

Technical Bulletin

ERVICE BULLETIN

Classification:

BR12-006

Reference: NTB13-013

February 8, 2013

Date:

2013 ALTIMA SEDAN; DTC C1197 STORED

APPLIED VEHICLE: 2013 Altima Sedan (L33) APPLIED VINs and DATES: Vehicles built before: 1N4(*)L3A(* *)DC 214030 and February 1, 2013

1N4**A**L3A(* *)D**N** 504676 and January 22, 2013 1N4BL3A(* *)DN 507630 and January 24, 2013

IF YOU CONFIRM:

DTC C1197 is stored in the ABS actuator and electric unit (ABS control unit).

NOTE: The brake warning light may be on.

ACTION:

- Refer to page 4, step 8 in the SERVICE PROCEDURE to confirm this bulletin pertains to an applied vehicle that you are working on.
- 2. If this bulletin applies, reprogram the ABS control unit.

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Reprogram ABS control unit	(1)	PX68AA	HC	32	0.4

(1) Reference the repair order and use the ABS control unit part number (47660-xxxxx) written down in page 4, step 8 of the service procedure.

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 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

Confirm ABS Control Unit Reprogramming Applies

NOTE: The following photos of C-III plus may differ slightly from those on your C-III plus screen.

- 1. Connect the CONSULT PC and the plus VI to the vehicle.
- 2. Turn the ignition switch ON.
- 3. From the CONSULT PC desktop, open C-III plus.
 - Verify the plus VI is recognized.
- 4. Select Diagnosis (All Systems).

	CONS	ULT-III plus Ver.V1	2.12.00 VIN:-	Vehicle : -	Country : U.S.A.		
	di Back	Rome Prin	t Screen Capture Mode	Recorded Data			
	Conne	ection Status		Diagnosis Menu			
Step 3: VI is		Serial No.	Status	Diagnosis ((One System)		
recognized	VI	4 30 7 7 7 7	Normal Mode/Wireles		(All Systems)		Step 4
	м	•	No connection	Re/program	nming, Configuration		-
	8/3		*x				
	15	Select VI/N		Immobilizer	r		
		ation Setting Sub mode	ABC Language Sett	ing Maintenand	ce	J	
	89	VDR				7	

Figure 1

 If the following screen appears, select the Automatic Selection(VIN) tab OR

From the Manual Selection(Vehicle Name) tab, select NISSAN, Altima, Model Year (2013), and then Select.

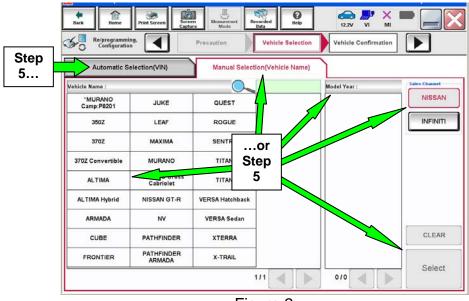


Figure 2

6. Verify information is correct, and then select **Confirm**.

Back Biome Print Screen Capture	Measurement Mode Recorded Help 22.2V VI MI	
Configuration	cle Selection	
Please confirm selected information and to to to the total to the total to the total	ouch "Confirm". In case you want to select another vehicle,	
VIN or Chassis #	. 1/ 4 1/ 4 1/ 4	
Vehicle Name :	70	
Model Year	01	_
	1/1	_
		Change
	Step 6	Confirm
	Figure 3	

- 7. From the All DTC tab, verify there are no DTCs stored, and then select ABS.
 - If there are any DTCs other than C1197, diagnose, perform repairs, and then erase DTCs **before** continuing. Refer to ASIST for further diagnosis.

NOTE: Any DTCs other than C1197 are not covered by this bulletin.

	CONSULT-III plus Ver.23.13 Ver.CSP18.1	1VIN:ZZZZEEEEEEE0000000	Vehicle : LEAF ZE0 2011	Country : U.S.A.
	Back Borne Print Screet		Help 11.7V VI	× = _ X
	Diagnosis (All Systems)	elect Vehicle	Diagnosis (All Systems)	
	All DTC	Diag CAN DIAG SUPPORT MNTR	SRT & P-DTC	
	- Jun	Detailed Information		
		c		
	SHIFT NO DT	c		
	BRAKE NO DT	Step		
Step 7	ABS NO DT			
	TELEMATICS NO DT	c		Print
	MULTI AV	ert l		for Customer
				Save
	212		0/0	ERASE

Figure 4

- 8. When you get to the screen shown in Figure 5, confirm this bulletin applies as follows:
 - A. If the vehicle's VIN and production date were not already checked, check it now.
 - If the vehicle was built BEFORE one of the VINs and dates below, continue to step 8B.

Vehicles built <u>before</u>: 1N4(*)L3A(* *)D**C** 214030 and February 1, 2013 1N4**A**L3A(* *)D**N** 504676 and January 22, 2013 1N4**B**L3A(* *)D**N** 507630 and January 24, 2013

- If the vehicle was built AFTER one of the applied VINs and dates above, this bulletin <u>does not apply</u>. Return to ASIST for further diagnostic information.
- B. Find the ABS control unit **PART NUMBER** and write it on the repair order.
 NOTE: This is the <u>current</u> ABS control unit Part Number (P/N).

CONSULT-II plus Ver.23.13 VIN.250.40	0110 Vehicle : LEAF 2E0 11/2010	Country : Japan
Back Protection Street	Sincordel De Nov	
Select Vehicle	Contrm Vehicle Diagnosis (Al Systems) CHARGER	
Result Data Monitor	Active Test	
PART NUMBER	47660-xxxxx	

Figure 5

- C. Compare the P/N you wrote down to the numbers in the **Current ABS CU Part Number** column in **Table A** below.
 - If there is a <u>match</u>, this bulletin <u>applies</u>. Continue with the reprogramming procedure on the next page.
 - If there is <u>not a match</u>, reprogramming <u>does not apply</u>. Return to ASIST for further diagnostic information.

Table .	Α
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Model	Current ABS CU Part Number: 47660 -
2042 Altima Cadan	3TA2A, 3TA3A, 3TA4A, 3TA5A, 3TA7A, 3TA8A
2013 Altima Sedan	3TA1C

Reprogram ABS Control Unit

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.
 - See page 3, step 7.
 - If there are any DTCs other than C1197, diagnose, perform repairs, and then erase DTCs before continuing. Refer to ASIST for further diagnosis.

NOTE: Any DTCs other than C1197 are not covered by this bulletin.

- 1. If disconnected, reconnect the CONSULT PC and plus VI to the vehicle.
 - Make sure to use the correct VI for C-III plus (plus VI).

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

3. Connect a battery charger to the vehicle battery:

• Set the battery charger at a low charge rate.

NOTE: The GR-8 (Battery and Electrical Diagnostic Station) set to "Power Supply" mode is recommended.

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 **ABS 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 plus VI during reprogramming, reprogramming may be interrupted and the **ABS control unit may be damaged**.

5. 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 **ABS control unit may be damaged**.

6. From the CONSULT PC desktop, open C-III plus.

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

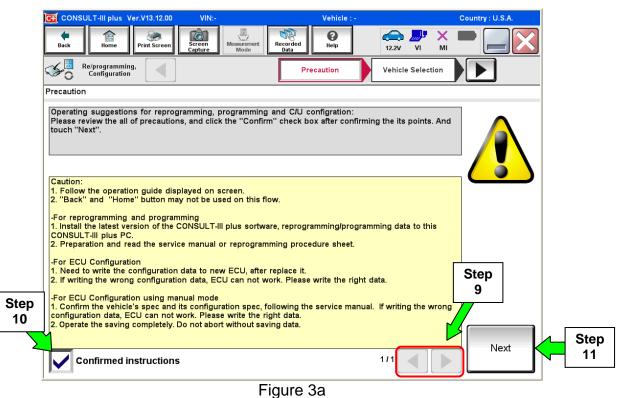
	💽 CONSU	LT-III plus Ver.V12	.12.00 VIN:-	Vehicle : -	Country : U.S.A.
	Back	Home Print	Screen Capture	Recorded Help 11.	
	Connee	ction Status -		Diagnosis Menu	
		Serial No.	Status	Diagnosis	(One System)
plus VI is recognized	VI	2809797	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>		(All Systems)
	м	-	\bigotimes		
			No connection	Re/program	nming, Configuration
	80	Select VI/MI			ir
		ion Setting	ABC Language Setting	Maintenan	ce
		/DR			
	1		Fi	igure 1a	

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

C	🖸 CONSU	LT-III plus Ver.V12	.12.00 VIN:-	Vehicle : -		Country :	: U.S.A.	
	H Back	Home Print	Screen Capture Mode	Recorded Data	11.8V VI	<u>м</u>		
	Connec	ction Status -		Diagnosis M	enu			
		Serial No.	Status	Diag	nosis (One S	System)		
	VI	2808787	للا کې کې Normal Mode/Wireless connection		nosis (All Sy	vstems)		
	м		\otimes			,		· · · · · · · · · · · · · · · · · · ·
			No connection	Re/p	rogramming	ı, Configura	tion	Step 8
	80	Select VI/MI			obilizer			
		tion Setting	ABC Language Settin	g Main	tenance			
		VDR						

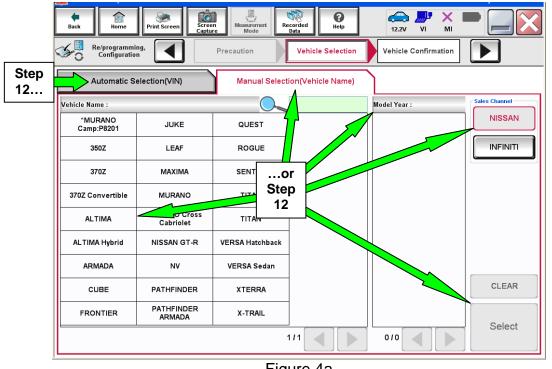
Figure 2a

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



12. If the following screen appears, select the Automatic Selection(VIN) tab OR

From the Manual Selection(Vehicle Name) tab, select NISSAN, Altima, Model Year (2013), and then Select.



8/20

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

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

		Messurement Mode Vehicle Confirmation Vehicle Confirmation uuch "Confirm". In case you want to select another vehicle,	
Step 13 Verify here	VIN or Chassis # Vehicle Name :	JN1172478HNAIN609269	
	Model Year	B 0 1	
		1/1	
		Step 14	Change Confirm

Figure 5a

IMPORTANT:

If the screen in Figure 6a displays, select **Other Operation**, and then go to step 15.

• If this screen does not display, go to step 15.

CONSULT-III plus Ver.V12.12.00		Vehicle : INFINITI EX35 J50 2012	Country : U.S.A.
Back Back Print Screen	Screen Capture Measurement Mode Recorded Data	Image: Weight of the second	
Re/programming, Configuration		eration Log Selection	
eration Log Selection			
:ONSULT has the saved data relate n case you want to write the save da ata list (left side), and confirm the d /ant to do other operation, touch "Ot	ta from CONSULT to vehicle EC etail (right side). If the detail is C	rauon. U, touch and select the data in Save)Κ, and touch "Confirm". In case you	
aved Data List	Saved Data Detail		
	Operation	REPROGRAMMING	
	System		
	Part Number	2 87#0#1 WW3B	
	Vehicle	INPINITIEX89 -	Delete
	VIN	= jn 114.50 H F19 B NB 50 56 H	Other
	Saved Date	= 1201 1109/015 1151 59:36= =	Operation
		1/1	Confirm

Figure 6a

15. Select Confirm.

Image: Back Image: Back <thimage: back<="" th=""> <thimage: back<="" th=""></thimage:></thimage:>	•						
Re/programming, Configuration Vehicle Confirmation Input VIN System Selection	4/6						
Input VIN							
Enter the VIN number, and touch "Confirm". According to this operation, in case of specified operation that requires to save ECU information into CONSULT, VIN number you input is saved as file name. Therefore, confirm VIN number correctly.							
VIN (17 or 18 digits)							
Step 15	Confirm						
Figure 7a							

16. Select ABS.

Back Image: Configuration Image: Configuration Back Image: Configuration Image: Configuration System Selection Touch "system". In case ECU you want to operate is not list	Input VIN System Selection	Coperation Selection
ENGINE	METER/M&A	HVAC
MULTI AV	ВСМ	TRANSMISSION
ABS	Step 16	
IPDM E/R	EV/HEV	
HEAD LAMP LEVELIZER	AIR BAG	
		1/1

Figure 8a

17. Select Reprogramming.

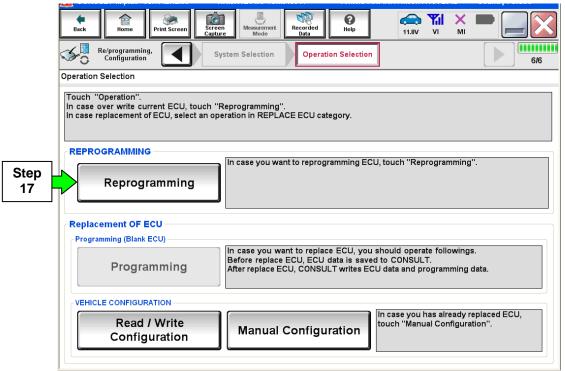


Figure 9a

18. Select Save.

	UN TET TAP TOWN 100 14 VENICIE . INFINITE WOOD AT 0 1 20 12	country . O.S.A.
Back Home Print Screen Capture	Measurement Mode Recorded Data	
Re/programming, Configuration	tion Selection Save ECU Data	717
Save ECU Data		
	e current part number as listed below to CONSULT. n by selecting suitable operation log. Operation log is erased	
File Label		
Operation	EREPHED GERÆDINEN G	
System		
Part Number		
Vehicle		
VIN	J R/1 E /1 R / E (JR)9 E (JR 41	
Date	■1庸2傳1■:漏:電 /翻 I Step 18	Save

Figure 10a

19. Select Next.

Back Image I	Messurement Mode Recorded Data Provided Help 11.8V VI MI tion Selection Save ECU Data	
Operation log and ECU data (Some of ECU n "Next".	need to be saved, not all) have been saved to CONSULT. Touch	
File Label	JIN 1967 MARIE CUN 1960 COU 4 D	
Operation		
System		
Part Number		
Vehicle		
VIN	Jin 1924 1990 1990 1994	
Date	■1#2₩1#:2#:4# / Step 19	Next

Figure 11a

- 20. Use arrows (if needed) to view and read all precautions.
- 21. Check the box confirming the precautions have been read.
- 22. Select Next.

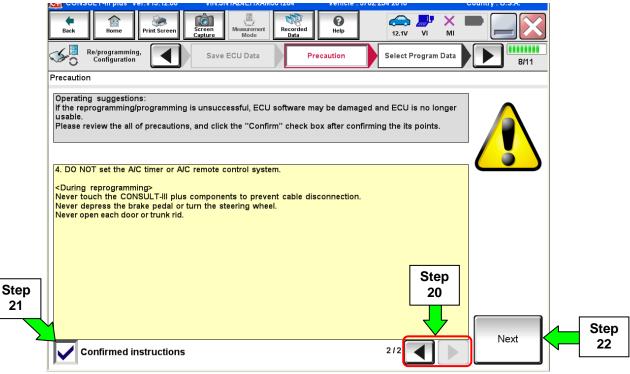


Figure 12a

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

CONSOL 1-11 plus Ver. V 10. 12.00 VIIV.	141A24211XAW001204 Vehicle . 5702 254	2010 00	unuy. 0.3.A.
Back Rome Print Screen Capture	Messurement Mode	🕋 🔑 🗙 📕 12.1V VI MI	
Re/programming, Configuration	ecaution Select Program Data	Confirm Vehicle Condition	9/11
Select Program Data			
vehicle.	nming data is NOT displayed, only one data is ng is wrong, touch ''Re-select'', and confirm th		
Part Number After Repro/programming <			
Current Part Number	23 23 23 10 1 13 2A		
Vehicle	23 8 , 5752		
VIN	J , 1 4 Z 42 H , A 1 15 4 1 2 4		
System			
Other Information			Re-select
Expected time to finish re/programming	10min	Step 24	Next
	L		

Figure 13a

NOTE:

- In some cases, more than one new part number for reprogramming is available.
 - a. In this case, the screen in Figure 14a displays.
 - b. 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 blank (no reprogramming listed), it means there is no ABS control unit reprogramming available for this vehicle.

Back Home Print Scree Home Re/programming, Configuration Select Program Data	en Screen Measurement Mode Precaution	Recorded Data Select Program		VI MI	9/11
Touch and select the reprog/p In case no reprog/programmin reprog/programming data in Co System	g data is listed below, confi		tion, VIN and		
Current Part Number	Part Number After Repr	o/programming	Other Infor	mation	
XXXXX-XXXXX XXXXX-XXXXX	XXXXX-XXXXX XXXXX-XXXXX		xxxxxxxxxx xxxxxxxxxx		
			0/0		Next

Figure 14a

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

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

Image: Back Image: Back <thimage: back<="" th=""> <thimage: back<="" th=""></thimage:></thimage:>	12.8V MI
Re/programming, Configuration Select Program Data Confirm Vehicle Condition	Trans Sata 10/11
Confirm Vehicle Condition	Monitor battery
Operate according to the following procedures.	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	Harris Contraction
13.5V. The vehicle battery voltage is shown on the top-right of this screen	
3	
Confirm the RESULT is OK, touch "Next".	
Step 25	
	Step Next
Result OK	26

Figure 15a

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

27. Select Start.

Home Print Screen Re/programming, Configuration Confirm Vehicle Condition		arement Records Node and Data	ed Performance Per	13.2V V MI	
Confirm the vehicle condition as Then, confirm that judgment for all out of range, reprogramming or pro	items indicate	OK, and touch '			Monitor battery voltage here
Monitor item	Value	Unit	Judgment	Condition	
BATTERY VOLTAGE	13.2	v	ок		_
			1	11	Step 27 Start
1		Eigurg	40		

Figure 16a

28. Wait for both progress bars to complete.

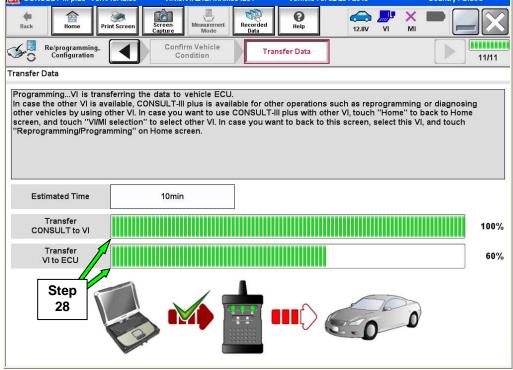


Figure 17a

NOTE: If the message shown in Figure 18a appears, there is data stored in the plus VI. Select "**Yes**" to proceed with reprogramming.

CAUTION!!	
There are still data in VI. Reprogrammin until the data are erased. Do you want t	
If you do not want to erase the data, ple after uploading VI data with [DataContro	
Figure	e 18a

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

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

30. Disconnect the battery charger from the vehicle.

31. Select Next.

		Vehicle . OF VE 204 2010	country . c.c.n.
Back Home Print Screen	Screen Capture	Image: Weight Heip Image: Weight Heip	<u>м</u> =
Re/programming, Configuration	Transfer Data	firm Result	12/12
Confirm Result			
Reprogramming or programming is Touch "Next" to continue operation.	completed.	00	
		Step 31	Next

Figure 19a

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

- 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 201	11 Country : U.S.A.
Back Back Print Screen	een Monarment Recorded Hale	
Re/programming, Configuration	Transfer Data Confirm Result	9/9
onfirm Result		
Reprogramming of programming is not operation on this ECU. Touch "Retry" to retry reprogramming o	completed properly, but you can retry reprog/program	
Part number after Reprog/programming	283B0	
Current Part Number	283B0	
	283B0 ZEOLEAF	
Current Part Number Vehicle VIN		
Vehicle	ZEOLEAF	
Vehicle VIN	ZEOLEAF	Retry
/ehicle /IN System	ZEOLEAF JN1AZ0CP _X BTXXXXX 78% EMATKXS	Retry

Figure 20a

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

- 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, 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	VIN:-	Vehicle : -	Country : U.S.A.
Back Borne Print Screen	Screen Capture Mode D	orded Hele	🚓 🚚 🗙 🖿 🔜 🔀
Ke/programming, Configuration	Transfer Data	Confirm Result	2/2
onfirm Result			
Reprogramming or programming is reuse anymore. Touch "Home" to back to Home Sc			
Part number after		28380-	
Reprog/programming		20080.	
		283B0	
Current Part Number			
Reprog/programming Current Part Number Vehicle VIN		283B0-	
Current Part Number Vehicle		283B0	
Current Part Number Vehicle VIN		283B0- ZEOLEAF JN1AZ0CPxBTxxxxx	
Current Part Number Vehicle VIN System		283B0- ZEOLEAF JN1AZOCPXBTXXXXX XEDERRADEDOX	

Figure 21a

If the screen in Figure 22a displays, select Home, and then select Trouble Diagnosis.

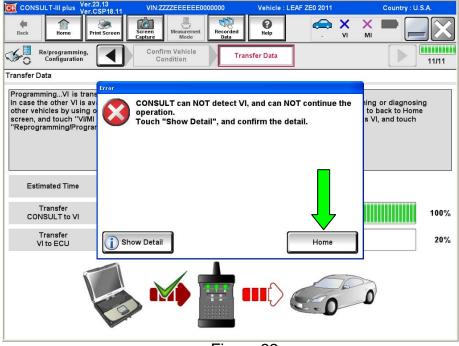


Figure 22a

32. Erase all DTCs as follows:

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

æ Back	Home	Print Screen	Screen Capture	Measurement Mode	Recorded Data	O Help	(13.6V	VI MI	
50	Re/programmin Configuration	g,		ation Start Engine	Eras	e All DTCs		t Result / on Complete	17/18
Erase All	DTCs								
Accord	ing to the instr	uction below,	erase All D	TCs.					
1									
Tu	rn ignition switc	h to the ON po	sition, then a	All DTCs are a	automatically	y erased.		OFF	CR Recover
	Current status swite			ON					
		Turn	ignitio	on ON	> 0F	F > 01	N		

Figure 23a

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

34. Print a copy of this screen (Figure 24a) and attach it to the repair order.

35. Select Confirm.

Back Forme Print Screen Capture	Measurement Mode	14.3V VI MI	-
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			
Part number before	33 2674 04 14E J2 8		
Vehicle	ZQ4 1\$70Z		
VIN		102604 B	
System		Step 34	Print
Date	ud 1003/2000:11 (0 : 100 : 21		
1/1 Step 35 Confirm			

Figure 24a

NOTE: If you can not 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.

36. Close C-III plus.

- 37. Turn the ignition OFF.
- 38. Disconnect the plus VI from the vehicle.