



RECALL CAMPAIGN BULLETIN

Reference:

NTB10-088

Date:

August 24, 2010

VOLUNTARY SAFETY RECALL CAMPAIGN 2009 – 2010 cube® FUEL FILLER RECIRCULATION TUBE

CAMPAIGN ID #: R1029

NHTSA #: 10V-330

APPLIED VEHICLES: 2009 – 2010 cube® (Z12)

Check Service COMM to confirm campaign eligibility.

INTRODUCTION

Nissan is conducting a voluntary safety recall campaign on model year 2009 and 2010 cube® vehicles to install a protector on the fuel filler tube bracket and the fuel filler recirculation tube at no charge for parts or labor.

IDENTIFICATION NUMBER

Nissan has assigned identification number R1029 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. Raise the vehicle off the ground with a vehicle hoist.

2. Remove the right rear wheel.

3. Remove 2 bolts from the fuel filler tube bracket.

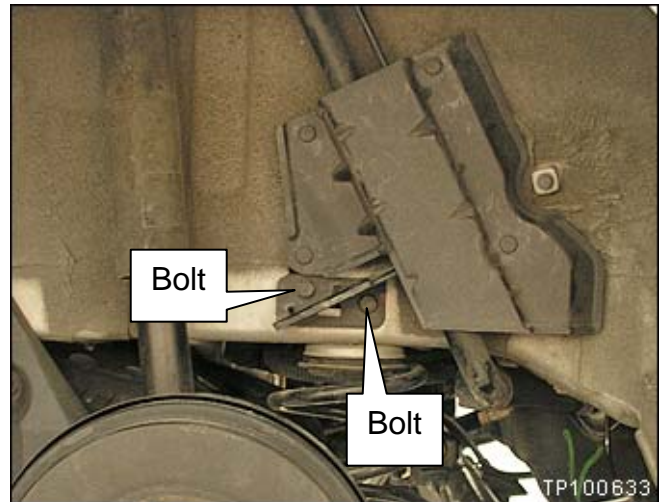


Figure 1

4. Remove the plastic cover (4 clips).

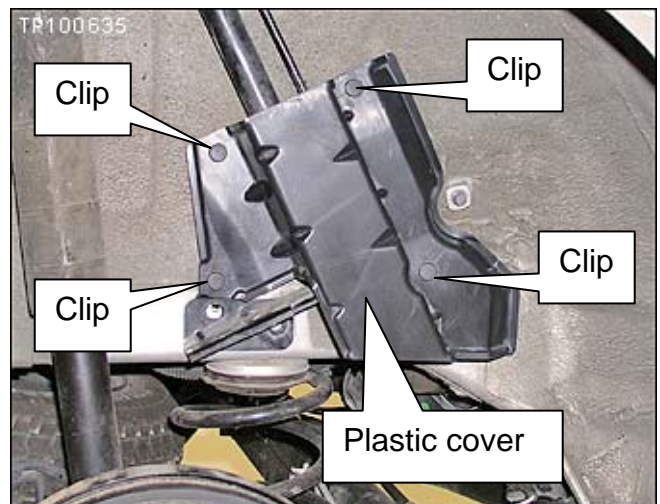


Figure 2

5. Unhook the fuel filler tube bracket from the body.

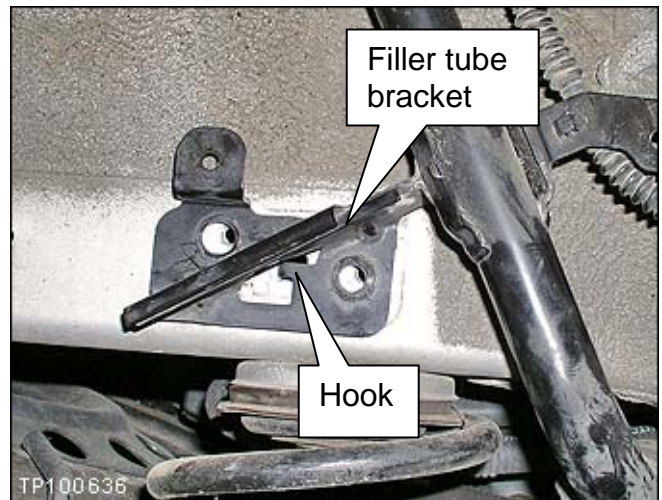


Figure 3

6. Unclip the recirculation tube.

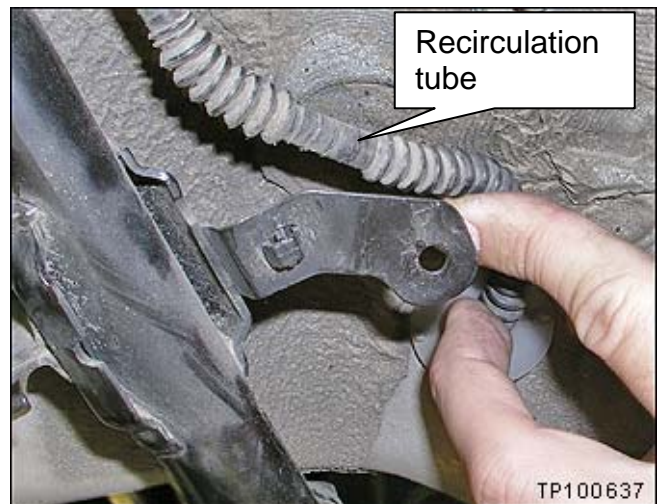


Figure 4

7. Apply auto body painting tape to the top and rear of the wheel opening as shown.

NOTE: This tape will protect the paint during the procedure.

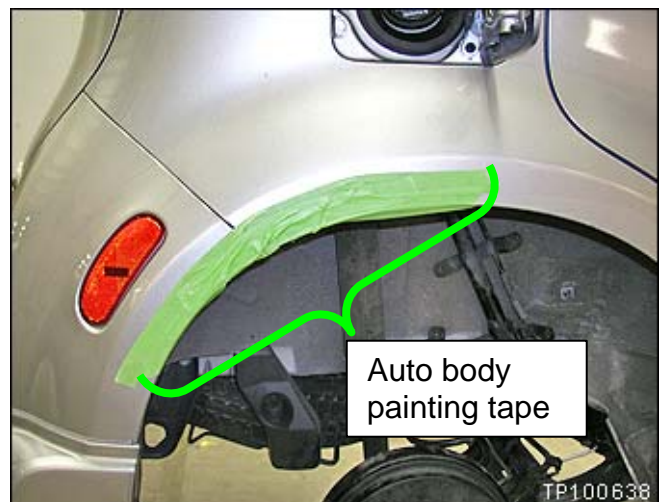


Figure 5

8. Use a protective cloth to cover the items shown in Figure 6.

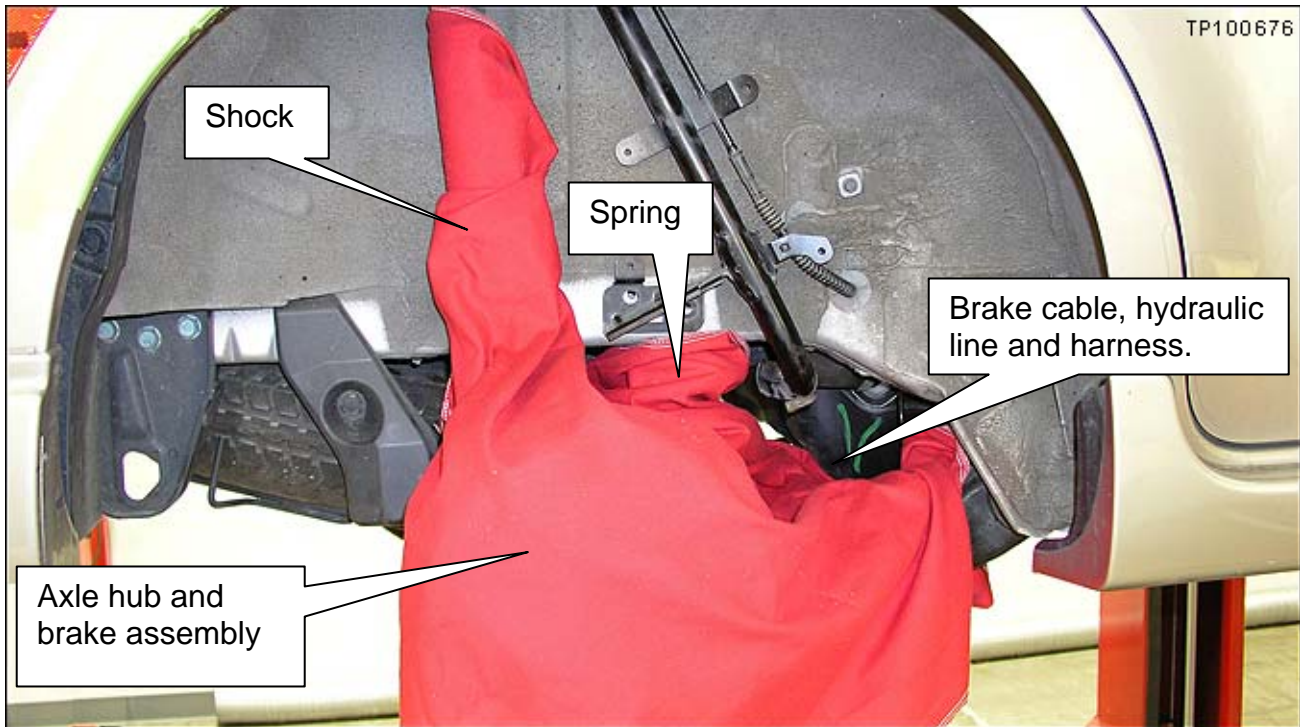


Figure 6

9. Remove the fuel filler cap and install a spare fuel fill cap.

NOTE: If a spare fuel filler cap is not available, disconnect the tether and leave the original cap in place.



Figure 7

10. Hold the fuel filler tube with both hands and carefully pull the flange loose from the fuel door opening.

WARNING: Make sure the fuel filler cap is installed and tight. If the fuel filler cap is not installed and tight, fuel may leak from the fuel filler tube when it is lowered.



Figure 8

11. Carefully pull down on the fuel filler tube and then pull the top of the tube from the wheel well (see Figure 8).

- Do not scratch or chip the fuel filler tube paint.
- Do not pull, stretch, or stress the fuel filler rubber tube.

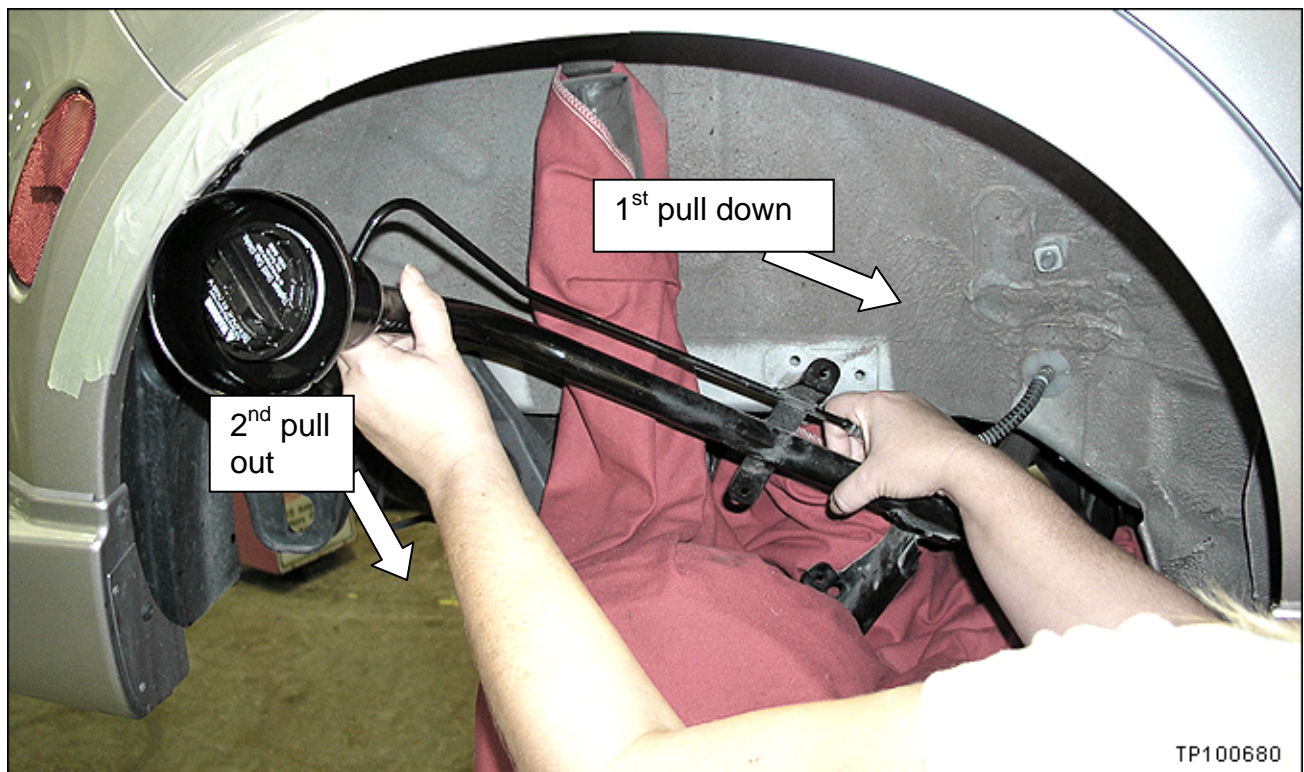


Figure 9

12. Rest the fuel filler tube on the brake drum.

WARNING: Do not remove the fuel filler cap with the fuel filler tube in this position. Fuel may leak from the fuel filler tube.



Figure 10

13. Thoroughly clean the following with isopropyl alcohol:

- Flange
- Fuel filler tube, 6 inches from the flange
- Recirculation tube, 6 inches from the flange

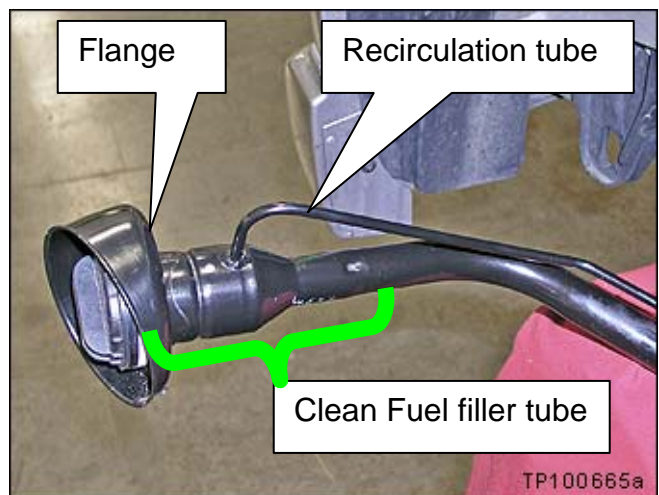


Figure 11

IMPORTANT:

- In the next few steps you will be installing the Fuel Filler Tube Protector.
- Steps 14 through 20 must be completed within 6 minutes.
- Before continuing, read and understand steps 14 through 20.

Fuel Filler Tube Protector

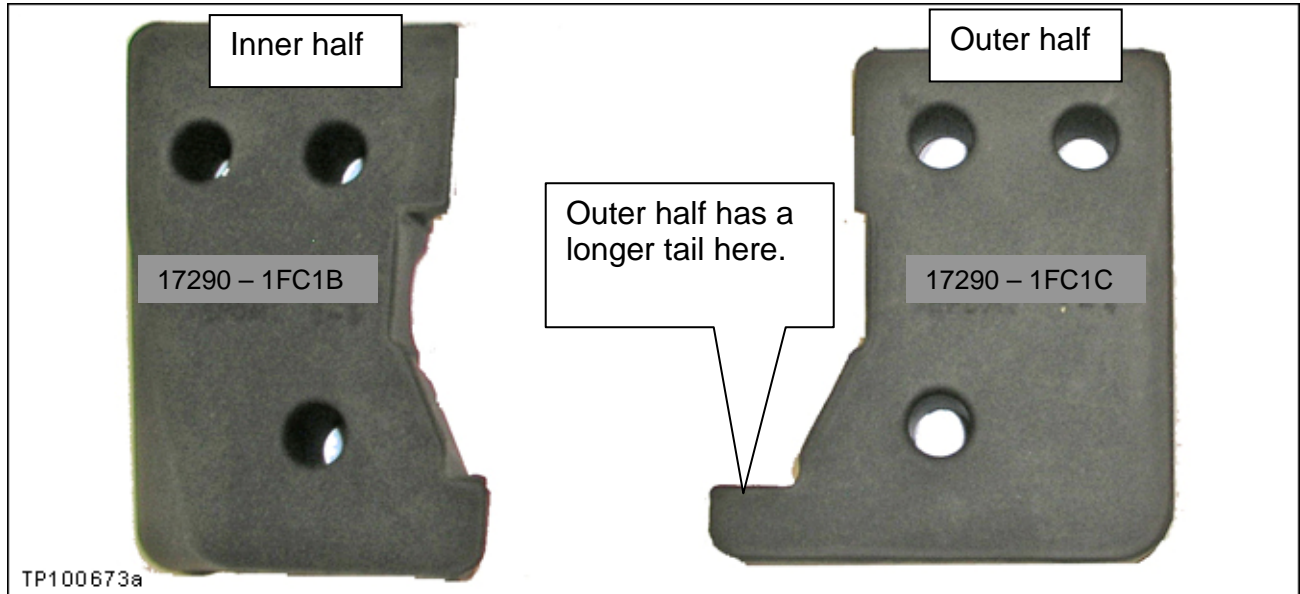
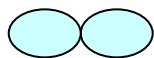


Figure 12

14. Apply adhesive sealant to **both halves** of the Fuel Filler Tube Protector as shown in Figure 13.

IMPORTANT: Use only adhesive sealant P/N 17290 - 1FC2A.

- Use adhesive sealant generously.
- Outer half is shown; inner half is a mirror image.



Two beads of sealant

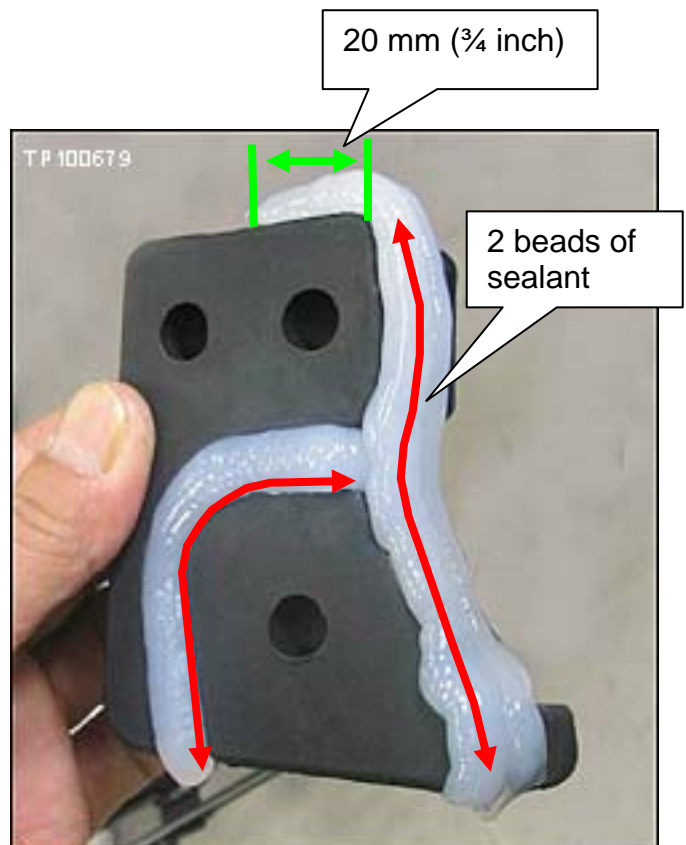


Figure 13

15. Place the inner half of the protector on the fuel filler tube as shown.

16. Make sure the recirculation tube is in the groove of the inner half of the protector.

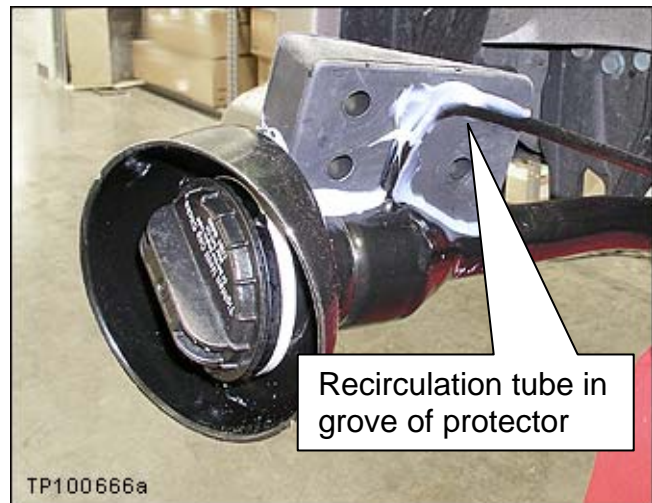


Figure 14

17. Hold the inner half in place while installing the outer half.

18. Install washers and bolts.



Figure 15

19. Install washers and nuts.

20. Torque the nuts / bolts to:
5.5 N•m (0.56 kg-m, **49 in-lb**)



Figure 16

21. Install the rubber grommet on the fuel filler tube flange.



Figure 17

22. Make sure the flap is positioned at the bottom of the flange.

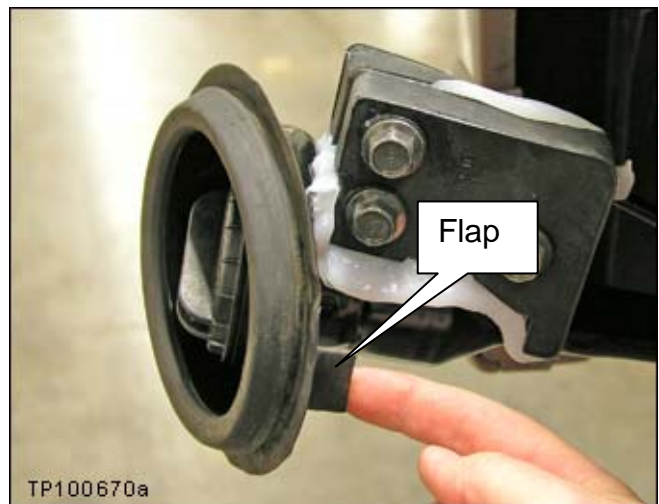


Figure 18

23. Reinstall the flange (with grommet) into the fuel door opening.



Figure 19

24. Make sure the grommet is properly in place.

25. Reinstall the original fuel filler cap.

NOTE: If tether was removed, make sure it is reattached.

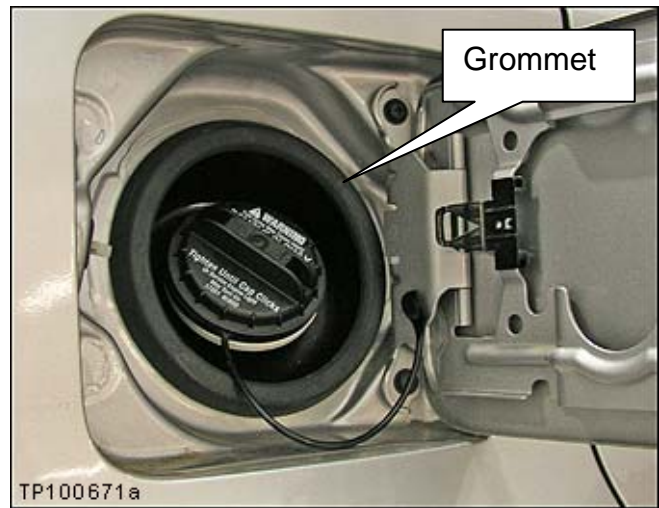


Figure 20

26. Make sure the recirculation tube is snapped into the clip.

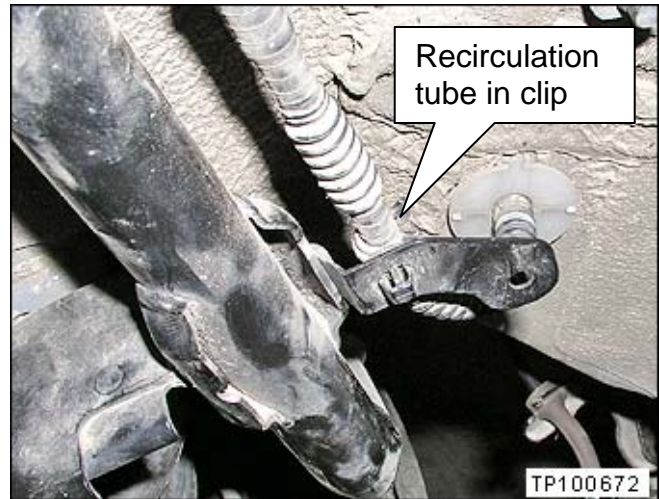


Figure 21

27. Make sure the fuel filler tube bracket is hooked into the body.

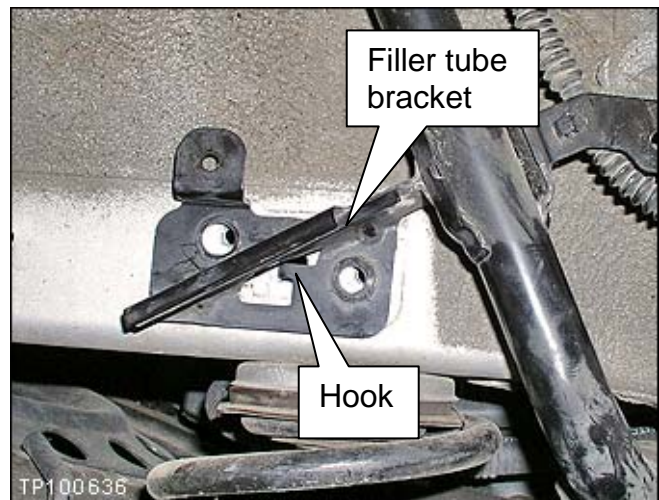


Figure 22

28. Reinstall the 2 bracket bolts.

Bolt torque: 25 N•m (2.6 kg-m, **18 ft-lb**)

29. Reinstall the plastic cover (4 clips).

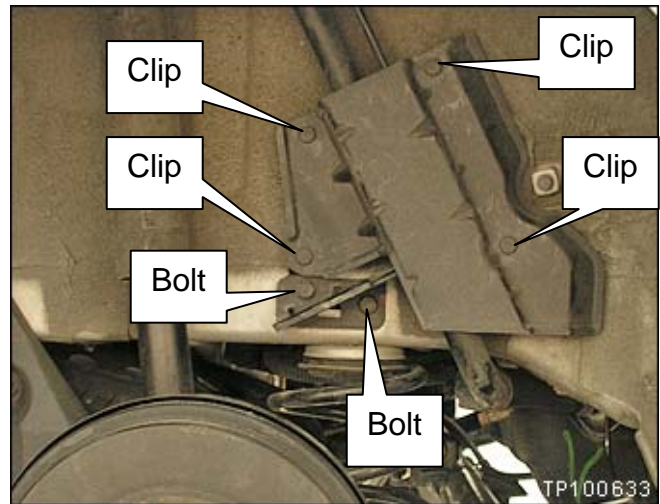


Figure 23

30. Locate the bracket at the lower end of the fuel filler tube (see Figure 24).

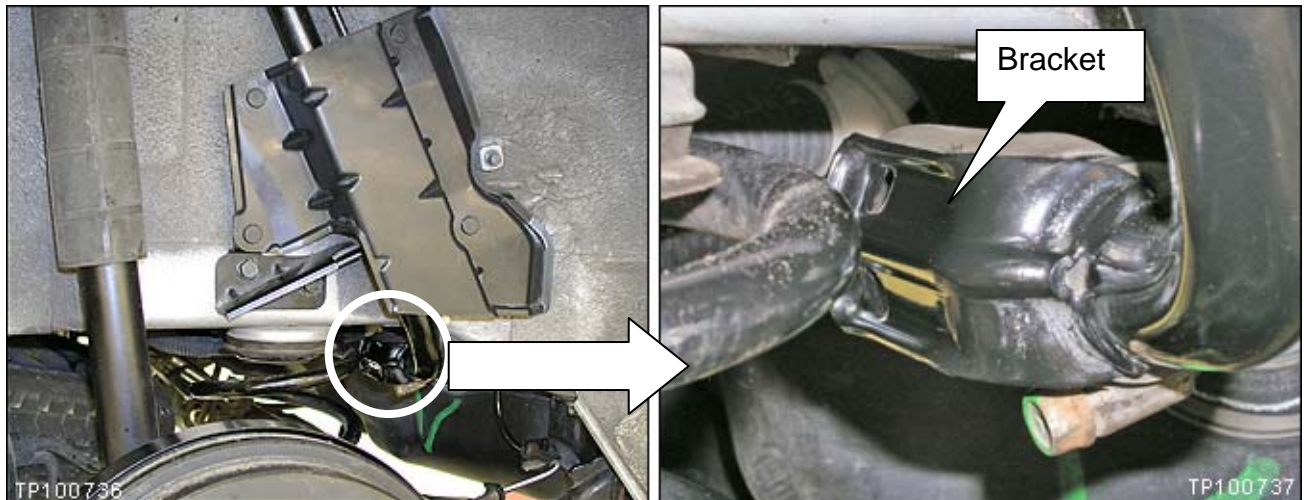


Figure 24

31. Thoroughly clean the entire bracket surface with isopropyl alcohol.

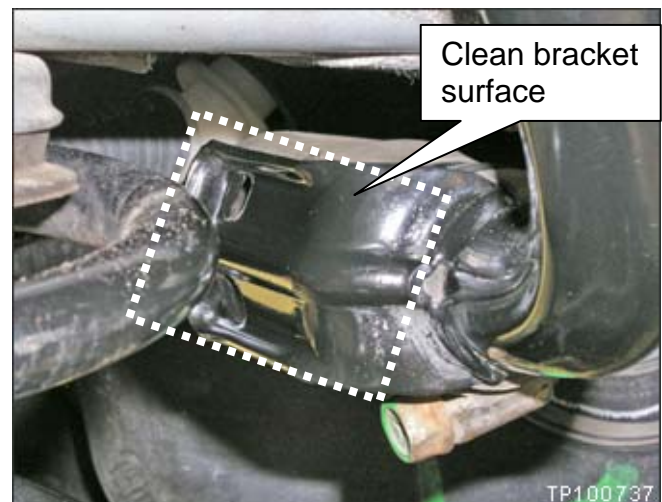


Figure 25

32. Remove the adhesive backing from the bracket protector.

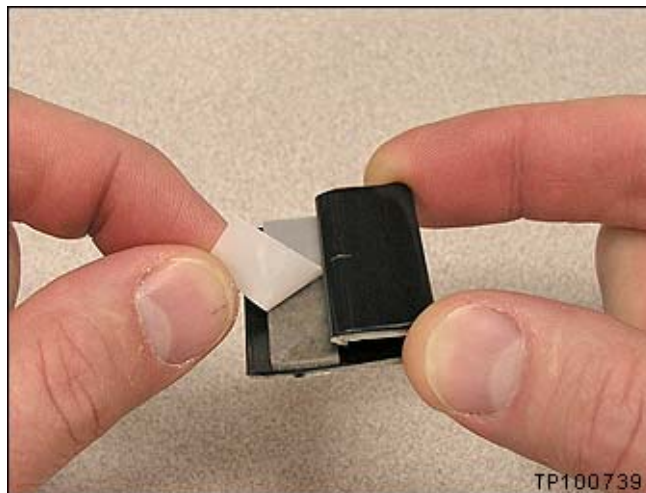


Figure 26

33. Slide the protector over the top of the bracket as shown.



Figure 27

NOTE: Do not let the protector touch the flange at the end of the bracket.



Figure 28

34. Press the protector against the bracket to ensure good adhesion of the adhesive tape.

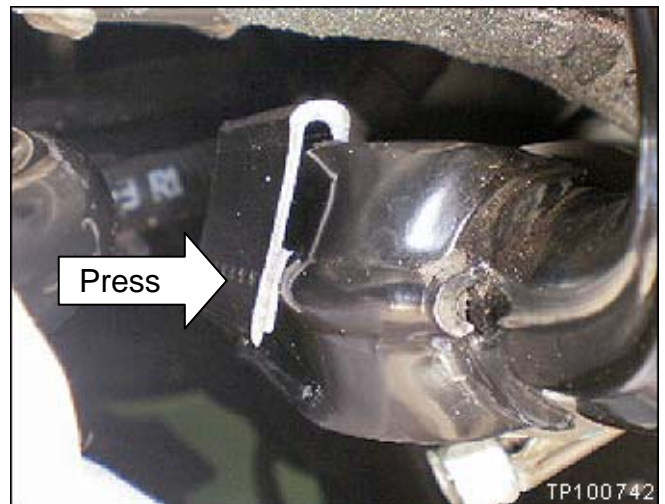


Figure 29

35. Reinstall the right rear wheel.

Wheel nut torque: 108 N•m (11 kg-m, **80 ft-lb**)

36. Lower the vehicle.

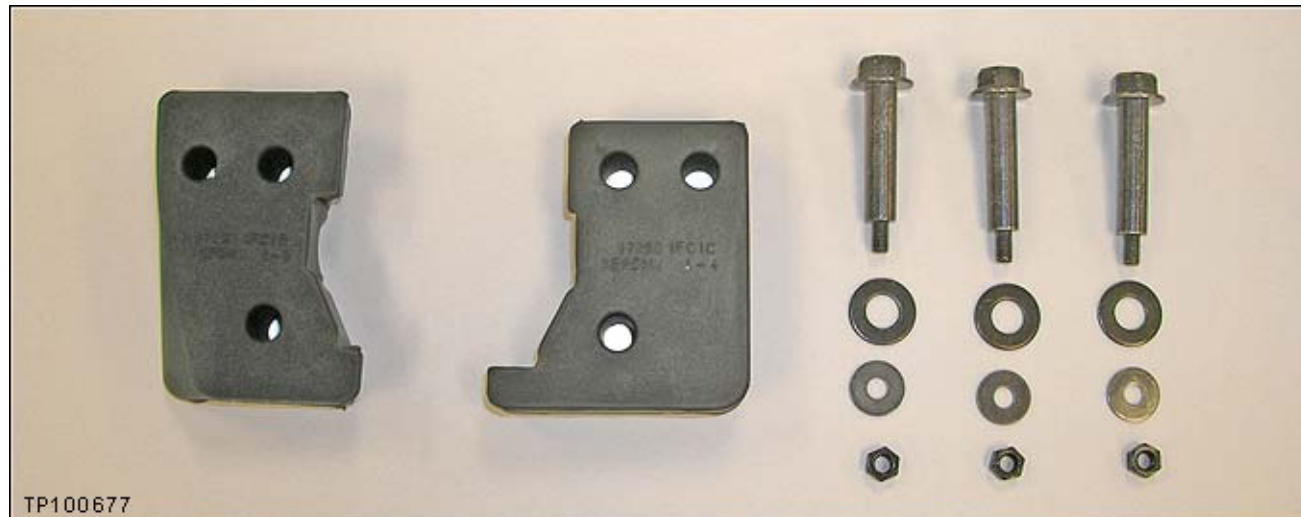
END

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QTY
Fuel Filler Recirculation Tube Protector Kit	17290 – 1FC1A	1
Silicone Adhesive Sealant (1)	17290 – 1FC2A	1 tube will service 2 vehicles
Bracket Protector	17290 – 1FC3A	1

(1) Link to MSDS for Silicone Adhesive Sealant (17290 – 1FC2A) [click here](#).

Fuel Filler Recirculation Tube Protector Kit



Silicone Adhesive Sealant



Bracket Protector



CLAIMS INFORMATION

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

“CM” I.D.: R1029

DESCRIPTION	OP CODE	FRT
Install Fuel Filler Recirculation Tube and Fuel Filler Tube Bracket Protectors	R10291	0.6 hrs

EXPENSE CODES

EXPENSE	EXPENSE CODE	MAXIMUM AMOUNT
Silicone Adhesive Sealant	008	\$8.39

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

Dear Nissan cube[®] 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 the Model Year 2009 Nissan cube[®] fails to conform to one of the requirements set forth in Federal Motor Vehicle Safety Standard (FMVSS) No. 301. Our records indicate that you own or lease the Nissan vehicle identified by the VIN on the cover of this notice.

Reason for Recall

A test was recently conducted on the cube[®] where the vehicle was struck from behind at approximately 50 mph. There was no fuel leakage immediately after the impact. However, after the vehicle was rotated onto its side, there was some fuel leakage from the fuel filler recirculation tube. The amount of fuel that leaked was greater than the maximum allowed by the standard. If the fuel leakage occurs in a crash and is in close proximity to an ignition source, it could result in a fire.

What Nissan Will Do

To address this issue, your Nissan dealer will install a special protector on the fuel filler recirculation tube. This free service should take less than an 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 as soon as possible 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 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.