

**Classification:**
**Reference:**
**Date:**

EC16-035E

ITB17-042E

February 7, 2022

## DTC P0456 CAUSED BY EVAP LEAK AT VENT CONTROL VALVE O-RING

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

|                          |                                  |                              |
|--------------------------|----------------------------------|------------------------------|
| <b>APPLIED VEHICLES:</b> | 2011-2012 G25 Sedan (V36)        | 2014-2019 Q70 (Y51)          |
|                          | 2007-2008 G35 Sedan (V36)        | 2014-2018 Q70 Hybrid (HY51)  |
|                          | 2009-2013 G37 Convertible (HV36) | 2017-2019 QX30 (H15)         |
|                          | 2008-2013 G37 Coupe (CV36)       | 2014-2017 QX50 (J50)         |
|                          | 2009-2013 G37 Sedan (V36)        | 2019-2022 QX50 (J55)         |
|                          | 2006-2010 M45/M35 (Y50)          | 2022 QX55 (FJ55)             |
|                          | 2011-2013 M37/M56 (Y51)          | 2004-2010 QX56 (JA60)        |
|                          | 2015 Q40 (V36)                   | 2011-2013 QX56 (Z62)         |
|                          | 2014-2022 Q50 (V37)              | 2014-2020 QX60 (L50)         |
|                          | 2014-2018 Q50 Hybrid (HV37)      | 2022 QX60 (L51)              |
|                          | 2014-2015 Q60 Convertible (HV36) | 2014-2017 QX60 Hybrid (L50H) |
|                          | 2014-2015 Q60 Coupe (CV36)       | 2014-2022 QX80 (Z62)         |
|                          | 2017-2022 Q60 Coupe (CV37)       |                              |

### IF YOU CONFIRM

The MIL is ON with DTC P0456 (EVAP VERY SML LEAK),

#### AND

- DTC P0456 is not caused by a loose fuel fill cap (refer to ITB13-044).
- An EVAP leak has been detected where the vent control valve mounts to the canister.
- The vent control valve O-ring seal is determined to be the cause.

### ACTION

1. Replace the vent control valve as an assembly.
  - Refer to the applicable Electronic Service Manual (ESM) for the replacement procedure.

**NOTE:** The vent control valve O-ring seal (O-ring) is no longer available as a service part.

**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 PROCEDURE in the ESM 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 retailer to determine if this applies to your vehicle.

## AMENDMENT HISTORY

| PUBLISHED DATE     | REFERENCE  | DESCRIPTION  |
|--------------------|------------|--|
| July 21, 2017      | ITB17-042  | Original bulletin published  |
| November 16, 2018  | ITB17-042A | <b>APPLIED VEHICLES</b> and <b>CLAIMS INFORMATION</b> updated  |
| January 29, 2019   | ITB17-042B | <b>APPLIED VEHICLES</b> updated  |
| September 14, 2020 | ITB17-042C | <b>APPLIED VEHICLES</b> updated  |
| March 1, 2021      | ITB17-042D | <b>APPLIED VEHICLES</b> updated, <b>ACTION</b> revised, and <b>SERVICE PROCEDURE, PARTS INFORMATION,</b> and <b>CLAIMS INFORMATION</b> removed |
| February 7, 2022   | ITB17-042E | <b>APPLIED VEHICLES</b> revised  |

