

MAS003119 (MSC 22-25)

Campaign 512

FROM: Maserati TSO

TO: Maserati Network



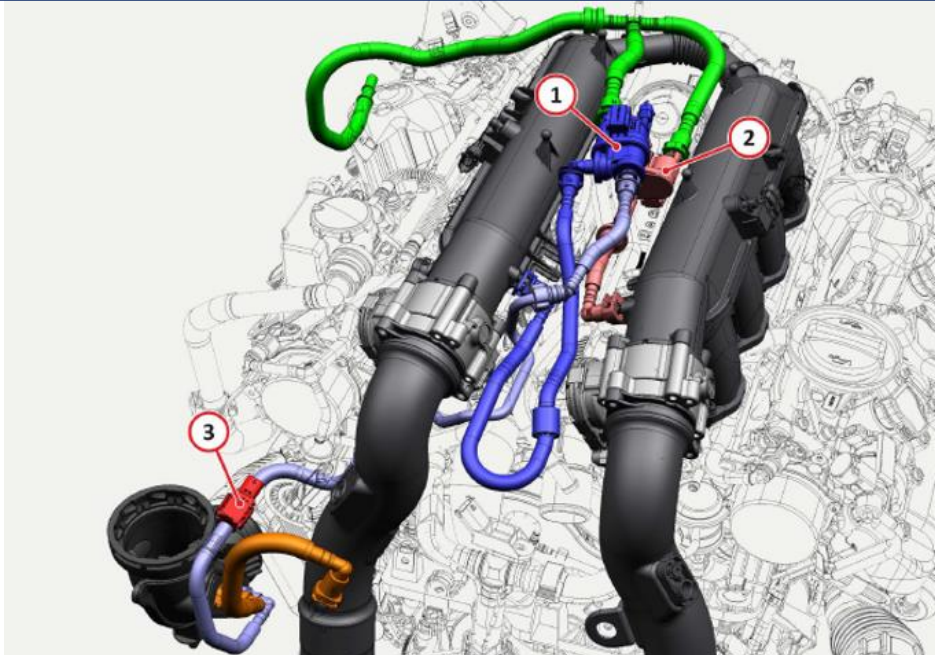
Maserati

PERSONAL SERVICE LAB

MASTERS OF CARE

Service Campaign 512

M15X-M161 V8 MY21-MY22 Evaporator Sensor and Purge Valve Connections Check



DATE: July 1 2022

Certain Maserati Quattroporte (M156), Ghibli (M157), and Levante's listed in MODISCS+ are involved in a Service Campaign concerning both a potential loose connection of the Evaporator sensor (Fuel vapour pressure sensor) and a potential cross-connection between the 3-way and the 2-way purge valve.

This Campaign is considered an extension of Campaign #482.

We ask you to carry out this visual check before delivering the vehicle to the final customer, or during the first entry into the workshop, to prevent the appearance of any anomaly related to the above-mentioned connections.


Always check in ModisCS+ to see if the vehicle is involved in this campaign and if the campaign has not been previously performed.

Please read and review this bulletin first before starting the procedure.

If you have any questions, contact your Regional AfterSales Manager (RAM) or the Technical Support Helpdesk. (Maseratitechsupport@maserati.com)

Thank You for your continued support and cooperation.

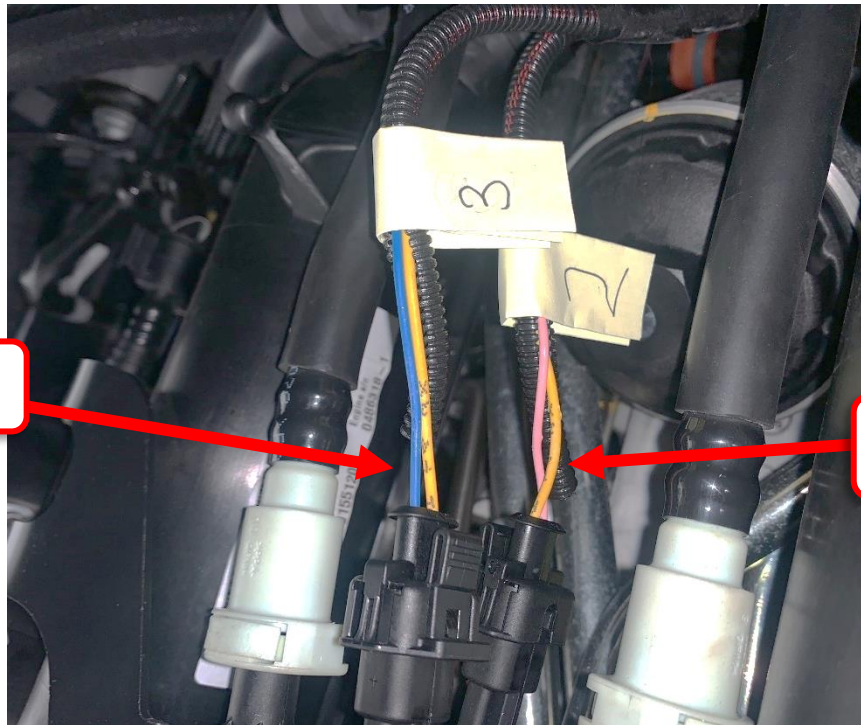
Operating Procedure

 All images shown in this bulletin are for illustrative purposes only

Introduction

Both 3-way and 2-way purge valve connectors are physically identical. Due to this manufacturing design, there may be potential for cross-connection between both purge valves. If DTCs are set for either purge valve, the first step is to inspect whether or not they are cross-connected.

1. Remove the engine cover to visually inspect the two Purge Valve connectors for cross-connection by identifying the wire colors to both purge valves. See Pic 1 and Pic 2 below for the correct connection.

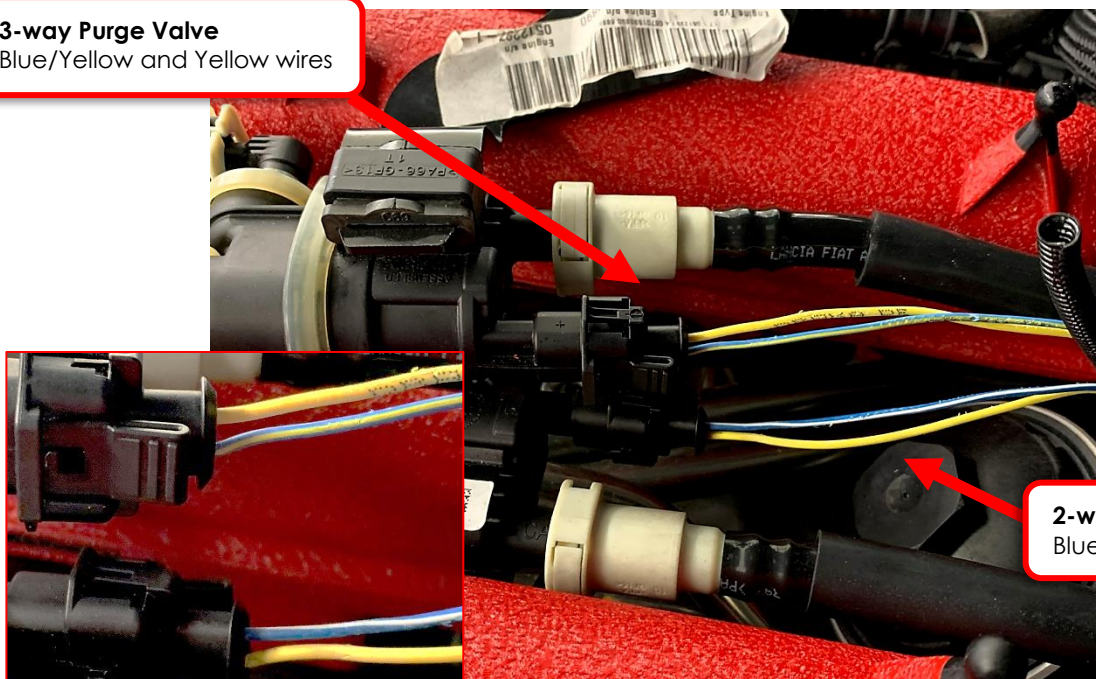


3-way Purge Valve
Blue and Yellow wires

2-way Purge Valve
Pink and Orange wires

Picture 1: MY21 Levante GTS

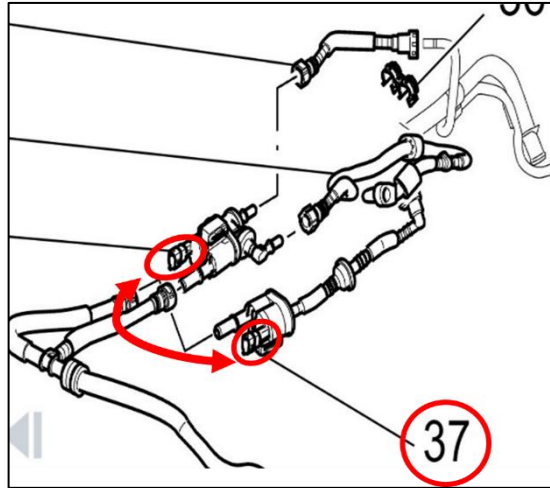
3-way Purge Valve
Blue/Yellow and Yellow wires



2-way Purge Valve
Blue/White and Yellow wires

Picture 2: MY22 Quattroporte Trofeo

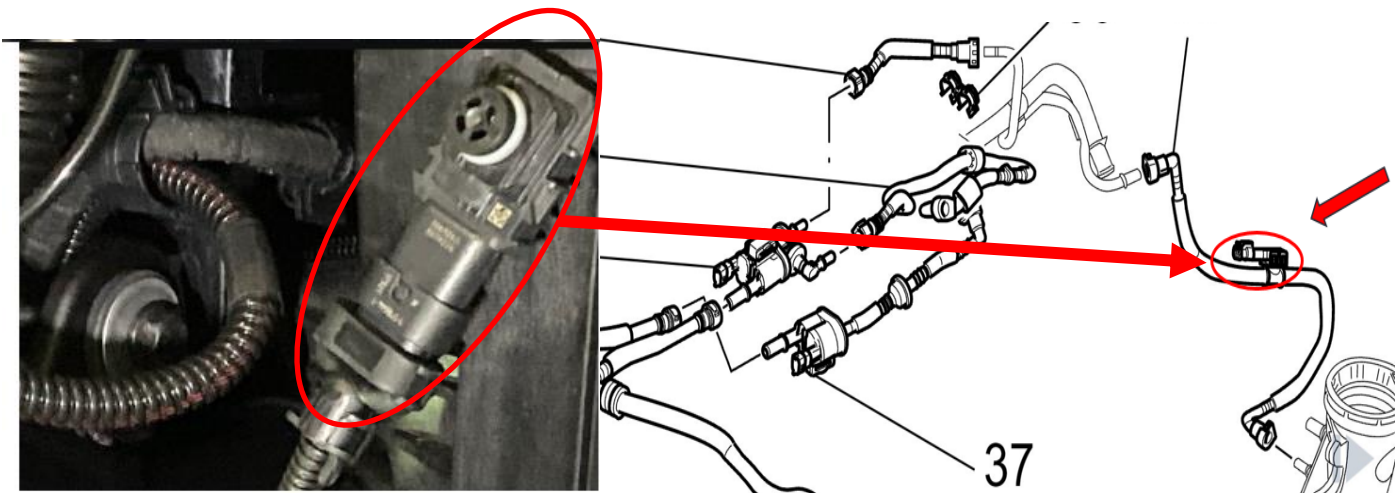
- IF DTCs are stored and connectors connected to the purge valves do not match **Pictures 1 or 2** then they are cross-connected. Please correct and reconnect the connectors to the proper purge valves.



- Clear any DTCs that may have been stored. If any DTC relates to the purge valve's return. Please refer to **MAS002832** for Purge Valve electrical connections Troubleshooting.

Evaporator Sensor (Fuel Vapour Pressure Sensor Inspection)

- Inspect the Fuel Vapour Pressure Sensor for loose connection. If found loose, visually inspect the pins. If pins are OK then reconnect the connector to the sensor.



- Erase any previously-stored DTC before releasing the vehicle. In case of permanent DTCs, open a BOL as "SUPPORT REQUEST" and attach pictures, vehicle scan, and await further instructions.

Warranty Claim

Complete the warranty claim as follows:

Description	Code
Campaign Number	512
Warranty Code	23
Fault Code	063
Component Code	1.44.133
Operation Code	1.44.133.A (0.60h)