

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.

	CONSULT-III	Î.		
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			Sub-Mode	
	-		Sub-Mode	
	57	Measurement Mode		
	n A A			
	XX	Oscilloscope Mode		
	37	VDR		
		VDIN		
	50	Data Control		
		Print Mode		
Step	V1.3.0	Version Display		
5				
		Setting		
		E-mail Sending		
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	· Nin	0-16 T		
			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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Step		Software Version Ver.08.14.01.00.00
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	17PM	VI
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	E	
		MI
	¥1.3.0	MI cannot be detected.
		Security Card Security Card cannot be detected. Please check the installation.
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		Figure 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.

Vehicle Selection : Identification Vehicle
Market Code: Area Code: Country Code:
VIN : 12002555500000 Clear VIN
VIN: 1.3AL CONTROL Clear VIN
Vehicle Name : Model Year :
ALTIMA 2008
1002 2008
10 ALTIMA 2007
ALTIMA Hybrid
ARMADA
ECM Reprogramming/Programming
FRONTIER
INFINITI EX35
Figure 2

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

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Step		Vehicle Name	ALTIMA		
12		Model Year :	2008		
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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	1
	CAN types	1	2	3	4	5	6	7	8	-
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	ABS		~			~	~	~	~	
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	STRG									
	IPDM-E	~	~	~	~	~	~	~	~	
	•					1				≚ Next

15. Select the "Repair" icon.

16. Select the "Electronical Repair" icon.



17. Select BCM.

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	SELECT SYSTEM	
R	System	
	IPDM E/R	
	BCM Step 17	-
	METER/M&A	-
		NOTE: your
SA		display may
		differ
		01/
		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.

SELECT SYSTE HEAD LAMP Scroll
System VIPER bar
BCM AIR CONDITIONER NOTE: your display may
Step 18 BCM COMBSW Com
Cancel OK Step 19

Figure 7

20. Select OK.



Figure 8

21. Select the "Configuration" icon.



22. Select OK.

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

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

24. Select Next.

CONFIGURATION - 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.

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DTRL		WITHOUT		
TRANSMISSION		MT with ABS		
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TIRE PRESSURE	:	220kPa 🔹		
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	Figure 12	2		

27. Select **OK**.

WITE CONFIGURATION - Manual settin			
Are you sure you want to change the settin value will be changed. Manual setting item			
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DTRL	WITHOUT		
TRANSMISSION	AT with ABS		
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Figure 13

28. Select Auto setting item.

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	selection screen.			Step
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	Manual setting item			20
	Item	Value		
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	TRANSMISSION	MT with ABS		
	TR CANCEL SW	WITH		
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	Figure	14		

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

30. Select OK.

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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.