		
MOTOR CONTROL	NO DTC					Print		
-						Save		
1/3				1/1	E	RASE		

Figure 30

- 38 Select **ERASE** button.
 - All DTC's should now be clear.

CONSULT-III plus Ver	n. n.	VIN:	Véhicle : LE	AF ZEO 11/2010	Country :
Back Marne	Dated Country 6	ifeen Mountcapert	Verclarded Data		× 💻 📃 🔀
Diagnosis (All Systems)	Select V	Confirm Ve	bicle Diagnosis (/ Systems)	MI -	
AILDTC	CAN Diag		INTR SRT & P-DT	•	
iesult		Detailed Information			
ABS	NO DTC				
METER/M&A	NODIC				
BCM	NO DTC				
AIR BAG	NO DTC				
EHS/PKB	NO DTC				Print
MOTOR CONTROL	NO DIC				for Customer
EPS	NODIC				
					Save
1/3				0/0	ERASE

Figure 31

39. Once all DTCs have been erased:

- a. Select **Home**, and then on the next screen, select **Yes** (picture 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).

40. 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 multifunction control panel.
- c. If the timer for either charging or climate control was on prior to reprogramming, turn them back on.

GR8 Multitasking Battery Diagnostic Station Setup

- 1. Connect the battery tester/charger to the 12 V battery, positive cable first.
- 2. Plug in the battery tester/charger (AC voltage supply), and then turn on the battery tester/charger.
- 3. Select the preferred language, and then depress NEXT.
- 4. Select the USER, and then depress NEXT.
- 5. Confirm the USER, and then depress NEXT.
- 6. Select System Test, and then depress the "down" arrow.
- 7. Select the Manual icon, and then depress NEXT.
- 8. Select REGULAR FLOODED, and then depress NEXT.
- 9. Select LIMIT VOLTAGE, and then depress NEXT.
- 10. Set MIN VOLTAGE to 12.40 volts, and then depress NEXT.
 - Use the arrows to raise and lower the voltage setting.
- 11. Set the charging time for 40 minutes, and then depress NEXT.
- 12. Wait for the system to go through Test mode and Advanced Test mode.
- 13. Perform VCM reprogramming now.
- 14. Once VCM reprogramming has completed: Depress STOP, depress the power switch to OFF, and then unplug the battery tester charger from the AC voltage supply.

NOTE: For further details on battery tester/charger connection and set-up, refer to the battery tester/charger's instruction manual.