



SERVICE BULLETIN

Classification:

EC19-006a

Reference:

NTB19-037a

Date:

July 29, 2020

2016-2019 TITAN; MIL ON WITH DTC P0448 AND WATER IN EVAP FILTER

This bulletin has been amended. See AMENDMENT HISTORY on the last page.
Please discard previous versions of this bulletin.

APPLIED VEHICLES: 2016-2019 Titan (A61)
APPLIED ENGINE: VK56DE (V8 gas engine)

IF YOU CONFIRM

The MIL is ON with DTC P0448 (EVAP canister vent control valve close) stored in the ECM and water is found in the EVAP filter, canister, or vent control valve.

ACTION

Remove and **replace**:

- Fuel filler tube
- EVAP filter
- EVAP canister

Remove and **reuse**:

- EVAP vent control valve
- EVAP pressure sensor

IMPORTANT: Before any parts are removed from the vehicle, note the EVAP filter orientation and hose routing (take a photo). **Hose routing and EVAP filter orientation is critical and varies depending on production date.**

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 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

1. Replace the fuel filler tube, EVAP filter, and EVAP canister.
2. Remove and set aside the EVAP canister vent control valve and EVAP control system pressure sensor. These parts will be reused later in the procedure.

3. Inspect the EPT seal material on the service fuel filler tube.
 - If the EPT seal material on the **NEW** fuel filler tube is loose or has any area of no contact, continue to step 4, below.
 - If the EPT material is properly secured to the NEW fuel filler tube, continue to step 5 on page 4.



Figure 1

4. Wrap EPT foam (see **PARTS INFORMATION** on page 6) around the top of the new fuel filler tube where indicated in Figure 2.

IMPORTANT: The EPT foam must completely seal the filler tube drain when applied. Read steps 4a–f before proceeding.

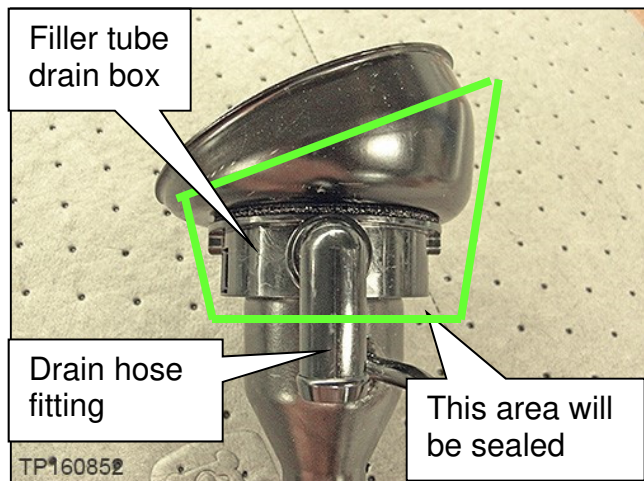


Figure 2

- a. Peel the self-adhesive protective sheet back several inches from the end of the EPT foam strip.

NOTE: The EPT foam is the same on both ends.

- b. Insert the EPT foam strip so it seals tightly against the drain hose fitting.

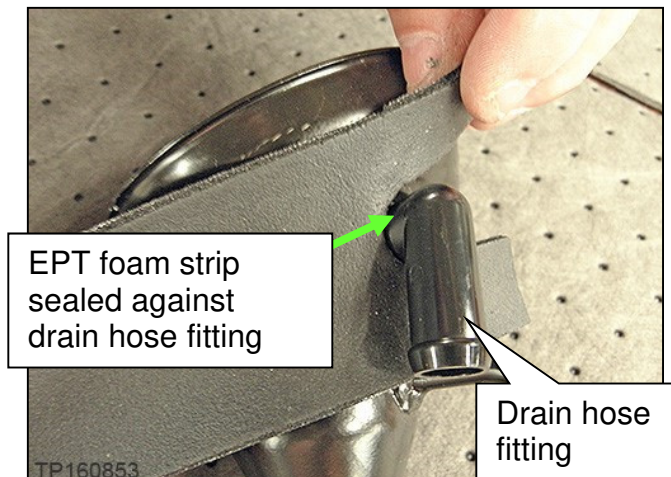


Figure 3

- c. Wrap the top of the EPT foam strip tightly around the drain hose fitting.
- d. Peel the self-adhesive protective sheet and then wrap the EPT foam 360 degrees around the filler tube drain box.
- Wrap the EPT foam so that its width extends above and below the fuel filler tube drain box.

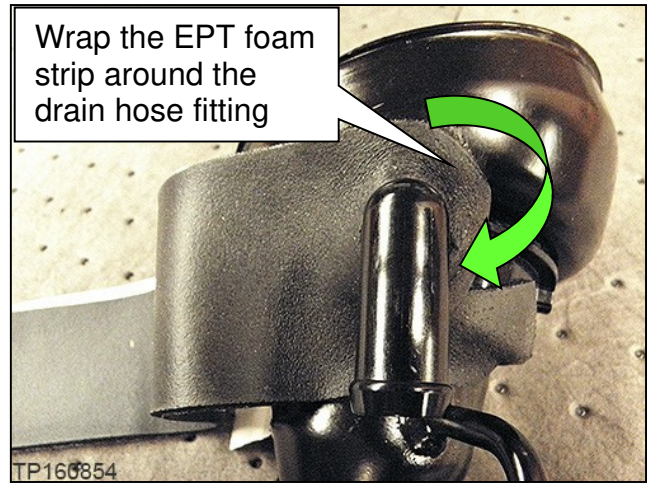


Figure 4

NOTE: The EPT foam should fit tightly around the top of the fuel filler tube and the fuel filler tube drain box; slack at the bottom will be removed in the next step.

- End the wrap with the EPT foam tightly sealed against the drain hose fitting.

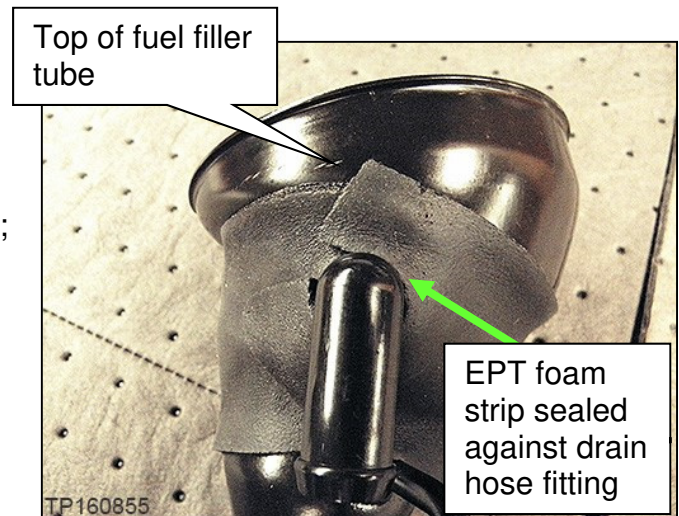


Figure 5

- e. Press the EPT foam adhesive to the fuel filler tube evenly, pushing the slack around to the opposite side.

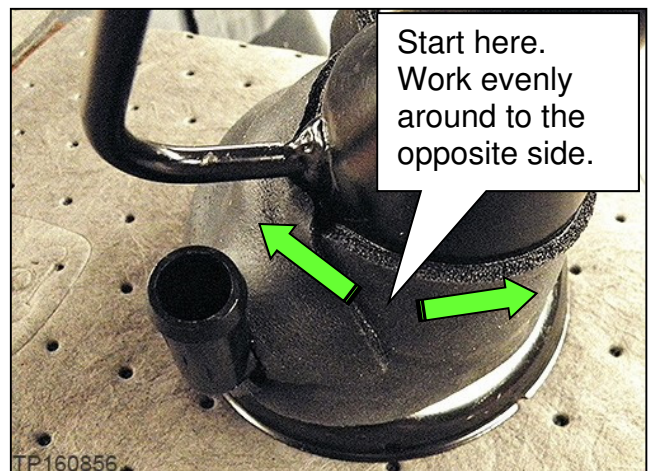


Figure 6

- f. Close the excessive EPT foam by pinching the excess together as shown in Figure 7, and then press the remaining EPT adhesive to the fuel filler tube.

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

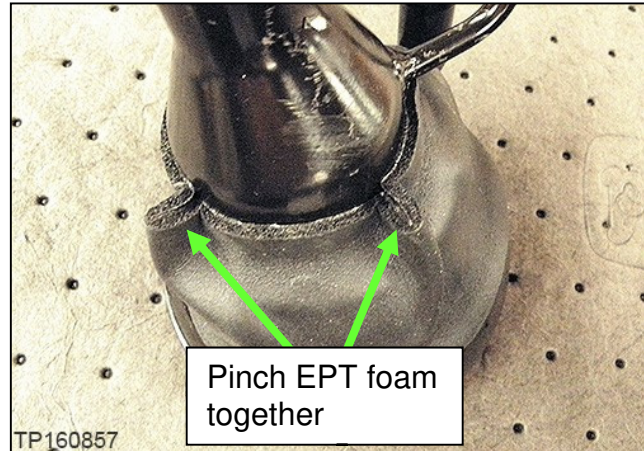


Figure 7

5. Reinstall the original EVAP canister vent control valve and EVAP control system pressure sensor onto the new EVAP canister.

NOTE: For steps 5 through 8, refer to the Electronic Service Manual (ESM) section **ENGINE > FUEL SYSTEM > VK56VD > REMOVAL AND INSTALLATION.**

6. Install the new EVAP canister assembly onto the vehicle.
7. Install the new fuel filler tube.
8. Install the new EVAP filter.

NOTE: Install all parts in the same orientation and using the same routing as found prior to disassembly. Confirm all hoses are NOT kinked or twisted. Refer to the next page and verify the large side of the EVAP filter connects to the hose going to top of filler tube.

Routing **PRIOR** to March 2018

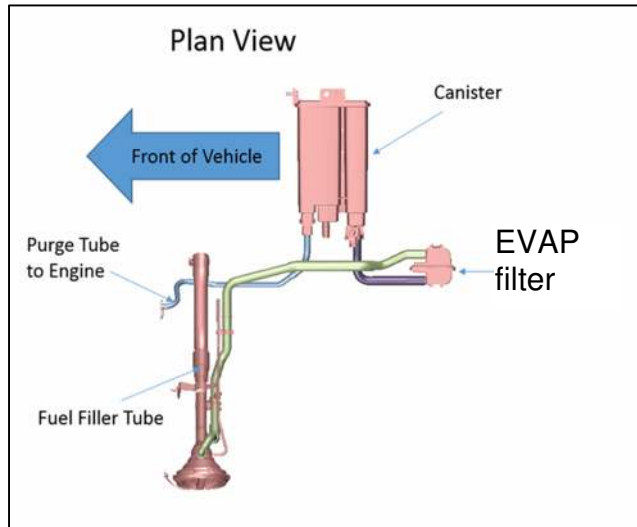


Figure 8

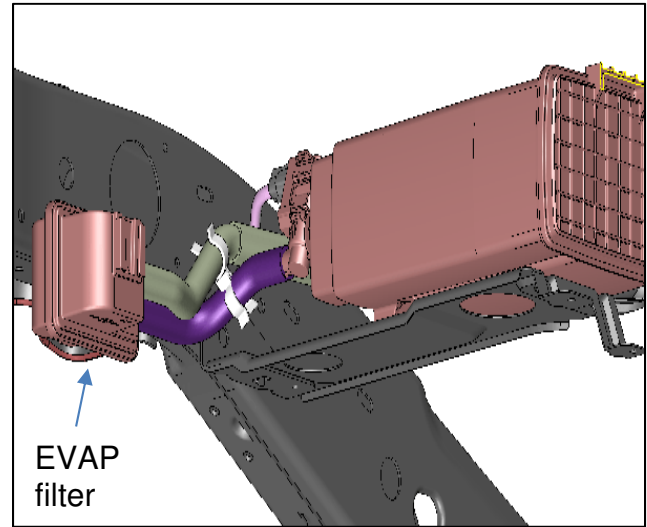


Figure 9

Routing **AFTER** March 2018

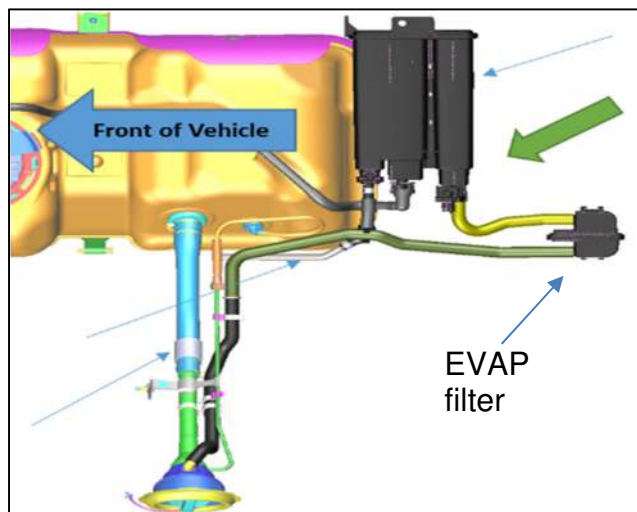


Figure 10

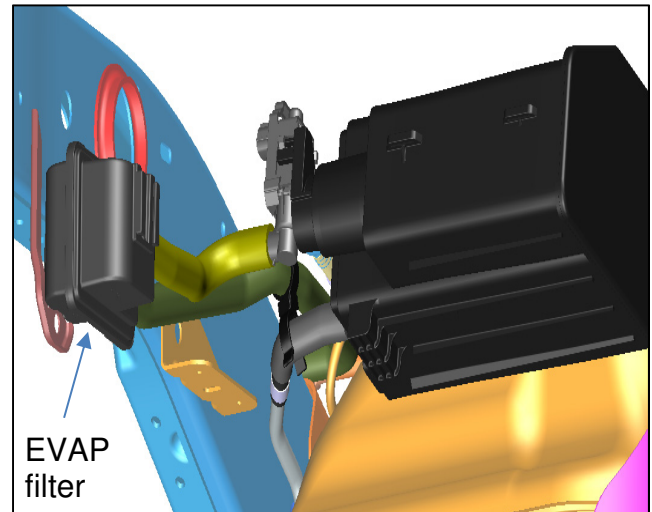


Figure 11

NOTE: Routing **DURING** March 2018 could have either design. Before any parts are removed from the vehicle, note the EVAP filter orientation and hose routing (**take a photo**). **Hose routing and EVAP filter orientation is critical and varies depending on production date.**

PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY
Filler tube	(*)	1
Canister	(*)	1
Filter	14953-1LA0A	1
EPT Foam	17295-EZ30C	1

(*) Reference the Electronic Parts Catalog (EPC) to determine the part number to be ordered.

CLAIMS INFORMATION

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

DESCRIPTION	PFP	OP CODE	SYM	DIA	FRT
Replace Tube, Filter and Canister	(1)	FX63AA	HD	32	1.3

(1) Reference the EPC and use the Fuel Filler Tube (17221-*****) as the Primary Failed Part (PFP).

AMENDMENT HISTORY

PUBLISHED DATE	REFERENCE	DESCRIPTION
April 23, 2019	NTB19-037	Original bulletin published
July 29, 2020	NTB19-037a	References to vent control valve and pressure sensor replacement removed from page 1, page 2, page 4, PARTS INFORMATION, and CLAIMS INFORMATION

