

# RECALL CAMPAIGN BULLETIN

Reference: NTB08-004

January 12, 2008

# VOLUNTARY RECALL CAMPAIGN 2007 – 2008 ALTIMA BODY CONTROL MODULE / TPMS

CAMPAIGN ID #:	P7267
NHTSA #:	07V-599
APPLIED VEHICLES:	2007 Sedan and Hybrid (L32 and L32HV)
	2008 Sedan, Coupe and Hybrid (L32, CL32, and L32HV)
APPLIED VINs:	1N4*L21E*7C 109125 – 235457
	1N4*L21E*7N 400827 – 498708
	1N4*L21E*8C 112049 – 141969
	1N4*L21E*8N 404850 – 433072
	1N4*L24E*8C 106399 – 128027

**NOTE:** Within the above VIN ranges, only about 115 vehicles are affected by this campaign. **Use Service Comm to determine campaign eligibility.** 

# INTRODUCTION

Nissan has determined that a defect which relates to motor vehicle safety exists in some 2007 and 2008 model year Nissan Altima vehicles. The vehicles affected by this campaign had the Body Control Module (BCM) replaced during service at a Nissan dealership after October 1, 2007 and before November 30, 2007. During that service, the Tire Pressure Monitoring System (TPMS) may have been inadvertently deactivated due to an issue with the dealer service software. If the TPMS is turned off, it would not alert the driver to a decrease in the tire pressure as designed. Driving on under-inflated tires is unsafe and could result in a crash. To correct this potential condition Nissan is conducting a Voluntary Safety Recall Campaign to check the TPMS function and reactivate it if necessary.

# **IDENTIFICATION NUMBER**

Nissan has assigned identification number P7267 to this campaign. This number must appear on all communications and documentation of any nature dealing with this Campaign.

# NUMBER OF VEHICLES POTENTIALLY AFFECTED

The number of vehicles potentially affected by this campaign is approximately 115

#### DEALER RESPONSIBILITY

It is the dealer's responsibility to check Service Comm for the campaign status on each vehicle falling within the range of this voluntary safety recall which for any reason enters the service department. This includes vehicles purchased from private parties or presented by transient (tourist) owners and vehicles in a dealer's inventory. Federal law requires that new vehicles in dealer inventory which are the subject of a safety recall must be corrected prior to sale. Failure to do so can result in civil penalties by the National Highway Traffic Safety Administration. While federal law applies only to new vehicles, Nissan strongly encourages dealers to correct any used vehicles in their inventory before they are retailed.

#### **Repair Over view**



#### SERVICE PROCEDURE

#### Check CONSULT-III (C-III) Software Version

**NOTE:** C-III software version <u>must be</u> **08.14.01.00.00 or later** to perform this procedure.

- 1. Turn ON the Toughbook® PC.
- 2. Start CONSULT-III (C-III).
- 3. Select OK (see Figure A).
- 4. Select Sub-Mode.



Figure A

#### 5. Select Version-Display.

	GONSULT-	ш		
				IT:30
			10.	<u>~</u>
	_		Sub-Mode	
		Measurement Mode		
		Oscilloscope Mode		
	39	VDR		
	- B	Data Control		
		Print Mode		
Step	VII	Version Display		
		Setting		
		E-mail Sending		
	2 Ka	0-12 T4		
			Figure B	

- 6. Make sure the C-III software version is Ver.08.14.01.00.00 or later (see Figure C).
  - If the software version is not Ver.08.14.01.00.00 or later, update the C-III software before doing this procedure.

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	<b>_</b>	Version Display	_
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Ctore			
Step		Software Version Ver.08.14.01.00.00	
6			
		Reprogramming Data Unable to obtain REPROG Data version.	
	No.	VI	
	18 Par	VI cannot be detected	
		vi cannot be detected.	
		MI	
	V1.3.0	MI cannot be detected.	
		Security Card Security Card cannot be detected Please check the installation	
		becunty ond becunty ond cannot be detected. Flease theck the installation.	
	1		
	21110		
		⊢igure C	

# **BCM TPMS Configuration**

- 1. Connect the Vehicle Interface (VI) to the vehicle
- 2. Make sure the Toughbook® PC battery is charged, or connect the AC Adapter.
- 3. Turn the ignition ON (engine OFF).
- 4. Turn ON the Toughbook® PC.
- 5. Start CONSULT-III (C-III) or select the Home icon.
- 6. Wait for the "Detecting VI/MI in progress" message to clear.
- 7. Select the detected VI from the list. (See Figure 1.)
- 8. Select Connect.



- 9. Wait for the "Checking the firmware version" message to clear.
- 10. Select Altima and the the applicable model year from the list. (See example in Figure 2.)

# 11. Select Select.

	i:39
Vehicle Selection : Identification Vehicle	
Market Code: Area Code: Country Code:	
NAM North America U.S.A.	
VIN: 13ALC220100000 Clear V	IN
Vehicle Name : Model Year :	
ALTIMA 2008	
Step 350Z	
ALTIMA Hybrid	_
ARMADA	
ECM Reprogramming/Programming	
FRONTIER	Stop
Glear	
	5:39 AM

- 12. Make sure the correct vehicle is displayed. (See Figure 3.)
- 13. Select **Confirm**.

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		🇞 🕄 🔽			
	-		ST.		
		Vehicle Selection	n : Confirmation Vehic	cle	
		Market Code:	Area Code:	Country Code:	
	<b>A</b> °	NAM	North America	U.S.A.	
		VIN :	PANTICATURE		
Step		Vehicle Name	ALTIMA		
12		Model Year :	2008		
		L			
					01
				Change Confirm	Step
					13
	- start				

Figure 3

14. Wait for the System Call and CAN Diagnosis to complete.

**NOTE:** When CAN Diagnosis reaches more than 51% the icons will light. At that point you can continue with the procedure.

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(	CAN Diagno	sis								15
	SIS-Code :								Clear	Search
	CAN types	1	2	3	4	5	6	7	8	-
	ECM	~	~	~	~	~	~	~	~	
	ABS		~			~	~	~	~	
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	A-BAG	~	~	~	~	~	~	~	~	differ
	тсм			~	~	~	~			
	AV				~		~		~	
	STRG									
	IPDM-E	~	~	~	~	~	~	~	~	
	*			10 S	1		() ()			

15. Select the "Repair" icon.

16. Select the "Electronical Repair" icon.



# 17. Select BCM.

CONSU	17 II	
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		*
7		
	SELECT SYSTEM	
R	System	
Ë	IPDM E/R	
000	BCM Step	
	METER/M&A	
~		NOTE: your
SA		display may
		differ
		014
		OK
	Figure 6	

- 18. In the "Select Sub System" pop-up window use the scroll bar to find and select **BCM**. (See Figure 7.)
- 19. Select OK.

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			*
	SELECT SUD-SYSTEM		
SELECT SYSTE	HEAD LAMP	50	croll
Statem.	WIPER	🛛 🖌 ba	ar 🔤
IPDM E/R	FLASHER		
BCM	AIR CONDITONER		
METER/M&A	INTELLIGENT KEY		display may
	COMB SW		differ
	BCM	l	
	IMMU	0.0	1
	Cancel OK	19	
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Figure 7

20. Select OK.



21. Select the "Configuration" icon.



# 22. Select OK.

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<b>a</b>		*3	
-			
	CONFIGURATION - BCM		
F	DO NOT EXECUTE THIS FUNCTION EXCEPT FOR C/U REPLACEMENT.	-	
455 1710			
			•
		ок	Step
			22
	Figure 10		

# 23. Select WRITE CONFIGURATION – Manual setting. (See Figure 11.)

# 24. Select Next.

THE INFIGURATION - BCM		
READ CONFIGURATION WRITE CONFIGURATION - Manual setting WRITE CONFIGURATION - Config file Step 23		
Figure 11	Next	Step 24

**NOTE:** It is recommended that you write down or print the manual setting items and values (see Figure 12). Although it is not expected, you will need them if the BCM is replaced.

- 25. Make sure the Tire Pressure Value matches the label on the drivers door jam (see Figure 12).
- 26. Select Setting Change.

CONSULT-III				
			05:33	
	!0?		*	
WRITE CONFIGU	Recommend you write down or prir this information	nt value. Refer to		
Manual setting	m	Value		
AUTOLIGHT	Item			
DTRL		WITHOUT		
TRANSMISSION		MT with ABS		
TR CANCEL SW		with •		
TIRE PRESSURE		220kPa 🔹		
😽 start. ) 🖃 consut-ill	Step 25	× • •	End Setting change	Step 26
	Figure 12	2		

27. Select **OK**.

Are you sure you want to change the setting' value will be changed. Manual setting item	? Press `OK' then setting		
Itom	Value		
AUTO LIGHT	WITH A		
DTRL	WITHOUT		
TRANSMISSION	AT with ABS		
TR CANCEL SW	WITH	End	
		ок	Step
	×		27

Figure 13

# 28. Select Auto setting item.

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		R 6 2 2			
	WRITE CONFIGURATION - Manual settin				
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	Please check the printout and press OK	Print			
	selection screen.			⊿ [	Step
DO			Auto setting item		28
	Manual setting item				20
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	Item	Value			
	AUTO LIGHT	WITHOUT -	1		
	TRANSMISSION	MT with ABS			
	TR CANCEL SW	WITH			
			OK		

29. Use the scroll bar to find the TPMS setting and make sure it is set to "**With**" (see Figure 15).

30. Select OK.

				05:36				
		!	200	*				
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	WRITE CONFIGURAT							
A MARTIN								
	Please check the prin	Please check the printout and press `OK' to return to the system Print						
T d	selection screen.							
				Manual setting item				
	Auto setting item			Scroll bar				
	It	tem	Value					
	TR OPEN SW (INT)		MODE2					
	FOG LAMP BULB		SINGLE BULB					
	H/L BULB		DEFAULT	F				
	FR FOG LAMP	Step	WITH					
	DI LMP VARIAT	29	MODE1					
	LIGHT RECOG		MODE6					
	TPMS		WITH	Ste	ep			
	RR WIPER GND		MODE2		0			
					-			
stari	CONSULT-IT			10 10 10 10 5:36 AM				

Figure 15

31. Close C-III.

32. Turn the ignition OFF.

33. Disconnect the VI from the vehicle.

34. Check the tire pressure in all 4 tires; adjust as need.

• Refer to the label on the driver's door jam for tire pressure specification.

**NOTE:** Tire pressure should be checked often, especially after seasonal temperature changes.

35. Turn the ignition ON and make sure the low tire pressure warning light comes on for about 1 second and then goes out.



Figure 16

# **CLAIMS INFORMATION**

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

"CM" I.D.: P7267

DESCRIPTION	OP CODE	FRT	
Reconfigure BCM with Consult-III	P72670	0.5	

#### **OWNER'S LETTER**

Dear Nissan owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Nissan has decided that a defect which relates to motor vehicle safety exists in some 2007 and 2008 model year Nissan Altima vehicles. Our records indicate that you own the Nissan vehicle identified by the Vehicle Identification Number on the cover of this notice.

#### **Reason for Recall**

The vehicles affected by this campaign had the Body Control Module (BCM) replaced during service at a Nissan dealership after October 1, 2007 and before November 30, 2007. During that service, the Tire Pressure Monitoring System (TPMS) may have been inadvertently deactivated due to an issue with the dealer service software. Our records indicate that the BCM in your vehicle was replaced during this time period.

If the TPMS is turned off, it would not alert the driver to a decrease in the tire pressure as designed. Driving on under-inflated tires is unsafe and could result in a crash.

#### What Nissan Will Do

In order to correct this issue, your Nissan dealer will check the TPMS function in your vehicle, and reactivate it if necessary. This free service should take about one hour to complete, but your Nissan dealer may require your vehicle for a longer period of time based upon their work schedule, or parts availability.

#### What You Should Do

Contact your Nissan dealer at your earliest convenience in order to arrange an appointment to have your vehicle repaired. Please bring this notice with you when you keep your service appointment. Instructions have been sent to your Nissan dealer. If the dealer fails, or is unable to make the necessary repairs free of charge, you may contact the National Consumer Affairs Department, Nissan North America, Inc., P.O. Box 685003, Franklin, TN 37068-5003. The toll free number is 1-800-NISSAN1 (1-800-647-7261). You may also contact the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Avenue, SE., Washington, DC 20590; or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY: 1-800-424-9153); or go to http://www.safercar.gov.

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within ten days.

Thank you for your cooperation. We are indeed sorry for any inconvenience this may cause you.