



# SERVICE BULLETIN

Classification:

EL14-010c

Reference:

Date: July 12, 2016

# 2014-2016 ROGUE; IPDM CONFIGURATION AFTER UNIT REPLACEMENT

NTB14-024c

This bulletin has been amended. Two part number tables, and symptoms that could occur if the IPDM is not configured have been added, and the APPLIED VEHICLES section has been revised. Please discard previous versions of this bulletin.

APPLIED VEHICLES: 2014-2016 Rogue (T32)

#### SERVICE INFORMATION

After replacing an IPDM in an Applied Vehicle, the IPDM ECU part number must be selected for proper function.

Use CONSULT-III plus (C-III plus) through Manual Configuration to do this.

The setting is based on the vehicle options (see Table A, B or C on page 2 for vehicle options).

- The IPDM E/R part number is externally marked on <u>all</u> IPDM E/R cases and <u>does</u> <u>not</u> indicate what it is configured as.
- Once configured, the configured number can only be read through **Read / Write Configuration**.
- IPDM E/R configuration <u>cannot</u> be read through **Work Support / ECU Identification** and will only show the part number that is marked on the outside of the case.
- The vehicle will not start until the IPDM is configured.

If the IPDM is configured incorrectly for the vehicle's options, the symptoms shown below may occur.

SYMPTOM	CAUSE
LED Headlights flicker	Halogen headlights configured into an LED headlight vehicle
Headlight system error shown in meter for halogen equipped vehicle	LED headlights configured into a Halogen headlight vehicle
No cranking/No start, but ignition can be ON	No configuration
HLL (Head Light Leveling) DTC could be stored	Mis-selection of part number & HLL

Nissan Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. NOTE: If you believe that a described condition may apply to a particular vehicle, DO NOT assume that it does. See your Nissan dealer to determine if this applies to your vehicle.

### SERVICE PROCEDURE

IPDM Configuration procedure is as follows:

- 1. Inspect the vehicle being worked on for its options and then choose the correct part number listed in Table A, B or C for those options.
  - a. First confirm the country of manufacture by the VIN before choosing the correct table and part number.
    - The country of manufacture can be identified by the first three digits of the vehicle's VIN.
      - > 5N1 USA produced
      - > JN8 Japan produced
      - > KNM Korea produced
  - b. Write down the part number.

	Table A fo	or "5N1"	USA	produced	Rogue	(T32)
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	Vehicle Options					
284M1 -	KEY TYPE	HEAD LAMP TYPE	HLL (1)			
4BA1A	Non-Intelligent Key	Halogen	Without			
4BA1B	Intelligent Key	Halogen	Without			
4BA1C	Intelligent Key	LED	With			
4BA9C	Intelligent Key	LED	Without			

(1) HLL is applied only for 14MY LED.

### Table B for "JN8" - Japan produced Rogue (T32)

	Vehicle Options					
	KEY TYPE	HEAD LAMP TYPE	HLL			
6FK0A	Non-Intelligent Key	Halogen	Without			
6FK0B	Intelligent Key	Halogen	Without			
5HA1A	DO NOT select this PART #					
5HA1B	DO NOT select this PART #					

#### Table C for "KNM" - Korea produced Rogue (T32)

	Vehicle Options					
	KEY TYPE	HEAD LAMP TYPE	HLL			
6FK0A	DO N					
6FK0B	DO NOT select this PART #					
5HA1A	Non-Intelligent Key	Halogen	Without			
5HA1B	Intelligent Key	Halogen	Without			

- 2. Connect the plus VI to the vehicle.
- 3. Connect the AC adapter to the CONSULT PC.
- 4. Turn on the CONSULT PC, and then open C-III plus.
- 5. Turn the ignition ON, with engine OFF.
  - The meter and gauges will illuminate.

CAUTION: <u>Do Not</u> start the engine.

**NOTE:** Make sure <u>all</u> accessories are turned OFF.

6. After the plus VI is recognized, select **Re/programming, Configuration.** 

**NOTE:** Make sure all applications other than C-III plus are closed.

	CONSULT-III plus Ver.35.20	20.21 VIN:-	Vehicle : -	Country : United States
	Back Home Print Se	reen Screen Capture Mode	Recorded Data	
	Connection Status		Diagnosis Menu	
k	Serial No.	Status	Diagnosis	s (One System)
re	cognized	Normal Mode/Wireless connection	s Diagnosis	s (All Systems)
	MI	No. Step 6	Re/progra	amming, Configuration
	Select VI/MI			zer
	Application Setting	Language Setti	ing Maintena	nce
	VDR			

Figure 1

7. Click on the **Confirmed Instructions** box and then select **Next**.

CONSULT-III plus Ver.35.20 Ver.CSP20.21	VIN:-	Vehicle : -		Country : United States
Back Rome Print Screen	Screen Measurement Mode Recor	ded Help	12.6V VI MI	
Re/programming, Configuration		Precaution	Vehicle Selection	
Precaution				
Operating suggestions for reprogra Please review the all of precautions, touch "Next".	nming, programming and and click the "Confirm" che	C/U configration: ack box after confirming	the its points. And	
Precautions				
1. Follow the operation guide displate 2. "Back" and "Home" button may r	yed on screen. not be used on this flow.			
-For reprogramming and programming 1. Install the latest version of the CO CONSULT-III plus PC. 2. Preparation and read the service	ng NSULT-III plus sortware, rej manual or reprogramming	programming/programmi procedure sheet.	ing data to this	
-For ECU Configuration 1. Need to write the configuration da 2. If writing the wrong configuration	ta to new ECU, after replac data, ECU can not work. P	e it. lease write the right data	a.	
-For ECU Configuration using manu 1. Confirm the vehicle's spec and its configuration data, ECU can not wo 2. Operate the saving completely.	al mode configuration k. Please The second s	the service manual. I	f writing the wrong	
Confirmed Instructions			1/1	Next
	Figu	ire 2		

- 8. Select ROGUE and 2014, 2015, or 2016 or Automatic Selection(VIN).
  - If Automatic Selection(VIN) is selected, wait for the Reading VIN screen to complete (picture not shown).
- 9. Select Select.



10. Verify the VIN in **VIN or Chassis #** matches the vehicle.

• If the correct VIN exists, select Confirm.

	CONSULT-III plus Ver.35.11 VIN	- Vehicle : -	Country : United States
	Back Rome Print Screen Capture	Messurement Mode	← 12.3V VI MI ►
	Configuration Vehi	cle Selection	Input VIN
	Please confirm selected information and to to to the selected information and to to the selected selected and the selected select	uch "Confirm". In case you want to select	another vehicle,
Verify	VIN or Chassis #		<x></x>
nere P	Vehicle Name :	ROGUE	
	Model Year	2014	
			Change
		<b></b>	
		lf Oł Co	K, select
	1	<b>-</b> : 4	

Figure 4

11. On the next screen, select **Confirm**.



Figure 5

## 12. Select IPDM E/R.

• Wait for system call to complete.

CONSULT-III plus Ver.35.11	VIN:	Vehicle : F	ROGUE T32 2014	Country : United States	
Betk Rome Print Screen	Screen Cepture	Recorded Belo	12.2V VI MI		
Configuration	Input VIN	System Selection	Operation Selection	5/6	
System Selection					
I ouen "system". In case ECU you want to operate is	not listed below, the v	vehicle or model year mi	ght be selected wrong.		
ENGINE	AIR PF	RESSURE MONITOR	AIR	BAG	
MULTI AV	ĺ	METER/M&A	н	VAC	
EPS/DAST 3	L I	ASER/RADAR	4	AVM	
ABS		BCM	CHASSIS	CONTROL	
IPDM E/R			TRANS	MISSION	
				1/1	

Figure 6

13. Select Manual Configuration.

CONSULT-III plus Ver.35.11	:35.11 VIN. Vehicle : ROGUE T32 2014 Country : Uni				
Back Bome Print Screen	Screen Cepture	Recorded Belp	12.3V VI	X 🖿 📃 🔀	
Configuration	System Selection	Operation Selection		6/6	
Operation Selection					
Touch "Operation". In case over write current ECU, tou- In case replacement of ECU, select a	ch "Reprogramming n operation in REPL	". ACE ECU category.			
REPROGRAMMING					
Reprogramming	In case you w	ant to reprogramming ECU	touch "Reprogramn	ning".	
Replacement OF ECU Programming (Blank ECU)					
Programming	In case you w Before replace After replace E	vant to replace ECU, you s e ECU, ECU data is saved ECU, CONSULT writes ECU	hould operate follow to CONSULT. I data and programm	rings. ing data.	
VEHICLE CONFIGURATION	Manual	Configuration	n case you has alrea ouch "Manual Confi	dy replaced ECU, guration".	

Figure 7

14. Select the **HLL** (Head Light Leveling) tab and then choose the correct vehicle option for the vehicle being configured.

**NOTE:** HLL is applied only to 14MY with LED.

CONS	ULT-III plus	Ver.61.10 Ver.CSP41.10	VIN:5	N1AT2MV7GC	732479	Vehic	le : ROGU	E T32 20	16		Country : Un States	ited
<b>e</b> Back	Home	Print Screen	Screen Capture	Measurement Mode	Recorde Data	d P Help	ERT	12.4V	Yil vi	× MI		
<b>\$</b> 0	Re/programmi Configuratio	ng, 🚺	Writin	ng method election		Manual Configuratio	n	Write C	onfigur	ation		8/10
Manual Co	onfiguration											
Select ''v	vith" or "witl	hout" for the f	ollowing sy	vstem.								
		ltem	8				Settir	ng Value				Č.
HLL					[		WIT	н		▼		
							[	Ste 14	p		Can	cel xt
				F	igu	е 8						

15. Select the **IPDM E/R** tab and then the IPDM ECU part number (**DATA PART NO.**) that was written down in step 1 on the page 2.



Figure 9

16. Select Next.

17. Confirm that the part number is correct and then select **OK**.

18. Select **Next** and wait for the data to transfer.

19. After the data transfer has completed, select **End.** 

**IMPORTANT:** For 2014 MY vehicles that have LED headlights and Headlight Aiming Control System, additional service is required.

• Refer to the Electronic Service Manual (ESM), section EXL – Exterior Lighting System / ADDITIONAL SERVICE WHEN REPLACING CONTROL UNIT.

20. Close the CONSULT PC.