

# NISSAN BULLETIN ECM Reprogram Dealer Service Action

Reference: PC479 Date: August 16, 2016

Attention: Dealer Principal, Sales, Service & Parts Managers

Affected	Affected	Dealer	SERVICE COMM
Models/Years:	Population:	Inventory:	Activation date:
MY16 Frontier (D40)	NA	103	August 16, 2016

#### \*\*\*\*\*Dealer Announcement\*\*\*\*

Nissan is conducting a dealer inventory service action to update Electronic Control Module (ECM) software on **103** specific 2016 Frontier vehicles identified in Service Comm. The incorrect ECM ROM (Read Only Memory) data was installed on the affected vehicles.

These vehicles are either currently in dealer inventory or assigned and in transit to the dealer.

Vehicles are **<u>not</u>** subject to stop sale. Nissan requests dealers to complete this software update prior to sale to ensure customer satisfaction.

#### \*\*\*\*\*What Dealers Should Do\*\*\*\*\*

#### PLEASE FOLLOW THE ATTACHED REPAIR INSTRUCTIONS:

- 1. Verify if vehicles currently in new dealer inventory are affected by this service action using Service Comm **I.D. PC479.** 
  - <u>New vehicles in dealer inventory can be also be identified using DCS</u> <u>(Sales-> Vehicle Inventory, and filter by Open Campaign). Please</u> <u>continue to check newly arriving inventory for campaign applicability.</u>
     Refer to NPSB 15-460 for additional information
- 2. Use the attached procedure to install the updated software.
- 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 using the appropriate campaign I.D for the inspection status on each affected vehicle currently in new vehicle inventory. Nissan requests dealers to perform this repair on new vehicles in inventory prior to being retailed to ensure customer satisfaction.

#### NISSAN NORTH AMERICA, INC.

Aftersales DIVISION



# **PC479** Frontier (D40) ECM OBD Software Update

## ECM Reprogramming Procedure

- Vehicles Conditioning for ECM Reprogramming
  - Engine coolant temperature: 70 100°C (158 – 212°F)
  - Battery voltage: More than 12.9V (At idle)
  - Transmission: Warmed up

# NOTE:

- After reprogramming is complete, you will be required to perform Throttle Valve Closed Position, Idle Air Volume Learn (IAVL), Accelerator Closed Position, and DTC erase.
- The above conditions are required for the IAVL to complete.
- 1. Connect the plus Vehicle Interface (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 securly connected. If the plus VI connection is loose during reprogramming, the process will be interrupted and the **ECM 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 **ECM may be damaged**.

## 3. Connect a battery charger to the vehicle battery:

For Conventional Vehicles

• 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 **ECM may be damaged**.

4. Turn off all external Bluetooth<sup>®</sup> 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<sup>®</sup> devices. If Bluetooth<sup>®</sup> signal waves are within range of the CONSULT PC and the VI during reprogramming, reprogramming may be interrupted, and the **ECM may be damaged**.

- 5. Turn the ignition ON with the engine OFF or "not ready".
  - The engine must not start or run during the reprogramming procedure.
- 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.

**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 **ECM may be damaged**.

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

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

	CONSU	JLT-III plus Ver.V12.	12.00 VIN:-	Vehicle : -	Country : U.S.A.
	<b>H</b> Back	Home Print S	icreen Capture Mode	Recorded Bata	
	Conne	ction Status –		Diagnosis Menu	
		Serial No.	Status	Diagnosis (C	One System)
Plus VI is	VI	2300727	∞»)))		
recognized		2300727	Normal Mode/Wireless connection	Diagnosis (A	All Systems)
	м	_	$\otimes$		
			No connection	Re/program	ning, Configuration
	8 0				
	10	Select VI/IVII			
	Applica	tion Setting			
	SUB	Sub mode	ABC Language Setting	Maintenance	•
				-) [	
	S.	VDR			
			Fi	igure 1	

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

CONSL	ILT-III plus Ver.V12	2.12.00 VIN:-	Vehicle : -	Country : U.S.A.	
<b>æ</b> Back	Home Print	Screen Capture Mode	Recorded Help	KI 🗙 🖿 🔚 🔀	
Conne	ction Status -		Diagnosis Menu		
	Serial No.	Status	Diagnosis (One	e System)	
VI	2300727	کر ا Normal Mode/Wireless connection	Diagnosis (All	Systems)	
MI		$\bigcirc$			
		No connection	Re/programmin	ng, Configuration	L Step
P.S	Select VI/M	ſ			
Applica	tion Setting Sub mode	Language Setting	Maintenance		
37	VDR				

Figure 2

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

	G CONSULT-III plus Ver.V13.12.00	VIN:-	Vehicle : -	Country :	U.S.A.	
	Back Home Print Screen	icreen apture Mode Recorded Data	Image: Weight of the second	) 🔑 🗙 🖿 📔		
	Re/programming, Configuration	Р	recaution	cle Selection	]	
	Precaution					
	Operating suggestions for reprogram Please review the all of precautions, a touch "Next".	nming, programming and C/U and click the "Confirm" check I	configration: box after confirming the it	ts points. And		
	Caution: 1. Follow the operation guide display 2. "Back" and "Home" button may n -For reprogramming and programming 1. Install the latest version of the CON CONSULT-III plus PC. 2. Preparation and read the service r -For ECU Configuration 1. Need to write the configuration dat 2. If writing the wrong configuration -For ECU Configuration using manual -For ECU Configuration using manual	red on screen. ot be used on this flow. ISULT-III plus sortware, reprog nanual or reprogramming proc ta to new ECU, after replace it. data, ECU can not work. Pleas	ramming/programming d edure sheet. e write the right data.	ata to this Step 11		
Step 12	1. Confirm the vehicle's spec and its configuration data, ECU can not wor 2. Operate the saving completely. Do	configuration spec, following the k. Please write the right data. not abort without saving data.	ne service manual. If writ	ing the wrong		Step
Σ	Confirmed instructions		1/1		Next	13
<u> </u>		<b>C</b> :	<u> </u>			

Figure 3

14. Select Nissan, Vehicle Name, and then the correct Model Year.

• If the screen in Figure 4 does not display, skip to step 15.

<u>-</u> (	Back Home	Print Screen Captur	Precaution	Vehicle Selection	L2.2V VI MI Vehicle Confirmation	
	Automatic S	election(VIN)	Manual Select	ion(Vehicle Name)	$\mathbf{i}$	
Step	Vehicle Name :				Model Year :	Sales Channel
	*MURANO Camp:P8201	JUKE	QUEST			NISSAN
	350Z	LEAF	ROGUE		Step	INFINITI
	370Z	MAXIMA	SENTRA		14	
	370Z Convertible		TITAN			
	ALTIMA	Example	TITAN			
	ALTIMA Hybrid	NISSAN GT-R	VERSA Hatchback			
	ARMADA	NV	VERSA Sedan			
	CUBE	PATHFINDER	XTERRA			CLEAR
	FRONTIER	PATHFINDER ARMADA	X-TRAIL			Calaat
				1/1	0/0	Select

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

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

	Back         Imme         Print Screen         Screen Screen Capture           Re/programming, Configuration         Vehic	Messerenert Messe	
Step 15 Verify here	VIN or Chassis # Vehicle Name :	<b>₩</b> ₩ <b>₩</b> 2 <b>₩</b> 15 <b>₩</b> 12 <b>₩</b> 4 ₩7 <b>1</b> ₩	
	Model Year		
		Step 16	Change

## Figure 5

# 17. Select Confirm.

Back Back Print Screen Capture Mode Recorded Data	
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 17	Confirm

# 18. Select ENGINE.

		infilmouther 2012 Country C.S.A.
Back Rome Print Screen Capture	Measurement Mode	🚓 🌇 🗙 🖿 🔛 🔀
Configuration	Input VIN System Selection	Operation Selection 5/6
System Selection		
Touch "system". In case ECU you want to operate is not list	ed below, the vehicle or model year migh	t be selected wrong.
ENGINE	METER/M&A	HVAC
MULTI AV	Step 18	TRANSMISSION
ABS	CAN GATEWAY	
IPDM E/R	EV/HEV	]
HEAD LAMP LEVELIZER	AIR BAG	]
		1/1
	Einung 7	

Figure 7

# 19. Select Reprogramming.

	Back     Image: Back
	Operation Selection
	Touch "Operation". In case over write current ECU, touch "Reprogramming". In case replacement of ECU, select an operation in REPLACE ECU category.
	REPROGRAMMING
Step 19	Reprogramming
	Replacement OF ECU
	Programming (Blank ECU)
	Programming In case you want to replace ECU, you should operate followings. Before replace ECU, ECU data is saved to CONSULT. After replace ECU, CONSULT writes ECU data and programming data.
	VEHICLE CONFIGURATION
	Read / Write Configuration Manual Configuration

20. Find the ECM Part Number (see Figure 9) and write it on the repair order.

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

Back Home Print Screen Capture	Measurement Mode Recorded Data Provide Help 11.8V VI MI	
Save ECU Data Touch "Save" to save operation log and th Operation log helps to restart next operation after operation has completely finished.	e current part number as listed below to CONSULT. n by selecting suitable operation log. Operation log is erased	
File Label	<b>UNUEN1 JP IIC III 9110 III 4</b>	
Operation		
System		
Part Number 20		
Vehicle	<b>MEY WE 1 MAI FRAN NATT AN TSAN</b> Fran	
VIN	<b>sin sin Exist sin Principle Sin 4</b>	
Date	11/1/2011 1:22:16 AM	Save

Figure 9

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>, this <u>bulletin applies</u>. Continue with the reprogramming procedure.
- If there is <u>not a match</u>, refer to the Claims Information and submit a claim using OP-CODE PC4791 (ECM Reprogram Not Needed).

Tabl	е	A
------	---	---

Model	Current <u>ECM</u> Part Number: 23710 -		
2016 Frontier	9BN0A, 9BN2A, 9BN1A, 9BN3A, 9BN0B, 9BN2B, 9BN1B, 9BN3B, 9BN92, 9BN2B, 9BN1B, 9BN3B,		
	9BN0C, 9BN2C, 9BN1C, 9BN3C		

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

	CONSOL I HILPIUS VELVIS. 12.	00 9114.5141742421177419501204	Venicle . 0702 204 2010	Country, C.S.A.	1
	Back Home Print Scre	en Screen Measurement Recorded Data	Help 12.1V VI	" 🗙 🖿 🦲 🔀	
	Re/programming, Configuration	Save ECU Data	Precaution Select Progr	am Data 8/11	
	Precaution				
	Operating suggestions: If the reprogramming/program usable. Please review the all of precau	ming is unsuccessful, ECU software r itions, and click the "Confirm" check	nay be damaged and ECU is no	nts.	
	4 DO NOT set the A/C times of	r AIC remote control system			
	<during reprogramming=""> Never touch the CONSULT-III Never depress the brake peda Never open each door or trunk</during>	plus components to prevent cable d I or turn the steering wheel. rid.	isconnection.		
Step			S	itep 21	
22				Next	Step
4	Confirmed instruction	ons	212		
	1	Figure	10		J

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

		Venicle . 07 02 20	4 20 10	oounny. o.o.n.
Back Rime Print Screen	en Measurement Mode	<b>P</b> Help	( ) 12.1V VI I	
Re/programming, Configuration	Precaution	Program Data	Confirm Vehicle Condition	9/11
Select Program Data				
Confirm the detail listed below, and tour -In case the screen to select reprog/prog vehicle. -In case the part number after reprogram selection, VIN and reprog/programming c	:h "Next" if OK. ,ramming data is NOT display ming is wrong, touch "Re-se lata in CONSULT.	yed, only one data elect'', and confirm	is available for th	his
		$\frown$		Step 24
Part Number After Repro/programming <del>~</del>		■ <b>37</b> ■0- <b>■E</b> , <b>ℝ</b> E		These numbers
Current Part Number			•	should be different
Vehicle		234 878Z		
VIN	<b>J</b> ,1	<b>18 Z HEHKAN15 101 210</b> 4		
System				
Other Information	-	<b>■</b> 11 <b>■</b> J <b>■</b> E. <b>●</b> at■		Re-select
Expected time to finish re/programming		10min	Step	Next
			25	

• If you get this screen and it is blank (no reprogramming listed), it means there is no matching ECM reprogramming available for this vehicle. If there is <u>not a match</u>, refer to the Claims Information and submit a claim using OP-CODE PC4791 (ECM Reprogram Not Needed).

Back Home Prin Home Prin Re/programming, Configuration	tt Screen Capture Measurement Mode	Recorded Data	ata	9/11		
Select Program Data Touch and select the reprog/programming data listed below. In case no reprog/programming data is listed below, confirm the vehicle selection, VIN and reprog/programming data in CONSULT.						
System	<b>VENIGIA</b>	]				
Current Part Number	Part Number After Repr	Part Number After Repro/programming Other Information		7		
xxxxx-xxxxx xxxxx-xxxxx	xxxxx-xxxxx xxxxx-xxxxx	XXXXXXX XXXXXXXX	xxxxxxxxxxxxxxx xxxxxxxxxxxxxx			
			0/0	Next		

Figure 12

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

27. 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	🚓 🚽 X 🖿 📃 🔀
Re/programming, Configuration Select Program Data Confirm Vehicle Condition	Trans Data
Confirm Vehicle Condition	
	Monitor battery
Operate according to the following procedures.	voltage nere
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 18.5V. The vehicle battery voltage is shown on the top-right of this screen	A CONTRACTOR
4 1954 B 64	SE SA
3	
Confirm the RESULT is OK, touch "Next".	
Step 26	
	Step Next
Result OK	
,	

Figure 13

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

### 28. Select Start.

Back Re/programming, Configuration	Screen Capture Select Progr	issurement Mode am Data	d Pep ET	12.5V V MI	
Confirm Vehicle Condition Confirm the vehicle condition as Then, confirm that judgment for a out of range, reprogramming or p	listed below, so Il items indicate rogramming may	et the vehicle co OK, and touch " y stop.	ndition correctly. 'Start''. In case the veh	icle conditio	onitor battery voltage here
Monitor Item	Value	Unit	Judgment	Condition	
BATTERY VOLTAGE	12.4	v	ок		
IGNITION SW	On		ок	On	
BATTERY VOLT	12	v	ок	>=10.48	Ston
LOAD SIGNAL	Off		ок	Off	28
ENG SPEED	0	rpm	ок	0	
HEATER FAN SW	Off		ок	Off	
FAN DUTY	0	%	ок	0	
	1	1		/1	Start

Figure 14

29. Wait for both progress bars to complete.



Figure 15

**NOTE:** If the message shown in Figure 16 appears, there is data stored in the plus VI. Select "**Yes**" to proceed with reprogramming.

CAUTION!!
There are still data in VI. Reprogramming function cannot be executed until the data are erased. Do you want to erase data in VI?
If you do not want to erase the data, please retry Reprogramming function after uploading VI data with [DataControl] function in [SubMode].
Figure 16

30. When the screen in Figure 17 displays, the reprogramming is complete.

**NOTE:** If the screen in Figure 17 does <u>not</u> display (reprogramming does <u>not</u> complete), refer to the information on the next page.

31. Disconnect the battery charger from the vehicle.

## 32. Select Next.



Figure 17

**NOTE:** Additional steps/operations are required before C-III plus will provide the final reprogramming confirmation report.

# If reprogramming does <u>not</u> complete and the "!?" symbol displays as shown in Figure 18:

- Check battery voltage (12.0 15.5V).
- Ignition is ON, Ready Mode is OFF.
- External Bluetooth<sup>®</sup> 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 2011	Country : U.S.A.					
Back Back Print Screen	Messrement Mode Data	× = _ X					
Re/programming, 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	283B0						
Current Part Number	283B0						
Vehicle	ZE0LEAF						
VIN	JN1AZ0CP <sub>x</sub> BTxxxxx						
System	TRE EMATION						
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					

Figure 18

If reprogramming does <u>not</u> complete and the "X" symbol displays as shown in Figure 19:

- 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.

CT CONSULT-III plus Ver.V14.21.00 V	N:- Vehicle : -	Country : U.S.A.					
Back Rome Print Screen	Mossurement Model Recorded Data	x 💻 🥅 🔀					
Configuration	ransfer Data	2/2					
Confirm Result							
Reprogramming or programming is not completed properly. ECU has been broken, and impossible to reuse anymore. Touch "Home" to back to Home Screen, replace ECU with Service Manual.							
Part number after Reprog/programming	283B0						
Current Part Number	283B0						
Vehicle	ZEOLEAF						
VIN	JN1AZ0CPxBTxxxxxx						
System	XEREDOOD/EDEXX						
Date	1/26/20XX 4:29:18 PM						
Other Information	6.26=>6.27						
Error Code		Print					

Figure 19

33. Perform Throttle Valve Closed Position procedure.

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

	Back       Image: Back       <							
	Throttle Valve Closed Position							
	Operate according to the following procedures.							
ſ	1 Make sure that accelerator pedal is fully released, turn ignition ON, and turn ignition OFF. And then the count down of 10 seconds starts.							
Step	Current status of ignition switch							
33	Time							
	2 Make sure that throttle valve moves during count down of 10 seconds by confirming the operating sound.							
	3							
	Touch "Next" to go to next operation.	Next						
	<u> </u>							

Figure 20

34. For **ECM** reprogramming: Perform **Idle Air Volume Learn** (IAVL).

- a. Start the engine and let it idle.
- b. Select Next.

Back Re/programming,	reen hture Maasurement Mode hrottle Valve Closed	Rep orded ata	Accelerator Pedal	
Idle Air Volume Learning THIS FUNCTION ALLOWS THE ECM TO PROPER ENGINE SPEED AT IDLE. ALWAYS PERFORM THIS MODE AFTER WINDLE COREPORT ON THIS MODE AFTER	LEARN THE POSITION	OF THE IACV-AAC WHI	Closed Position CH MAINTAINS TLE BODY, ECM OR	Next
SEE SERVICE MANUAL FOR DETAILS.		Waitin	1/2	Stop
Monitor Item ENG SPEED			rpm	34b

Figure 21

c. Select Start.

d. Wait for IAVL to complete.

Back Home Print Screen	reen pture	Recorded Data	14.7V VI	× = _ ×
Re/programming, Configuration	hrottle Valve Closed Position	Idle Air Volume Learning	Accelerator Pe Closed Positi	edal on 14/16
Idle Air Volume Learning				
THIS FUNCTION ALLOWS THE ECM TO PROPER ENGINE SPEED AT IDLE. ALWAYS PERFORM THIS MODE AFTER WHEN IDLE SPEED OR IGNITION TIMI SEE SERVICE MANUAL FOR DETAILS	D LEARN THE POSITI R REPLACEMENT OF NG IS OUT OF SPECI	ON OF THE IACV-AAC FIACV-AAC VALVE, TH FICATION.	WHICH MAINTAINS	N OR Start
	è		1/2	
Current status		v	Vaiting for your oper	step
Monitor Item				34c
ENG SPEED			1175 rpm	

Figure 22

### 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.

Back Home Print Screen Sc	reen pture	Recorded Data	14.2V VI MI				
Re/programming, Configuration	hrottle Valve Closed Position	Idle Air Volume Learning	Accelerator Pedal Closed Position	14/16			
Idle Air Volume Learning							
THIS FUNCTION ALLOWS THE ECM TO LEARN THE POSITION OF THE IACV-AAC WHICH MAINTAINS PROPER ENGINE SPEED AT IDLE. ALWAYS PERFORM THIS MODE AFTER REPLACEMENT OF IACV-AAC VALVE, THROTTLE BODY, ECM OR WHEN IDLE SPEED OR IGNITION TIMING IS OUT OF SPECIFICATION. SEE SERVICE MANUAL FOR DETAILS.							
			1/2				
Current status			COMPLE	re			
Monitor Item							
ENG SPEED			638 rpm				
			Step 34e	Next			

Figure 23

35. For **ECM** reprogramming: Follow the on screen instructions to complete **Accelerator Pedal Close Position Learning**.



# 36. Confirm engine start-up.

a. Select Next.

CONSULT-III plus Ver.52.11	VIN:5N1AT2MV6GC734854	Vehicle : ROGUE T32 2016		Country : United States
Back Eight Home Print Screen	Screen Capture	Image: Weight Help         Image:		•
Re/programming, Configuration	Accelerator Pedal Closed Position	irmation Start Ip Engine		16/16
Confirmation Start up Engine				
Operate according to the following	procedures.			
1				1
Conform that the engine starts n	ormally.			
0				
Conform the engine keeps idling	normally.			
3				
Touch "Next" to go to next opera	ition.			
Precautions				
In case engine will NOT starts, and	d in case engine can NOT keep id!	ing normally, complete all of the	1	
operation at once, and perform nee	cessary diagnosis and repair.			
				Next

Figure 25

37. Erase all DTCs as follows:

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

Back Re/orogramming.	Screen Capture	Porded Help	13.6V VI MI	
Frase All DTCs	up Engine	Erase All DTCs	Operation Complete	17/18
According to the instruction below				
According to the instruction below, (	rase All DICS.			
1				
Turn ignition switch to the ON pos	ition, then All D I Cs are autom	iatically erased.	LOCK Y	COCK YE
			OFF	ON
Current status of ignition	OFF			
Switch				
	ON			
Turn ignitic	on ON > OFF	> ON		

Figure 26

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

39. Print a copy of this screen (Figure 27) and attach it to the repair order.

### 40. Select Confirm.

Back Back Print Screen	Messurement Mode Messurement Mode Messurement Messu	' 🗙 🖿 📃 🔀
Re/programming, Configuration	se All DTCs Print Result / Operation Complete	18/18
Print Result / Operation Complete		
All tasks are completed. Confirm LAN acce In case CONSULT can NOT immediately ac temporally storage of this page. Touch "Sci Data Folder" on desk top, and open the fold	ess, touch "Print" to print out this page. cess to LAN or printer, Screen Capture function is availal reen Capture", and save it. Screen capture data is in "CIII er named "ScreenImages".	ble for plus
Part number after Reprog/programming	tep <b>23</b> #10- <b>1</b> E02E	
Part number before Reprog/programming	\$8 <b>\$3</b> \$19-1€\$2	
Vehicle	<b>1</b> 23 <b>1</b> , 3 <b>1</b> 7 (92	
VIN	<b>U 1911 / UZ/HE INIX IA. MIS (19) 2004 U</b>	
System	ERGINE Step	Print
Date	11/3/2011 2:10:21 AM	
	Step 1/1 40	Confirm

Figure 27

**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.
- 41. Close C-III plus.
- 42. Turn the ignition OFF.
- 43. Disconnect the plus VI from the vehicle.

# **CLAIMS INFORMATION**

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

CAMPAIGN (CM) I.D. #	DESCRIPTION	OP CODE	FRT
PC479	ECM Reprogram	PC4790	0.5 hrs.

# OR

CAMPAIGN (CM) I.D. #	DESCRIPTION	OP CODE	FRT
PC479	ECM Reprogram Not Needed	PC4791	0.3 hrs.