



20-23-01TT - EVAP Canister DTCs P0442, P0456

Release date: 01/26/2023

Condition

ATTENTION:

**THIS IS A TECH TIP, NOT A TECHNICAL BULLETIN AS TITLED.
TECH TIPS ARE NOT ASSOCIATED WITH WARRANTY CLAIMING.**

Applicable Vehicles

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Atlas, Atlas Cross Sport	2022 - 2023	All	All	All	All

Revision Table

Instance Number	Published Date	Version Number	Reason For Update
2069238/1	01/26/ 2023	20-23-01TT	Original publication.

Customer states MIL-ON, with either fault P0442 and/or P0456 stored in Engine/Motor Control Module -J623-memory.

Technical Background

Some Model Year 2022 and 2023 Atlas vehicles built with EVAP canisters from supplier Leehan have been identified having EVAP leaks due to manufacturing defects.

Service



Note:

Standard Guided Fault Finding process must still be followed for any EVAP leak diagnosis!

When performing a leak test for EVAP leak faults during Guided Fault Finding, pay close attention to the following areas; EVAP leaks have been commonly found on the EVAP canister assembly, including (**but not limited to**) the areas shown in the example pictures below (Figures 1, 2, and 3).

Soapy water may be used to assist in finding these leaks when the system is pressurized.



Figure 1. EVAP leak along the upper seam, by the fresh air filter securing bracket.



Figure 2. EVAP leak along the right-hand seam, near a connecting hose.



Figure 3. EVAP leak under a clip securing a connecting hose.

Additional Information

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