

Classification:
FE08-004a

Reference:
ITB08-041a

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Date:
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HARD TO FILL FUEL TANK

Applied Vehicles has been amended and the Classification was changed to FE. No other content has changed.
Please discard all earlier versions.

APPLIED VEHICLES: 2003 – 2006 G35 Sedan (V35)
2007 – 2008 G35 Sedan (V36)
2003 – 2007 G35 Coupe (CV35)
2008 G37 Coupe (CV36)
2006 – 2008 M (Y50)

IF YOU CONFIRM

The fuel tank is difficult to fill more than ½,

NOTE: Filling nozzle continues to click OFF when the fuel tank is more than ½ full.

ACTIONS

Install the Cut Bracket (cover) onto the Fill Limit Vent Valve (FLVV) inside the fuel tank (see Service Procedure).

NOTE: All fuel must be removed from the tank for this procedure.

IMPORTANT: The purpose of "ACTIONS" (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire Service Procedure as it contains information that is essential to successfully completing this repair.

Infiniti Bulletins are intended for use by qualified technicians, not 'do-it-yourselfers'. Qualified technicians are properly trained individuals who have the equipment, tools, safety instruction, and know-how to do a job properly and safely. **NOTE:** If you believe that a described condition may apply to a particular vehicle, **DO NOT** assume that it does. See your Infiniti dealer to determine if this applies to your vehicle.

PARTS INFORMATION

Description	PART #	Quantity
Cut Bracket - (FLV Valve Cover)	17366 – EY80A	1
O-ring (for fuel pump opening)	17342 – 01A00	1

CLAIMS INFORMATION

Submit a Primary Part (PP) type line claim using the following claims coding:

G35 (V35) Sedan, G35 (CV35) Coupe, G35 (V36) Sedan, G37 (CV36) Coupe.

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
FLV Valve Cover – Install	(1)	FX32AA	ZE	32	0.6 hrs

(1) Reference the FAST Parts Catalog and use the applicable Tank Assy-Fuel P/N as the PFP

OR:

M35/45 (Y50) with non-power seat

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
FLV Valve Cover – Install	(1)	FX32AA	ZE	32	0.7 hrs

(1) Reference the FAST Parts Catalog and use the applicable Tank Assy-Fuel P/N as the PFP

OR:

M35/45 (Y50) with power seat

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
FLV Valve Cover – Install	(1)	FX33AA	ZE	32	0.9 hrs

(1) Reference the FAST Parts Catalog and use the applicable Tank Assy-Fuel P/N as the PFP

SERVICE PROCEDURE

NOTE: The procedure in this bulletin will require placing your entire arm into the fuel tank. **The fuel tank must be empty for this procedure.**

1. Remove the fuel pump from the fuel tank.
 - Refer to Section FL in the Service Manual for fuel pump removal information.
 - **CAUTION:** The fuel tank is required to be less than 7/8 full before removing the fuel pump in order to prevent fuel spillage from the fuel pump opening.

2. Cut / split the side of a piece of rubber tube (vacuum line) and place it on the edge of the fuel pump opening.
 - This will protect your hands and arms from the sharp edge of the fuel tank.



Figure 1

Before continuing with this procedure:

- Make sure the fuel tank is empty.
- Read through all of the steps and understand the procedure.

3. Hold the Cut Bracket (cover) so the open side of the cover is towards the passenger side of the vehicle.

NOTE: There is very little room inside the tank to maneuver the cover. You should hold it in the "installation direction" as you put it into the tank.

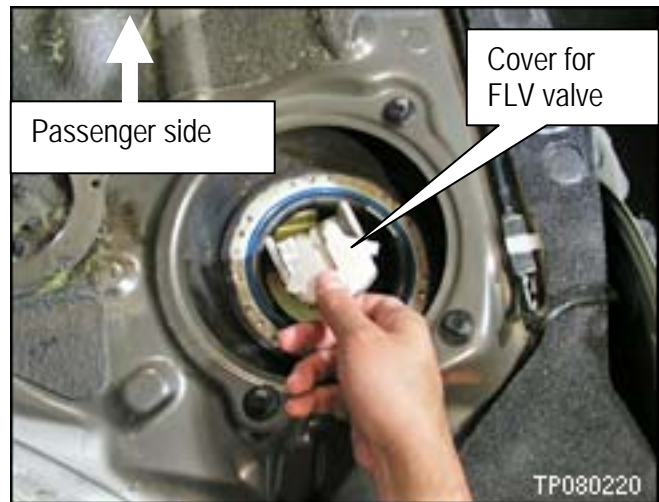


Figure 2

4. While holding the cover, reach into the tank.



Figure 3

5. Maneuver the cover to the FLV valve and snap the cover onto the valve.

- The FLV valve is located in the middle upper area of the tank.
- Refer to Figures 4 through 8.

The side of the fuel tank has been cut away to show installation of the cover.

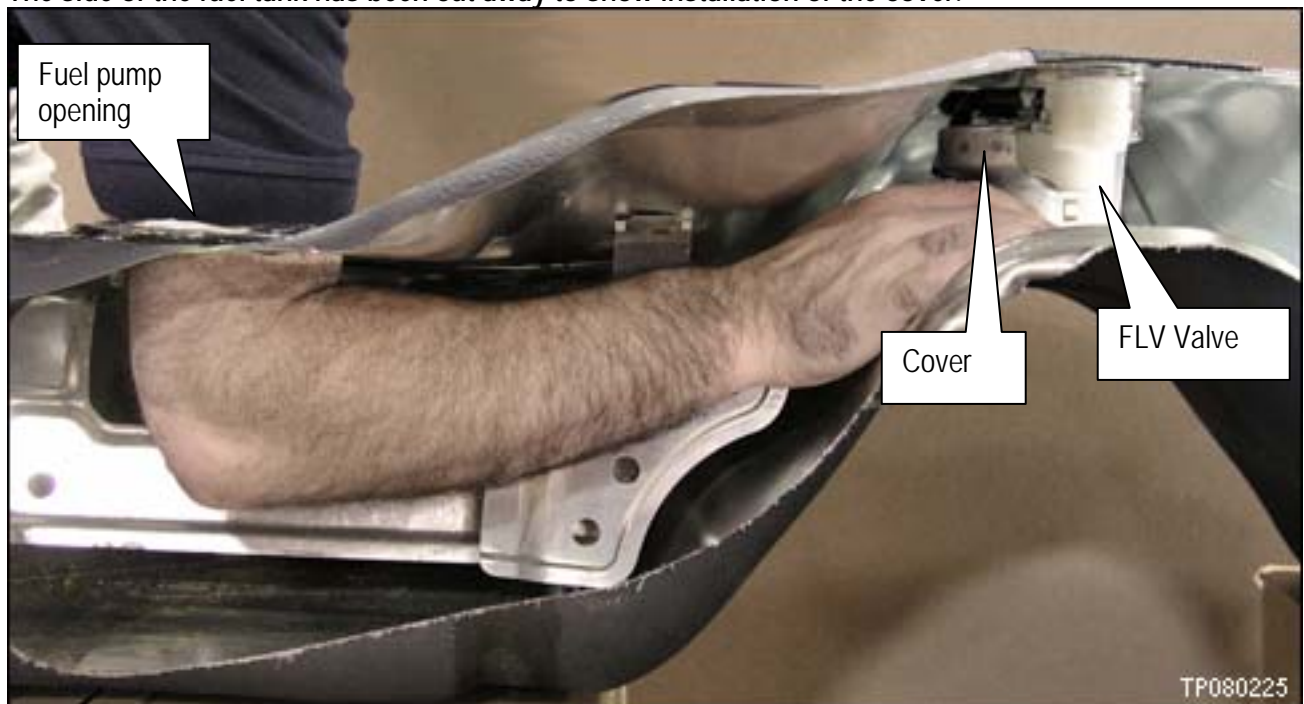


Figure 4

See Photos on the next two pages (Figures 5 – 8).

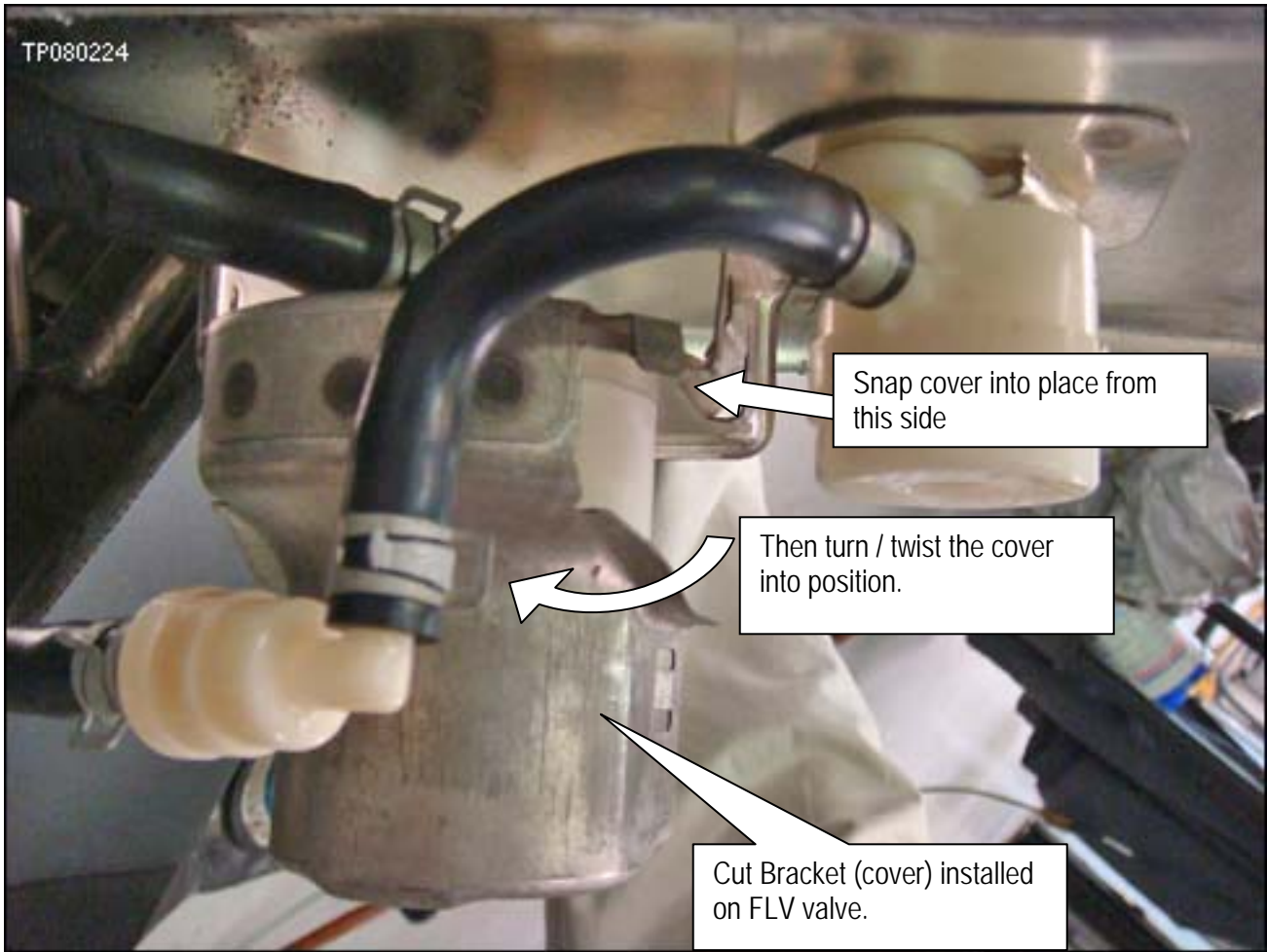


Figure 5

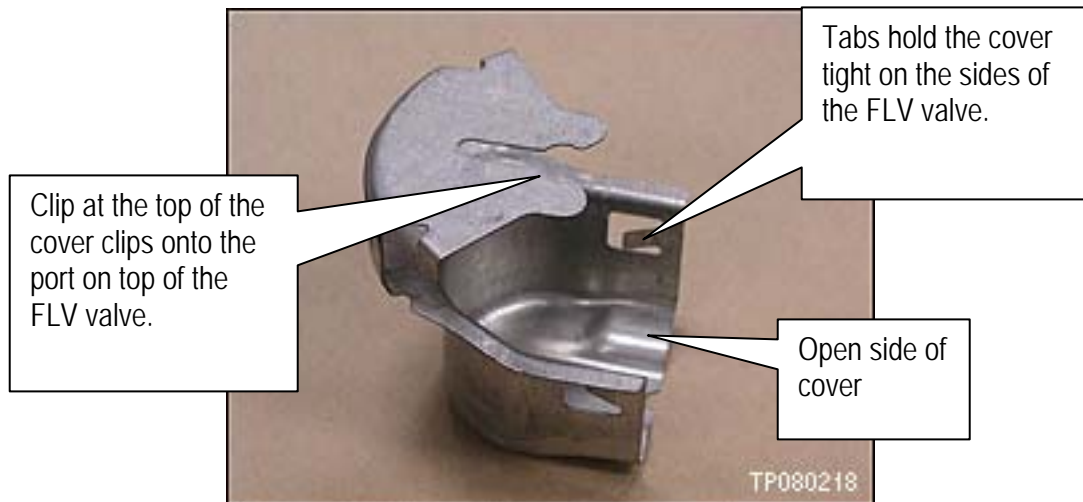


Figure 6

FLV valve without cover

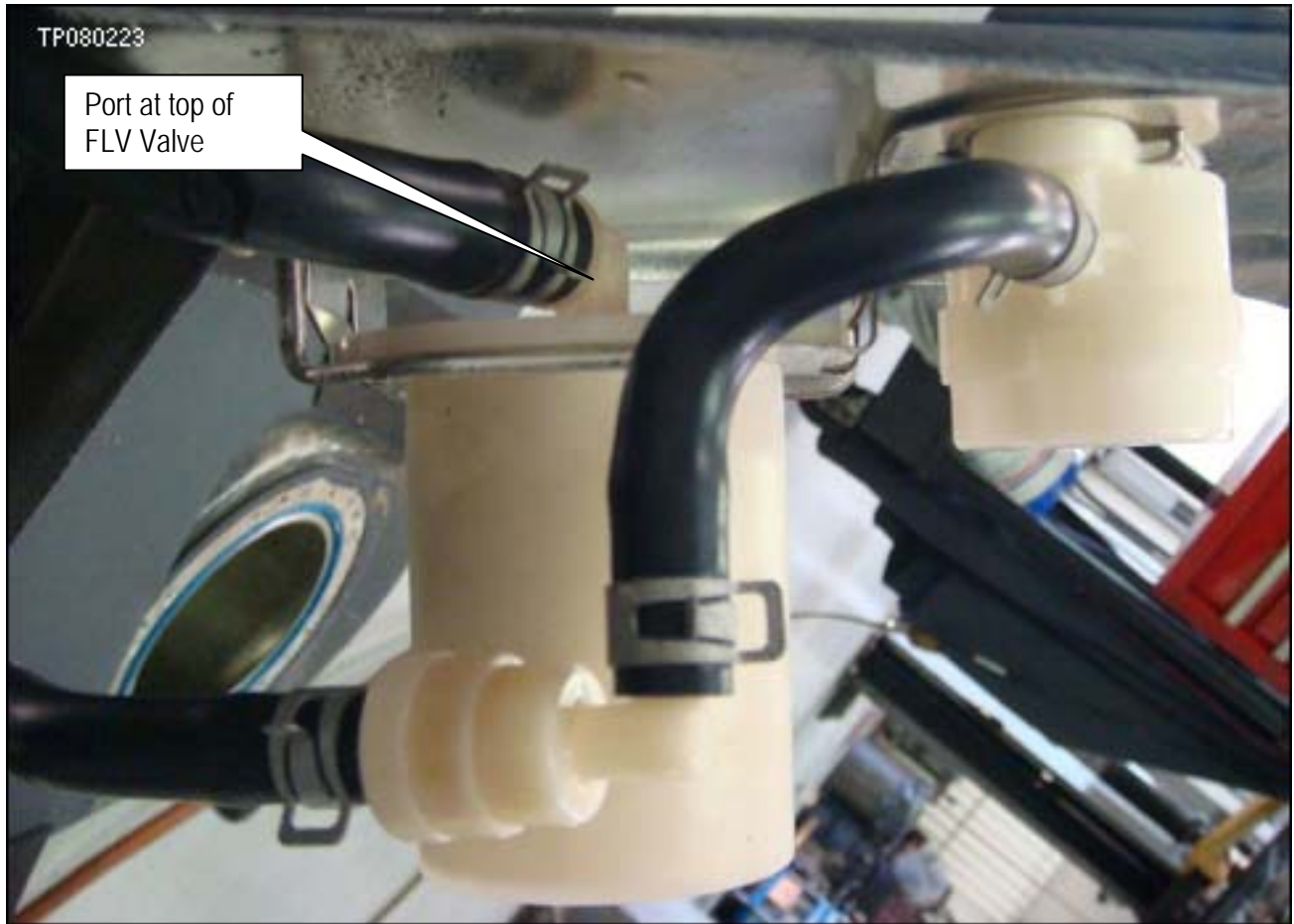


Figure 7

View from inside the tank with the cover installed on the FLV valve



Figure 8

6. Use a mirror to confirm the cover is installed correctly.



Figure 9

7. Reinstall all parts removed in reverse order.

NOTE: Make sure to use a new O-ring (P/N 17342 – 01A00) on the fuel pump opening.

