



---

# RECALL CAMPAIGN BULLETIN

---

Reference:

NTB09-038

Date:

July 16, 2009

---

## VOLUNTARY SAFETY RECALL CAMPAIGN 2003 – 2007 NISSAN MURANO ENGINE AIR INTAKE DUCT

**CAMPAIGN ID #:** R0902  
**NHTSA #:** 09V-169  
**APPLIED VEHICLES:** 2003 – 2007 Murano (Z50)

**Check Service Comm to confirm campaign eligibility.**

### INTRODUCTION

Nissan is conducting a voluntary safety recall on model year 2003 – 2007 Murano vehicles. Under certain conditions, the intake duct, which is connected to the intermediate resonator in the air intake system of the engine, may separate from the resonator with engine movement. This could cause minor idle fluctuation or poor acceleration. If this occurs, and the vehicle continues to be driven without being serviced, the engine may stall while driving. To remedy this potential condition, Nissan is conducting this voluntary safety recall campaign to replace the air intake duct with an updated part and the air duct clamps with new clamps at no charge for parts or labor.

### IDENTIFICATION NUMBER

Nissan has assigned identification number R0902 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

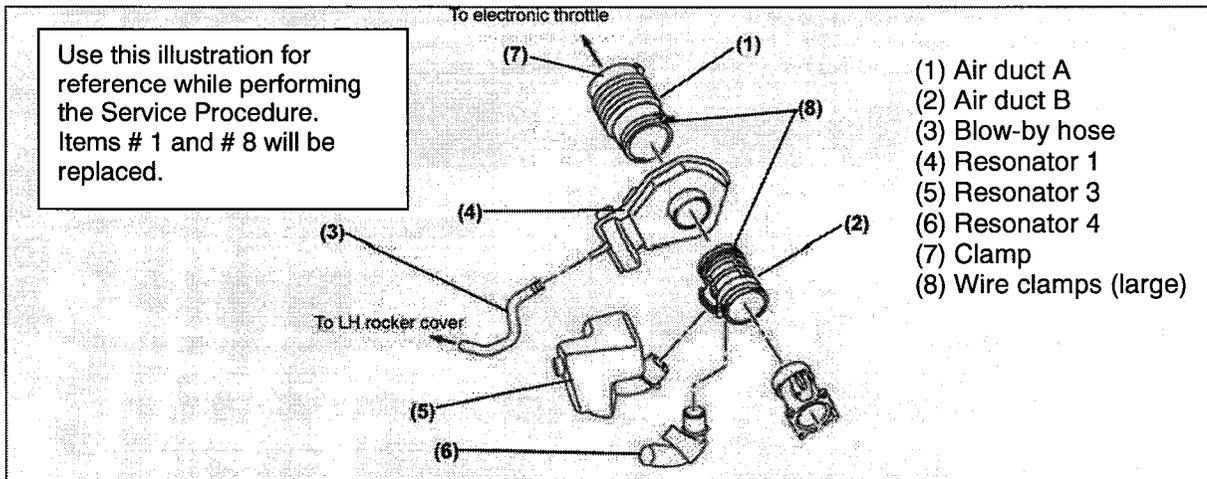


Figure A

**CAUTION:** Do not use any lubricant when removing or installing the air ducts and resonators. Lubricant may adversely affect the ducts and resonators.

1. Disconnect the Positive Crankcase Ventilation (PCV) hose from resonator 1.
2. Loosen the clamps shown in Figure 1 (clamps at both ends of the air duct assembly).
3. Remove the air duct assembly from the vehicle and set it on a clean working surface.

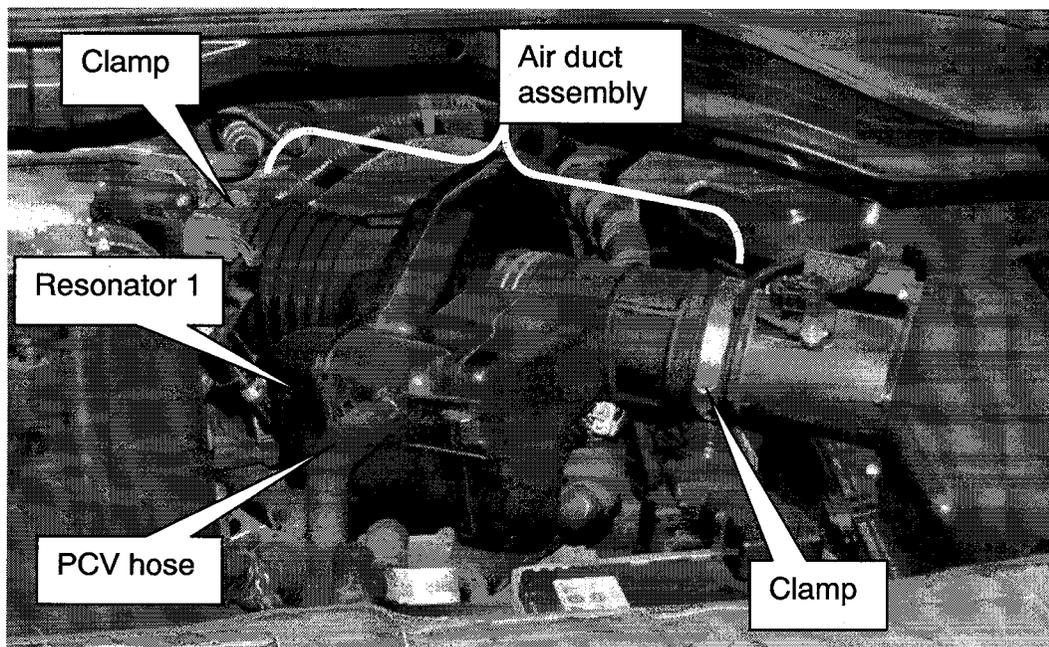


Figure 1

4. After removing the air duct assembly, cover the openings to the electronic control throttle and airflow meter with clean cloth / rags.

**CAUTION:**

- Make sure to cover the openings to the electronic control throttle and airflow meter.
- Covering the openings will prevent debris entry.

5. Loosen both wire clamps shown in Figure 2 (clamps on both sides of resonator 1).

6. Replace the wire clamp on air duct B.

- a. Pull air duct B away from resonator 1 just enough to remove the old wire clamp and install a new one.
  - Bend the old wire clamp so it cannot be reused.

- b. Reconnect air duct B to resonator 1.

**CAUTION:** Before installing air duct B, use a clean cloth / rag to wipe away any debris from the duct and resonator.

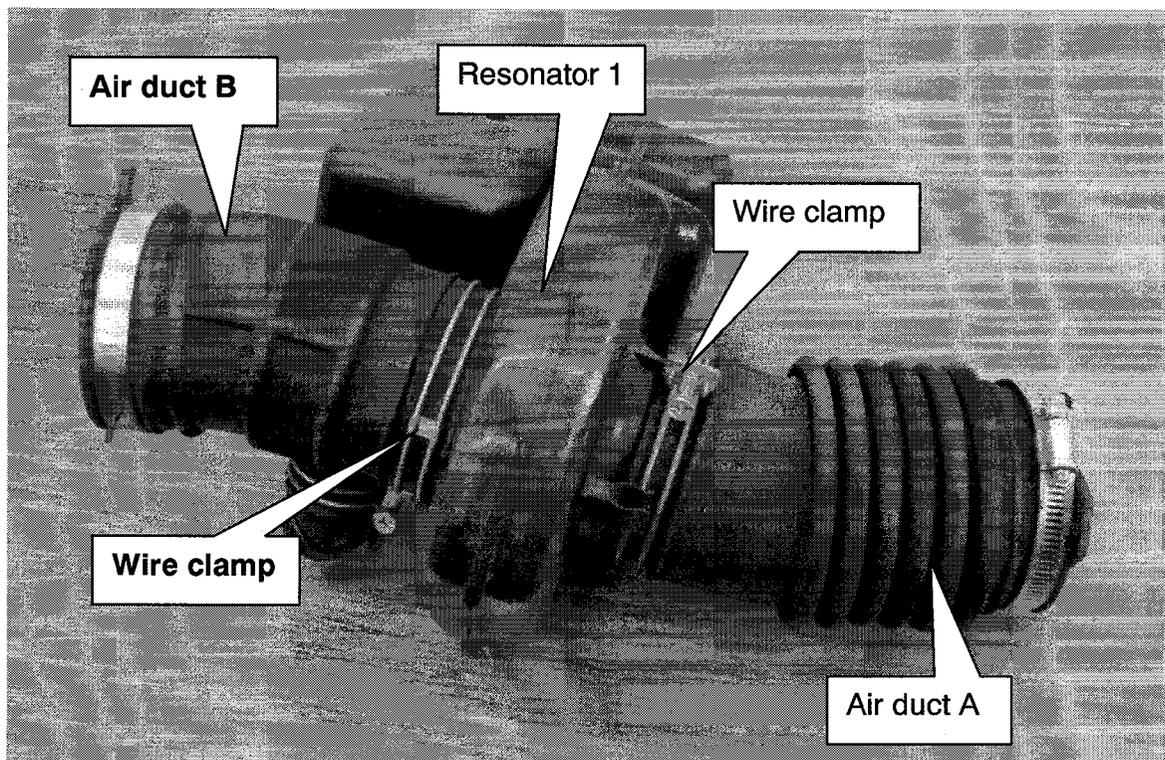
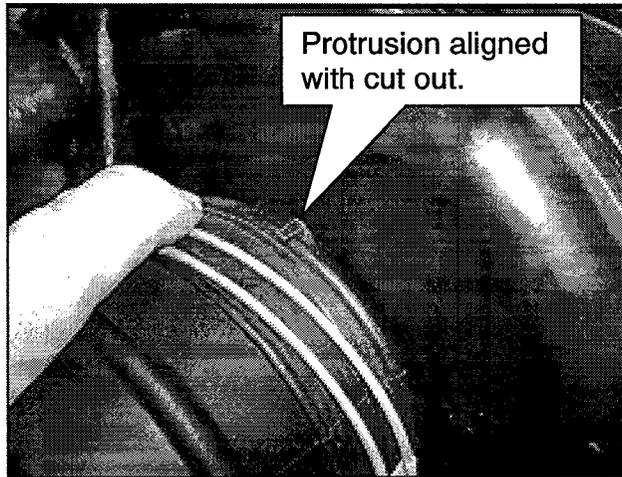


Figure 2

- Make sure to align the resonator protrusion with the air duct cut out.



Protrusion aligned with cut out.

Figure 3

7. Disconnect / remove air duct A from resonator 1.

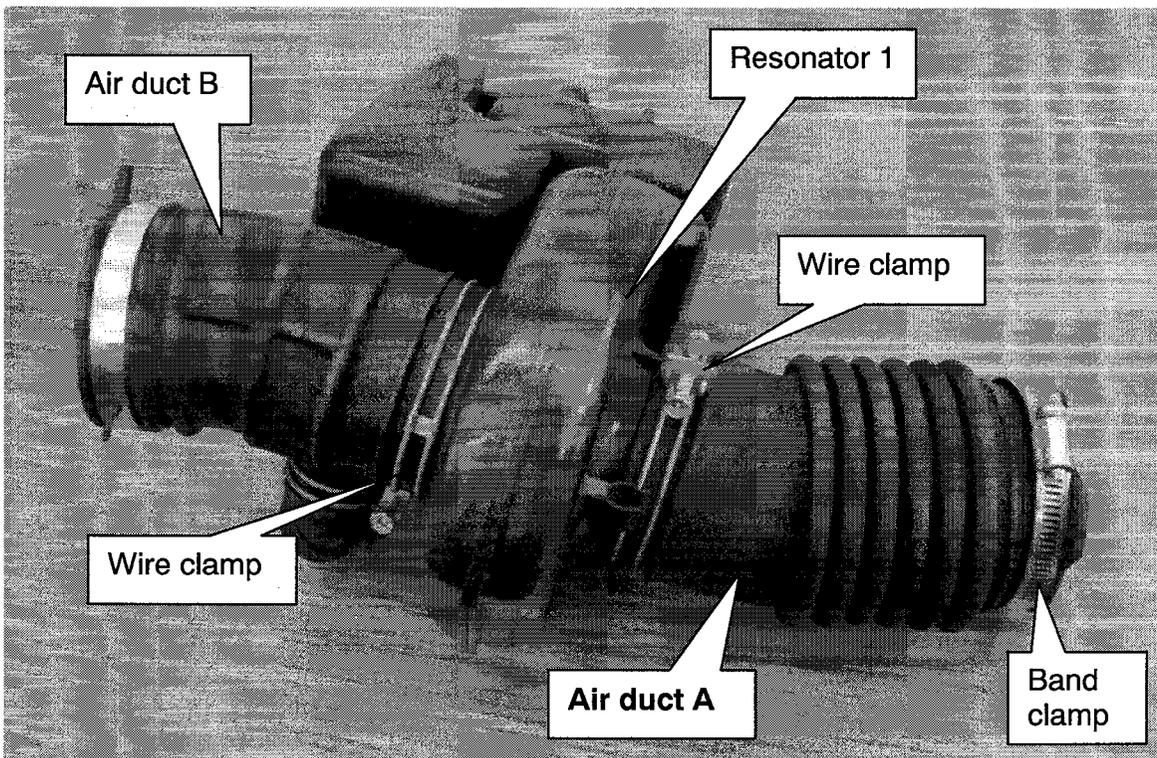


Figure 4

8. Swap the band clamp from the old air duct A to the new air duct A.
- Use the original band clamp.
  - Band clamp goes on the throttle body end of air duct A.
  - Make sure the clamp is aligned correctly (rubber stud through hole in clamp as shown).

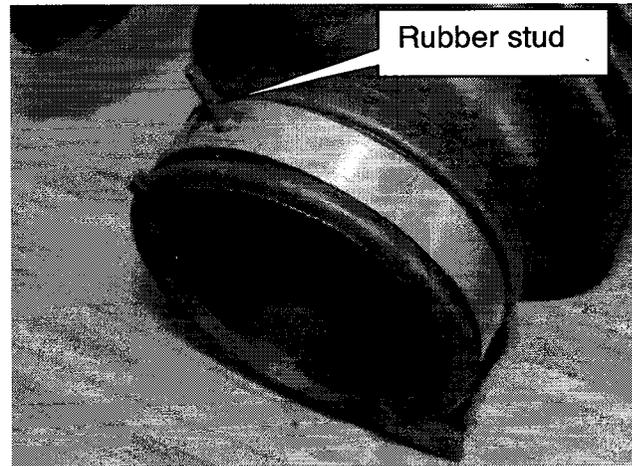


Figure 5

9. Discard the old air duct A and the old wire clamp.
- Cut the old air duct A in half and bend the wire clamp so they cannot be reused.
10. Put the new wire clamp on the resonator end of the new air duct A.

**CAUTION:** Before installing air duct A, use a clean cloth / rag to wipe away any debris from the duct and resonator.

11. Connect the new air duct A to resonator 1.
- Make sure the slot (cut-out) in the duct is aligned with the largest protrusion on the resonator.
- NOTE:** There are 4 protrusions on the resonator, use the largest one to align the air duct.

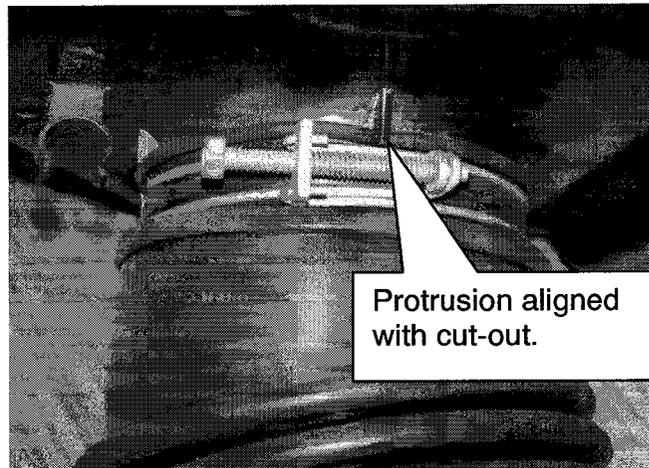


Figure 6

12. Position and tighten both wire clamps (air duct A and air duct B).
- a. Position each wire clamp near the protrusion / cut out (see Figure 6).
  - b. Tighten the clamps to: 2.2 - 3.0 N-m (0.22 - 0.30 kg-m, **20 – 26 in-lb**).

13. Check the wire clamps connecting air duct B with resonators 3 and 4 - make sure they are tight.

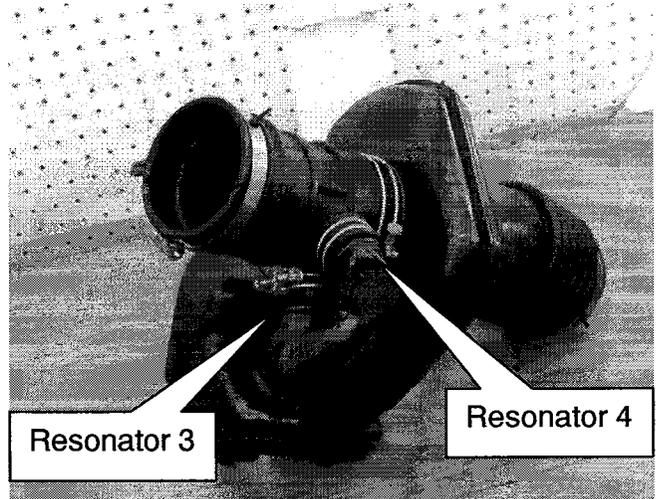


Figure 7

14. Make sure resonators 1 and 3 are connected as shown in Figure 8.

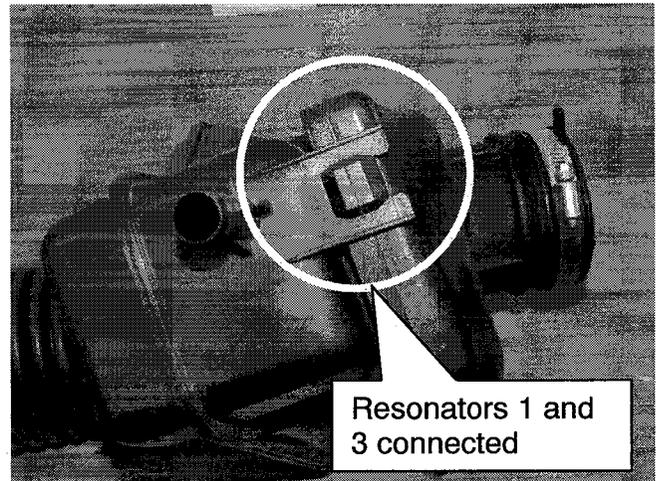


Figure 8

15. Remove covers (cloth / rags) from the openings of the electronic control throttle and airflow meter.

16. Install the air duct assembly back into the vehicle.

17. Reattach the PCV hose.

18. Tighten the band clamps at each end of the air duct assembly.

**CAUTION:**

- Make sure all air duct assembly clamps do not interfere with other parts.
- **After completing installation, make sure the air ducts are tight by lightly tugging on each end of each air duct.**

**PARTS INFORMATION**

<b>DESCRIPTION</b>	<b>PART #</b>	<b>QUANTITY</b>
Duct Clamp Kit (Kit includes Air Duct A and two wire clamps)	16578 – CA09A	1

**CLAIMS INFORMATION**

Submit a "CM" line claim using the following claims coding:

"CM" I.D.: R0902

<b>DESCRIPTION</b>	<b>OP CODE</b>	<b>FRT</b>
Replace Air Duct A and Two Wire Clamps	R09022	0.2 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 2003-2007 Model year Nissan Murano vehicles. Our records indicate that you own or lease the Nissan vehicle identified by the VIN on the cover of this notice.

### Reason for Recall

Under certain conditions, the intake duct, which is connected to the intermediate resonator in the air intake system of the engine, may separate from the resonator with engine movement. This could cause minor idle fluctuation or poor acceleration. If this occurs, and the vehicle continues to be driven without being serviced, the engine may stall while driving.

### What Nissan Will Do

Your Nissan dealer will replace the air intake duct with an updated part and the air duct clamps will be replaced with new clamps. This free service should take about 1 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 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 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.