



RECALL CAMPAIGN BULLETIN

Reference:

NTB10-031b

Date:

October 22, 2010

VOLUNTARY SAFETY RECALL CAMPAIGN 2006 AND 2008 FRONTIER, XTERRA, PATHFINDER FUEL GAUGE INACCURACY

<p>This bulletin has been amended. Step 6 was added to the Service Procedure. Please discard previous versions of this bulletin.</p>
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CAMPAIGN ID #: PC042
NHTSA #: 10V-075
APPLIED VEHICLES: 2006 and 2008 Frontier (D40)
2006 and 2008 Xterra (N50)
2006 and 2008 Pathfinder (R51)

Check Service COMM to confirm campaign eligibility.

INTRODUCTION

Nissan is conducting a voluntary safety recall campaign on certain MY2006 and 2008 Frontier, Xterra, and Pathfinder vehicles to address a potential fuel gauge inaccuracy. Specifically, the issue can cause the fuel gauge to show that the vehicle still has some fuel, typically about one quarter tank, when the fuel tank is actually empty. To remedy this potential condition, Nissan is conducting this Voluntary Safety Recall Campaign to replace the fuel level sending unit with a new one at no charge for parts or labor.

IDENTIFICATION NUMBER

Nissan has assigned identification number PC042 to this campaign. This number must appear on all communications and documentation of any nature dealing with this campaign.

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.

SERVICE PROCEDURE

1. Remove the fuel pump assembly from the vehicle and place it in a clean working area.
 - Refer to section FL in the applicable Service Manual for removal information.
 - Make sure to follow all Service Manual warnings and cautions.

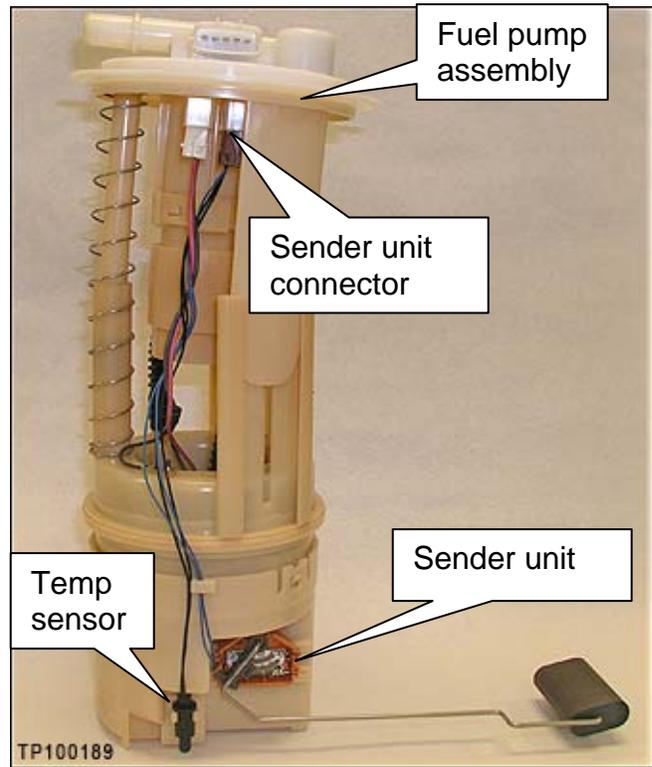


Figure 1

2. At the top of the fuel pump assembly, disconnect the brown connector.
3. Unwind the harness.

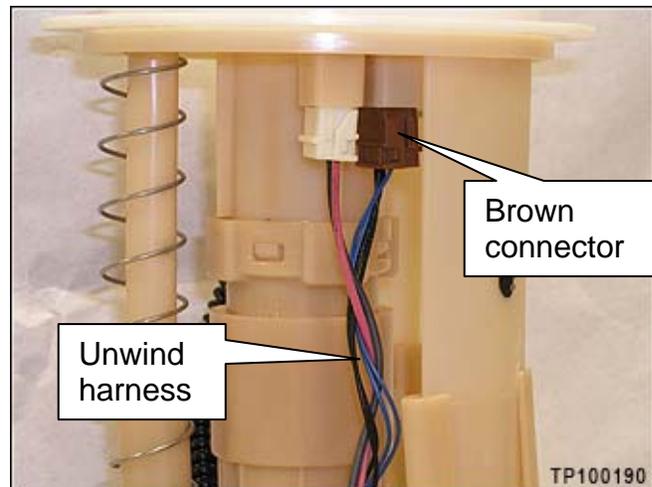


Figure 2

4. Remove the fuel gauge sender unit from the fuel pump assembly as follows:
 - a. Press in on the lock tab.
 - b. Slide the sender unit off.
 - c. Unclip the fuel temperature sensor.

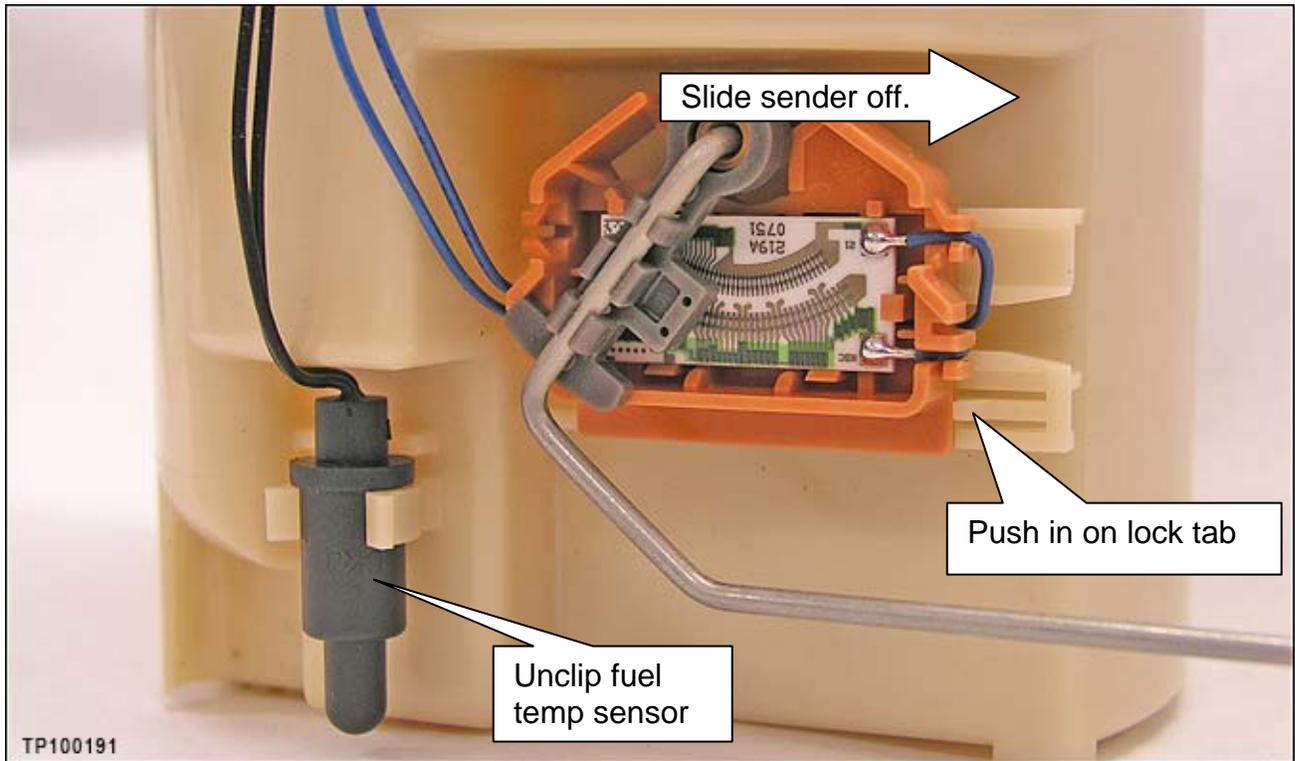


Figure 3

5. Install the new fuel level sender unit in reverse order.

Make sure:

- Sender connector and fuel pump connector are securely connected.
- Fuel pump harness and sender harness are wrapped / twisted together.
- Sender and temp sensor wires are inside guide clip.
- Sender unit is locked in place.
- Temp sensor is clipped in place.

CAUTION: Do not bend the float arm when handling the new fuel gauge sender unit.

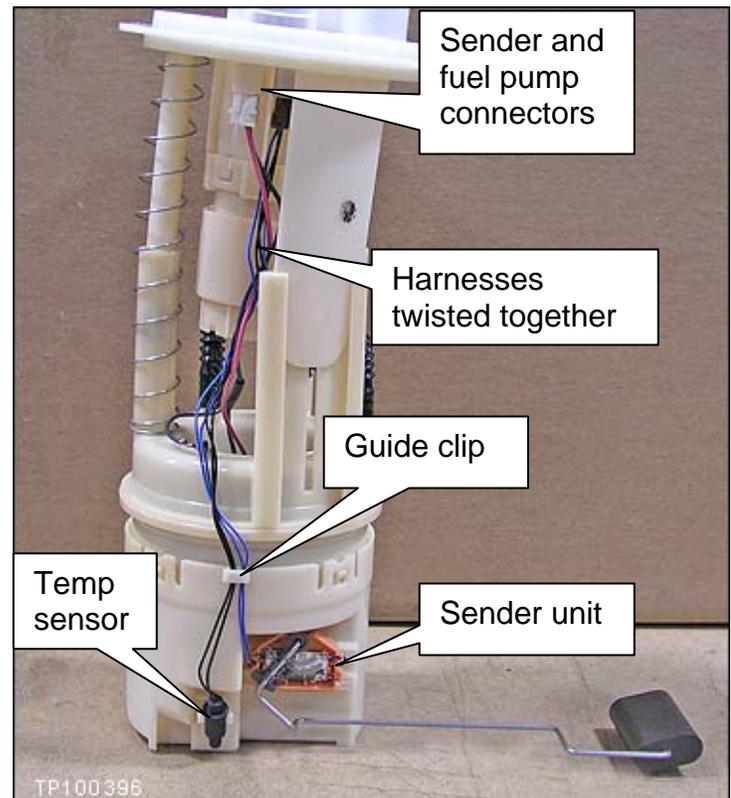


Figure 4

6. Install the sender unit cover over the sender unit.
- Slide cover on until it snaps in place.
 - Make sure the 2 clips at the top of the cover are snapped / locked in place.
 - Make sure the lower flange is under the bottom of the fuel pump assembly.
 - Carefully move the float arm through its entire range of motion making sure there is no interference.

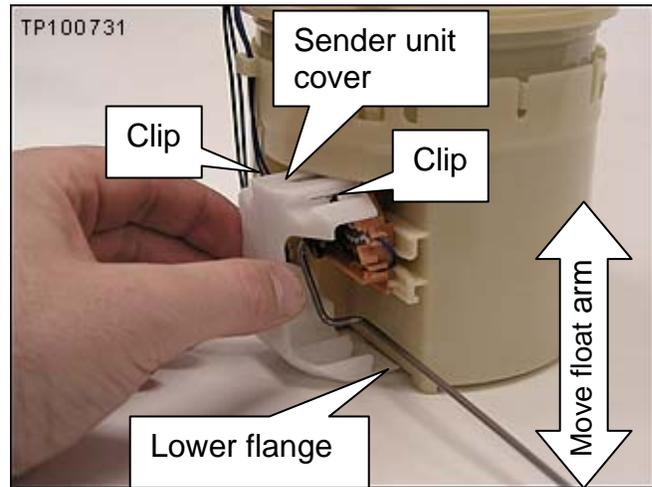


Figure 5

7. Carefully reinstall the fuel pump assembly back into the fuel tank.

IMPORTANT:

- Use a new seal (O-Ring).
- **Make sure** the fuel pump assembly is installed **straight down** into the tank as shown in Figure 6.

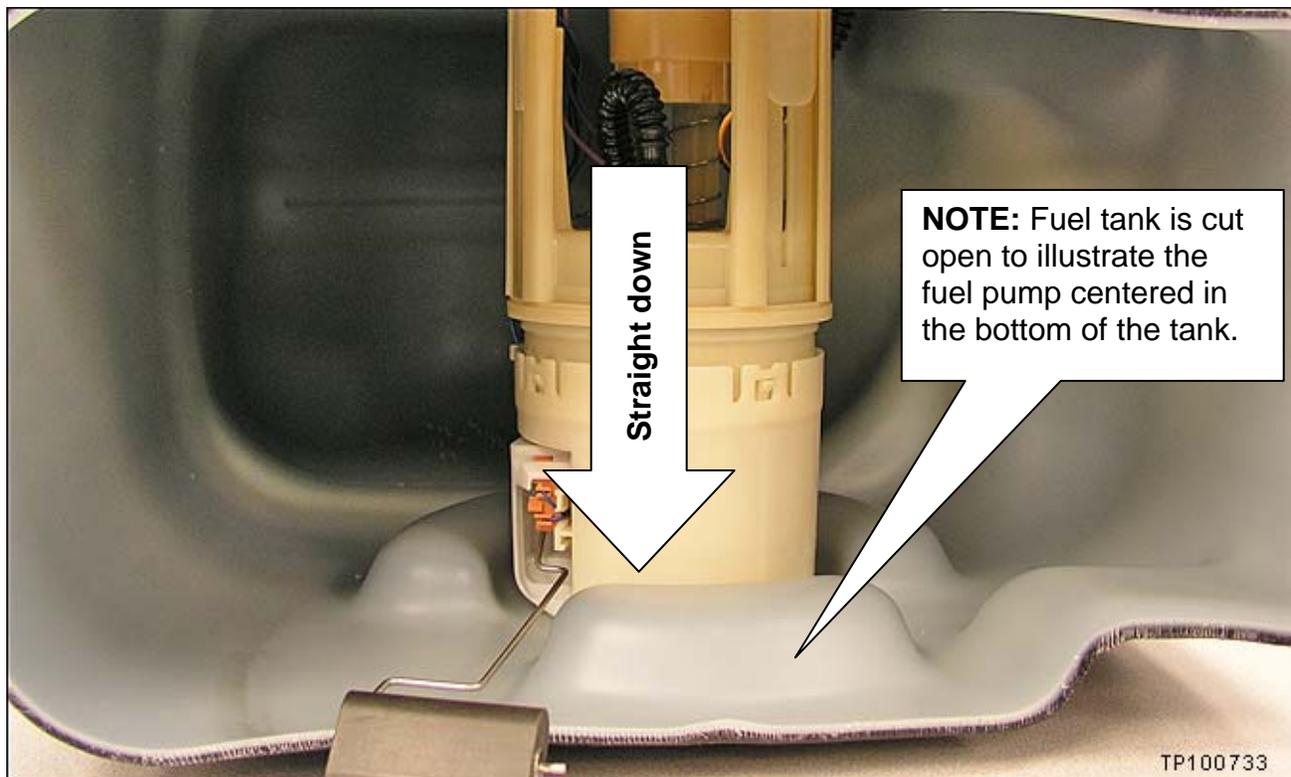


Figure 6

8. Install the fuel pump assembly lock ring as follows:

- a. Place the fuel pump assembly locating tab between the lock ring holders.

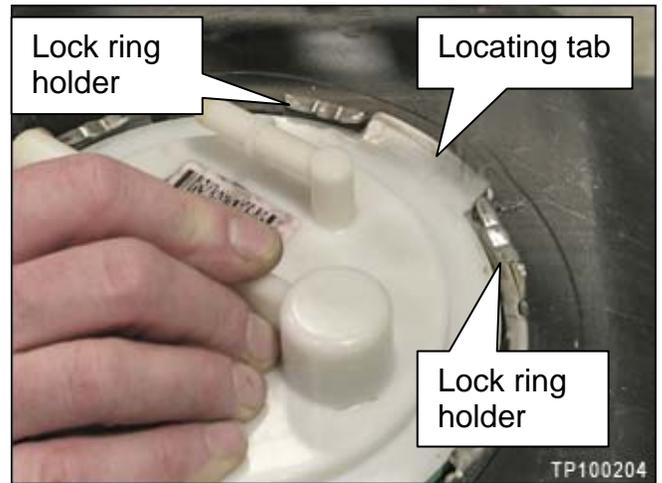


Figure 7

- b. Place the lock ring on top of the fuel pump assembly.
- c. Insert a pocket screwdriver between the fuel pump assembly plastic locating tab and the lock ring holder as shown in Figure 8.

NOTE: The pocket screwdriver will hold the plastic locating tab to the left (counterclockwise) while turning the lock ring to the right (clockwise).

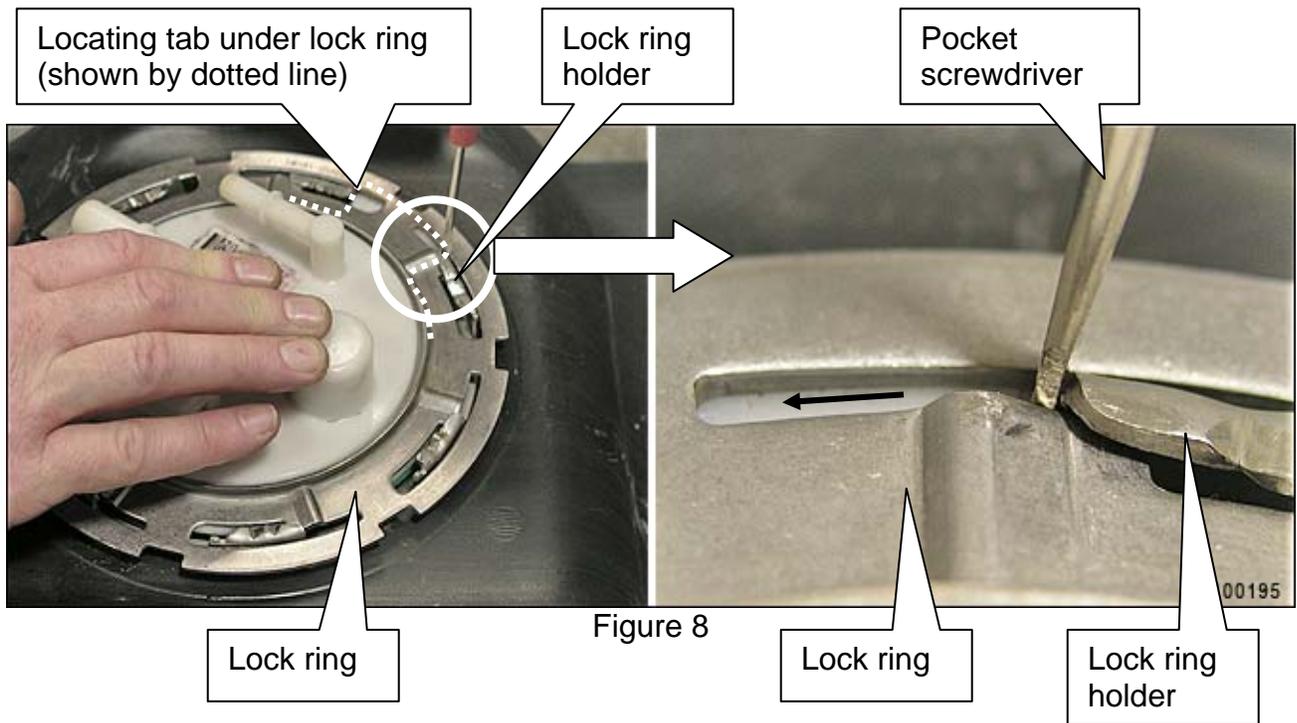


Figure 8

- d. Hold the pocket screwdriver in place while installing / tightening the lock ring.

NOTE:

- Use Special Tool J-45722 to install the lock ring.
- DO NOT use an impact wrench to install the lock ring.
- The pocket screwdriver will hold the plastic locating tab to the left (counterclockwise) while turning the lock ring to the right (clockwise).



Figure 9

- e. Once the lock ring is in the locked position remove the pocket screwdriver.

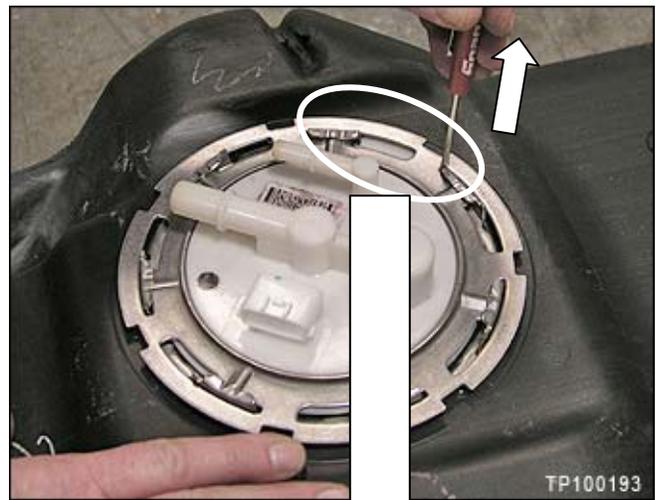


Figure 10

- f. Make sure the locating tab is touching the lock ring holder on the opposite side from where the pocket screwdriver was inserted.

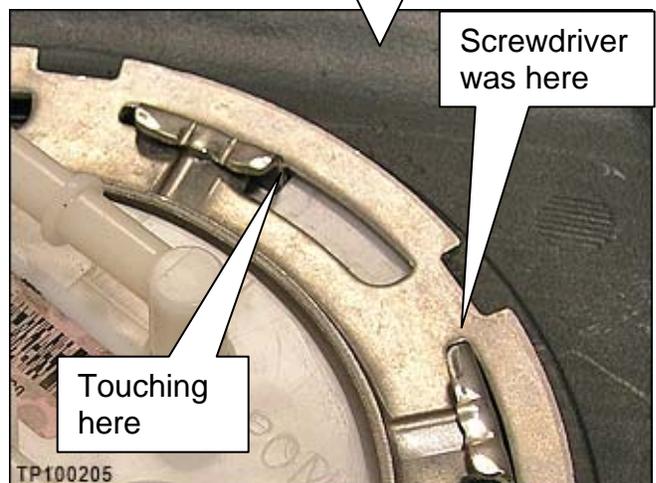


Figure 11

9. Reinstall the fuel tank back into the vehicle in reverse of removal.

- Refer to the Service Manual as needed.

10. Confirm the Fuel Gauge operates properly.

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QTY
Sender Unit – Fuel Gauge	25060 – ZZ00A	1
Clip (Sender Unit Cover)	17574 – ZZ00A	1
Seal – O-Ring	17342 – EA000	1

CLAIMS INFORMATION

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

“CM” I.D.: PC042

DESCRIPTION	OP CODE	FRT
Replace Fuel Gauge Sender Unit Frontier 2WD with VQ (V6) engine	PC0420	1.3

OR

DESCRIPTION	OP CODE	FRT
Replace Fuel Gauge Sender Unit Frontier 4WD with VQ (V6) engine Frontier with QR (4cyl) engine 2WD or 4WD	PC0421	1.4

OR

DESCRIPTION	OP CODE	FRT
Replace Fuel Gauge Sender Unit (Xterra)	PC0420	1.3

OR

DESCRIPTION	OP CODE	FRT
Replace Fuel Gauge Sender Unit (Pathfinder)	PC0422	1.6 hrs

OWNER'S LETTER (example of typical owner's letter)

Dear Nissan Frontier 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 certain 2006 and 2008 Model Year Nissan Frontier vehicles. Our records indicate that you own or lease a Model Year 2006 or 2008 vehicle identified on the cover of this notice.

Reason for Recall

The fuel tank shells on some vehicles manufactured during these time periods were built out of specification. As a result, the fuel sender unit may skew over time, and send an incorrect reading to the instrument panel fuel gauge, causing it to show that the vehicle has approximately one quarter tank when the fuel tank is empty. If this were to occur on your vehicle, the vehicle could stall, which could create an unsafe condition which could result in a crash.

What Nissan Will Do

Your Nissan dealer will replace the fuel level sending unit inside the fuel tank with a new one having a modified float arm. This service, free of charge for parts and labor, should take three hours to complete, but your Nissan dealer may require your vehicle for a longer period of time based upon their work schedule.

Nissan is also providing complimentary 24 hour Roadside Assistance until March 31, 2011. If you have purchased a Nissan Security+Plus extended service contract that includes the benefit of Roadside Assistance and the expiration date is after March 31, 2011, twelve months of Roadside Assistance will be provided beyond the contract expiration date.

What You Should Do

Contact your Nissan dealer as soon as possible to have your vehicle inspected. In the meantime, **please maintain the fuel level in your vehicle so that the fuel gauge reads above the one half position.** In addition, please remove the sticker located on the bottom of this letter and place it into your Nissan Warranty Information Booklet to remind you should you ever need to use it. Some of the benefits provided include 24 hour emergency roadside fuel delivery and towing to the nearest Nissan dealer. The toll-free number is 1-800-528-2053. Please bring this notice with you when you keep your service appointment. Instructions have been sent to your Nissan dealer.

If you have previously paid to have your fuel gauge replaced prior to this campaign, you may be eligible for reimbursement of the related expense. Please contact the National Consumer Affairs Department for instructions. 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). If the dealer fails, or is unable to make the necessary repairs free of charge, you may submit a complaint to 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.



Nissan is providing complimentary 24 hour Roadside Assistance on your 2006 or 2008 Nissan Frontier vehicle until March 31, 2011 or 12-months from your Nissan coverage end date. Please call the toll-free number 1-800-528-2053 if you need roadside fuel delivery, towing, dead battery jump start, flat tire, or lockout service.