

Reference:

ITB10-020

Date:

March 18, 2010

VOLUNTARY SAFETY RECALL CAMPAIGN 2005 – 2009 QX56 FUEL GAUGE INACCURACY

CAMPAIGN ID #: R1011
NHTSA #: 10V-074
APPLIED VEHICLES: 2005 – 2009 QX56 (JA60)

Check Service COMM to confirm campaign eligibility.

INTRODUCTION

Infiniti is conducting a voluntary recall campaign on certain MY2005-2009 QX56 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, Infiniti 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

Infiniti has assigned identification number R1011 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.
 - Refer to section FL of the applicable Service Manual for removal information.
 - Make sure to follow all Service Manual warnings and cautions.
2. Remove the Fuel Gauge Sender Unit from the Fuel Pump Assembly as follows:
 - a. First, press in on the two locking tabs on the sides of the Fuel Gauge Sender Unit
 - b. Then, pull the unit UP and OUT of the attachment slots
 - For Type A see Figure 1
 - For Type B see Figure 2 on the next page.

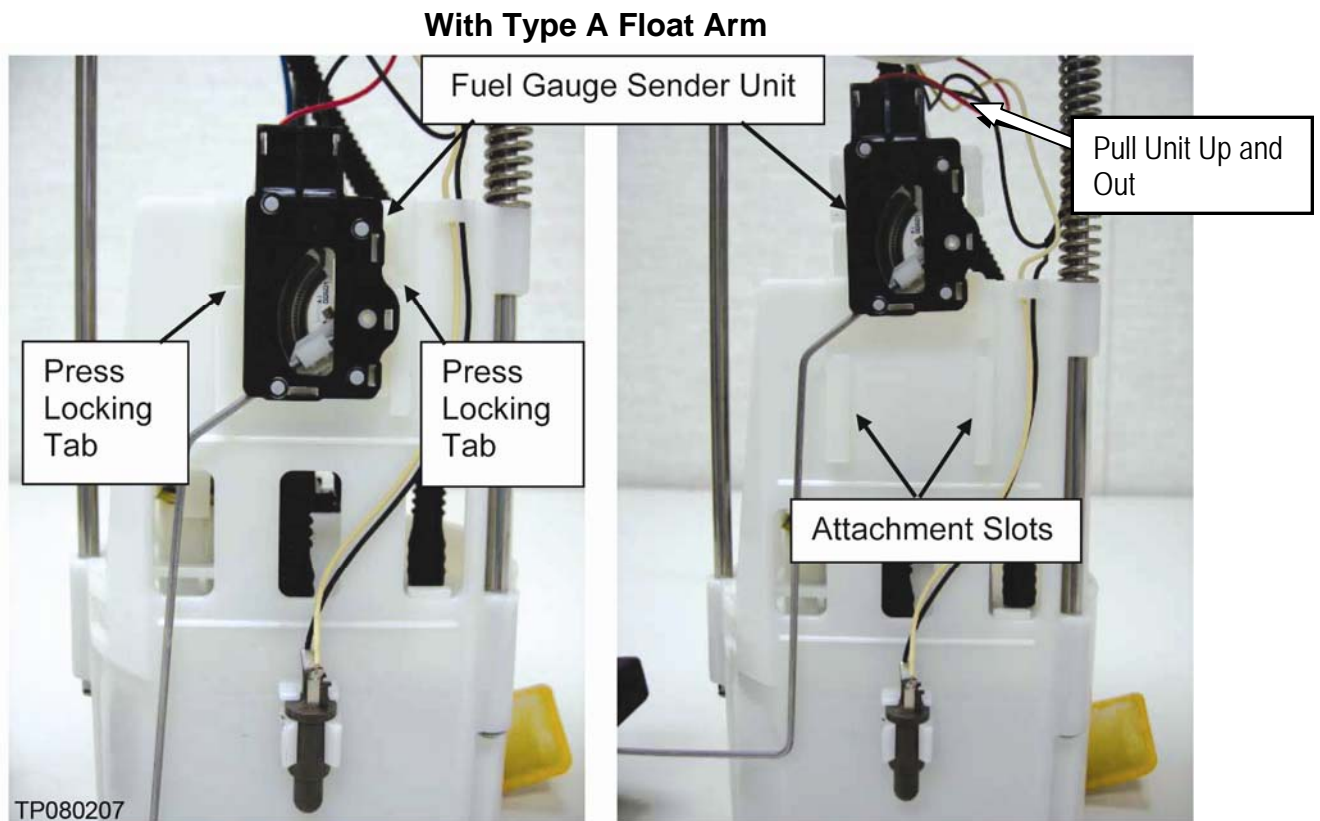


Figure 1

With Type B Float Arm

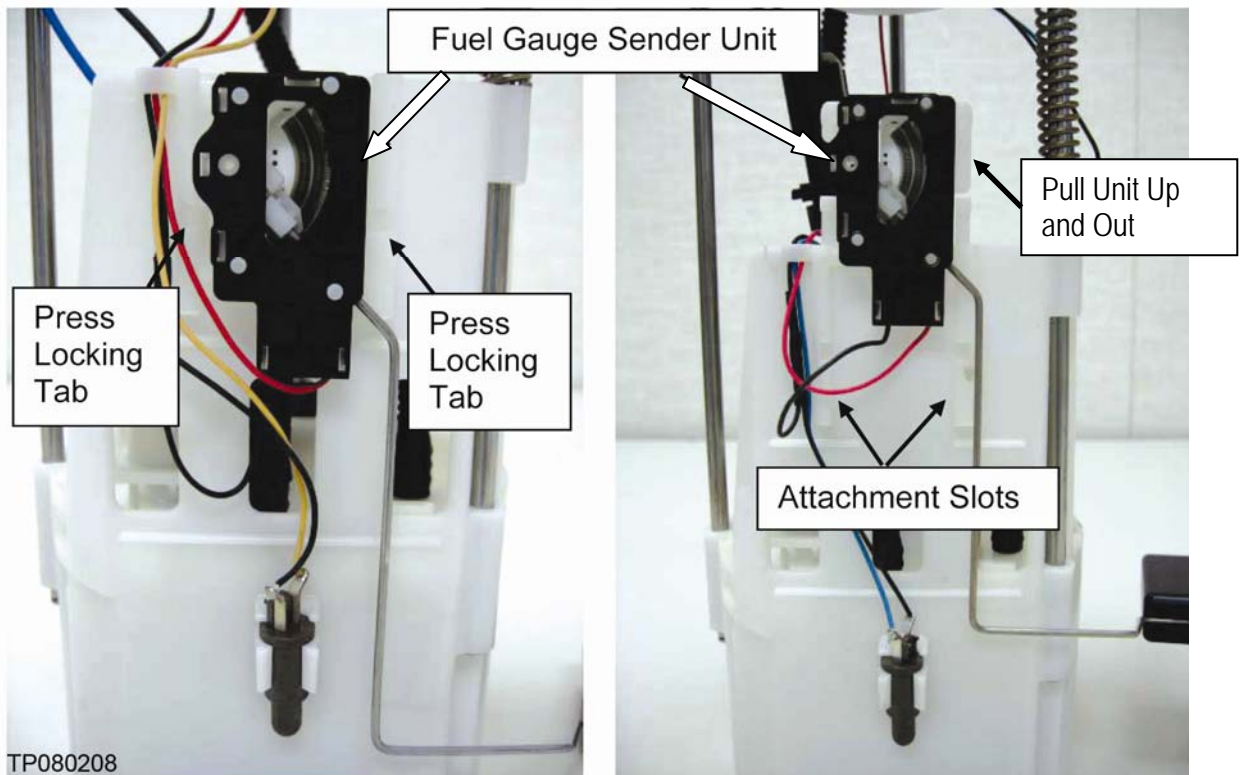


Figure 2

- c. Remove the Fuel Temperature Sensor from the Plastic Retaining Clip.
- d. Remove the wires from the Securing Tab.

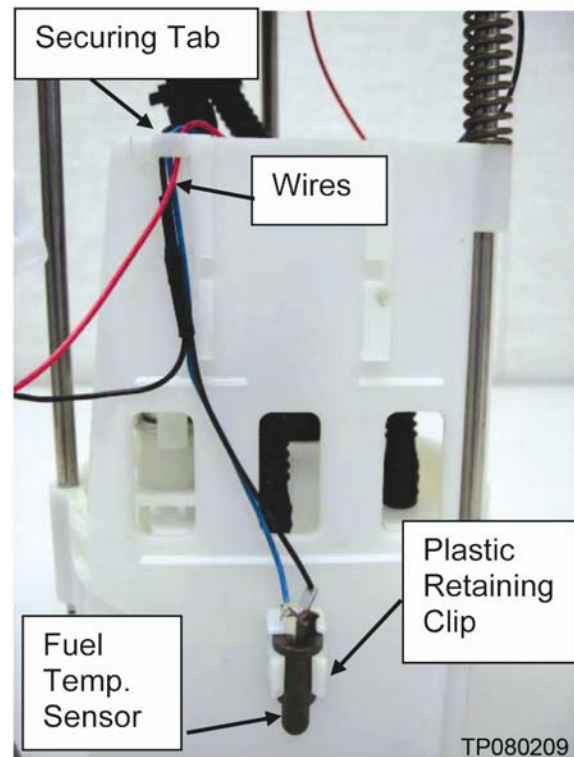


Figure 3

- e. Unplug the White Wire Connector at the top of the fuel pump.
- **DO NOT** disturb the Black Wire Connector located next to the white Wire connector.
- f. Carefully cut the tie-wrap securing the harnesses to the corrugated tubing.

CAUTION: DO NOT damage the wires or the wire insulation when cutting the Tie-Wrap.

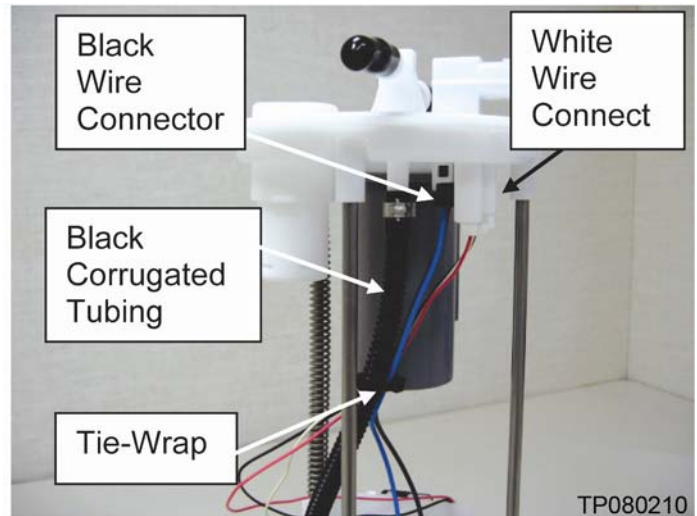


Figure 4

3. Install the new Fuel Gauge Sender Unit as follows (see Figure 5):

CAUTION: Do not bend the float arm when handling the new Fuel Gauge Sender Unit / Fuel Pump Assembly.

- a. Slide the new Fuel Gauge Sender Unit into the attachment slots until the two Locking Tabs snap in place.
 - Confirm the Locking Tabs are snapped in place by trying to move the Sender Unit up and down (it should not move).
- b. Insert the Fuel Temperature Sensor into the Plastic Retaining Clip.
 - Make sure the "circular flange" of the Sensor is positioned between the Clip and the Rib.
- c. Insert the two Fuel Temperature Sensor Wires into the Securing Tab.

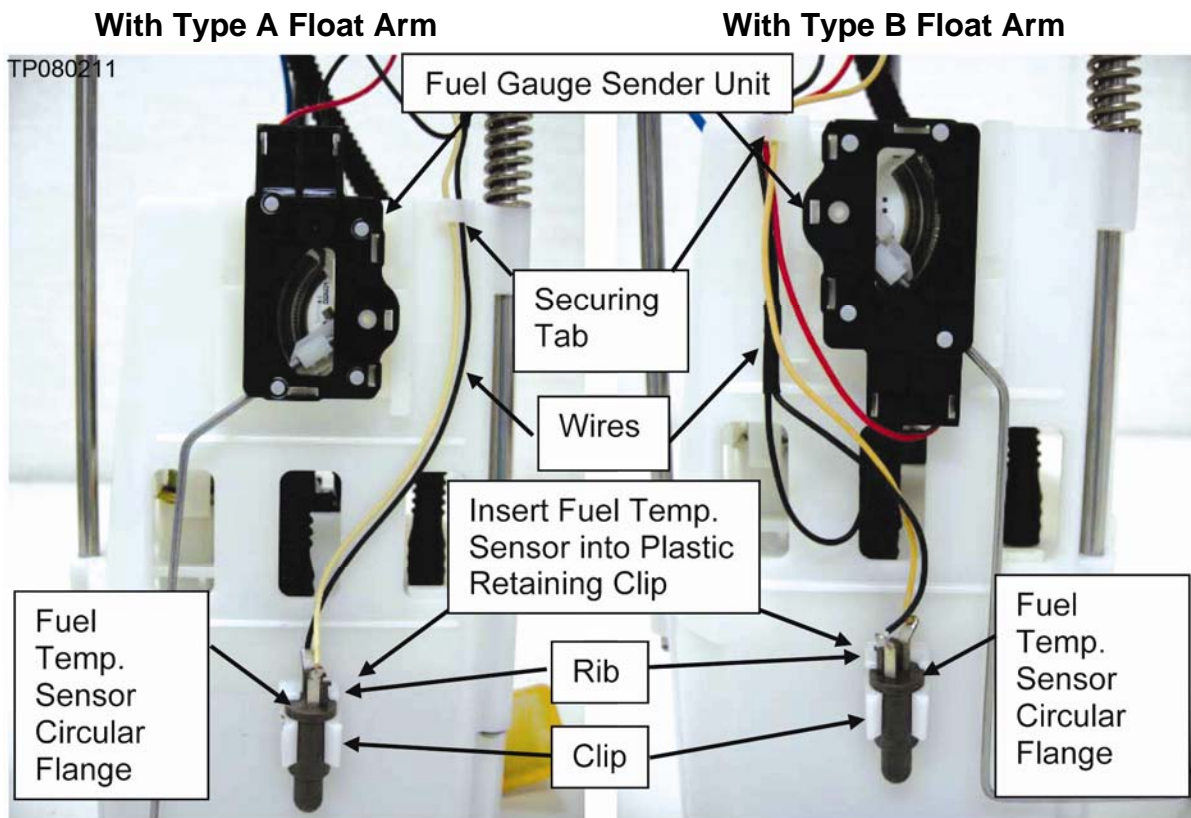


Figure 5

- d. Connect the White Wire Connector into the top of the Fuel Pump (see Figure 6).
- e. Pull and push all connectors to make sure they are fully locked in place.
- f. Use the new tie-wrap to secure all the wires to the black corrugated tubing (see Figure 6).
 - New tie-wrap is included with the new sender unit.
 - Make sure all wires are tied together (3 fuel level sending unit wires and 2 fuel pump wires).
 - Place the Tie-Wrap 90 mm (about 3.5 inches) from the top of the tubing.
 - Make sure the wires do not interfere with the movement of the float arm.

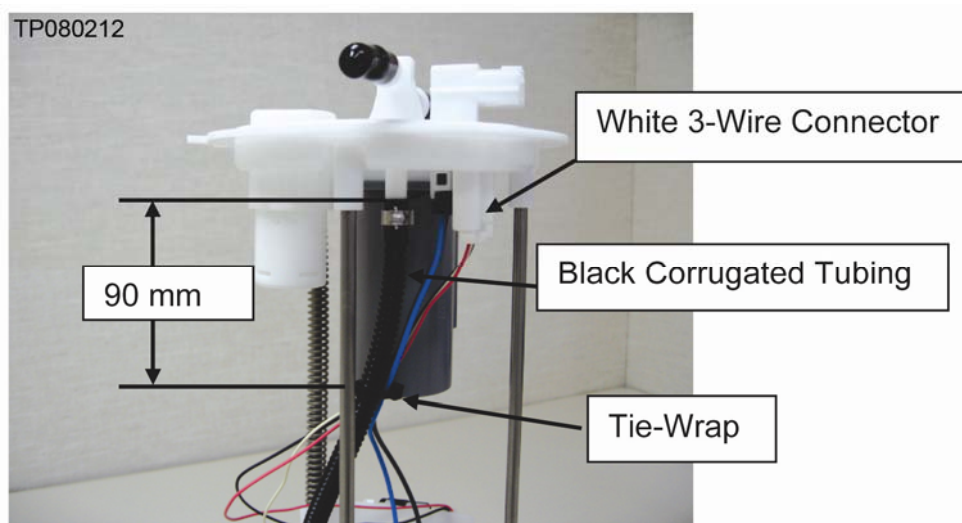


Figure 6

4. Carefully reinstall the Fuel Pump Assembly back into the vehicle in reverse of removal.
 - **IMPORTANT:** Use a new seal (O-Ring) when reinstalling the Fuel Pump Assembly.
 - Refer to the Service Manual as needed.

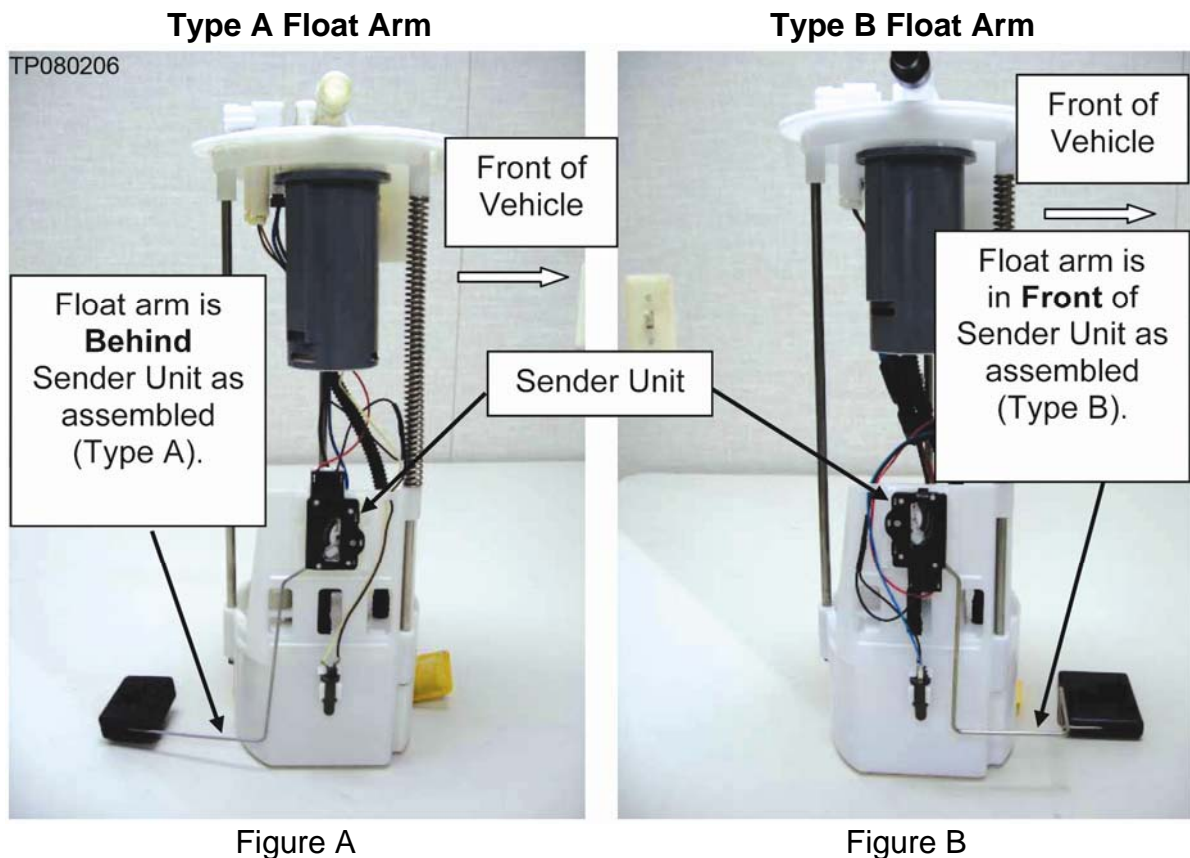
CAUTION: DO NOT bend the Float Arm when reinstalling the Fuel Pump.

5. Confirm the Fuel Gauge operates properly.

PARTS INFORMATION

DESCRIPTION	APPLIED VIN	PART NUMBER	FLOAT ARM *	QTY
Sender Unit – Fuel Gauge	VIN is less than (before) 5N3A****6N 801668	25060 ZQ60A	Type A	1
	VIN is greater than (after) 5N3A****6N801668	25060 ZQ60C	Type B	1
Seal – O Ring, Fuel Gauge	All	17342 7S000	All	1

* There are two types of float arms (Type A and Type B). Refer to Figures A and B below. The orientation of the new replacement float arm (float arm type) must be the same as the original.



CLAIMS INFORMATION

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

“CM” I.D.: R1011

DESCRIPTION	OP CODE	FRT
Replace Fuel Gauge Sender Unit	R10110	1.5 hrs.

OWNER'S LETTER

Dear Infiniti QX56 Owner:

This third notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Infiniti has decided that a defect which relates to motor vehicle safety exists in certain 2005-2009 Model Year Infiniti QX56 vehicles. Our records indicate that you own or lease one of the potentially affected vehicles.

Reason for Recall

You were previously notified that the fuel gauge in some of the affected vehicles may be inaccurate due to a malfunction in the fuel level sending unit. Over time, this causes the instrument panel fuel gauge to inaccurately display that the vehicle still has some fuel, typically about 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 Infiniti Will Do

Parts are now available for your Infiniti dealer to replace the fuel sender unit inside the fuel tank with a new improved part. This service, free of charge for parts and labor, should take three hours to complete, but your Infiniti dealer may require your vehicle for a longer period of time based upon their work schedule.

What You Should Do

Please contact your Infiniti dealer as soon as possible to have your vehicle repaired. **It is important that you continue to maintain the fuel level in your vehicle so that the fuel gauge reads above the one half position until your service appointment.** Please bring this notice with you when you keep your service appointment. Instructions have been sent to your Infiniti dealer.

If the dealer fails, or is unable to make the necessary repairs free of charge, you may contact the National Consumer Affairs Department, Infiniti Division, Nissan North America, Inc., P.O. Box 685003, Franklin, TN 37068-5003. The toll free number is 1-800-662-6200. 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.

