

NISSAN BULLETIN ECM Reprogram Dealer Service Action

Reference: PC404 Date: October 23, 2015

Attention: Dealer Principal, Sales, Service & Parts Managers

Affected	Affected	Dealer	SERVICE COMM
Models/Years:	Population:	Inventory:	Activation date:
MY16 Rogue (T32)	NA	3,195	October 23 rd , 2015

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

Nissan is conducting a dealer inventory service action to update Electronic Control Module (ECM) software on **3,195** specific 2016 Rogue vehicles identified in Service Comm. On the affected vehicles, the ECM ROM (Read Only Memory) contains an error that prevents the MIL from illuminating if the tumble control valve position sensor fails. Emissions and vehicle drivability are not affected by this error, but the vehicles are non-compliant with On-Board Diagnostics regulations.

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

IMPORTANT: Dealers should not sell or trade any affected 2016 Rogue vehicles in dealer inventory subject to this service action until the ECM software has been updated.

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

PLEASE FOLLOW THE ATTACHED REPAIR INSTRUCTIONS:

- 1. Verify if vehicles currently in dealer inventory are affected by this inventory inspection using Service Comm **I.D. PC404.**
- 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 inventory. Nissan requests dealers to perform this repair on vehicles in inventory prior to being retailed to ensure compliance.

NISSAN NORTH AMERICA, INC.

Aftersales DIVISION

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[®] 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 **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	LT-III plus Ver.V12.	12.00 VIN:-	Vehicle : -	Country : U.S.A.
	Back	Home Print Se	sreen Screen Capture	Recorded Data	🖬 🗙 🖿 🥅 🔀
	Conne	ction Status —		Diagnosis Menu	
		Serial No.	Status	Diagnosis (O	ne System)
Plus VI is	vi	2300727	∞ ୬)))		
recognized	[Normal Mode/Wireless connection	Diagnosis (A	ll Systems)
	м	-	\otimes		
			No connection	Re/programm	ing, Configuration
	8.0	Select VI/MI			
		tion Setting		Maintenance	
	SUB	Sub mode	ABC Language Setting		
		VDR			
	1		F	Figure 1	

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

CC 🔝	ONSULT-III plus Ver.\	/12.12.00 VIN:-	Vehicle : -	Country : U.S.A.	
Back	Home	int Screen Capture Mode	Recorded Data	VI MI	J
Cor	nnection Status	;	Diagnosis Menu		
	Serial No.	Status	Diagnosis (Or	ne System)	
Ш,	/1 2300727				
	2300727	Normal Mode/Wireless connection	Diagnosis (Al	l Systems)	
Ш.	лі –		There are a second seco		
"		No connection	Re/programm	ing, Configuration	L Step
				, comganation	10
8	Select VI/I	MI	Immobilizer		
App	lication Setting		Maintenance		
	Sub mode		g Maintenance		

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.	
	Image: Back Image: Back	Screen Capture	Image: Rel p 12.2	N VI MI		
	Re/programming, Configuration		Precaution	icle Selection	·	
	Precaution					
	Operating suggestions for reprogra Please review the all of precautions touch "Next".			its points. And		
	Caution: 1. Follow the operation guide displ 2. "Back" and "Home" button may -For reprogramming and programm 1. Install the latest version of the CI CONSULT-III plus PC. 2. Preparation and read the service -For ECU Configuration 1. Need to write the configuration of 2. If writing the wrong configuration	not be used on this flow. hing DNSULT-III plus sortware, repro manual or reprogramming pro lata to new ECU, after replace i	bcedure sheet.	Ste	•	
Step 12	-For ECU Configuration using man 1. Confirm the vehicle's spec and it configuration data, ECU can not w 2. Operate the saving completely. D	s configuration spec, following to ork. Please write the right data.		iting the wrong		Step
Σ	Confirmed instructions		1/1		Next	13
ļ			- 0			

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.

	Back Home	ng,	n Measurement Re	Vehicle Selection	Vehicle Confirmation	
	Automatic S	election(VIN)	Manual Select	ion(Vehicle Name)	$\mathbf{)}$	
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**.

		Means errort Mode Means errort Data Means errort Help Image: Confirment 12.2V Image: Confirment Viewer Itele Vehicle Confirmation uch "Confirm". In case you want to select another vehicle,	
Step 15 Verify here	VIN or Chassis #	u nati zije jik Au i 5 0 i 204	
	Vehicle Name :	70	
	Model Year		
		1/1	
		Step 16	Change Confirm

Figure 5

17. Select Confirm.

Back Print	Market Screen Capture	feasurement Mode	Help	11.8V VI	<mark>Х Ф</mark> (
Re/programming, Configuration	Vehicle Co	nfirmation	put VIN	System Select	ion	4/6
Input VIN						
Enter the VIN number, ar According to this operatic CONSULT, VIN number y	on, in case of specified					
	8 00,110,494M 1-123456 0 1 1 1 23456 0 1 1 1 23456 0 1 1 1 1 1 1 1 1 1 1 1 1 1	JN1BAUJ32Z012 123456 近年4 K 0 L 原星 K 0 L 原星 N 1,近日県 N 1,近日県 N 1,近日県		G		
VIN (17 or 18 digits)	JN#E#1#P#	CH/1911 (100 114				
					_	
				Step 17		Confirm

18. Select ENGINE.

Back Re/programming, Configuration	Measurement Recorded Data	Operation Selection
System Selection Touch "system". In case ECU you want to operate is not list	ted below, the vehicle or model year might	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	
	Figure 7	1/1

Figure 7

19. Select Reprogramming.

	Back Image: Print Screen Image: Print Screen
	Touch "Operation". In case over write current ECU, touch "Reprogramming". In case replacement of ECU, select an operation in REPLACE ECU category.
Step 19	REPROGRAMMING In case you want to reprogramming ECU, touch "Reprogramming". Reprogramming
	Replacement OF ECU Programming (Blank ECU)
	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 Re/programming, Configuration Opera Save ECU Data	Measurement Mode Recorded Data	
	e current part number as listed below to CONSULT. n by selecting suitable operation log. Operation log is erased	
File Label	UNIVER 1 JP IIIC III 9 III 0 III 4	
Operation		
System		
Part Number Step 20		
Vehicle	ini yuka ini. Pina nini ini dalami kun	
VIN	uin uic iui 1 in P in C iui 9 in 0 in 1 4	
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 PC4041 (ECM Reprogram Not Needed).

Table /	A
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Model	Current <u>ECM</u> Part Number: 23710 -			
2016 Rogue	6FJ6A, 6FJ4A, 5HJ2A, 6FJ7A, 6FJ5A, 5HJ3A, 6FJ2A, 6FJ0A,			
	5HJ0A, 6FJ3A, 6FJ1A, 5HJ1A			

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

	100	NOOL 1-III plus	el. • 10. 12.00	VIINO		001204	veniore . o	- 			oounity . 0.5.A.		
	Back	Home	Print Screen	Screen Capture	Measurement Mode	Recorded Data	() Help	1	🚖 📕 12.1V VI	<mark>л Х I</mark> мі		\mathbf{X}	
	\$ 0	Re/programmi Configuratio	ng,	Save	ECU Data	Pr	ecaution	Se	lect Progr	am Data		/11	
	Precau	tion											
	If the usabl	iting suggestic reprogramming e. e review the all	/programmin]		
	4. DO	NOT set the A	/C timer or A	/C remote c	ontrol syste	em.							
	Never Never	ng reprogram touch the CO depress the b open each do	NSULT-III plu rake pedal or	turn the st			connection.						
Step 22										Step 21			
											Next		Step
4		Confirmed	nstructions	6				21	12				23
					F	igure	10						

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

CONSOL 1-11 plus ver.v 10.12.00 vite.	ore index and index of	02 204 2010	oountry . 0.5.A.
Back Back Print Screen	Messrement Mode	(12.1V VI MI	
Re/programming, Configuration	recaution Select Program Data	Confirm Vehicle Condition	9/11
Select Program Data			
Confirm the detail listed below, and touch -In case the screen to select reprog/prograr vehicle. -In case the part number after reprogramming selection, VIN and reprog/programming data	nming data is NOT displayed, only one ng is wrong, touch ''Re-select'', and cor		
			Step 24
Part Number After Repro/programming			hese numbers
Current Part Number			should be different
Vehicle	234 8702		amerent
VIN	JUN 101 ZALEHEKARIS	12 4	
System			
Other Information	14 je i	I	Re-select
Expected time to finish re/programming	10min	Step	Next
		25	Next

• 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 PC4041 (ECM Reprogram Not Needed).

Back Home Pri	nt Screen Screen Measurement Mode	Recorded Help Bata Select Program Data	Confirm Vehicle Condition	9/11
	prog/programming data listed be mming data is listed below, confi in CONSULT.		'IN and	
System]		
Current Part Number	Part Number After Repr	o/programming	Other Information	
xxxxx-xxxxx xxxxx-xxxxx	xxxxx-xxxxx xxxxx-xxxxx		xxxxxxxxxxxx xxxxxxxxxxx	
			010	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 Imag	12.8V	\times
Re/programming, Configuration Select Program Data Confirm Vehicle Condition	Trans Data	11
Confirm Vehicle Condition		7
	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		
18.5V. The vehicle battery voltage is shown on the top-right of this screen		
3		
Confirm the RESULT is OK, touch "Next".		
Step		
26		
	Step	
	27 Next	
Result OK		

Figure 13

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

28. Select Start.

Back Home Print Screen	Screen Capture Select Progra	Burement Recorde Data	Heip ET	12.5V Y MI		
Confirm Vehicle Condition Monitor battery						
Confirm the vehicle condition as Then, confirm that judgment for al out of range, reprogramming or pro	l items indicate	OK, and touch '	ndition correctly. 'Start''. In case the vehi		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	Step	
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	Start	

Figure 14

29. Wait for both progress bars to complete.

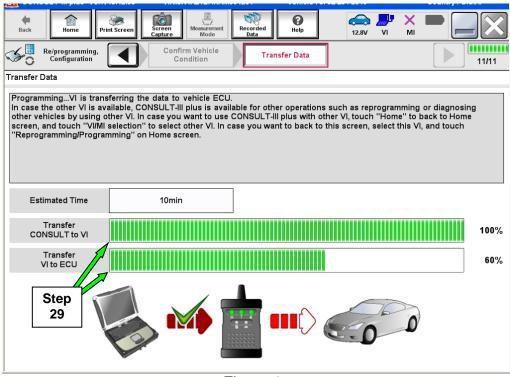
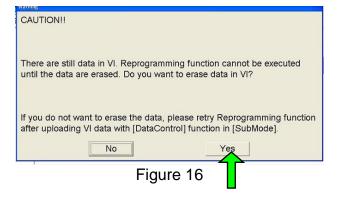


Figure 15

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



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.

CONSOL 1-11 plus Ver. VI0. 12.00		Vehicle . 0702 204 2010	oounity . 0.5.A.
Back Back Print Screen	Screen Capture	Image: Weight HeipImage: Weight Heip12.8VVI	<u>м</u> =
Re/programming, Configuration	Transfer Data Con	firm Result	12/12
Confirm Result			
Reprogramming or programming Touch "Next" to continue operation	i is completed. n.		
		00	
		Step 32	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[®] 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 Home Print Screen Capture	Measurement Mode Data	× 🖿 📃 🔀				
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 _x BTxxxxxx					
System	TEL ELATION					
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.

-		
CE CONSULT-III plus Ver.V14.21.00 VIN:	- Vehicle : -	Country : U.S.A.
Back Home Print Screen Capture	Measurement Mode Bata	× • 📄 🦳 🔀
Re/programming, Configuration	ansfer Data	2/2
Confirm Result		
Reprogramming or programming is not con reuse anymore. Touch "Home" to back to Home Screen, rep	npleted properly. ECU has been broken, and impossible to lace ECU with Service Manual.	
Part number after Reprog/programming	283B0	
Current Part Number	28380	
Vehicle	ZEOLEAF	
VIN	JN1AZ0CPxBTxxxxxx	
System	XIGHINGADIGAD	
Date	1/26/20×x 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.

	Image: 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
1	F ¹ C C C

Figure 20

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

- a. Turn the ignition ON (engine running or "ready to drive" position).
 - For conventional vehicles, start the engine and let it idle.
- b. Select Next.

Back Home Print Screen Scr Cap	reen pture Mode Recorded Data Position Idle Air Volume Learning	Accelerator Pedal Closed Position
PROPER ENGINE SPEED AT IDLE.		
Current status	V	Vaiting for your operation Vaiting for your operation
ENG SPEED		rpm

Figure 21

c. Select Start.

d. Wait for IAVL to complete.

Back Home Print Screen Sc	reen pture Mode	Recorded Data		× 💻 🥅 🔀
Re/programming, Configuration	hrottle Valve Closed Position	Idle Air Volume Learning	Accelerator Peda Closed Position	
Idle Air Volume Learning				
THIS FUNCTION ALLOWS THE ECM TO PROPER ENGINE SPEED AT IDLE. ALWAYS PERFORM THIS MODE AFTEI WHEN IDLE SPEED OR IGNITION TIMI SEE SERVICE MANUAL FOR DETAILS	R REPLACEMENT O NG IS OUT OF SPEC	F IACV-AAC VALVE, TH		DR Start
			1/2	
Current status		v	Vaiting for your operat	ion Step
Monitor Item				34c
ENG SPEED			1175 rpm	

Figure 22

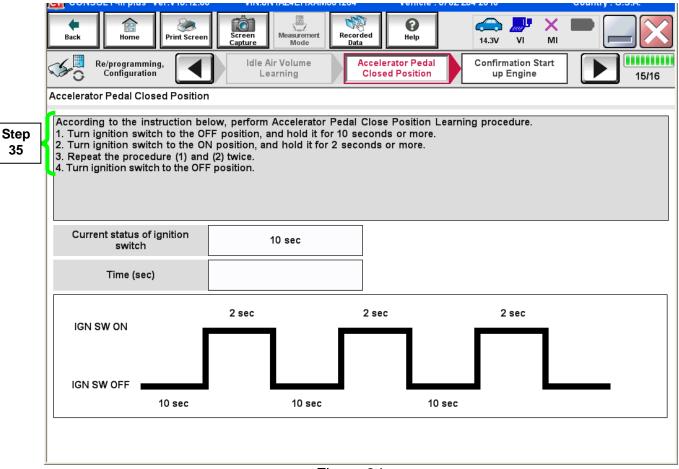
NOTE:

- 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.
 - Hybrid only Li-ion battery charging status: 50% or more
 - 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.

	Treen Measurement	Recorded Help	🚗 💵 🗙 I	
Back Home Print Screen Ca	ipture Mode	Recorded Help	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 PROPER ENGINE SPEED AT IDLE. ALWAYS PERFORM THIS MODE AFTEI WHEN IDLE SPEED OR IGNITION TIMI SEE SERVICE MANUAL FOR DETAILS	R REPLACEMENT OF NG IS OUT OF SPEC	FIACV-AAC VALVE, THROT		Retry
			1/2	
Current status			COMPLETE	
Monitor Item				
ENG SPEED		638	rpm]
			Step 34e	Next
	Fig	gure 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.

Image: Second	CONSULT-III plus Ver.52.11	VIN:5N1AT2MV6GC734854	Vehicle : ROGUE T32 2016		Country : United States
Configuration Closed Position up Engine 16/16 Confirmation Start up Engine Operate according to the following procedures. 1 1 Conform that the engine starts normally. 1 2 Conform the engine keeps idling normally. 3 Touch "Next" to go to next operation. Precautions In case engine will NOT starts, and in case engine can NOT keep idling normally, complete all of the operation at once, and perform necessary diagnosis and repair.		Screen Measurement Recorded		i × 1 MI	-
Operate according to the following procedures. Conform that the engine starts normally. Conform the engine keeps idling normally. Conform the engine keeps idling normally. Conform the engine keeps idling normally. Precautions In case engine will NOT starts, and in case engine can NOT keep idling normally, complete all of the operation at once, and perform necessary diagnosis and repair.	Re/programming, Configuration				16/16
 Conform that the engine starts normally. Conform the engine keeps idling normally. Conform the engine keeps idling normally. Touch "Next" to go to next operation. Precautions In case engine will NOT starts, and in case engine can NOT keep idling normally, complete all of the operation at once, and perform necessary diagnosis and repair. 	Confirmation Start up Engine				
Conform that the engine starts normally. Conform the engine keeps idling normally. Conform the engine keeps idling normally. Touch "Next" to go to next operation. Precautions In case engine will NOT starts, and in case engine can NOT keep idling normally, complete all of the operation at once, and perform necessary diagnosis and repair.	Operate according to the following	j procedures.			
 2 Conform the engine keeps idling normally. 3 Touch "Next" to go to next operation. Precautions In case engine will NOT starts, and in case engine can NOT keep idling normally, complete all of the operation at once, and perform necessary diagnosis and repair.	1				
Conform the engine keeps idling normally. Touch "Next" to go to next operation. Precautions In case engine will NOT starts, and in case engine can NOT keep idling normally, complete all of the operation at once, and perform necessary diagnosis and repair.	Conform that the engine starts r	iormally.			
3 Touch "Next" to go to next operation. Precautions In case engine will NOT starts, and in case engine can NOT keep idling normally, complete all of the operation at once, and perform necessary diagnosis and repair.		normally			L
Touch "Next" to go to next operation. Precautions In case engine will NOT starts, and in case engine can NOT keep idling normally, complete all of the operation at once, and perform necessary diagnosis and repair.	Contonn the engine keeps tanny	nonnany.			
Precautions In case engine will NOT starts, and in case engine can NOT keep idling normally, complete all of the operation at once, and perform necessary diagnosis and repair.		ation.			L
In case engine will NOT starts, and in case engine can NOT keep idling normally, complete all of the operation at once, and perform necessary diagnosis and repair.	,				
operation at once, and perform necessary diagnosis and repair.		d in case engine can NOT keep id	ing pormally, complete all of the	_	
Next			ing normany, complete all of the		
					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 Home Print Screen		Brase All DTCs	History VI MI	
Erase All DTCs				
According to the instruction below, e	rase All DTCs.			
1 Turn ignition switch to the ON pos	ition, then All DTCs are autor	matically erased.	OFF	
Current status of ignition switch	OFF			
	ON			
Turn ignitio	n 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 Re/programming,	Measurement Mode Print Result /				
Configuration	se All DTCs 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	ep 3 \$10- 1E \$2 E				
	13110-11E#2#				
Vehicle	NZ3N, 3N/0NZ				
VIN	III.) Init /III.4E INIX IA. (MBCII) 20 40				
System	∎E∎G#N∎ Step 39	Print			
Date	11/3/2011 2:10:21 AM				
	1/1 Step 1/1	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
PC404	ECM Reprogram	PC4040	0.5 hrs.

OR

CAMPAIGN (CM) I.D. #	DESCRIPTION	OP CODE	FRT
PC404	ECM Reprogram Not Needed	PC4041	0.3 hrs.