

**Classification:**

EC13-015f

**Reference:**

ITB13-044f

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**Date:**

August 15, 2018

## ALL MODEL YEAR 2012 AND NEWER INFINITI VEHICLES; EVAP LEAK DTC P0442, P0455, P0456 INFORMATION

This bulletin has been amended. The publication date has been revised to include the latest models and model years, and the Service Procedure has been updated. Please discard previous versions of this bulletin.

**APPLIED VEHICLES:** All model year 2012 and newer Infiniti vehicles

### SERVICE INFORMATION

All model year 2012 and newer Infiniti vehicles have a warning indicator in the instrument area to alert the driver of a loose fuel filler cap (see Figure 1 example).

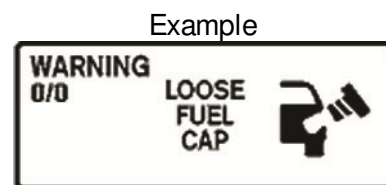


Figure 1

- If a vehicle displays a Loose Fuel Filler Cap warning light or message, the driver should safely stop the vehicle and make sure the fuel filler cap is installed correctly.
- Make sure the customer is informed of the proper fuel filler cap installation.
- Customers should refer to their vehicle Owner's Manual for specific details on the "LOOSE FUEL CAP" warning system and fuel filler cap installation.

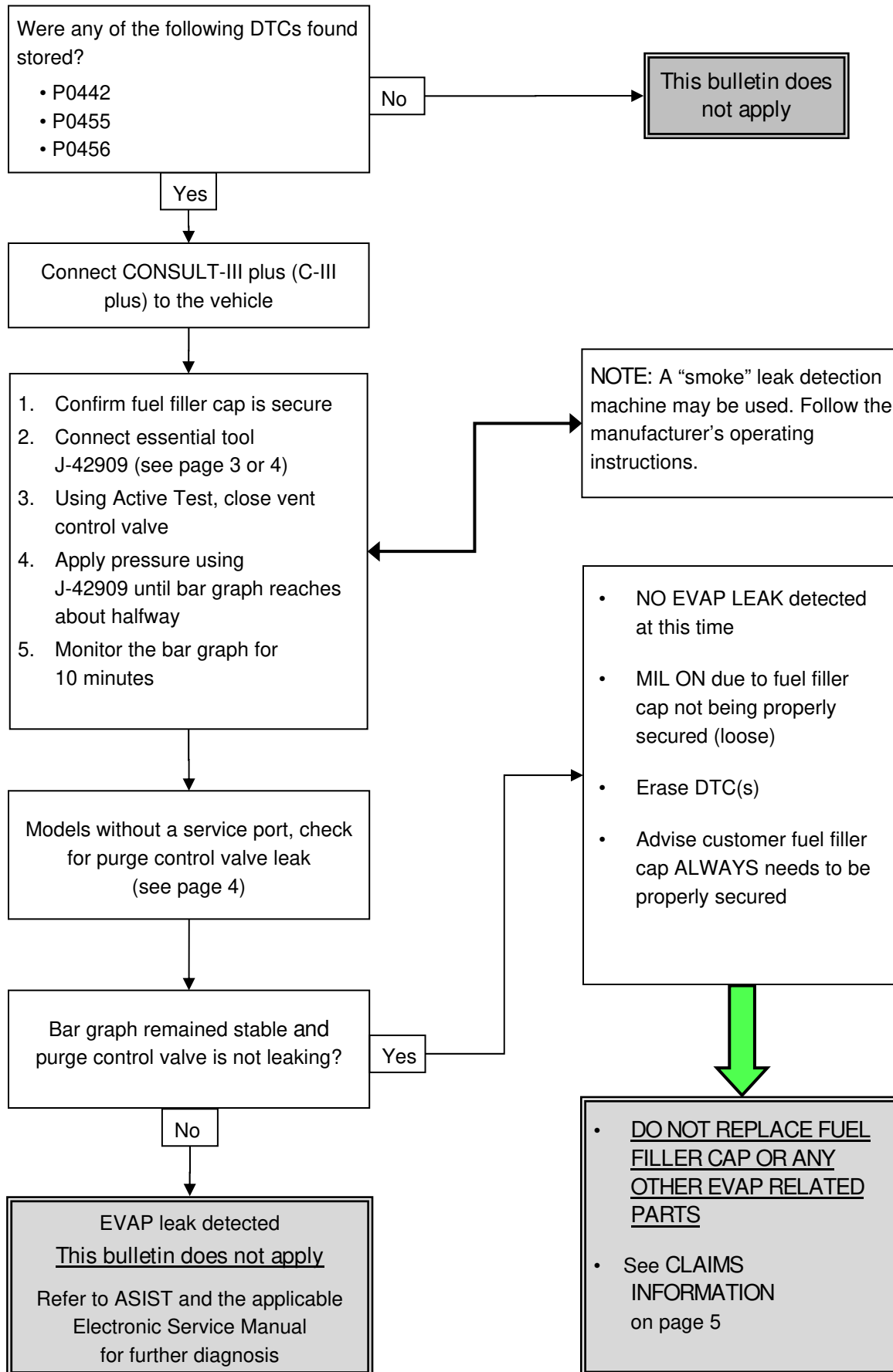
If a fuel filler cap is left loose for multiple trips, DTCs will be stored and the MIL will illuminate.

- If one or more of these EVAP leak DTCs are stored (P0442, P0455, P0456), a loose fuel filler cap may be the cause.
- If P0442, P0455, and/or P0456 is found stored, begin vehicle EVAP system diagnosis using the Flow Chart on the next page.
  - A test drive is not part of the DTC confirmation or diagnostic procedures for these DTCs.
  - Test-driving the vehicle for these DTCs will only waste time.
  - The diagnostic procedure in this bulletin must be used for these DTCs for an effective repair.

**NOTE:** Any parts replaced under warranty for repair of these DTCs are on automatic parts return to NNA for inspection. Any part found to be functional will cause a charge-back to the dealer.

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 retailer to determine if this applies to your vehicle.

## FLOW CHART



Models With a Service Port  
(2017 and older, except QX30)

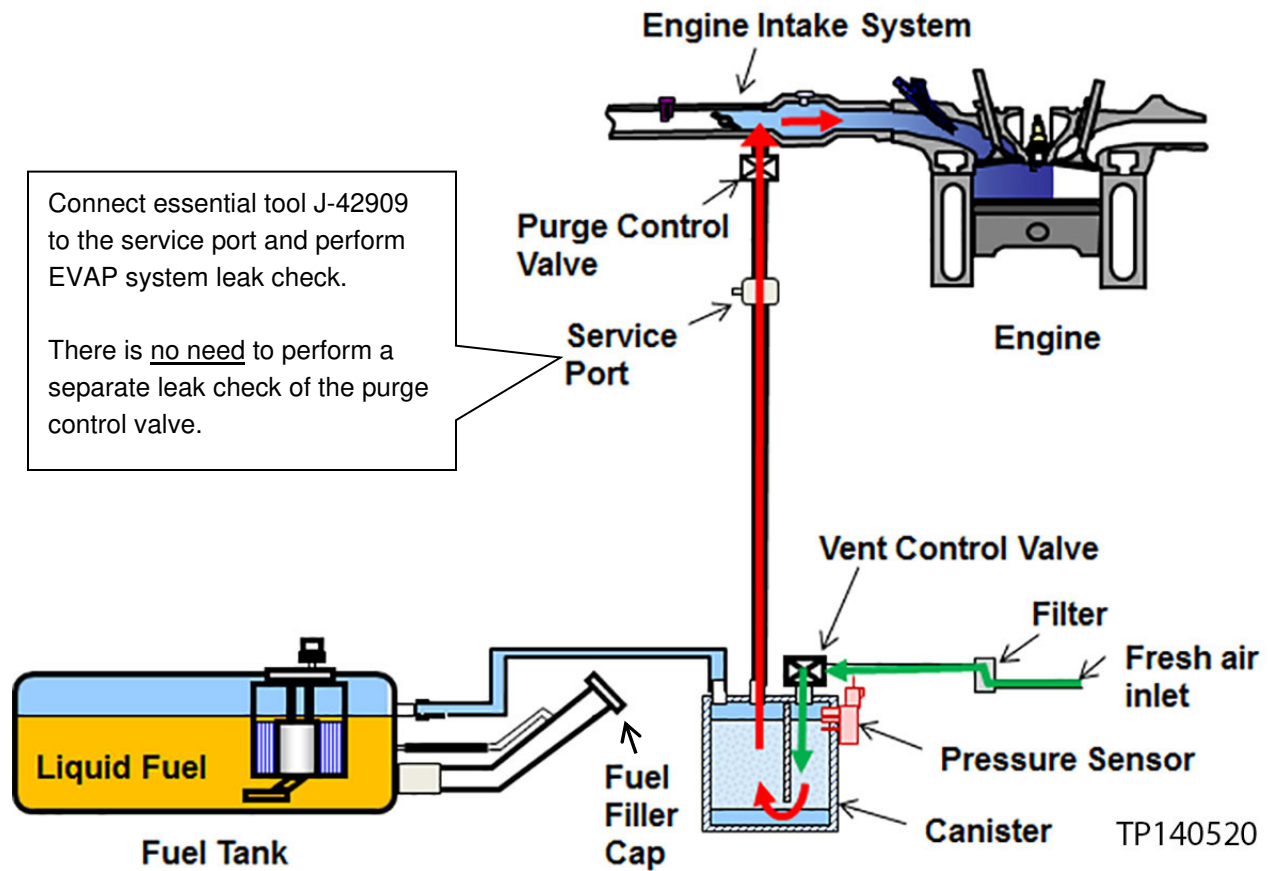


Figure 2

### EVAP System Basic Operation

- Fuel vapor flows from fuel tank into canister (light blue area)
- Vapor flows from canister through purge control valve (red line)
- Fresh air flows into canister (green line)

Models Without a Service Port  
(2018 and Newer, and all QX30)

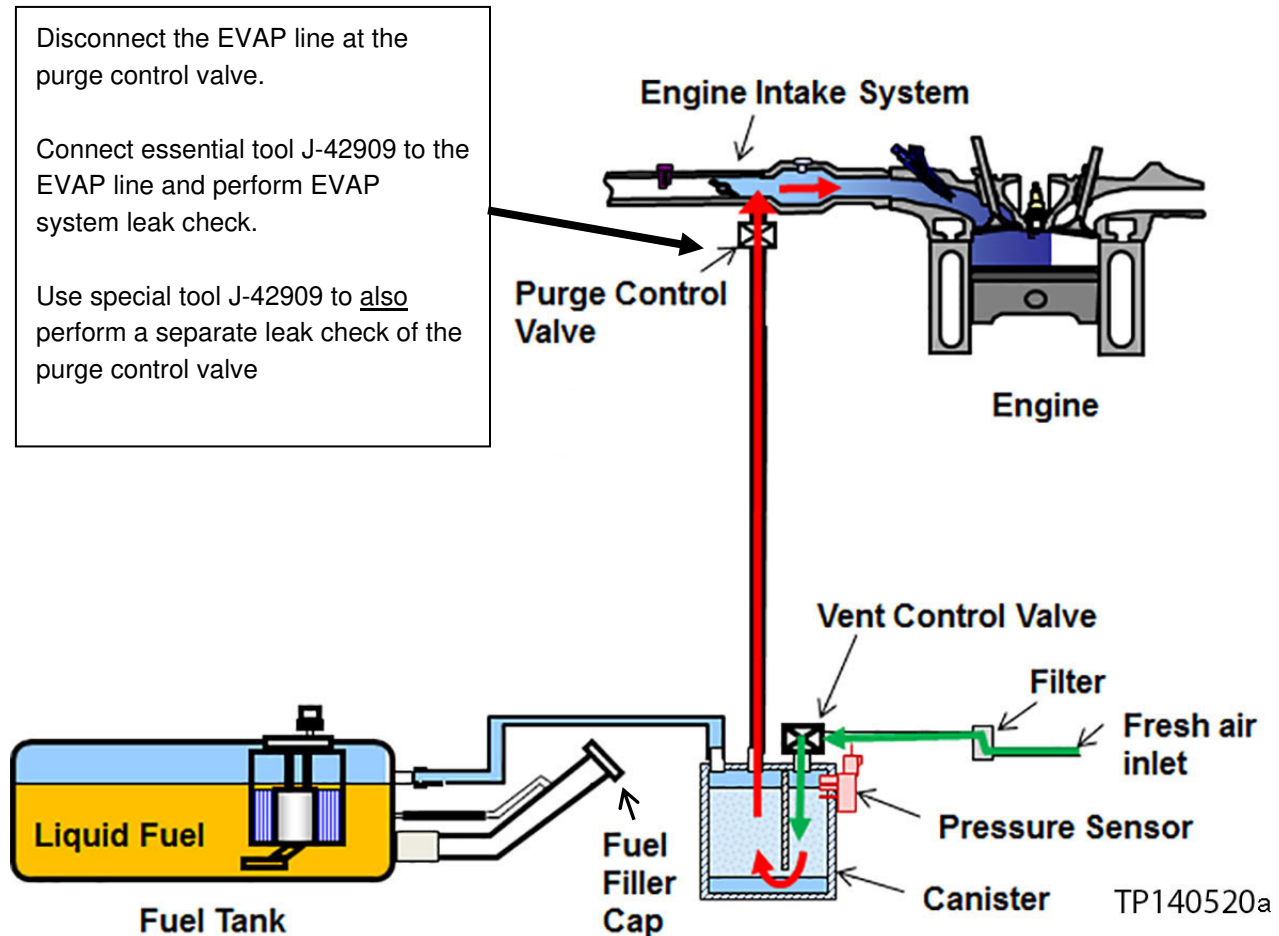


Figure 3

EVAP System Basic Operation

- Fuel vapor flows from fuel tank into canister (light blue area)
- Vapor flows from canister through purge control valve (red line)
- Fresh air flows into canister (green line)

## CLAIMS INFORMATION

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

| DESCRIPTION           | PFP | OP CODE | SYM | DIA | FRT |
|-----------------------|-----|---------|-----|-----|-----|
| EVAP System Leak Test | (1) | FX47AA  | ZE  | 32  | 0.4 |

- (1) Refer to the electronic parts catalog (FAST or equivalent) and use the Fuel Cap part number (17251-xxxxx) as the primary failed part.

