

SERVICE BULLETIN

EL21-010

Reference: NTB21-068

July 29, 2021

Date:

INTELLIGENT AUTO HEADLIGHTS DO NOT COME ON WHEN WIPERS ARE ACTIVE

APPLIED VEHICLES:2020 Sentra (B18)**APPLIED DATE:**Built before September 18, 2020

IF YOU CONFIRM

While in AUTO headlight mode, the Intelligent Headlights do not come ON after four (4) complete sweeps of the windshield wipers.

• The four (4) complete windshield wiper sweeps must occur within a one (1) minute time period.

NOTE: Windshield wipers are set to any ON position.

ACTION

Reconfigure the BCM.

IMPORTANT: The purpose of ACTION (above) is to give you a quick idea of the work you will be performing. You MUST closely follow the entire SERVICE PROCEDURE as it contains information that is essential to successfully completing this repair.

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

- 1. Connect the VI to the vehicle.
- 2. Start C-III plus.
- 3. Wait for the VI to be recognized.
 - The serial number will display when the VI is recognized.
- 4. Select Re/programming, Configuration.

	Back Home	PrintScreen	Screen Capture nt Mode	Conded Data I 4.7V VI MI	
	Connection Status			Diagnosis Menu	
	Seria	al No.	Status	Diagnosis (One System)	
The VI is recognized	VI 232	665 2	►>>))) Normal Mode/Wireless connection	Diagnosis (All Systems)	
	MI	-	No connection	Re/programming,	
	Selec	et VI/MI		Immobilizer	
	Application S	de	Language Setting	Maintenance	
	VDR				

Figure 1

5. Check the "Confirmed instructions" box to acknowledge the precaution instructions have been read, and then select **Next**.

NOTE: Use the arrows (if needed) to view and read all the precautions.



Figure 2

6. Select Automatic Selection(VIN).

Back Home	Print Screen Captu	en Measurement Re	ecorded Data	(12.2V VI MI			
Re/programmi Configuratio	ng, 🚺	Precaution	Vehicle Selection	Vehicle Confirmation			
Automatic S	Automatic Selection(VIN)						
Vehicle Name :				Model Year :	Sales Channel		
*MURANO Camp:P8201	JUKE	QUEST			NISSAN		
350Z	LEAF	ROGUE			INFINITI		
370Z	MAXIMA	SENTRA					
370Z Convertible	MURANO	TITAN					
ALTIMA	MURANO Cross Cabriolet	TITAN					
ALTIMA Hybrid	NISSAN GT-R	VERSA Hatchback					
ARMADA	NV	VERSA Sedan					
CUBE	PATHFINDER	XTERRA			CLEAR		
FRONTIER	PATHFINDER ARMADA	X-TRAIL			Select		
			1/1	0/0			

Figure 3

7. Allow the CONSULT to perform automatic VIN selection.

Back Re/programming	Image: Screen Caoble <th></th>	
Automatic Selec	Automatic Selection (VIN)	
Vehicle can be spec III plus will start sear and touch "Detect Vo	Reading VIN JLT- Illy	
NISSAN MOTOR CO,LTD.JAPAN		
THE FAST THE FAST 日産自動車株式会社 wait H AN VIN	Cancel	
		Detect Vehicle

Figure 4

8. Confirm the **VIN or Chassis #** is correct, and then select **Confirm**.

Back Rome PrintScreen Screen	Measureme Recorded Data	
Configuration	cle Selection Venicle Confirmation	
Please confirm selected information vehicle, touch "Change".	and touch "Confirm". In case you want to select another	
VIN or Chassis #	****	
Vehicle Name :	SENTRA	
ModelYear	2020MY	
	1 / 1	
		Change Confirm

Figure 5

9. Allow the System call to be performed.

Back Home P	intScreen Cather Measureme
Re/programming Configuration	Vehicle Selection Vehicle Confirmation
Please confirm select vehicle, touch "Char VIN or Chassis # Vehicle Name : Model Year	System Call ther
	73% Cancel
	Change

Figure 6

10. Confirm the VIN is correct for the vehicle, and then select **Confirm**.

Back Home PrintScreen Screen Measureme It Mode Recorded Data Recorded At A VI M	
Vehicle Configuration	4/4
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.	1
NSSAR WOTOR COLITOLAPAR WSTAR WOTOR COLITOLAPAR WSTAR	
VIN (17 or 18 digits) XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
	Confirm

Figure 7

11. Select BCM.

Back Home PrintScreen Screen Capture	Measureme nt Mode Data					
Configuration	Input VIN System Selection	Operation Selection 5/				
System Selection						
Touch "system". In case ECU you want to operate is not listed below, the vehicle or model year might be selected wrong.						
[]		(
LASER/RADAR	Side radar (Rear left)	CHASSIS CONTROL				
всм	Side radar (Rear right)	TRANSMISSION				
SONAR	TELEMATICS	ICC/ADAS 2				
LANE CAMERA	HVAC					
AIR BAG	AVM					
		2 / 2				

Figure 8

12. Select After ECU Replacement under VEHICLE CONFIGURATION.

Back Rome Print Screen Capture	Measurement Mode	AT 14.7V VI MI		
Sy:	stem Selection Operation Selection	7/7		
Operation Selection				
Touch "Operation". In case over write current ECU, touch "R In case replacement of ECU, select an ope	eprogramming". ration in REPLACE ECU category.			
REPROGRAMMING				
Reprogramming	In case you want to reprogramming ECU	, touch "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.		
VEHICLE CONFIGURATION				
Before ECU Replacement	After ECU Replacement	Touch "Before ECU Replacement", Operation log with configuration data is saved to CONSULT.		

Figure 9

13. Select Manual selection.

whong meanos selection	
Select an operation from the Touch "EPC linked" or "Manu	following list. al selection".
	Touch "EPC linked" to select automatic selection for writing data using the file genera in EPC.
EPC linked	
	b
-	
	Touch "Manual selection" to select writing data manually.

Figure 10

14. Select Next.

NOTICE

To prevent damage to the BCM, do not change/modify any of the settings.

Re/programming, Configuration	Manual Configuration Write Configuration 5/7				
Manual Configuration					
Identify the correct model and configuration list described in Service Manual. Confirm and/or change setting value for each item, touch "Next".					
Make sure to touch "Next" even if configuration list is not displayed. If not, configuration which is set automatically by selecting vehicle model can not these settings					
всм					
Items	Setting Value				
Low pressure recovery threshold value	MODE1				
Exterior lamp setting	MODE2				
Vehicle speed condition for ignition ON / OFF					
Door lock permission for ignition ON	WITH Cancel				
Wiper linked auto lighting function	WITH VI				
4/4 Next					

Figure 11

15. Verify the ignition is ON and the engine is OFF, and then select **OK** to write the configuration.

Re/programming, Configuration	Manual onfiguration	rite Configuration	Print Result / Operation Complete	6/7
Vrite Configuration				
Following setting value for each item are a Confirm setting value for each items, if OK,	saved to vehicle ECU. touch "OK" to save th	em to vehicle ECU.		
ВСМ				
Items		Settin	g Value	
Daytime running light		W	ітн	
Lane camera unit		W	ітн	
High beam assist / ALH setting		мо	DE2	
AV control unit		W	ітн	Cancel
тси		W	ітн	
			1/4	ок
		a de la contra de la		

Figure 12

16. Select USA/CANADA Dealers from the drop down menu, and then select OK.



Figure 13

17. Login using your NNAnet credentials.

Beck		
NNA Federation		
	Please error your UserD below. Username Passwort Password Submit	
Restart Logo		Second

Figure 14

18. Allow the configuration to write to the BCM.

Re/programming, Configuration	Manual Configuration	rite Configuration Print R Operation	esult / Complete 6/7
Write Configuration			
Following setting value for Confirm setting value for	Transfer dataPlease wait f	or a while	
BCM Daytime running ligh		00	
High beam assist / A			9%
AV control unit		WITH	Cancel
тси		WITHOUT	
		1/4	ОК

Figure 15

19. Select End.

Re/programming, Configuration	Configuration Op	Print Result / eration Complete		11/11
Print Result / Operation Complete	Print Result / Operation Complete			
Write Configuration has been successfully completed. Touch "End" to finish operation, and to back to Home Screen. Confirm each function works correctly.				
ВСМ				
Items		Setting V	alue	
Low pressure recovery threshold value		MODE	1	
Exterior lamp setting		MODE	2	
Vehicle speed condition for ignition ON / OFF		MODE	2	Print
Door lock permission for ignition ON		WITH	I	Other Operation
Wiper linked auto lighting function		WITH	I	
4 / 4 End				

Figure 16

CLAIMS INFORMATION

Submit a Primary Part (PP) type line claim using the following claims coding:

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Perform BCM Configuration	(1)	RX6DAA	ZE	32	0.3

(1) Reference the electronic parts catalog and use the BCM Controller Assy (284B1-****) as the Primary Failed Part (PFP).

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
July 29, 2021	NTB21-068	Original bulletin published
