



SERVICE BULLETIN

Classification: FE08-003	Reference: NTB08-082	Date: August 22, 2008
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2003 - 2008 350Z; HARD TO FILL FUEL TANK

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APPLIED VEHICLES: 2003 - 2008 350Z (Z33)

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.

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:

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

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

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.

Nissan 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 Nissan dealer to determine if this applies to your vehicle.

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.

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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.

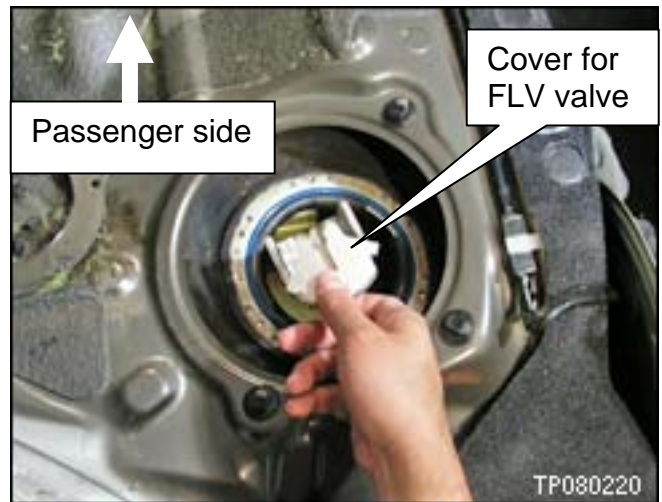


Figure 2

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.

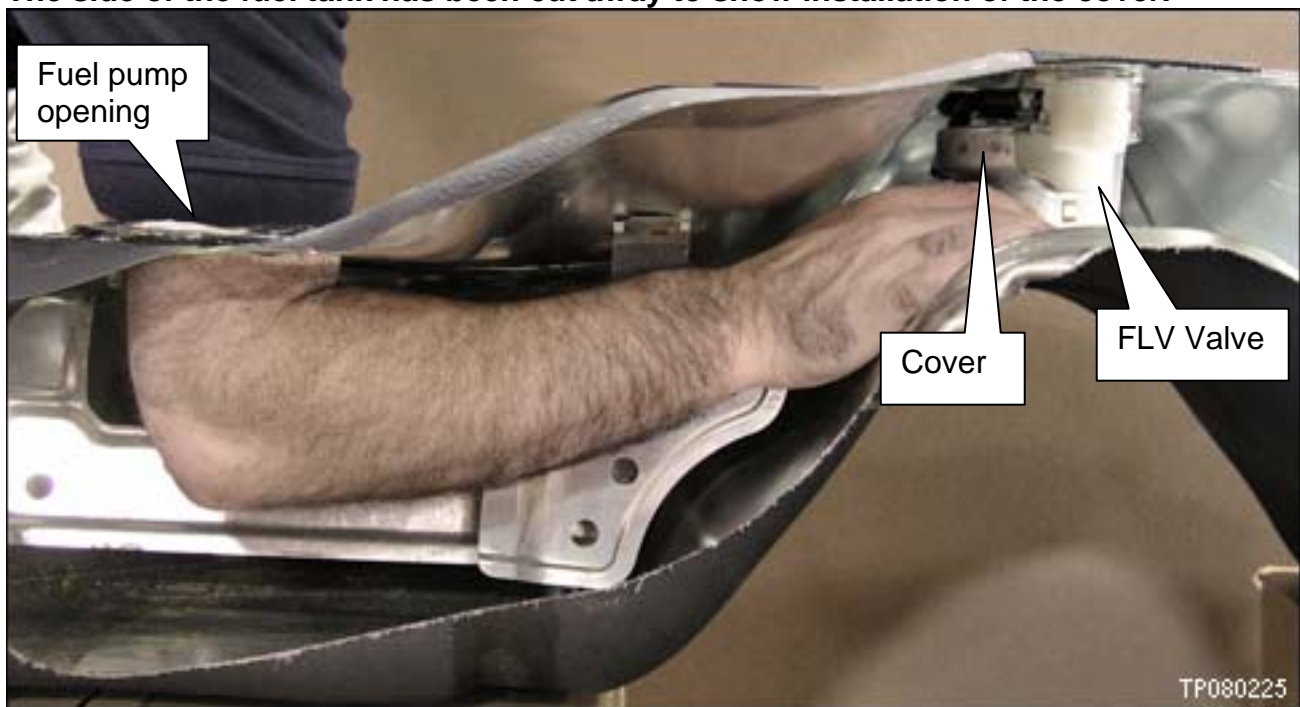


Figure 4

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

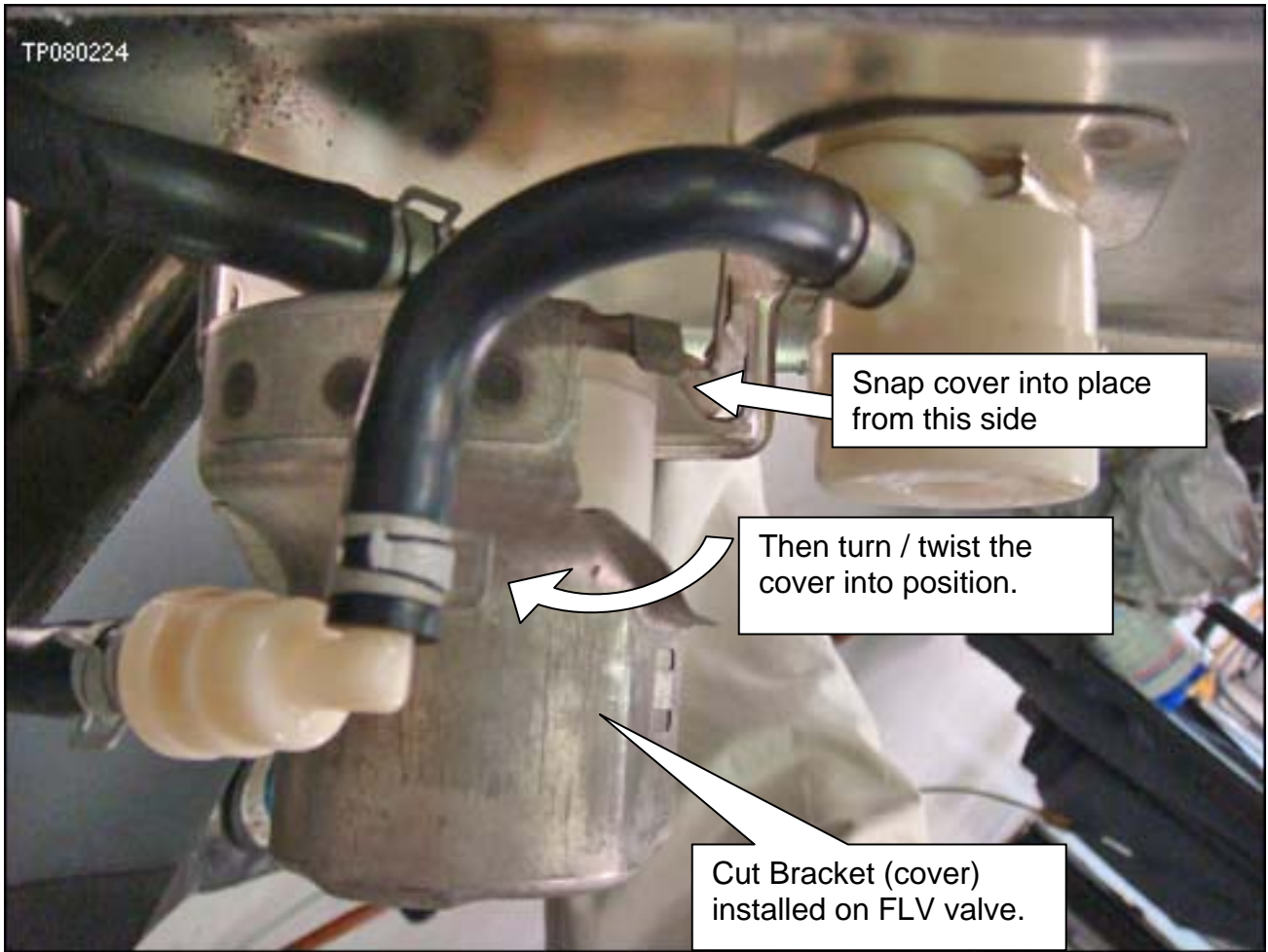


Figure 5



Figure 6

FLV valve without cover

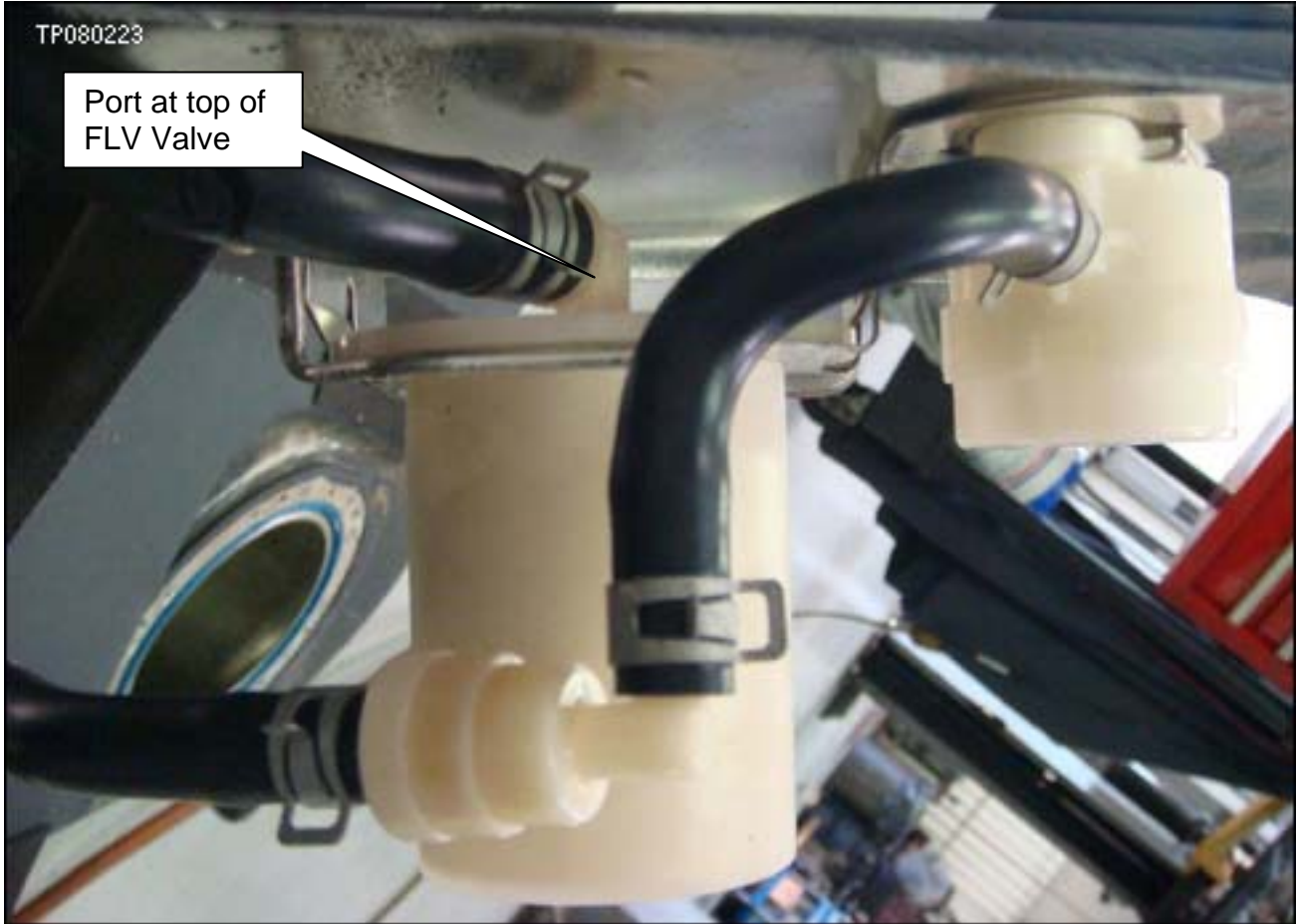


Figure 7

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.

