

# QUALITY ACTION CAMPAIGN Radar and/or Advanced Drive Assist System (ADAS) Reprogram

Reference: PC637 Date: August 17, 2018

#### Attention: Dealer Principal, Sales, Service & Parts Managers

Affected Models/Years:	Affected	Dealer	SERVICE COMM	Stop Sale
	Population:	Inventory:	Activation date:	In Effect
2018 Rogue (T32)	NA	~16,968	August 17, 2018	NO

#### \*\*\*\*\* Quality Action Summary \*\*\*\*\*

Nissan is conducting a quality action to reprogram the Laser Radar and Advanced Drive Assist System (ADAS) software the on specific MY2018 Rogue (T32) vehicles built in the Smyrna, TN manufacturing plant. These vehicles are either currently in dealer inventory or assigned and in transit to the dealer.

The software update is designed to help improve the performance of Automatic Emergency Braking (AEB), Forward Emergency Braking (FEB), and Forward Collision Warning (FCW) systems in the affected vehicles.

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

- Verify if vehicles are affected by this quality action using Service Comm or National Service History – Open Campaign I.D. <u>PC637.</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. Use the attached procedure to reprogram the Laser Radar and/or Advanced Drive Assist System (ADAS) control unit software.
- 3. Dealers are requested to remedy any affected vehicle in dealer new inventory prior to sale to ensure customer satisfaction.

#### Thank you for your prompt attention to this matter.

#### NISSAN NORTH AMERICA, INC.

Aftersales DIVISION



# PC637 – ROGUE/ROGUE HYBRID RADAR & ADAS REPROGRAM

#### **Repair Overview**



**NOTE:** If neither reprogramming, nor the replacement of the Laser/Radar control unit were performed, refer to the Electronic Service Manual (ESM) for further diagnostic information.

#### Radar & ADAS Reprogramming

#### **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.
   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.
- The CONSULT PC is connected to the internet via a cable or Wi-Fi.
  - > Later in the procedure you will be required to enter a User Name and Password.
  - > The CONSULT PC must be connected to the Internet.
  - > If you do not know your User Name and Password, contact your Service Manager.
- No DTCs stored.
  - Use C-III plus to perform Self Diagnosis for all systems.
  - If there are any DTCs; erase DTCs **before** continuing.
- 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 **control unit may be damaged.** 

2. Connect the AC Adapter to the CONSULT PC.

**CAUTION:** Be sure to connect the AC Adapter. If the CONSULT PC battery voltage drops during reprogramming, the process will be interrupted and the **control unit may be damaged**.

- 3. Connect the GR-8 to the vehicle 12V battery:
  - Set the GR-8 to "Power Supply" mode.

3a. Hybrid Vehicle GR-8 set-up:

- Locate the fusible link box behind the engine cleaner.
- Push the tab in and lift up to remove the lid and expose the remote positive battery terminal.
- Connect GR-8 Positive cable to remote positive 12V battery terminal.
- Connect GR-8 Negative cable to engine or body ground.



Figure 1

**CAUTION** : <u>DO NOT</u> use a standard battery charger for Hybrid vehicles. Make sure to connect the GR-8 securely to the 12V 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 **control unit 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 **control unit may be damaged**.

- 5. Turn the ignition ON with the engine OFF.
  - 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.
- 7. Turn ON the CONSULT PC.
- 8. Select CONSULT-III plus (open C-III plus).
- 9. Wait for the plus VI to be recognized.
  - Serial number will display when the plus VI is recognized.

	Connee	ction Statu	IS			Di	agnosis N	lenu			
		Serial No.		Stu	itus		Diag	nosis (Or	e Syste	m)	
Plus VI is recognized	VI	2300727	No	rmal Mor conne	))) de/Wireless action		Diag	nosis (All	System	ns)	
	MI	•		No con	<b>N</b> ection		≨ <mark>_</mark> Re/p	rogramm	ing, Coi	nfigura	tion
	38	Select VI	/MI				imm	obilizer			
	Applicat	tion Setting Sub mode		ABC	guage Settin	a E	💭 Mair	itenance			
	39	VDR									
						Figure	2				

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

UNITE	Serial No.	Status	Diagnosis (One System)
vi	2300727	⊳>))) Normal Mode/Wireless connection	Diagnosis (All Systems)
МІ		No connection	Re/programming, Configuration
8	Select VI/MI		Immobilizer
oplicat	Sub mode	ABC Language Setting	Maintenance

Figure 3

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



Figure 4

#### 14. Select Automatic Selection(VIN).

- If the screen in Figure 5 does not display, skip to step 15.
- Use Manual Selection if Automatic Selection does not pull VIN. Click Select.



- 15. Make sure VIN or Chassis # matches the vehicle's VIN.
- 16. If the correct VIN is displayed, select Confirm.

	Beat Horse Print Screen Screen Contern Revignogramming, Configuration Val Please confirm selected information and 1	hitche Selection Vehicle Confirmation	
Step 15	touch "Change". VIN or Chassis #	(JES 800 T 100 T 100 J 107 4 (cr (c)) 4 (c)	
, , , , , , , , , , , , , , , , , , , ,	Vehicle Name :	ROGUE	-
		1/1	
		Step	Change

Figure 6

# 17. Select Confirm.

± £ .	at Sound Capital Sound	0 Help		
Configuration	Vahiola Confirmation	at VIN System	n Selection	46
Input VIN				
Enter the VIN number, a According to this operat CONSULT, VIN number (	nd touch "Confirm". on, in case of specified operation that requires rou input is saved as file name. Therefore, conf	to save ECU informations from VIN number correct	on into tiy.	
VIN (17 or 18 digits)				
			Step 17	Confirm

Figure 7

#### 18. Select LASER/RADAR.

Computation			Operation Selection 5
tem Selection	- Sile		
ouch "system". case ECU you want to operate is not i	isted below, the vehicle or mode	el year might t	e selected wrong.
ENGINE	EPS/DAST 3	Step 18	LASER/RADAR
ENGINE MULTI AV	EPS/DAST 3 ABS	Step 18	LASER/RADAR AUTO DRIVE POS.
ENGINE MULTI AV 3ch CAN GATEWAY	EPS/DAST 3 ABS IPDM E/R	Step 18	LASER/RADAR AUTO DRIVE POS. BCM
ENGINE MULTI AV 3ch CAN GATEWAY 6ch CAN GATEWAY	EPS/DAST 3 ABS IPDM E/R AIR PRESSURE MON	Step 18	LASER/RADAR AUTO DRIVE POS. BCM LANE CAMERA

Figure 8

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# 19. Select Reprogramming.

	Configuration	System Selection Operation Selection	
	Operation Selection		
	Touch "Operation". In case over write current ECU, touch In case replacement of ECU, select an o	"Reprogramming". operation in REPLACE ECU category.	
	REPROGRAMMING		
tep	Reprogramming	In case you want to reprogramming ECO	, touch reprogramming .
9		J	
9	Replacement OF ECU Programming (Blank ECU)		
9	Replacement OF ECU Programming (Blank ECU) Before ECU Replacement	After ECU Replacement	Touch "Before ECU Replacement", Operation log with part number is saved to CONSULT.
9	Replacement OF ECU Programming (Blank ECU) Before ECU Replacement	After ECU Replacement	Touch "Before ECU Replacement", Operation log with part number is saved to CONSULT.

Figure 9

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20. When you get to the screen shown in Figure 10, confirm that a reprogram or new control unit is available with the flow chart below.



#### 21. Select Save.

Back Barne Print Screen Captur	Monte Recorded Data	🚔 🏌 💥 🖿 🔚 🔀
State Configuration	ration Selection Save ECU Data	► <b>1</b> 17
Save ECU Data		
Touch "Save" to save operation log and Operation log helps to restart next operat after operation has completely finished.	the current part number as listed below to CON ion by selecting suitable operation log. Operatio	SULT: n log is erased
File Label	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
Operation	REPROGRAMMING	
System	LASER/RADAR	
Part Number	28438 <b>8%%%</b> X	
Vehicle	T32ROGUE	
VIN	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
Date	X X X X X X X X X X X X X X X X X X X	Step Save
		21

Figure 11

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



Figure 12

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

Configuration Precautio	Select Program Data Confirm	Vehicle tion 9/10
slect Program Data		
Confirm the detail listed below, and touch "Next" i in case the screen to select reprog/programming of vehicle. In case the part number after reprogramming is wr selection. VIN and reprog/programming data in CON	If OK. data is NOT displayed, only one data is availabl rong, touch "Re-select", and confirm the vehicl ISULT.	e for this
Real March and Real Provide American		Step 25
Current Part Number	28438 XXXXXX 28438 XXXXXX	These numbers should be
Current Part Number	284383732XX 284383732XX ROGUE T32	These numbers should be different
Current Part Number	284383777777 2843837777777 ROGUE T32 XXMRAXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	These numbers should be different
Current Part Number	284383777777	These numbers should be different
Current Part Number	28438399992 28438399992 ROGUE T32 XXMRAXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	These numbers should be different

Figure 13

#### NOTE:

- In some cases, more than one new P/N for reprogramming is available.
  - > If more than one new P/N is available, the screen in Figure 14 displays.
  - Select and use the reprogramming option that does <u>not</u> have the message "Caution! Use ONLY with NTBXX-XXX".
- If you get this screen in Figure 14 and it is <u>blank</u> (no reprogramming listed), it means there is no reprogramming available for the Laser/Radar control unit in this vehicle. Proceed to ICC/ADAS Reprogramming on page 21.

tech Roter Print Sara	no Caffare Masterrout	Recorded Hote		🛛
Staturation	Precaution	Select Program Data	Confirm Vehicle Condition	9/11
Select Program Data				
Touch and select the reprogip in case no reprogiprogrammin reprogiprogramming data in Co System LASER.	rogramming data listed be g data is listed below, confi INSULT, /RADAR NE	low. rm the vehicle selection, 1	/IN and	
Corrent Part Number	Part Number After Repr	o'programming	Other Information	
3000000-300000X	1000000-1000000 1000000-1000000	200000 200000	000000000000000000000000000000000000000	
			010	Next

Figure 14

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

28. Select Next.

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



Figure 15

29. Confirm all Judgment items are OK, then select Start.

Select Prog	ram Data	nfirm Vehicle Condition	13.7V	10/10
sted below, s items indicat gramming mi	et the vehicle con e OK, and touch "S ly stop.	dition correctly. itart". In case the vel	nicle conditio V	onitor battery oltage here
VWse	UNIC	Automati	Candibri	
13.6	v	ок		
On			On	
13	EXAM	PLE 📘	>=10.48	
Off			0#	
				Sten
0	rpm	OK	0	20
0 0ff	rpm	ок	0 0ff	29
	Select Prog sted below, s items indicat gramming ma vece 13.6 On 13	Select Program Data Select	Notice         New West         New Odd         Name         The New York         New York         The New Yo	Note:         Networking         Networking </td

Figure 16

#### 30. Select USA/CANADA Dealers.

#### 31. Select OK.



#### NOTE:

- The above screen may not display if the CONSULT PC has remained ON since the last reprogramming.
- If the CONSULT PC is not connected to the Internet, the screen in Figure 18 will display.

Office speaker with	a second s	
Office works		
Touch the required operation.		
Internet connection	Connect to the Internet.	
Manual input	Enter manually.	
Home	Back to Home screen.	

Figure 18

**NOTE:** In the next steps, the reprogramming process will begin when **Submit** is selected.

32. Enter your Username and Password.

- The CONSULT PC must be connected to the Internet via cable or Wi-Fi.
- If you do not know your User Name and Password, contact your Service Manager.

#### 33. Select Submit.

Back Reprogramming.	Confirm Vehicle	r Authentication	14.7V VI MI	
User Authentication	Continuan			11/12
S - CONTRACTO				
Daimler WS				
Step 33	Passe enter pour UserD betwe Deersene Password Passevord Submit			
Haatart Löger				Section in the

Figure 19

34. Wait for both progress bars to complete.



Figure 20

35. When the screen in Figure 21 displays, the reprogramming is complete.

**NOTE:** If the screen in Figure 21 does <u>not</u> display (indicating that reprogramming did <u>not</u> complete), refer to the information on the next page.

36. Select Next.



Figure 21

**NOTE:** Additional steps/operations are required before C-III plus will provide the final reprogramming confirmation report. Continue with the reprogramming procedure on page 18.

#### 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 22:

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

	VIN	Maniche	Country - Action
Back Hore Print Scient	Alter Alter Alter Made	tessiber Sala	
Sonidator	Treater Stew	Confirm Resul	> 1341
Confirm Result			
Reprogramming or programming is no operation on this ECU. Touch "Reny" to retry reprogramming	of completed property, or programming.	but you can refry reprog/p	rogianming
Part number after		284B2-XXXXX	
method bradiantiand			V
Part number Sefare Reprog/programming		264B2-XXXXX	(
Part number Sefire Reprog/programming Vehicle		264B2-XXXXX QASHQAI	
Vehicle		29482-XXXXX QASHQAI SJNFDNJ10U100	000
Neprogradaman Part number Jestre Reprogramming Vehicle Vihi		29482-XXXXX QASHQAI SJNFDNJ10U100 BCM	000
Neprogramma Part number Jesite Reprogramming Vehicle VIN System Date		25482-XXXXX QASHQAI SJNFDNJ10U100 BCM 25/07/2011 16 30	000 100 Betry '
Hepsopprogramming Part multiple Vehicle Reprogramming Vehicle VIN System Dete Error Code		28482-XXXXX QASHQAI SJNFDNJ10U100 BCM BCM 26/07/29111630	000 Retry

Figure 22

# If reprogramming does <u>not</u> complete and the "X" icon displays as shown in Figure 23:

- 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.



Figure 23

#### 37. Erase all DTCs as follows:

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

*	Barnar Point Screen	Servern Captures Conferences	Recorded Bate	taov VI	
30 00	afiguration	up Engine	Erase All DTCs	Operation Con	nplete 17/18
Erase All DTC	8		- Sala		
According to	the instruction below,	erase All DTCs.	automatically erased.	(	
Cum	ent status of ignition switch	ON			
	Turn ignitio	on ON > OF	F > ON		

Figure 24

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

**NOTE:** If you cannot print the 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.

#### 40. Select **Confirm**.

CONSULT-III plus Ver.75.10 Ver.CSP44.21	VIN:JNBAT2MTSJW461064	Vehicle : ROGUE T32 2018	Country : United States
ten finne Pitet Screen	Soren Captare	Help ERT 11.8V VI	× 🖿 🔜 🔀
Reference in the second	Erase All DTCs	int Result / ition Complete	54/14
Print Result / Operation Complete			
All tasks are completed. Confirm L In case CONSULT can NOT immed temporally storage of this page. To Data Folder" on desk top, and oper	AN access, touch "Print" to prin iately access to LAN or printer, S uch "Screen Capture", and save the folder named "Screenimages	t out this page. creen Capture function is available it. Screen capture data is in "CIII pl ".	for tue
Part number after Reprog/programming	Step	284385 <b>XXXX</b>	
Part number before Reprog/programming		28438 <b>978XX</b>	
Vehicle		T32 ROGUE	
VIN	XXXXX	**XMKMANNAKXMX	Print
System		LASER/RADAR	
Date	ххххж	ARCHICK DOCTOR	Operation
		Step	Confirm
		1/1 40	

Figure 25

#### 41. Select Home.

• This will take you back to the Home Screen.

te fine	Rant Screen Carpone Management Recorded Data	: 🖿 💻 🔀
Configuration	Erase All DTCs Print Result / Operation Complete	15/15
Print Result / Operation Co	Configuration	-
All tasks are completed in case CONSULT can h temporally storage of thi Data Folder" on desk top	"Complete Operation" Screen is no longer shown after backing Home once. In case "Complete Operation" Screen is necessary document, touch "Cancel" to back previous screen. Erasing process is not performed to "No support for All DTC" system. Erase it in Self-Diag Results screen of each system.	
Part number after Reprog/programming		
Part number before Reprog/programming		
Vehicle		
vin Ste	P Home Cancel	Print
System 41		
Date	8/8/2018 3:35:42 PM	Other Operation
	1/1	Confirm

Figure 26

Proceed to ICC/ADAS Reprogramming on next page.

**IMPORTANT:** LASER/RADAR control unit reprogramming <u>must be performed first</u> (if indicated by the flow chart on page 9) before proceeding.

#### **ICC/ADAS Reprogramming**

**IMPORTANT:** LASER/RADAR control unit reprogramming <u>must be performed first</u> (if indicated by the flow chart on page 9) before proceeding.

42. Wait for the plus VI to be recognized.

• Serial number will display when the plus VI is recognized.

	Serial No.	Status	
<b> →</b> v	2300727	▷>>))) Normal Mode/Wireless connection	Diagnosis (All Systems)
м	•	No connection	Re/programming, Configurati
រុទ្ធ s	elect VI/MI		Immobilizer
Application	on Setting Ib mode	Language Setting	Maintenance

Figure 27

43. Select Re/programming, Configuration.

onnet	Serial No.	Status	B Diagnosis (One System)	
VI	2300727	⊳>))) Normal Mode/Wireless connection	Diagnosis (All Systems)	
мі	•	No connection	Re/programming, Configuration	Step 43
18	Select VI/MI		Immobilizer	
pplicat	tion Setting Sub mode	ABC Language Setting	Maintenance	

Figure 28

- 44. Use arrows (if needed) to view and read all precautions.
- 45. Check the box confirming the precautions have been read.
- 46. Select Next.



Figure 29

#### 47. Select Automatic Selection(VIN).

- If the screen in Figure 30 does not display, skip to step 48.
- Use Manual Selection if Automatic Selection does not pull VIN. Click Select.

Automatic Se	lection(VIN)	Manual S	elect	lion(Vehicle Name)	)		
Vehicle Name :		-	2		Model Year :	Sales Chunnel	
"MURANO Camp:P8201	CUBE	MURANO Cro Cabriolet	55	PATHFINDER Hybrid	2019MY	NISSAN	
360Z	FRONTIER	MURANO Hyb	rid	QASHQAI/Rogue Sport	2018MY(ver.2)	INFINITI	
370Z	JUKE	NISSAN GT-	R	QUEST	2018MY(ver.1)	DATSUN	
370Z Convertibl			MO	ROGUE	2017MY		
ALTIMA	Exam	ple		ROGUE Hybrid	2016MY		
ALTIMA coupe				ROGUE Select			
ALTIMA Hybrid	MAXIMA	NV200 TAX	E.	SENTRA			
ALTIMA sedan	MICRA	PATHFINDE	R	TITAN		CLEAR	
ADMADA	MURANO	PATHFINDE	R	VEDSA Hatebback			

Figure 30

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

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



Figure 31

#### 50. Select Confirm.

taat tome /	Vort Screen Co	ehicle Confirmation	Recorded net		11.8V VI System Select	Mi tun	
wut VIN			J. Laboratory				
Enter the VIN number, According to this opera CONSULT, VIN number	and touch "Cee tion, in case of you input is as accurate to the second	tfirm". specified operation ved as file name. T	n that requires to a herefore, confirm V	ave ECU info	rmation into orrectly.		
VIN (17 or 18 digits)	JN 16E 16		6 <u>11</u>				
					Step 50	<u>}</u>	Confirm

Figure 32

# 51. Select ICC/ADAS.

	Input VIN System Selection	Operation Selection
m Selection		
ch "system".	isted below the unbials or model user might	he scholed among
ase ECU you want to operate is not i	isted below, the vehicle or model year might	be selected wrong.
	r	100000
LANE CAMERA	AUTO BACK DOOR	HVAC
ADAPTIVE LIGHT	HV BATTERY	AVM
CAN GATEWAY	BRAKE	CHASSIS CONTROL
EV/HEV	ep ICCIADAS	TPATTONSSION
	TELEMATICS	ICC/ DAS 2
AIR BAG	TELENOTINGO	

Figure 33

# 52. Select Reprogramming.

	Configuration	System Selection Operation Selection	
	Operation Selection		
	Touch "Operation". In case over write current ECU, touch In case replacement of ECU, select an o	"Reprogramming". peration in REPLACE ECU category.	
_	REPROGRAMMING	In case you want to reprogramming ECU	touch "Reprogramming".
		a tes a second a s	
p	Reprogramming	1	
•	Reprogramming Replacement OF ECU Programming (Blank ECU)	]	
2	Reprogramming Replacement OF ECU Programming (Blank ECU) Before ECU Replacement	After ECU Replacement	Touch "Before ECU Replacement", Operation log with part number is saved to CONSULT.
0	Reprogramming Replacement OF ECU Programming (Blank ECU) Before ECU Replacement VEHICLE CONFIGURATION	After ECU Replacement	Touch "Before ECU Replacement", Operation log with part number is saved to CONSULT.

Figure 34

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- 53. When you get to the screen shown in Figure 35, confirm that a reprogram is available as follows.
  - A. Find the ICC/ADAS **Part Number** and write it on the repair order.

**NOTE:** This is the <u>current</u> ICC/ADAS Part Number (P/N).

Back Horse Print Screen	3		
	Screen Model Data	Help ERT 11.8V VI	× =
Resprogramming, Configuration	Operation Selection Sav	ECU Data	717
we ECU Data			
ouch "Save" to save operation log )peration log helps to restart next o fiter operation has completely finish	and the current part number as peration by selecting suitable op ed.	Instea below to CONSULT. eration log. Operation log is er	ased
ile Label	XXXX	XX XX XXXXXXXXXXXX	
peration	R	EPROGRAMMING	
iystem S Curre	tep 53A: ent ECM P/N	ICC/ADAS	
art Number		284E7XXXXXX	
/ehicle		T32ROGUE	
/IN	XXXXX	XXXXXXXXXXXXXXX	
late	XXXXX	******	Save

Figure 35

- B. Compare the P/N you wrote down to the numbers in the **Current ICC/ADAS Part Number** column in **Table A**.
  - If there is a <u>match</u>, continue with the reprogramming procedure.
  - If there is **not a match** in Table A, proceed to step 72.

#### Table A

MODEL	YEAR	CURRENT ICC/ADAS PART NUMBER: 284E7-
Rogue and Rogue Hybrid		5HR0A, 5HR0C
	2018	5HR9A, 5HR9B
		5HR0E, 5HR1E, 5HR3E, 5HR5E, 5HR6E

54. Use arrows (if needed) to view and read all precautions.

55. Check the box confirming the precautions have been read.

#### 56. Select Next.



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

Reprogramming, Configuration Precoutio	mittaett Bata Heip ERT 14.8V	Vehicle
elect Program Data		900
Confirm the detail listed below, and touch "Next" is in case the screen to select reprog/programming d vehicle. In case the part number after reprogramming is wr selection, VIN and reprog/programming data in CON	If OK. fata is NOT displayed, only one data is availabl rong, touch "Re-select", and confirm the vehicle ISULT.	e for this
art Number After Repro/programming	28467 ######	Step 57 These numbers
/ehicle	284E7 SHASES	should be different
/IN	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
System	ICC/ADAS	
System Other Information	P32#_WWW_RC	Re-select

Figure 37

#### NOTE:

- In some cases, more than one new P/N for reprogramming is available.
  - > If more than one new P/N is available, the screen in Figure 38 displays.
  - Select and use the reprogramming option that does <u>not</u> have the message "Caution! Use ONLY with NTBXX-XXX".
- If you get this screen in Figure 38 and it is <u>blank</u> (no reprogramming listed), it means there is no reprogramming available for this vehicle. Close C-III plus and refer back to ASIST for further diagnosis.

CONSULT-III plus Ver.	VIN	Vehicie ;		Country : U.S.A.
Sack Harro Print Sor	teen Screen Mode	Recorded Help		🔀
Configuration	Precaution	Select Program Data	Confirm Vehicle Condition	9/11
Select Program Data				
Touch and select the reprog In case no reprog/programmi reprog/programming data in C System	Iprogramming data listed being data is listed below, confi 20NSULT. ICC/ADAS	iow. m the vehicle selection, VIN ar	nd	
Current Part Number	Part Number After Repr	i o/programming Oth	er Information	
1000000-1000000 1000000-1000000	X000000-300000X X000000-3000000X	3000000000 300000000	000000000000000000000000000000000000000	
		c		Next

Figure 38

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

60. Select Next.

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



61. Confirm all Judgment items are OK, then select Start.

Reiprogramming, Configuration	Selact Prog	ram Data	Condition		10/10
m Vehicle Condition					
irm the vehicle condition as 1. confirm that judgment for a f range, reprogramming or pr	listed below, a il items indicat ogramming ma	set the vehicle cor e OK, and touch " sy stop.	ndition correctly. Start". In case the vel	hicle condit Mo	nitor batter oltage here
Marchae then	VWLe	UNI	Autgrant	Candidon	
BATTERY VOLTAGE	13.6	v	ОК		
IGNITION SW	On		191.00	On	
BATTERY YOLT	13	EXAM	PLE	>=10.48	
LOAD SIGNAL	011			Off	Stop
ENG SPEED	0	rpm	ок	0	61
HEATER FAN SW	011		ок	Off	
17 - 2010 - 101 - 2017 P	01		OK	0#	

Figure 40

62. Wait for both progress bars to complete.



Figure 41

63. When the screen in Figure 42 displays, reprogramming is complete.

**NOTE:** If the screen in Figure 42 does not display (indicating that reprogramming did not complete), refer to ICC/ADAS recovery on the next page.



Figure 42

64. Select Next.

#### **ICC/ADAS** 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 43:

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

CONSULT Figure We	VN Ushide	Counter - Jacian
Back Hore Print Screen	Cotter Hinds Control State	
So considerion	Corter Re	eut 🔰 1313
Confirm Result		
Repogramming or progamming a operation on this ECU. Touch "Reity" to reity reprogramm	a tot completed property, but you can retry ning or programming.	
Part number after Reprog/programming	284B	2-XXXXX
	2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	
Part number Sefare Reprog/programming	284B	2-XXXXX
Part number Sefure Reprog/programming Vehicle	284B	2-XXXX SHQAI
Part number 3e fare Reprog/programming Vehicle	284B QA SJNFDN	2-XXXXXX SHQAI 110U100000
Partnumber setire Reprog/programming Vehicle VIN System	284B	2-XXXXX SHQAI J10U100000 DCM
Partaunber Johne Reprog/pregnamming Vehicle Vihi System Date	284B	2-XXXXX SHQAI J18U100000 acM J111630.00 Refey
Part author Johre Reprog/programming Vehicle VIN System Date Error Code	284B	2-XXXXX SHQAI J10U100000 acM J11 16 30 00 Retry

Figure 43

# If reprogramming does <u>not</u> complete and the "X" icon displays as shown in Figure 44:

- 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.



Figure 44

65. Disconnect the GR8 (battery charger) from the vehicle.

#### NOTE:

- In the next steps, you will perform DTC erase.
- This operation is required before C-III plus will provide the final reprogramming confirmation report.

#### 66. Erase all DTCs as follows:

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

ten Barner Peter Streen	orben Messzerrert	Recorded Data	11.6V VI	× = _ X
Configuration	Confirmation Start up Engine	Erase All DTCs	Print Result Operation Comp	lete 17/18
Erase All DTCs				
According to the instruction below, era	ase All DTCs.			
1 Turn ignition switch to the ON positi	on, then All DTCs are au	tomatically erased.		
Current status of ignition switch	OFF			
Turn ianiti	on ON > O	FF > ON	]	

Figure 45

67. When the entire reprogramming process is complete, the screen in Figure 46 will display.

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

69. Print a copy of this screen (Figure 46) and attach it to the repair order for warranty documentation.

CONSULT-III plus Ver.75.10	VIN:JNBAT2MT9JV	¥461054	Vehicle : ROGU	E T32 2018		Country : United States
Dack firms Piet Screen	Screen Capture	Recorded	Help ERT	13.5V VI	×I	🔀
And Programming.	Erase All DTCs	Print R Operation	esult / Complete			15/15
Print Result / Operation Complete						
All tasks are completed. Confirm I in case CONSULT can NOT immed temporally storage of this page. To Data Folder" on desk top, and open	AN access, touch "Pr intely access to LAN o uch "Screen Capture" hthe folder named "Sci	int" to print ou r printer, Scree , and save it. So reenimages".	t this page. n Capture func creen capture d	tion is availab ata is in "CIII ;	le for plus	
Part number after Reprog/programming	step 📂	- 28	4E7- <b>XXXX</b>			
Part number beter Reprog/programming	68	- 28	4E7 XXXX			
Vehicle		т	32 ROGUE	· · · · · · · · · · · · · · · · · · ·	_	
VIN		xxxx	****	Step 69		Print
System		,	CC/ADAS			
Date		*****	WKXXXXXXXX			Other Operation
				Step 1 70		Confirm

Figure 46

## 70. Select Confirm.

#### 71. Select Home



Figure 47

72. Close C-III plus.

73. Turn the ignition OFF.

74. Disconnect the plus VI from the vehicle.

75. Verify the MIL is OFF.

- If the MIL comes ON, go back to ASIST for further diagnostic information.
- Diagnosis and repairs beyond ICC/ADAS or LASER/RADAR reprogramming are not covered by this Action.

## **CLAIMS INFORMATION**

## Submit claim using the following claims coding:

## Work Order Line Type: "CM" Campaign

#### Campaign: PC637

## **CLAIMS INFORMATION: PC637**

Claim Type:	СМ			
PNC:	PC637			
Symptom:	ZZ			
Diagnosis:	99			
Description:	Op Codes	Flat Rate Time	Parts Required on claim	Expense Code Required
Reprogram Radar & ADAS Control Unit	PC6371	0.8Hrs	No	N/A
Reprogram ADAS Control Unit Only (Radar not needed)	PC6372	0.5Hrs	No	N/A
No Reprogram Needed	PC6373	0.3Hrs	No	N/A