

QUALITY ACTION

Electronic Control Module (ECM) Reprogram Dealer Inventory

Reference: PC663 Date: October 26, 2018

CAMPAIGN

BULLETIN

Attention: Dealer Principal, Sales, Service & Parts Managers

Affected Models/Years:	Affected	Dealer	SERVICE COMM	Stop Sale
	Population:	Inventory:	Activation date:	In Effect
MY2019 Altima (L34)	NA	8,007	October 26, 2018	YES

*****Dealer Announcement*****

Nissan is issuing a quality hold and requiring dealers to update Electronic Control Module (ECM) software on **8,007** specific 2019 Altima vehicles identified in Service Comm. The current software installed may allow the Malfunction Indicator Lamp (MIL) to illuminate improperly during full throttle operation at high altitudes.

Affected vehicles **are subject** to stop sale and are either currently in dealer inventory or assigned and in transit to the dealer.

*****What Dealers Should Do*****

PLEASE FOLLOW THE ATTACHED REPAIR INSTRUCTIONS:

- Verify if vehicles are affected by this quality action using Service Comm or DBS National Service History – Open Campaigns I.D. <u>PC663</u>
 - New vehicles in dealer inventory can also be identified using DBS (Sales-> Vehicle Inventory, and filter by Open Campaign).
 - Refer to NPSB 15-460 for additional information
 - <u>Please continue to check newly arriving inventory for campaign</u> <u>applicability.</u>
- 2. Dealers must use the attached procedure to install the updated software prior to retail delivery of the vehicle to ensure emissions regulation compliance.
- 3. The service department should submit the applicable warranty claim for the action performed so it can be closed on Service Comm and release the vehicle.

***** Dealer Responsibility *****

It is the dealer's responsibility to check Service Comm or DBS National Service History – Open Campaign using the appropriate campaign I.D for the inspection status on each affected vehicle currently in new vehicle inventory.

Thank you for your prompt attention to this matter.

NISSAN NORTH AMERICA, INC.

Aftersales DIVISION



PC663 2019 ALTIMA (L34) ECM REPROGRAM

SERVICE PROCEDURE

REPROGRAM THE ECM

IMPORTANT: Before starting, make sure:

- ASIST on the CONSULT PC has been synchronized (updated) to the current date.
- All CONSULT-III plus (C-III plus) software updates (if any) have been installed.
- The CONSULT PC is connected to the Internet (Wi-Fi or cable).

NOTE:

- Most instructions for reprogramming with CONSULT-III plus (C-III plus) are displayed on the CONSULT PC screen.
- Take the vehicle for a 10 minute drive in order to meet the following Idle Air Volume Learn (IAVL) conditions:
 - Engine coolant temperature: 70 -100°C (158 - 212°F)
 - Battery voltage: More than 12.9V (At idle)
 - Transmission: Warmed up
 - After reprogramming is complete, you will be required to perform Throttle Valve Closed Position, Idle Air Volume Learn, Accelerator Closed Position, and DTC erase.



Figure A

CAUTION:

- Connect the GR8 to the 12V battery and select <u>ECM Power Supply Mode</u>. If the vehicle battery voltage goes below <u>12.0V or above 15.5V</u> during reprogramming, <u>the ECM may be damaged</u>.
- Be sure to turn OFF all vehicle electrical loads such as exterior lights, interior lights, HVAC, blower, rear defogger, audio, NAVI, seat heater, steering wheel heater, etc. If a vehicle electrical load remains ON, <u>the ECM may be damaged</u>.
- Be sure to connect the AC Adapter.
 If the CONSULT PC battery voltage drops during reprogramming, the process will be interrupted and the ECM may be damaged.
- Turn OFF all external Bluetooth[®] devices (e.g., cell phones, printers, etc.) within range of the CONSULT PC and the VI. If Bluetooth[®] signal waves are within range of the CONSULT PC during reprogramming, reprogramming may be interrupted and the ECM may be damaged.

1. Connect the GR8 to the 12V battery and select ECM Power Supply Mode.

IMPORTANT: The engine cooling fans will run on high during the reprogramming process.

- 2. Turn the ignition ON with the engine OFF.
 - The engine must not start or run during the reprogramming procedure.
- 3. Connect the CONSULT PC to the vehicle using the plus Vehicle Interface (plus VI) to begin the reprogramming procedure.
- 4. Start C-III plus.
- 5. Wait for the plus VI to be recognized / connected.
 - The serial number will display when the plus VI is recognized / connected.
- 6. Select Re/programming, Configuration.

		_T-III plus Ver.83.20) VIN:-	Vehicle : -	Country : United States	
	Back	Home Print S	screen Capture Mode	Recorded Data	YI XI — _ XI	
	Connec	tion Status		Diagnosis Menu		
		Serial No.	Status	Diagnosis (O	ne System)	
VI is recognized	VI	2316951	Normal Mode/Wireless	Diagnosis (A		
	MI	-	\bigotimes			
			No connection	Re/programm	ling, Configuration	6
		Select VI/MI		Immobilizer		
	Applicat	ion Setting Sub mode	Language Setting	Maintenance		
	87 v	/DR				
,						

Figure 1

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

	强 CONSULT-III plus Ver.83.20	VIN:-	Vehicle : -	Cou Sta	untry : United tes
[Back	Screen Capture	rded Help ERT 14.6		
ç	Re/programming, Configuration		Precaution	icle Selection	
Ī	Precaution				
	Operating suggestions for reprog Please review the all of precaution touch "Next".	ramming, programming and s, and click the "Confirm" ch	C/U configration: eck box after confirming the	its points. And	
	Caution: 1. Follow the operation guide disp 2. "Back" and "Home" button ma -For reprogramming and program 1. Install the latest version of the C	layed on screen. y not be used on this flow. ming CONSULT-III plus sortware, re	programming/programming	data to this	
	CONSULT-III plus PC. 2. Preparation and read the servic	e manual or reprogramming	procedure sheet.		
	-For ECU Configuration 1. Need to write the configuration 2. If writing the wrong configuration	data to new ECU, after repla on data, ECU can not work. F	ce it. Please write the right data.	Step	
	-For ECU Configuration using man	nual mode		ting the 7	
	1. Confirm the vehicle's spec and i configuration data, ECU can not w 2. Operate the saving completely. I	its configuration spec, follow vork. Please write the right d to not abort without saving da	ing the service manual. If wri ata. ata.		
	1. Confirm the vehicle's spec and i configuration data, ECU can not w 2. Operate the saving completely. D	its configuration spec, followi vork. Please write the right d)o not abort without saving d	ing the service manual. If wri ata. ata.		Next

Figure 2

- 10. Use Automatic Selection (VIN) tab to select the vehicle (the screen in Figure 3 will display when complete).
- 11. Make sure **VIN or Chassis #** matches the vehicle's VIN.
- 12. If the correct VIN is displayed, select Confirm.

	CONSULT-III plus Ver.83.20 VIN:	- Vehicle : -	Country : United States
	Back Home Print Screen Capture	Measurement Mode Recorded Data	× • • • •
	Re/programming, Configuration	Vehicle Confirmation	
	Please confirm selected information and to	uch "Confirm". In case you want to select another vehic	cle,
Step 11 Verify here	VIN or Chassis #	1NABLARXEK&X00673	
	Vehicle Name :	ALTIMA	
	Model Year	2019MY	
		1/1	
			Change
		Step 12	Confirm

Figure 3

13. Select Confirm.



Figure 4

14. Select ENGINE.

CONSULT-III plus Ver.83.20	VIN:1N4BL4DV	6KC100673	Vehicle : ALT	IMA L34 20	19	Country : United States
Back Rime Print Screen	en ure Measuren Mode	nent Recorded Data	Help	14.6V	Yil vi	× = _ ×
Re/programming, Configuration	Input VIN	System	Selection	Operati	on Sele	ection 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.						
ENGINE	í Sten	EPS/DAST 3		ĺ		METER/M&A
MULTI AV	14	ABS			L	ASER/RADAR
3ch CAN GATEWAY		IPDM E/R			AU	TO DRIVE POS.
6ch CAN GATEWAY	AII		NITOR			всм
EHS/PKB	н	HEAD LAMP LEVELIZER				SONAR
1/2						

Figure 5

15. Select Reprogramming.

	G CONSULT-III plus Ver.83.20	VIN:1N4BL4DV6KC100673	Vehicle : ALTIMA L34 2019	Country : United States
	Back Fine Print Screen	Screen Capture	Image: Weight of the second	K 💻 🥅 🔀
	Re/programming, Configuration	System Selection Operati	ion Selection	6/6
	Operation Selection			
	Touch "Operation". In case over write current ECU, tou In case replacement of ECU, select	uch "Reprogramming". an operation in REPLACE ECU cat	egory.	
	REPROGRAMMING			
Step 15	Reprogramming	In case you want to reprogr	ramming ECU, touch "Reprogramm	ing".
	Deplement OF FOU			
	Programming (Blank ECU)			
	Before ECU Replacement	After ECU Repla	acement	J Replacement", part number is saved
	VEHICLE CONFIGURATION			
	Before ECU Replacement	After ECU Repla	acement	J Replacement", configuration data is

Figure 6

- 16. When you get to the screen shown in Figure 7, confirm this bulletin applies as follows.
 - A. Find the ECM **Part Number** and write it on the repair order.

NOTE: This is the current ECM Part Number (P/N).

CONSULT-III plus Ver.83.20 VII	1:1N4BL4DV6KC100673	Vehicle : ALTIMA L34 2019	Country : United States		
Back Rime Print Screen Capture	Measurement Mode Recorded Data	Image: Weight Help Image:	I 💥 💻 🥅 🔀		
Re/programming, Configuration	ration Selection	ECU Data	7/7		
Save ECU Data					
Touch "Save" to save operation log and the current part number as listed below to CONSULT. Operation log helps to restart next operation by selecting suitable operation log. Operation log is erased after operation has completely finished.					
File Label	1N4	BLXDIV8HXXX100873			
Operation	RE	EPROGRAMMING			
System 16A: <u>Current</u> EC	SM P/N	ENGINE			
Part Number		23710-66856C			
Vehicle		L34ALTIMA			
VIN	1№4	BLAQX8KQ100673			
Date	10/2	23/2018 2:27:01 PM	Save		

Figure 7

- B. Compare the P/N you wrote down to the numbers in the **Current ECM Part Number** column in **Table A**, below.
 - If there is a <u>match</u>, continue with the reprogramming procedure. Proceed to Step 17.
 - If there is <u>not a match</u>, reprogramming is not needed or it has already been done. Proceed to **CLAIMS INFORMATION** section for "Does Not Require ECM Reprogram".

Table A

MODEL	CURRENT ECM PART NUMBER:
2019 Altima 23703-	6CA3A
2019 Altima 23710-	6CA7A, 6CA7B, 6CA7C, 6CA9A, 6CA9B, 6CA9C, 6CB5A, 6CB5B, 6CB5C, 6CB8A, 6CB8B, 6CC2A, 6CC2B

- 17. Use arrows (if needed) to view and read all precautions.
- 18. Check the box confirming the precautions have been read.
- 19. Select Next.

CONSULT-III plus Ver.83.20	VIN:1N4BL4DV6KC100673	Vehicle : ALTIMA L34 2019	Country : United States
Back Rome Print Scree	n Screen Measurement Recorded Data	Help LAC TIL X	
Re/programming, Configuration	Save ECU Data	Precaution Select Program Dat	a 8/10
Precaution			
Operating suggestions: If the reprogramming/programm usable. Please review the all of precaut	ning is unsuccessful, ECU software n tions, and click the "Confirm" check l	nay be damaged and ECU is no long box after confirming the its points.	r 🔨
4. DO NOT set the A/C timer of <during reprogramming=""> Never touch the CONSULT-III Never depress the brake pedal Never open each door of trunk</during>	r A/C remote control system. plus components to prevent cable di or turn the steering wheel. rid	isconnection.	
			_
		Step	
Confirmed instructio	ns	2/2	Next V
1	Figure	8	

- 20. Read the **Current Part Number** and **Part Number After Reprogramming**. For this ECM reprogram, the numbers could be the same or different.
- 21. Select Next.

CONSULT-III plus Ver.83.20 VI	N:1N4BL4DV6KC100673	Vehicle : ALTIN	IA L34 2019		Country : United States	
Back Home Print Screen Capture	Measurement Mode	Help	14.6V VI	× I MI		
Re/programming, Configuration	Precaution	Program Data	Confirm Ver Condition	nicle n	9/10	
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.						
		\frown			Step 20	
Part Number After Repro/programming 🛩		- 23710-6& B &&		Th	ese numbers	
Current Part Number		23710-6% 205%		C	ould be the	
Vehicle		ALTIMA L34		5411		
VIN	11%	401402/61/220067	X			
System		ENGINE				
Other Information	(023)_NAM_2WD_	T3B30_OBD‡U_IC FEB_TJP_SSA	C_FEB_LDP_	P-	Re-select	
Expected time to finish re/programming		20min	Step		Next	
			21			

Figure 9

IMPORTANT:

- In some cases, more than one new P/N for reprogramming is available.
 - > In this case, the screen in Figure 10 displays.
 - 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). Refer to the CLAIMS INFORMATION and submit a claim using OP-CODE PC6631 (Does Not Require ECM Reprogram).

CONSULT-III plus Ver.	VIN:	Vehicle :		Country : U.S.A.
Back Home Prin	nt Screen Capture Mode	Recorded Help	11.8V VI MI	
Re/programming, Configuration	Precaution	Select Program Data	Confirm Vehicle Condition	9/11
Select Program Data				
Touch and select the rep In case no reprog/program reprog/programming data	rog/programming data listed b mming data is listed below, con in CONSULT.	elow. fīrm the vehicle selection, VIN	and	
System	ENGINE			
Current Part Number	Part Number After Re	pro/programming (Other Information	
XXXXXXX-XXXXXXXX	XXXXXX-XXXXXXX	xxxxxxxxx	000000000000000000000000000000000000000	
XXXXXX-XXXXXXX	XXXXXX-XXXXXXX	20000000	000000000000000000000000000000000000000	
			0/0	Next

Figure 10

- 22. Make sure **OK** is highlighted **green** (battery voltage must be between **12.0 and 15.5 Volts**).
- 23. 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.

CONSULT-III plus Ver.83.20	VIN:1N4BL4DV6KC100673	Vehicle : ALTIMA 100004	Country : United States
Back Rime Print Screen	Screen Capture	Help ER 14.6V	
Re/programming, Configuration	Select Program Data	firm Vehicle condition	
Confirm Vehicle Condition			Monitor battery voltage here
Operate according to the following p	rocedures.		
1			
Remove the terminal caps of batter	ry, and connect battery charger to b	attery.	
2 Adjust the battery charger output	so that the vehicle battery voltage is	between 12.0V and	
13.5V. The vehicle battery voltage	s shown on the top-right of this scr	een	
3			
Confirm the RESULT is OK, touch	"Next".		
		Step	
		22	
			Next
Result	ок	23	

Figure 11

24. Make sure **OK** is highlighted green for all Judgements, then Select Start.

GI CONSULT-III plus Ver.71.50	VIN:JN1FV	7AP4JM460016	Vehicle : INFINIT	aou vo. 2018	Country : United States
Back Home Print Screen	Screen Capture	Burement Mode	d Rep ET	← / × I	
Re/programming, Configuration	Select Progra	m Data	Confirm Vehicle	Тих рат	
Confirm Vehicle Condition					onitor battery
	P-4-4 1 - 1	· · · · · · · · · · · · · · · · · · ·			voltage nere
Then, confirm that judgment for al	listed below, se litems indicate	t the vehicle co OK, and touch '	Start". In case the veh	icle condition is	
out of range, reprogramming or pro	ogramming may	stop.			
Monitor Item	Value	Unit	Judgment	Condition	
BATTERY VOLTAGE	14.5	v	ок		
IGNITION SW	On		ок	On	
BATTERY VOLT	14	v	ок	>=10.48	
LOAD SIGNAL	Off		ок	Off	Step
ENG SPEED	0	rpm	ок	0	
HEATER FAN SW	Off		ок	Off	
FAN DUTY	0	%	ок	0	
					Start

Figure 12

- Before reprogramming will start, you will be required to enter your User Name and Password.
 - > The CONSULT PC must be connected to the Internet (Wi-Fi or cable).
 - > If you do not know your User Name and Password, contact your Service Manager.
- **NOTE:** After your User Name and Password are verified, the reprogramming process will begin when **Submit** is selected.

CONSULT-III plus Ver.83.20	VIN:1N4BL4DV6KC100673	Vehicle : ALTIMA L34 2019	Country : United States
Back Print Screen	Screen Capture Measurement Mode Recorded Data	Image: Weight Help Image:	× • • • •
Re/programming, Configuration	Confirm Vehicle Condition	thentication Transfer Dat	ta 11/12
User Authentication			
SECUREAUTH			
Daimler WS			
	Please enter your UserID below.		
	Username:		
	Submit		
Restart Login			
	Copyright 2015 SecureAuth Corp. A	ll rights reserved.	

Figure 13

25. When the screen in Figure 14 displays, reprogramming is complete.

NOTE: If the screen in Figure 14 does <u>not</u> display (reprogramming does <u>not</u> complete), refer to the information on page 12.

- 26. Disconnect the GR8 (battery charger) from the vehicle.
- 27. Select Next.



Figure 14

NOTE:

- In the next steps, starting on page 13, you will perform Throttle Valve Closed Position, Idle Air Volume Learn, Accelerator Closed Position, and DTC erase.
- These operations are required before C-III plus will provide the final reprogramming confirmation report.

ECM recovery:

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

If reprogramming does <u>not</u> complete and the "!?" icon displays as shown in Figure 15:

- Check battery voltage (12.0–15.5 V).
- Ignition is ON, engine 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</u> on first attempt and can be selected more than once.

CONSULT II pue Ve	SVN GOODTI	TTT / Webler		County : Japan
Bark Bane Print Screen	Stan Mode	serther Data	12.3V VI MI	
So renigiation	Trente Cala	Confirm Result		1313
Confirm Result				
Reprogramming or progamming is not operation on his ECU. Touch "Reny" to letty reprogramming o	completed propertly, bu r programming.	t you can retry reprog/	programming	R
Part number after Reproc/programming		284B2-XXXX	x	
Part number selore Reprog/programming		26482-XXXXX		
Vehicle		QASHQAI		
VIN		SJNFDNJ10U10	0000	
System		BCM		
Date		26/07/2011 16.3	0.00	Petry
Error Gode				

Figure 15

If reprogramming does <u>not</u> complete and the "X" icon displays as shown in Figure 16:

- Check battery voltage (12.0 15.5 V).
- CONSULT A/C adapter is plugged in.
- Ignition is ON, engine OFF.
- Transmission is in Park.
- All C-III plus / VI cables are securely connected.
- All C-III plus updates are installed.
- Select <u>Home</u>, and restart the reprogram procedure from the beginning.

	MN .	Vehicle ; QASHQAJ	County : Japan
Baile Hone Phit Screer	Streen Gashin Massionert	Rectricid State	💭 💥 🖿 🛄 🔀
Redprograming.	Transfer Data	Carlin Resul	849
onfirm Result			
Reprogramming is not completed p Print this screen as needed. Confi with procedure. Restart CONSULT with disconrec	roperly. Im CONSULT version, IG tng VI once, and start th	W/Power switch position, shift position a reprogramming again.	in and etc
Part, number after Recres/programming		284E2-XXXXX	
Cunerit part number		284B2-XXXXX	
Current part number		284E2-XXXXX QASHQAI	
Cuneri part number Velicle VIN		28482-XXXXX QASHQAI SJNFDNJ10U100000	
Current part number Vehicle VIN System		28482-XXXXX QASHQAI SUNFDNJ19U100000 BCM	
Current part number Vehicle VIN System Date		28482-XXXXX QASHQAI SUNFDNJ10U100000 BCM 25/07/2011 16:30:00	
Current part number Velkola VIN System Dete Information		28482-XXXXX QASHQAI SUNFDNU10U100000 BCM 29/07/29/1116/30/00	



28. Perform Throttle Valve Closed Position procedure.

• Follow the on-screen instructions (1, 2, and 3) to complete the procedure.

	G CONSULT-III plus Ver.83.20	VIN:1N4BL4DV6KC100673	Vehicle : ALTIMA L34 2019	Country : United States
	Back Home Print Screen	Screen Capture Mode Recorded Data	Image: Weight Heip Image:	× • • • •
	Re/programming, Configuration	Confirm Result	e Valve Closed Idle Air Volum Position Learning	le 14/17
	Throttle Valve Closed Position			
	Operate according to the following	procedures.		
(1			
	Make sure that accelerator pedal down of 10 seconds starts.	is fully released, turn ignition ON, an	d turn ignition OFF. And then the cou	int
	Current status of ignition switch	ON		
28	Time			
	2 Make sure that throttle valve mov	ves during count down of 10 seconds	by confirming the operating sound.	
l	3 Turn Power switch / janition SW	to the ON position, and touch "Next"	to go to next operation.	
				Next
	<u>, </u>			

Figure 17

29. Perform Idle Air Volume Learn (IAVL).

a. Start the engine and let it idle.

b. Select Next.

CONSULT-III plus Ver.83.20	VIN:1N4BL4DV6	KC100673	Vehicle : ALTI	MA L34 2019	Co Sta	ountry : United
Image: Back Image: Back	Screen Capture	ent Recorded Data	Help	14.6V VI	MI	•
Re/programming, Configuration	Throttle Valve Clos Position	ed Idle	Air Volume earning	Accelerator P Closed Positi	edal ion	15/17
Idle Air Volume Learning						
After replacing ETC, ECM or VVEL E In case idle speed or ignition timing i	CU/actuator sub s out of specificati	assy. ion.				Next
Current status			Wai	ting for your ope	ration	Step
Monitor Item						296
PW/ST SIGNAL						
CLOSED LOOP						
LOAD SIGNAL						
AIR COND SIG						
P/N POSI SW						
HEATER FAN SW						
VHCL SPEED SE				km/h		
				1/2		

Figure 18

c. Select Start.

G CONSULT-III plus Ver.83.20	VIN:1N4BL4DV6KC100673	Vehicle : ALTIMA L	.34 2019	Country : United States
Back Back Print Screen	xreen ppture Mode Record Date	ed Help	(4.6V VI MI	
Re/programming, Configuration	hrottle Valve Closed Position	Idle Air Volume A Learning	ccelerator Pedal Closed Position	15/17
Idle Air Volume Learning				
After replacing ETC, ECM or VVEL EC In case idle speed or ignition timing is o	U/actuator sub assy. out of specification.			Start
Current status		Waiting f	for your operation.	Step 29c
Monitor Item				
COOLANT TEMP/S		32 °C		
BATTERY VOLT		14.08 V		
		21	2	

Figure 19

d. Wait for IAVL to complete (Screen in Figure 21 will be displayed).

CONSULT-III plus Ver.83.20	VIN:1N4BL4DV6	KC100673	Vehicle : ALTIN	IA L34 2019	Country States	: United
Back Rome Print Screen	Screen Capture	ent Recorded Data	Help	14.6V VI	х 🖿 [
Re/programming, Configuration	Throttle Valve Clos Position	sed Idle	Air Volume earning	Accelerator Po Closed Positi	edal ion	15/17
Idle Air Volume Learning						
After replacing ETC, ECM or VVEL ECU/actuator sub assy. In case idle speed or ignition timing is out of specification.						
Current status				EXECU		Step 29d
Monitor Item						
COOLANT TEMP/S			71	°C		
BATTERY VOLT			14.08	V		
				2/2		

Figure 20

NOTE:

- Listed below are common required conditions for IAVL to complete.
- If IAVL does not complete within a few minutes, a condition may be out of range.
- Refer to the appropriate Electronic Service Manual (ESM) for specific conditions required for the vehicle you are working on.
 - Engine coolant temperature: 70 100° C (158 212°F)
 - Battery voltage: More than 12.9V (At idle)
 - Selector lever: P or N
 - > Electric load switch: OFF (Air conditioner, headlamp, rear window defogger)
 - Steering wheel: Neutral (Straight-ahead position)
 - Vehicle speed: Stopped
 - Transmission: Warmed up

e. Select Next.

CONSULT-III plus Ver.83.20	VIN:1N4BL4DV6KC100673	Vehicle : ALTIMA L34 2019	Country : United States
Back Back Print Screen	reen pture Measurement Mode Recorded Data	Help ERT CASE VI	× • • • •
Re/programming, Configuration	hrottle Valve Closed Idle Air V Position Learn	Accelerator P ning Closed Posit	edal
Idle Air Volume Learning			
After replacing ETC, ECM or VVEL EC In case idle speed or ignition timing is o	U/actuator sub assy. out of specification.		Retry
Current status		CON	IPLETE
Monitor Item			
COOLANT TEMP/S		72 °C	
BATTERY VOLT		13.92 V	
		Step 29e 2/2	Next

Figure 21

Continue to the next page.

30. Follow the on screen instructions to complete **Accelerator Pedal Close Position** Learning.

	CONSULT-III plus Ver.83.20	VIN:1N4BL4DV6KC100673	Vehicle : ALTIMA L34 2019	Country : United States
	Back Home Print Screen	Screen Capture	ed Peip ERT Constant of the second se	× • • • •
	Re/programming, Configuration	Idle Air Volume Learning	Confirmation St Closed Position	art 16/17
	Accelerator Pedal Closed Position	I		
Step 30	According to the instruction be 1. Turn ignition switch to the OF 2. Turn ignition switch to the OF 3. Repeat the procedure (1) and 4. Turn ignition switch to the OFF	low, perform Accelerator Pedal (FF position, and hold it for 10 se N position, and hold it for 2 seco I (2) twice. F position.	Close Position Learning procedure. conds or more. nds or more.	
	Current status of ignition switch	ON		
	Time (sec)			
	IGN SW ON	2 sec	2 sec 2 sec	
	IGN SW OFF	10 sec	10 sec	

Figure 22

31. Confirm engine start-up.

a. Select Next.

CONSULT-III plus Ver.83.20	VIN:1N4BL4DV6KC100673	Vehicle : ALTIMA L34 20)19	Country : United States
Back Bone Print Screen	Screen Capture Measurement Mode	Help Land Land Land Land Land Land Land Land	VI MI	
Re/programming, Configuration	Accelerator Pedal Confir Closed Position up	mation Start Engine		17/17
Confirmation Start up Engine				
Operate according to the followi	ng procedures.			
1 Conform that the engine starts	s normally.			
-				
2 Conform the opgine keeps idli	na normally			
Conform the engine keeps for	ng normany.			
3				
rouch "Next" to go to next op	aration.			
Precautions	and in case engine can NOT keep idlin	a normally, complete all	of the	
operation at once, and perform	ne in case engine can NOT keep idin necessary diagnosis and repair.	ig normally, complete all t		
				Next

Figure 23

32. Erase all DTCs as follows:

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

CONSULT-III plus Ver.83.20	VIN:1N4BL4DV6KC100673	Vehicle : ALTIMA L34 2019	Country : United States
Back Home Print Screen	Screen Capture	d () Help () ERT (14.5V	VI MI 🗖 🥅
Re/programming, Configuration	Confirmation Start up Engine	Frase All DTCs Print R Operation	tesult / Complete 18/19
Erase All DTCs			
According to the instruction below	, erase All DTCs.		
1 Turn ignition switch / power swi	tch to the OFF position.	(
Current status of ignition switch	ON		
Turn iç	gnition ON > OI	FF > ON	

Figure 24

33. Print a copy of this screen (Figure 25) and attach it to the repair order.

NOTE: The before and after part numbers may be the same or different.

34. Select Confirm.

CONSULT-III plus Ver.83.20	VIN:1N4BL4DV6KC100673	Vehicle : ALTIMA L34 2019	Country : United States			
Back Home Print Screen	Screen apture Measurement Mode Recorded Data	Help ERT 12.9V VI	х —			
Re/programming, Configuration	Erase All DTCs Operation	: Result / on Complete	19/19			
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		23710-6028850X				
Part number before Reprog/programming		23710-802806CX				
Vehicle		L34 ALTIMA				
VIN	1N48	3140006860000683	Print			
System		ENGINE				
Date	10/23	3/2018 3:28:04 PM	Other Operation			
Step 34 Confirm						

Figure 25

NOTE: If you cannot print the above screen:

- a. Select Screen Capture.
- b. Name the file.
- c. Save the file in My Documents.
- A copy of the screen is now saved in the CONSULT PC. It can be retrieved and printed at a later time.
- 35. Close C-III plus.
- 36. Turn the ignition OFF.
- 37. Disconnect the plus VI from the vehicle.
- 38. Repair is complete, submit a warranty claim per the **CLAIMS INFORMATION**.

CLAIMS INFORMATION

Submit claim using the following claims coding:

Work Order Line Type: "CM" Campaign

Campaign: PC663

Claim Type:	СМ			
PNC:	PC663			
Symptom:	ZZ			
Diagnosis:	99			
Description:	Op Codes	Flat Rate Time	Parts Required on claim	Expense Code Required
Reprogram ECM	PC6630	0.4 Hr	No	No
Does Not Require ECM Reprogram	PC6631	0.3 Hr	No	No