

NISSAN

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RECEIVED

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OFFICE OF DEFECTS
INVESTIGATION

March 20, 2006

Mr. George Person
Chief, Recall Analysis Division
Office of Defects Investigation
Safety Assurance
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, D.C. 20590

Ref: 06V-003

Dear Mr. Person:

The enclosed communication is being provided pursuant to 49 CFR Part 573.6(c)(9).

Technical Compliance Department

Encl.



RECALL CAMPAIGN BULLETIN

Reference:

NTB06-023

Date:

March 17, 2006

VOLUNTARY RECALL CAMPAIGN FUEL TANK PROTECTORS

CAMPAIGN I.D. # / NHTSA #: R0516 / 06V-003

APPLIED VEHICLE: 2003-06 Murano (Z50)

APPLIED VINS:

2003 MY: JN8AZ08T*3W100007 - 123688
JN8AZ08W*3W200005 - 238520

2004 MY: JN8AZ08T*4W200003 - 228686
JN8AZ08W*4W300006 - 343525

2005 MY: JN8AZ08T*5W300104 - 332101
JN8AZ08W*5W400011 - 445241

2006 MY: JN8AZ08T*6W400007 - 405716
JN8AZ08W*6W500021 - 514232

NOTE: Use Service Comm to confirm campaign eligibility.

INTRODUCTION

Nissan has determined that some 2003-2006 model year Nissan Murano vehicles may have a defect which relates to motor vehicle safety. If the front tires run over a small, sharp object in the road, there is a possibility that a front tire may propel it towards the rear of the vehicle. Due to the location of the fuel tank, the object may strike the forward portion of the tank. This could result in a puncture in the tank and a fuel leak. If an ignition source is present, a fire could occur. To prevent this condition from occurring, Nissan is conducting a Voluntary Safety Recall Campaign to install protectors in front of the fuel tank free of charge.

IDENTIFICATION NUMBER

Nissan has assigned identification number R0516 to this campaign. This number must appear on all communications and documentation of any nature dealing with this campaign.

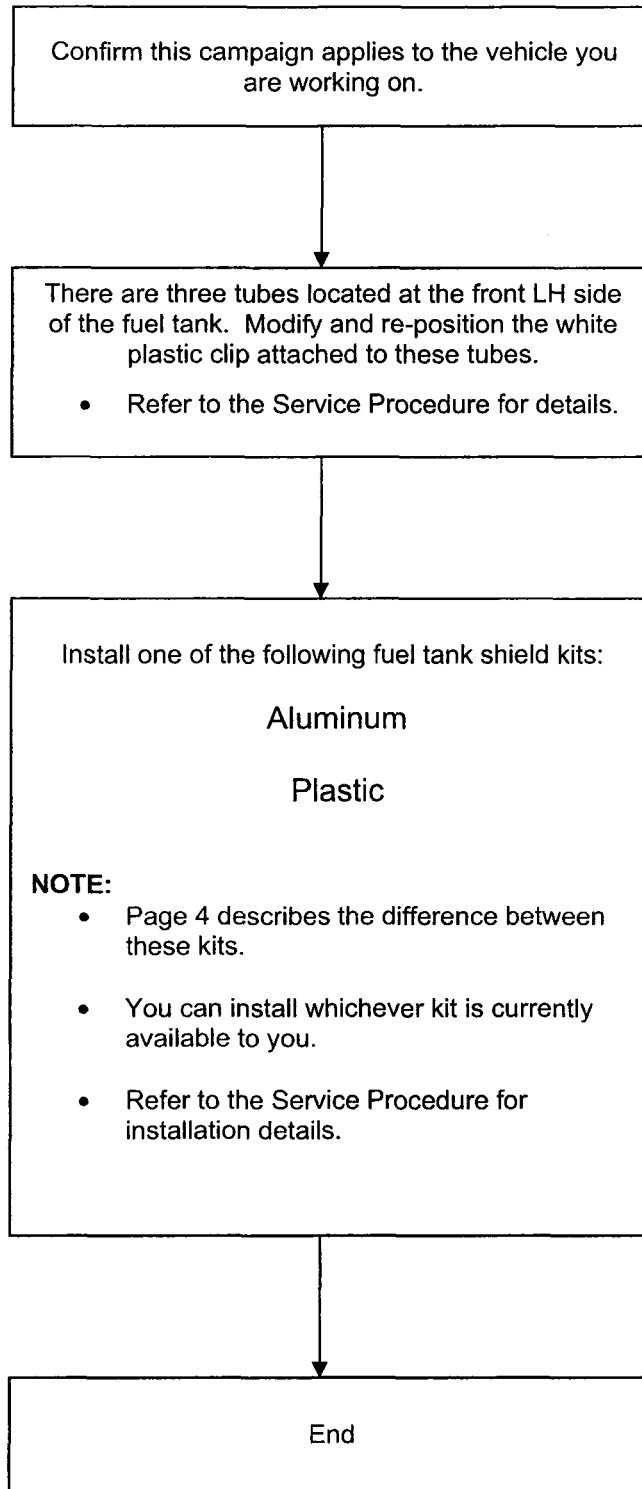
NUMBER OF VEHICLES POTENTIALLY AFFECTED

The number of vehicles potentially affected is approximately 210,000.

DEALER RESPONSIBILITY

It is the retailer'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 delivery under a sale or lease. 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 OVERVIEW



REQUIRED PARTS

There are two types of fuel tank shield kits available. You can use either one.

- Aluminum
- Plastic

Both kits fit all Murano vehicles. These kits are installed in the same general location, however, there are some minor differences. The differences are outlined in the Service Procedure.

ALUMINUM FUEL TANK SHIELD KIT

Contains:

- 1 - LH shield
- 1 - RH shield
- 2 - Plastic rivets

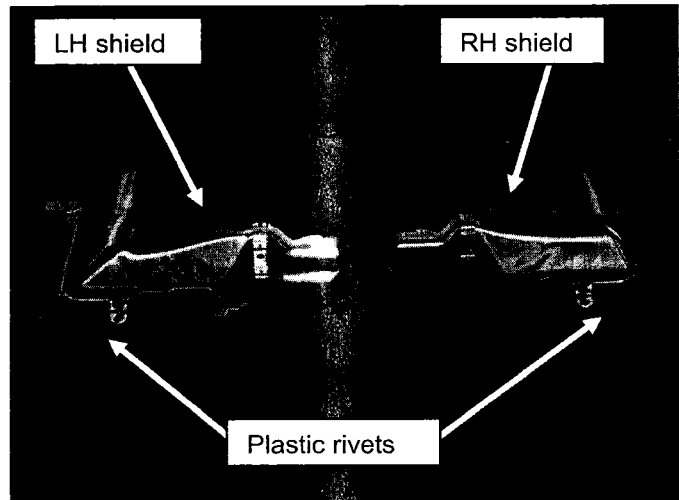


Figure 1

PLASTIC FUEL TANK SHIELD KIT P/N

Contains:

- 1 - LH shield
- 1 - RH shield
- 4 - Plastic rivets

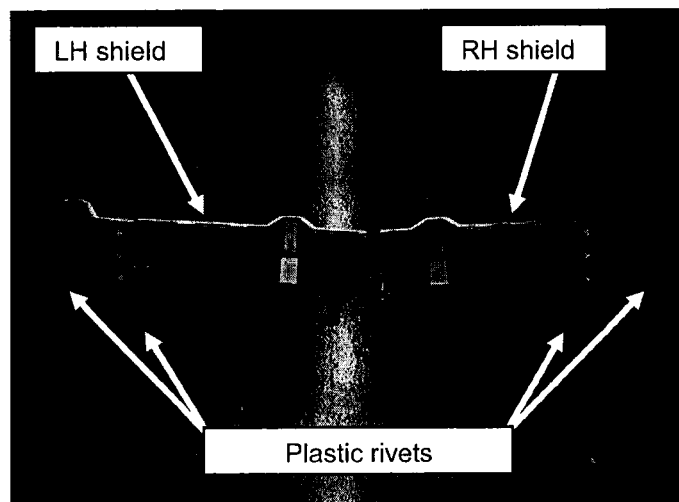


Figure 2

SERVICE PROCEDURE

Install the fuel tank shield kit as follows.

Required TOOLS:

- 1 - 10mm socket
- 1 - 3" Extension
- 1 - Socket Wrench
- 1 - Flat Blade Screwdriver
- 1 - Pair of diagonal/side cutters
- 1 - Torque Wrench (in-lb.)

1. Place the vehicle on a lift.
2. Modify and re-position the plastic clip attached to the three metal tubes as follows:

NOTE: The plastic clip is attached to the three black metal tubes located at the front driver's (LH) side of the fuel tank (see Figure 3).

- a. Using a pair of diagonal / side cutters, cut off the anchor portion of the white plastic clip (see Figure 3a).
- b. Slide the plastic clip down the metal tubes to the point shown in Figure 3.

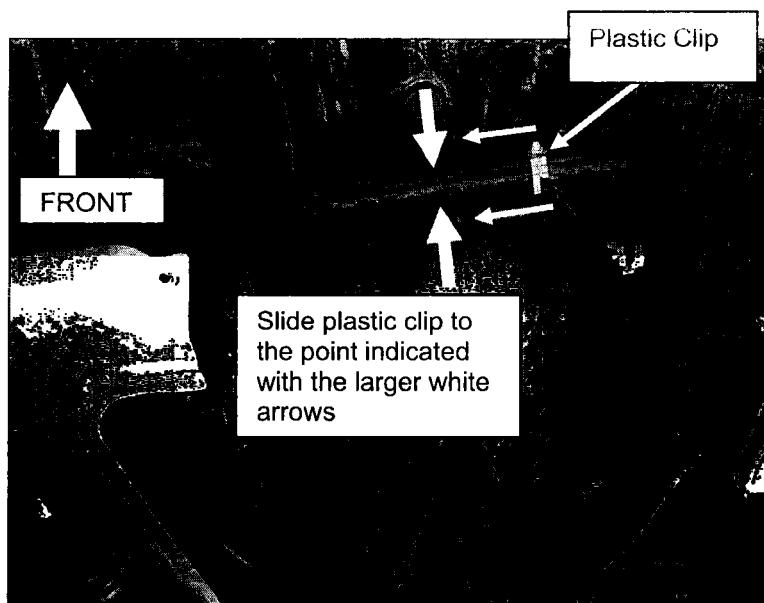


Figure 3

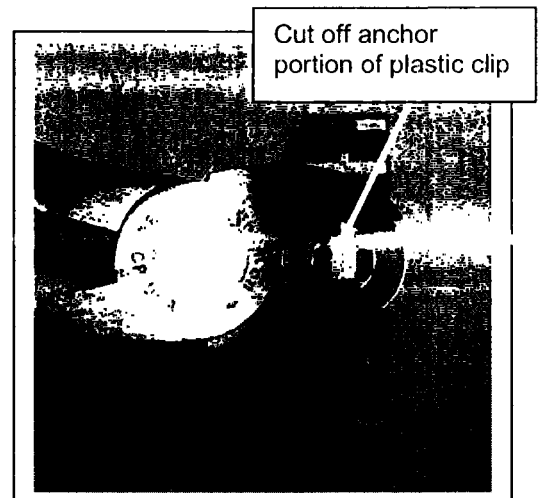


Figure 3a

3. Remove the nuts (indicated by the circles in Figures 4 and 5) from the front LH and RH side of the fuel tank.

LH Side Of Fuel Tank

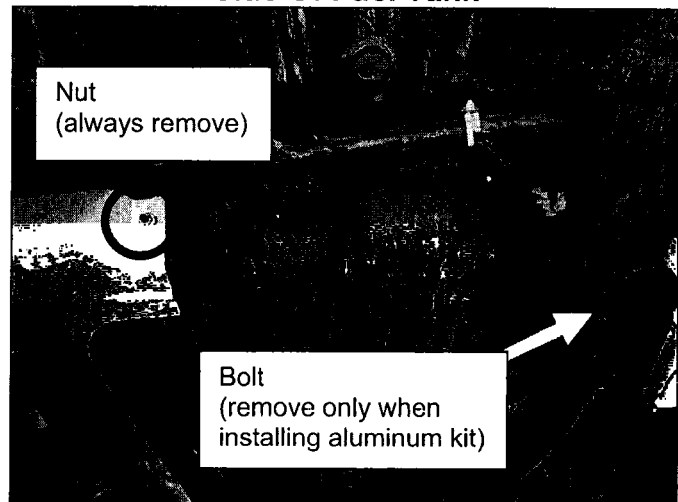


Figure 4

4. If you are installing the aluminum kit:
 - First, remove the 10mm bolts (indicated by arrows in Figures 4 and 5) from the front LH and RH existing wheel well splash guard.
 - Then go to step 6 (next page).
5. If you are installing a plastic kit, go to step 7 (page 9).

RH Side Of Fuel Tank

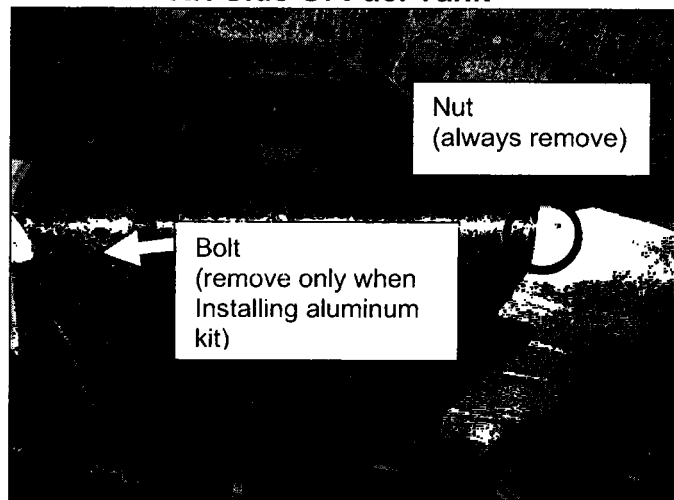


Figure 5

Aluminum Fuel Tank Shields

6. Install the LH and RH new fuel tank shields as follows.
 - a. Loosely install the nuts and bolts (see Figure 6). This will allow movement of the shield for inserting the black plastic rivets (next step).

IMPORTANT: The rear outer tab on the shield must be placed between the wheel well splash guard and the vehicle body (see Figure 7).

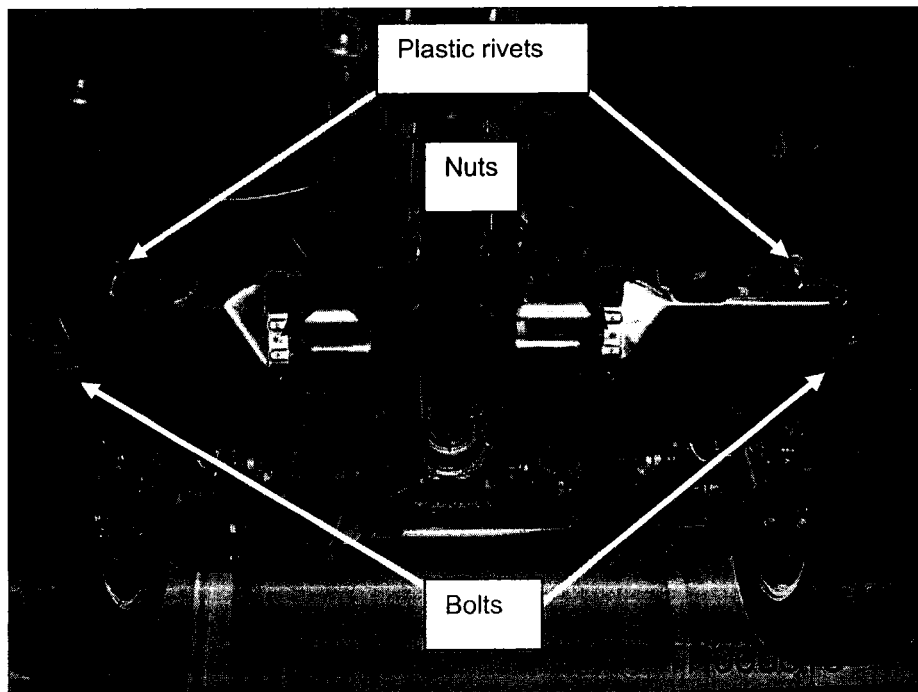


Figure 6

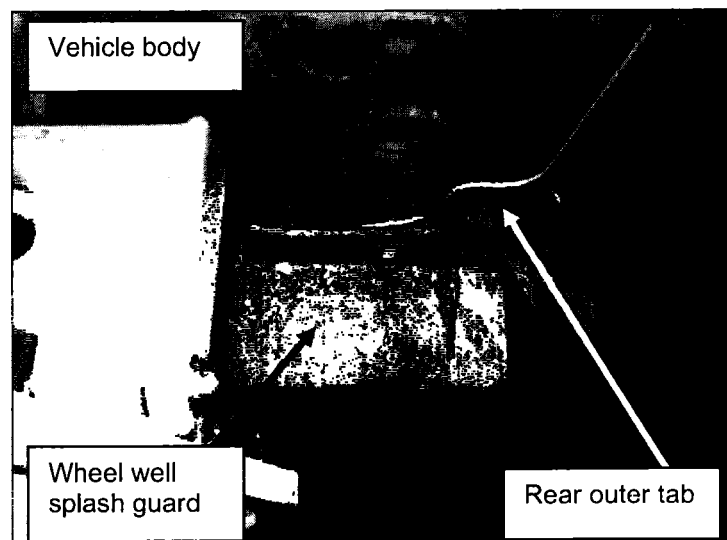


Figure 7

- b. Insert the black plastic rivets (one in each shield) through the shields and into the body (see Figure 8).
- Use a flat blade screwdriver to firmly push the outer rim of rivet into place (see Figure 9).
 - Then press on the center of the rivet to secure it (see Figure 10).
- c. Tighten the nuts and bolts to: 9 N-m (9.2 kg-m, **80 in-lb**).

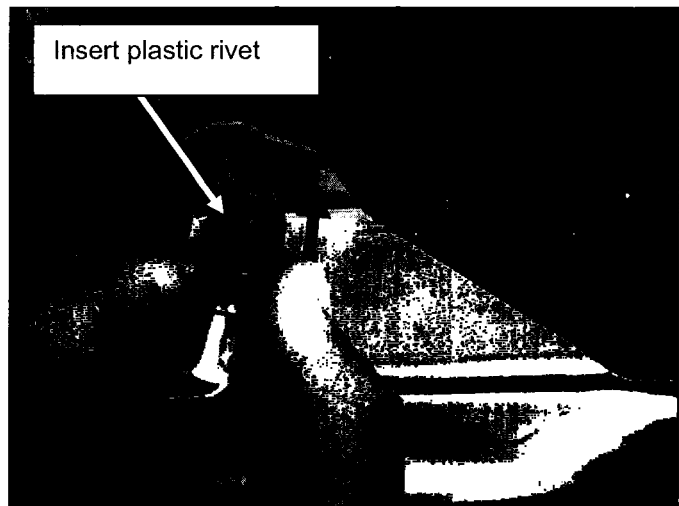


Figure 8

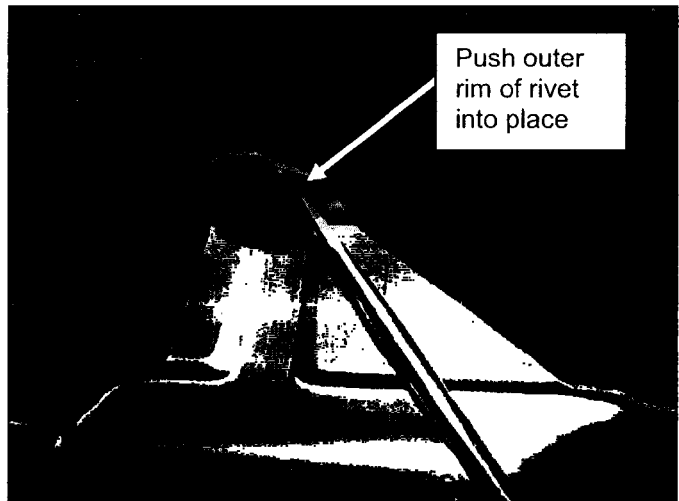


Figure 9

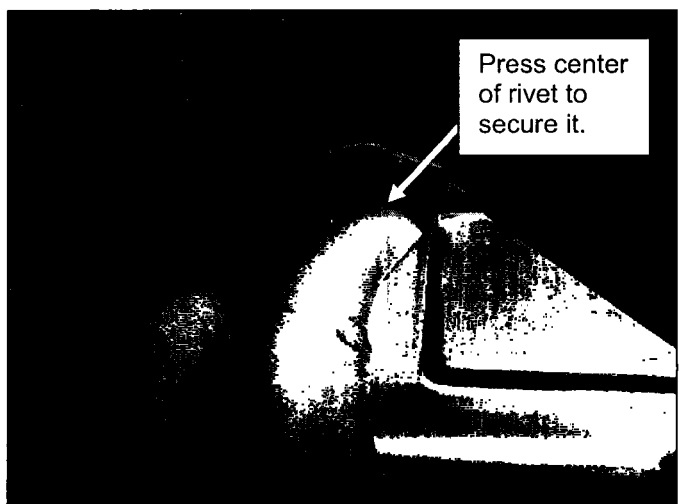


Figure 10

- d. Confirm there is at least 5mm clearance between the black metal tubes and the front of the LH shield (see Figure 11).
 - Adjust the shield as needed to obtain at least 5mm of clearance.

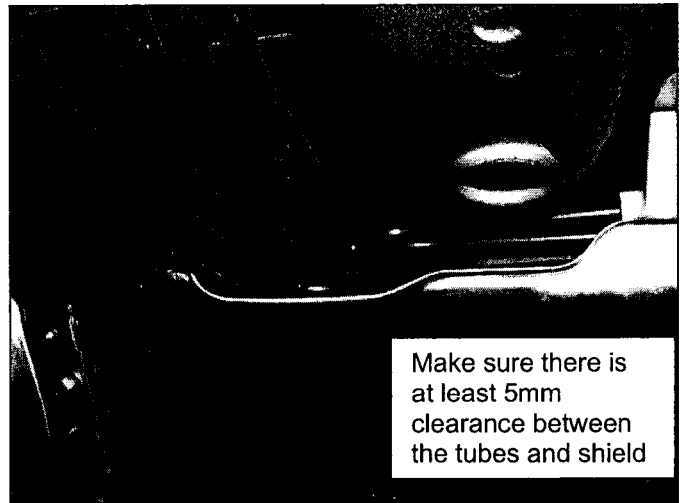


Figure 11

Plastic Fuel Tank Shields

7. Install the LH and RH new fuel tank shields as follows.
 - a. Remove and discard the blue plastic tape from the new shields.
 - b. Insert tabs on the shields into the mating vehicle under-body holes.
 - c. Loosely install the nuts (see Figure 12). This will allow movement of the shields for inserting the black plastic rivets (next step).

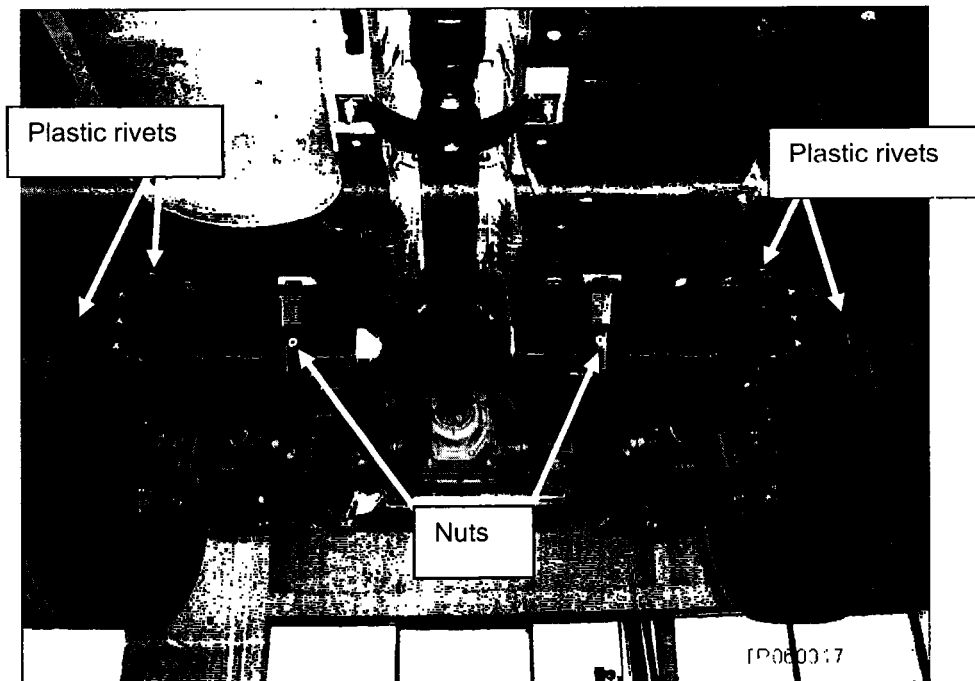


Figure 12

- d. Insert the black plastic rivets (two in each shield) through the shield and into the body (see Figure 13).
- Use a flat blade screwdriver to firmly push the outer rim of rivet into place (see Figure 14).
 - Then press on the center of the rivet to secure it (see Figure 15).
- e. Tighten the nuts to: 9 N-m (9.2 kg-m, **80 in-lb**).

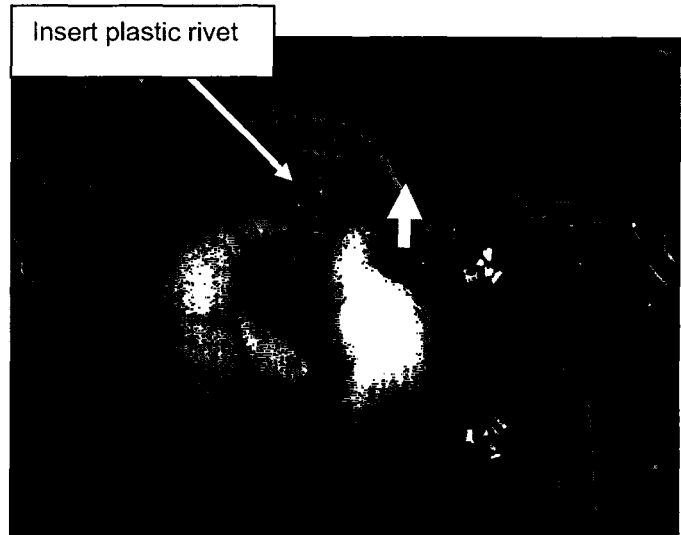


Figure 13

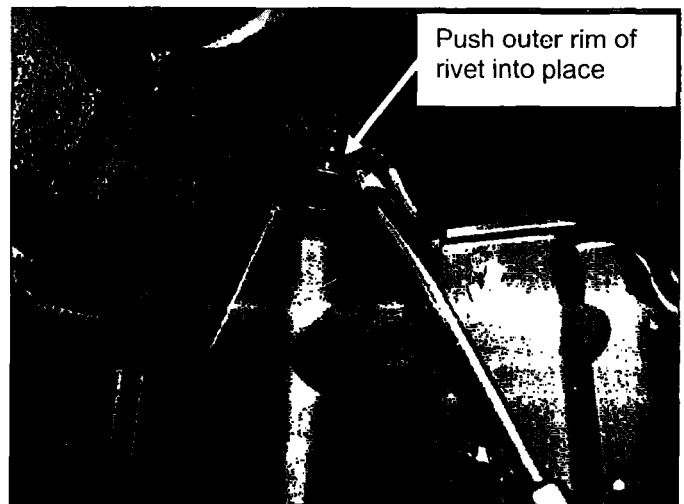


Figure 14

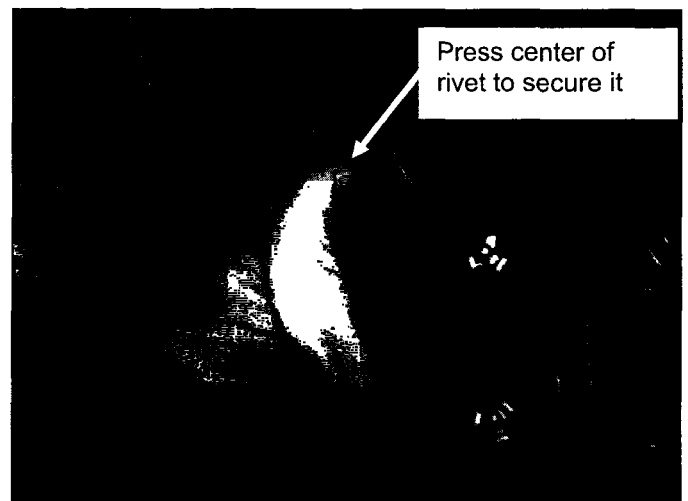


Figure 15

8. Start the engine and check for rattle noises from the fuel tank shield area. Adjust as needed to get rid of any noises.

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
Fuel Tank Shield Kit (Plastic)	A7285-CC27A *	1

* This part number may supersede to A7285-CC27B or A7285-CC25A.

CLAIMS INFORMATION

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

"CM" I.D.: R0516

DESCRIPTION	OP CODE	FRT
Install Fuel Tank Shields	R05160	0.3 hrs

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 that relates to motor vehicle safety exists in some 2003-2006 model year Nissan Murano vehicles.

Reason for Recall

If the front tires run over a small, sharp object in the road, there is a possibility that a front tire may propel it towards the rear of the vehicle. Due to the location of the fuel tank, the object may strike the forward portion of the tank. This could result in a puncture in the tank and a fuel leak. If an ignition source is present, a fire could occur.

What Nissan Will Do

Your Nissan dealer will install protectors in front of the fuel tank. 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.

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 you have additional questions you may contact the National Consumer Affairs Office, Nissan North America, Inc. at P.O. Box 191, Gardena, California 90248-0191. The toll free number is (800) 647-7261.

If you have paid to have your fuel tank replaced because of a puncture from road debris prior to this campaign, you may be eligible for reimbursement of the related expense. You may also submit a complaint to the Administrator, National Highway Traffic Safety Administration, 400 Seventh Street, SW., 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.

