



SERVICE BULLETIN

Classification:

EC16-038

Reference:

NTB16-122

Date:

December 9, 2016

2015-2017 FRONTIER; MIL ON WITH DTC P0448 AND/OR DIFFICULT TO FILL THE FUEL TANK

APPLIED VEHICLE: 2015-2017 Frontier (D40)

APPLIED VIN: 2015 vehicles built on or after 1N6(*)D0(***)FN 752055
2016-2017 vehicles; All VINs

APPLIED DATE: Vehicles built after April 22, 2015

IF YOU CONFIRM:

The MIL is ON with DTC P0448 (EVAP canister vent control valve close) stored in the ECM.

And/Or

The customer states it is difficult to fill the fuel tank.

ACTION:

1. Replace the EVAP canister and EVAP canister vent control valve.
2. Attach EPT foam seal to the new fuel filler pipe.
3. Replace the fuel filler pipe.
 - See **PARTS INFORMATION** for all parts stated in steps 1-3.
4. Erase the DTC.

IMPORTANT: The purpose of **ACTION** (above) is to give you a quick idea of the work you will be performing. You **MUST** closely follow the entire **SERVICE PROCEDURE** (starting on page 2) 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

IMPORTANT: Follow all warnings, cautions, and notes in the ESM when working on or near a fuel system and EVAP system components, such as a fuel tank and vent control valve.

NOTE: The fuel tank must be no more than $\frac{3}{4}$ full (the less fuel the better) to prevent spillage before performing the **SERVICE PROCEDURE** below.

1. Replace the following parts:

- Fuel filler pipe

NOTE: Wrap the new fuel filler pipe with EPT foam before installing (see page 3).

- EVAP canister
- EVAP canister vent control valve
- Refer to the Electronic Service Manual (ESM), sections **EC-Engine Control System** and **FL-Fuel System** (as it applies), for removal and installation procedure.

NOTE:

- It is recommended to remove the grommet from the fuel filler pipe after detaching the fuel filler pipe with grommet from the vehicle. This makes it easier to remove the fuel filler pipe from the vehicle.
- Cover the fuel tank's rubber filler hose with a clean shop cloth or suitable covering once the fuel filler pipe has been detached from it.

2. Erase the DTC.

Wrap Fuel Filler Pipe with EPT Foam

NOTE: Refer to **PARTS INFORMATION** for EPT foam (foam).

IMPORTANT: The EPT foam must completely seal the fuel filler pipe drain box when applied. Read steps 1-6 before proceeding.

1. Peel back the self-adhesive protective sheet several inches from the end of the foam.

NOTE: The foam is the same on both ends.

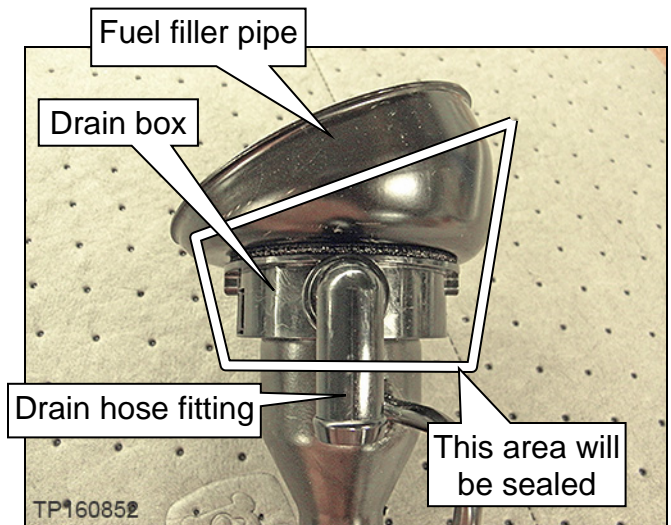


Figure 1

2. Insert the foam so it seals tightly against the drain hose fitting.

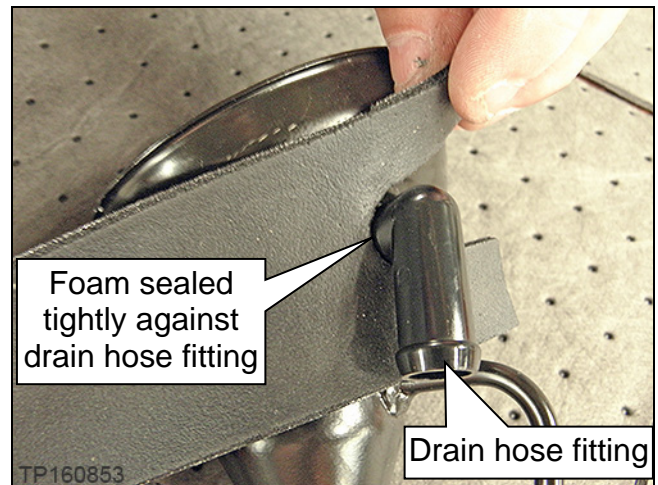


Figure 2

3. Wrap the top of the foam tightly around the drain hose fitting.

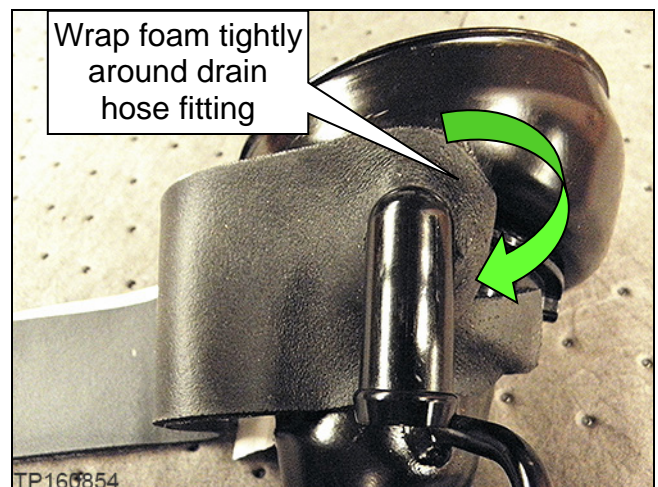


Figure 3

4. Peel off the remaining self-adhesive protective sheet, and then wrap the foam 360° around the fuel filler pipe drain box (drain box).
 - Wrap the foam so that its width extends above and below the drain box.
 - Refer to the drain box on page 3, Figure 1.

NOTE: The foam will fit tightly around the top of the fuel filler pipe and drain box. Slack at the bottom will be removed in the next step.

- End the wrap with the foam tightly sealed against the drain hose fitting.
5. Press the foam adhesive evenly onto the fuel filler pipe, pushing the slack around to the opposite side.

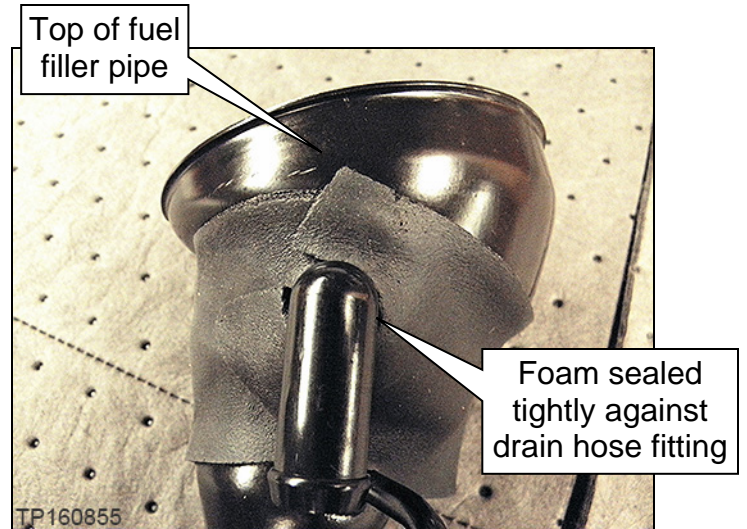


Figure 4

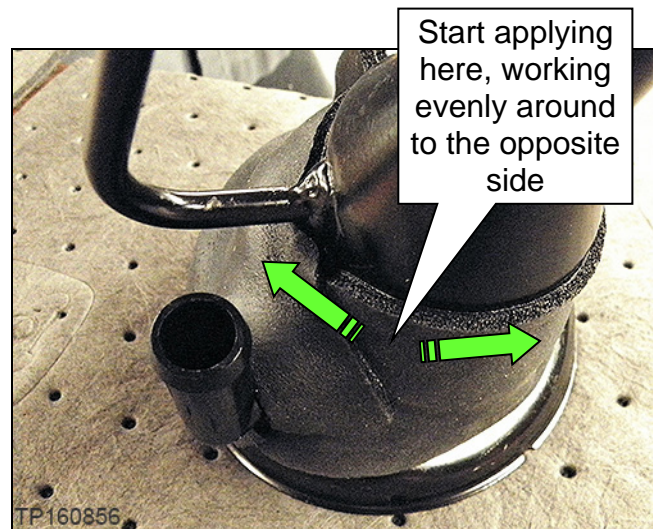


Figure 5

6. Close the excess foam by pinching together, and then press the remaining foam onto the fuel filler pipe (see Figure 6).

IMPORTANT: The foam must be completely sealed at the top, bottom and to the drain hose fitting. Confirm that no gaps or openings are present.

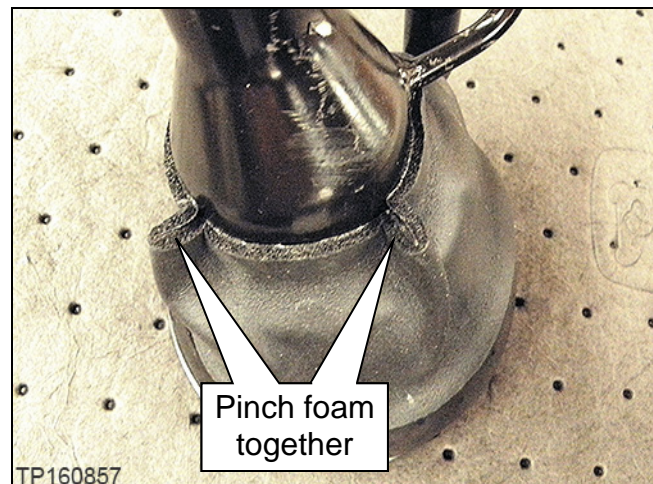


Figure 6

PARTS INFORMATION

MODEL	DESCRIPTION	PART NUMBER	QUANTITY
Long Wheel Base Crew Cab & King Cab	TUBE ASSY-FILLER (Fuel Filler Pipe)	17221-9BF0A	1
Short Wheel Base Crew Cab	TUBE ASSY-FILLER (Fuel Filler Pipe)	17221-9BG0A	1
All	CANISTER ASSY E	14950-EA20B	1
	VALVE ASSY-CONTROL	14935-JF00C	1
	CLAMP	16439-JA00B	1
	EPT FOAM	17295-EZ30C	1

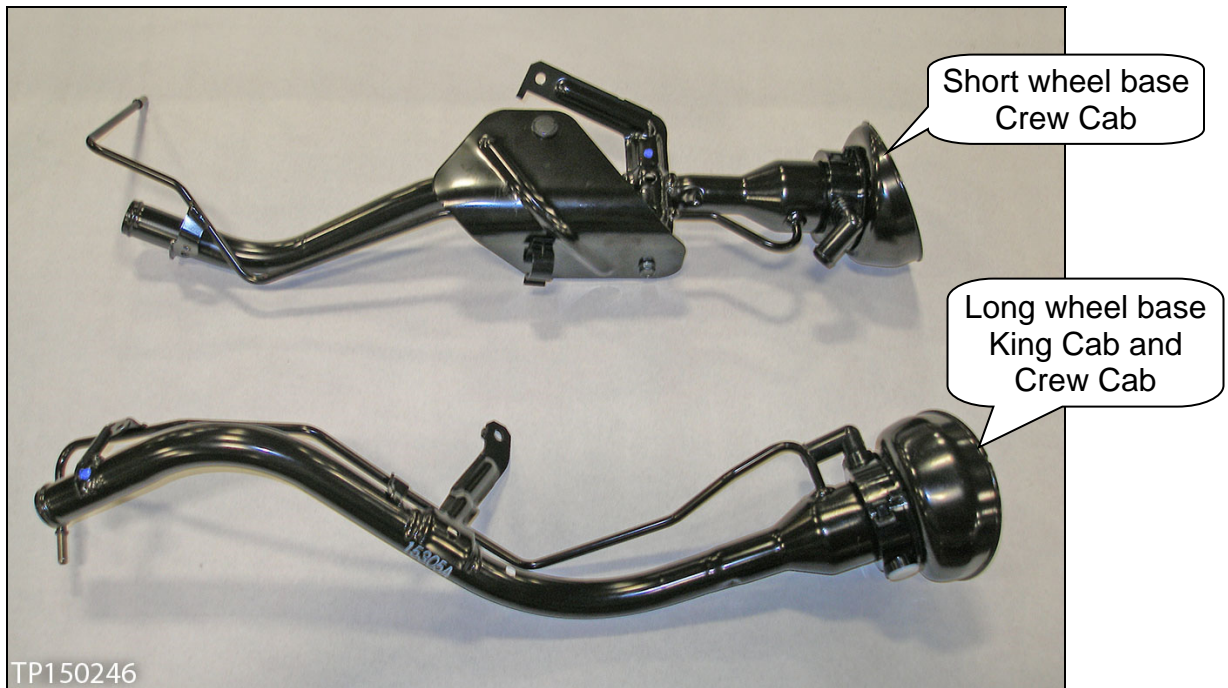


Figure 16

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Replace Fuel Filler Tube	(1)	FB30AA	ZE	32	(2) (3)
Replace Vapor Canister Assembly		FC40AA			
Replace Evap Canister Control Valve		FC50AA			

- (1) TBD Reference the Parts Information Table and use the TUBE ASSY-FILLER P/N (17221-*****) as the PFP.
- (2) Reference the current Nissan Warranty Flat Rate Manual and use the indicated FRT.
- (3) FRT allows adequate time to access DTC codes. No other diagnostic procedures subsequently required. Do NOT claim any Diagnostic Op Codes with this claim.