

SERVICE BULLETIN

EL15-035

NTB16-006

Date: January 6, 2016

2013 - 2016 LEAF; CHARGE IS STOPPED BEFORE COMPLETE, EV WARNING LIGHT ON AND DTC STORED

APPLIED VEHICLE 2013 – 2016 LEAF (ZE0)

IF YOU CONFIRM

Charge was started, but charge connector was unplugged before charge was complete.

and

The EV warning light is ON.

and

One or more of the following DTCs are stored:

- B2840 PDM (Power Delivery Module) [Component Internal Malfunction]
- B29C1 EVSE (Electric Vehicle Supply Equipment) [Signal Stuck High]
- B29C1 EVSE (Electric Vehicle Supply Equipment) [Unexpected Operation]
- B29C1 EVSE (Electric Vehicle Supply Equipment) [No Signal]

ACTION

- 1. Confirm this bulletin applies.
 - See step 20 of the Service Procedure on page 8.
- 2. If this bulletin applies, reprogram the PDM.

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.

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 synchronized (updated) to the current date.
- 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.

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).



Ready to drive indicator light

Figure A

- 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. 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.

	Active Active<	
	Connection Status	
	Serial No. Status Diagnosis (One System)	
9. Plus VI is recognized	VI 2300182 Normal Mode/USB connection Diagnosis (All Systems)	
	MI - No connection Step	٦
	Select VI/MI	
	Application Setting Sub mode Image: Setting Maintenance	
	VDR	
	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.

Back Ber Print Screen Screen Screen Recorded Btelp 12.2V VI MI	
Configuration Precaution Vehicle Selection	
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 I. Need to write the configuration data to new ECU, after replace it. If writing the wrong configuration data, ECU can not work. Please write the right data. If writing the vehicle's spec and its configuration spec, following the service manual. If writing the Infiguration data, ECU can not work. Please write the right data. Infiguration data, ECU can not work. Please write the right data.	
	Step
Confirmed instructions	1 3
Figure 2	

- 14. Select LEAF and the correct Model Year, 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.



Figure 3

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

• If the correct VIN is displayed, select Confirm.



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

Image: Back Image: Back <thimage: back<="" th=""> <thimage: back<="" th=""></thimage:></thimage:>	
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) 1N4AZ0CP*DC 4xxxxx	
Step	
	Confirm
Figure 5	

18. Select CHARGER/PD MODULE.

Back Image: Configuration Configuration Image: Configuration Configuration Image: Configuration Configuration System Selection System Selection System Selection System Selection	Input VIN System Selection	10.7V VI MI P P SIG				
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					

Figure 6

19. Select Reprogramming.



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).

Back Image: Configuration Image									
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			XXX	xxxxx	xxxxxx				
Operation	20A.		RE	PROGR	AMMING				
System	Current P	/N	CHARGER/PD MODULE						
Part Number			2	92C0->	xxxx	>			
Vehicle				ZE0L	EAF				
VIN	VIN ·1N4AZ0CP*DC xxxxx								
Date			XKK	(29.12	lf OK S	, sele ave	ect	<u>ر</u>	Save
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 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 bulletin</u> <u>does not apply</u>. Refer to ASIST for further diagnostic and repair information.

MODEL YEAR	CURRENT CHARGER/PD MODULE PART NUMBER: 292C0-						
	3NF0A, 3NF0C, 3NF0D	3NF5A, 3NF5B, 3NF5C					
	3NF1A, 3NF1B, 3NF1C, 3NF1D	3NF6A, 3NF6B, 3NF6C					
	3NF2A, 3NF2B, 3NF2C, 3NF2D	3NF7A, 3NF7B, 3NF7C					
2013 - 2016 LEAF	3NF3A, 3NF3B, 3NF3C, 3NF3D	3NF8A					
	3NF4A, 3NF4B, 3NF4C	3NF9A					
	4FA0A, 4FA1A, 4FA2A, 4FA3A	4FA4A, 4FA6A, 4FA8A					
	4NP0A, 4NP1A, 4NP2A, 4NP3A	4NR1A, 4NR3A					

Table A

21. Select Next.

Back Home Print Screen Capture	Measurement Mode Bata	← ↓ × I						
Re/programming, Configuration	tion Selection Save ECU Data		7/7					
Save ECU Data	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	1N4AZ0CPxxx xxxx	хх						
Operation	REPROGRAMMING							
System	CHARGER/PD MODUL	E						
Part Number	292C0-xxxxx							
Vehicle	Vehicle ZEOLEAF							
VIN 1N4AZ0CP*DC xxxxx								
Date	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Step	Next					
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.

L		
	Image: Back Image: Back	•
Ģ	Re/programming, Configuration Save ECU Data Precaution Select Program Data	8/11
	Precaution	
	Operating suggestions: If the reprogramming/programming is unsuccessful, ECU software may be damaged and ECU is no longer usable. Please review the all of precautions, and click the "Confirm" check box after confirming the its points.	
	Precautions	
	<before reprogramming="" starting=""> -Work preparation</before>	
	 Install the latest version of the reprogramming data to this CONSOLT-in plus PC. Turn off any wireless devices such as mobile phones, cordless phones, transceivers, etc. 	
	-PC preparation 1. Close all other software except CONSULT-III plus and DO NOT activate any other software.	
	Check that the screen saver is turned OFF. To do this, right-click on the PC Desktop, and select "Properties". Select the Screen Saver tab then select "(None)" from the Screen Saver pull-down menu, and	
	click "OK".	Step
	4. DO NOT disconnect the VI diagnosis Step	23
	-Vehicle preparation 22 of the 12V battery is in the range of 12.0V to	
	13.5V. For EV, DO NOT character barrents and do not operate any encount switches.	
	3. DO NOT to smitch/Power switch. For EV/HEV, push witch/wice without	
	Confirmed instructions	Next
-		

Figure 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.

Back Re/programming, Configuration	t Screen Screen Messacener Recorded Data	Program Data				
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.						
System	CHARGER/PD MODULE					
Current Part Number	Part Number After Repro/programmi	ng Other Information				
xxxxx-xxxxx	XXXXX-XXXXX	****				
XXXXX-XXXXX	XXXXX-XXXXX	*****				
			Next			
		0/0				
Figure 11						

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

Back Re/programming.	Measurement Mode Tecaution	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*D	C xxxxxx				
System	CHARGER/PD M	ODULE				
Other Information	ZE0 with ASCD	/см	Re-select			
Expected time to finish re/programming	10min	Step 25	Next			

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**.



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.

Ver.CSP18.11	VIIN.DIN IMAL	GF3D1003204	Venicie . LLAI ZL	.0 2011	Country . O.S.A.	
Back Rome Print Screen	Screen Capture	Surement Node	ad Pelp	12.7V VI	× • • • ×	
Re/programming, Configuration	Select Progra	am Data	Confirm Vehicle Condition	Trans	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 conditi out of range, reprogramming or programming may stop. battery voltage here						
Monitor Item	Value	Unit	Judgment	Condition		
BATTERY VOLTAGE	12.8	v	ок			
Q/CHG CONNECT DETECT	DISCNCT		ок			
			r			
				Step 27	Start	
			L			

Figure 14

28. Wait for both bar graphs to complete.



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 14.



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>.

Back Back Print Screen	Measurement Mode Recorded 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						
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				
1						

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.

CONSOLT-III plus Ver.V14.21.00 VIN	- venicie	Country . O.S.A.
Back Back Print Screen	Mode Recorded Data	× 🗭 📃 🔀
Re/programming, Configuration	ansfer Data	2/2
Confirm Result		
Reprogramming or programming is not cor reuse anymore. Touch "Home" to back to Home Screen, rep	npleted properly. ECU has been broken, and impossible to place ECU with Service Manual.	
Part number after Reprog/programming	292A0	
Current Part Number	292A0	
Vehicle	ZEOLEAF	
VIN	*****	
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>.

Bac	tek Imme Print Screen Imme Imme Imme Imme Imme Imme Imme I
S	Re/programming, Confirm Result Confirm Result Confirm Result 1 Operation Complete
Erase	e All DTCs
Acc	cording to the instruction below, erase All DTCs.
1	
	Turn the ignition switch to the OFF position.
	Turn ignition switch OFF position
	Current status of ignition ON ON TO OFF
	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.

_		a da a				
Back	Home Print Scre	en Screen Capture Mode	t Recorded He	lp 12.6V	VI MI	
\$ 0	Re/programming, Configuration	Confirm Result	Erase All D	TCs Prin Operat	nt Result / ion Complete	13/14
Erase All	DTCs					
Accordi	ng to the instruction be	elow, erase All DTCs.				
1 Turr	n the ignition switch to th	ne OFF position.			CX.	C.K.
					(\bigcirc)	
			-		ON THAY	OFF
	Current status of ignition	on		OFF		
	switch	OFF		to ON		
			L			
,						

Figure 20

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

Back Print Screen Capture Mode Recorded Help 12.4V VI	' × 🖿 📃 🔀
Configuration Confirm Result Erase All DTCs Print Result Operation Configuration	ult / mplete 13/14
Erase All DTCs	
According to the instruction	
ERASE	
Turn ignition switch to the	
Current status of igni	94%
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**.

Back Home Print Screen Capture	Messurement Recorded Help	12.9V VI	MI	
Configuration	se All DTCs Print Result / Operation Complete			14/14
Print Result / Operation Complete				
All tasks are completed. Confirm LAN acco In case CONSULT can NOT immediately ac temporally storage of this page. Touch "Sc Data Folder" on desk top, and open the fold	iss, touch "Print" to print out this page. cess to LAN or printer, Screen Capture fur een Capture", and save it. Screen capture er named "ScreenImages".	nction is availa data is in ''Clll	ble for plus	
Part number after Reprog/programming Part number before Reprog/programming	tep 31 292C0-XXXXX 292C0-XXXXX			
Vehicle	ZE0 LEAF			
VIN	1N4AZ0CP*DC	xxxxxx		
System	CHARGER/PD MODI	Step	-	Print
Date	LINN XAIX KA BXRAX XORK	32		
		Step 33		Confirm

Figure 22

34. Select Home.

Home Print Screen	Screen Capture	Recorded Data	12.5V VI M		Step 35
Configuration	Erase All DTCs	Operation Complete		14/14	
Print Result / Operation Complete					
All tasks are completed	on				
In case CONSULT can N temporally storage of this Data Folder" on desk top,	"Complete Operation" backing Home once. Ir necessary document,	' Screen is no longer sho n case ''Complete Opera touch ''Cancel'' to back	wn after tion'' Screen is previous screen.	or s	
Part number after Reprog/programming					
Part number before Reprog/programming Vehicle					
VIN	Home	Cano	el		
System		<u></u>		Print	
Date		1/11/2012 2:04:13	B PM		
	34		1/1	Confirm	

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).

	CONSOL I -III plus - Ver.VI	4.11.00 VIN	venicie Country. O.S.A.	
	Back Home Prin	t Screen Capture Measurement Rec	Rorded Help 13.5V VI MI	
	Connection Status		Diagnosis Menu	
	Serial No.	Status	Diagnosis (One System)	
Plus VI recognized	VI 2300182	Normal Mode/USB connection	Diagnosis (All Systems)	Step
	MI -	No connection	Re/programming, Configuration	40
	Select VI/M	I	Immobilizer	
	Application Setting	ABC Language Setting	Maintenance	
	VDR			
		Figu	ure 25	

- 41. Select LEAF and the correct Model Year, 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**.

		venicie	Country . O.S.A.
	Back Home Print Screen Capture	Measurement Recorded Data	
	Re/programming, Configuration	cle Selection	
	Please confirm selected information and to to the selected information and to to the selected information and to the selected information and the selected in selected information and the selected information and the sel	ouch "Confirm". In case you want to select another vehicle,	
Verify			7
here -	VIN or Chassis #	*********	_
	Vehicle Name :	LEAF	
	Model Year	201x	
		I	
		1/1	
			Change
		If OK, select Confirm	Confirm
	1	Figure 27	

44. Wait for System Call to complete.

Back Home Print Scree	n Screen Measurement Recorded Data 12.7V VI	× X
Diagnosis (All Systems)	Select Vehicle	
Please confirm selected inform touch "Change".	ation and touch "Confirm". In case you want to select another vehicl em Call	e.
Sys Ple	tem call performing ase wait	
VIN or Chassis #		
Vehicle Name : Model Year		
	94%	
	Cancel	
		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	VINJHIADOCCCCCCC	Vehicle : LEAF 201 2011	Country: U.S.A.
<u></u>	Prise for some		e 🔒	🕈 🖌 🖿 🔜 🔀
Chapmonik (M) Syndermed) Interest	Contracts	Diagnesis (All Systems)	
A NOTE	CAN Diag		SRT&POTC	
Fereil		Detailed Information		
EVHEV	PMIT	EVHEY		A
<u> </u>	<u> </u>	P8184 COMMUNICATION ERITOR	1 PFD	Explan
TELEMATICS	INST	UTODE OWN COMMINICATION	1 170	OTC
ABS	H0 010	TELEWATICS		Explan
METERIMAN	HO DITC	UTAOS USB COMM	PAST FFD	DTC Explan
8CM	HO DITC			Print
AIR BAG	100.000			For Customer
EHSPKB	HO DITC			5878
1/3			Ste 45	

Figure 29

46. Select ERASE.

Back Rome Print Screen Screen Mode Mode Help 13.5V VI	× 🖿 📃 🔀
Diagnosis (All Systems) Select Vehicle Confirm Vehicle Diagnosis (All Systems) HVAC	
Result	ion
Erase Self-Diag memory and Freeze Frame Data?	on
B2631 SUNLOAD SENSOR	on
B2790 HEATER PUMP COM	on
Erase Cancel	
Step	Print
46	Save
	ERASE

Figure 30

47. Select Close.

Image: Back Image: Back	
Diagnosis (All Systems) Confirm Vehicle Diagnosis (All Systems) HVAC	
Result	
B2631 SUNLOAD SENSOR Erasing was completed. Touch "Close" button, then make Sure that Self Diagnostic result is deleted.	
Close	Print
Step 47	Save
Figure 31	

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



49. Select ERASE.



50. Select ERASE.



Figure 34

51. Select Close.

Image: Back Image: Back	•
Diagnosis (All Systems) Select Vehicle Confirm Vehicle Systems) HVAC	
Result	
Erasing was completed. Touch "Close" button, then make sure that Self Diagnostic result is deleted.	
Close	
Sten	Print
51	Save
	ERASE
Figure 35	

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

	Back Home Print Screen Capture Mode Mode Laboration Capture Control Data
	Diagnosis (All Systems) Select Vehicle Confirm Vehicle Diagnosis (All Systems) HVAC
DTC B2631: OK	Self Diagnostic Data Monitor
	B2631 SUNLOAD SENSOR CRNT FFD DTC Explanation
	Figure 36

52. Select Back.

Step 52	Back Image: Streen Capture <
	B2631 SUNLOAD SENSOR CRNT FFD DTC Explanation
	Print
	1/1 ERASE

Figure 37

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



54. Select ERASE.



55. Select Erase.





Figure 41

NOTE: If any DTC in any systems will not erase or go to PAST:

- a. Turn the ignition OFF (depress power switch once).
- b. Wait 1 minute.
- c. Disconnect the 12 volt battery.
- d. Wait at least 10 seconds.
- e. Reconnect the 12 volt battery.
- f. Perform the DTC erase procedure again.
- g. Reset any items required when the 12 volt battery is disconnected refer to the Electronic Service Manual (ESM), section PG-Power Supply, Ground & Circuit Elements.
- 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 the ignition OFF (depress power switch <u>once</u>).
- 58. Verify there are no error messages:
 - 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.
- 59. If the timer for either charging or climate control were "ON" prior to reprogramming, turn them back ON.

CLAIMS INFORMATION

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

OPERATION	PFP	OP CODE	SYM	DIA	FRT
PDM REPROGRAMMING	(1)	JX24AA	ZE	32	0.5

(1) Refer to the electronic parts catalog (FAST or equivalent) and use the Power Delivery Module assembly part number (292C0-XXXXX) as the Primary Failed Part (PFP).