



Technical Tip

Topic	20-17-01TT - EVAP Test Plan and Test Value Descriptions
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Volkswagen
Date	September 15, 2017

Condition

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

EVAP Test Plan and Test Value Descriptions

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Atlas	2018	3.6L (CDVC)	All	All	All

Technical Background

When performing the test plan for an EVAP related fault, the completed test plan may display a numeric value with no definition of the test results. This information may also be seen in ECM Measured Value Block (MVB) 71/1.

Service

Use the table information in figure 1 to determine the definition related to a pass / fail condition, based on the numeric value given at the end of the test plan, or in ECM MVB 71/1 after running the related test plan.

ECM MVB 71/1	Description
0	Diagnosis active
1	First reference measurement
2	.04" leak detection phase
3	.02" leak detection phase
4	Second reference measurement
5	Function is not active
6	Diagnosis complete
10	Diagnosis can't be started
11	Ubatt outside range
12	Fluctuation of reference current too big (moisture in module)
13	Electric fault present
14	Max diagnosis time reached
15	No leak test because of open TEV
20	Diagnosis aborted
23	Battery fluctuations too large
24	Ignition on
30	System Ok
31	Function finished, 0.02inch leak detected
32	Function finished, 0.04inch leak detected
33	Function finished, module fault detected
34	Function finished, no 0.04inch leak detected
255	Power fail

Figure 1

Test Plan Search

There is a test plan available that can be used to manually perform an EVAP system test. Select “Check Tank Ventilation” under Repair Group 20 - Fuel Supply System (Figures 2 & 3).

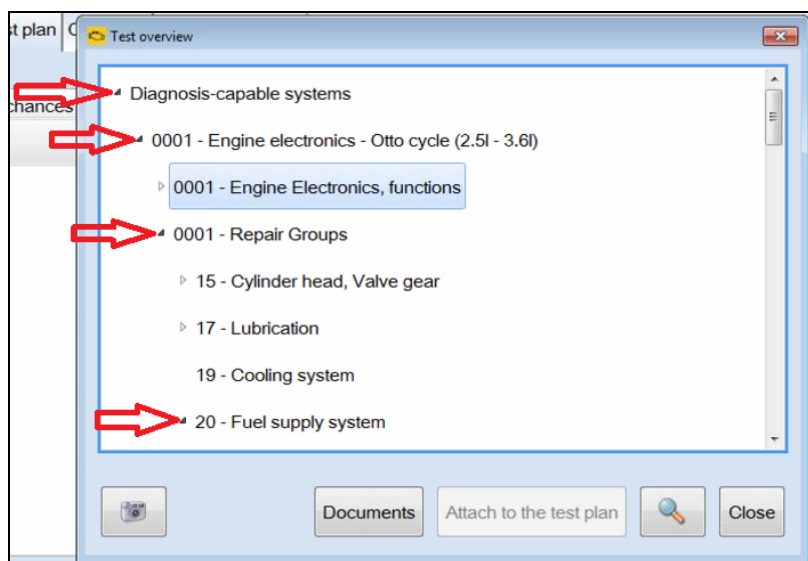


Figure 2

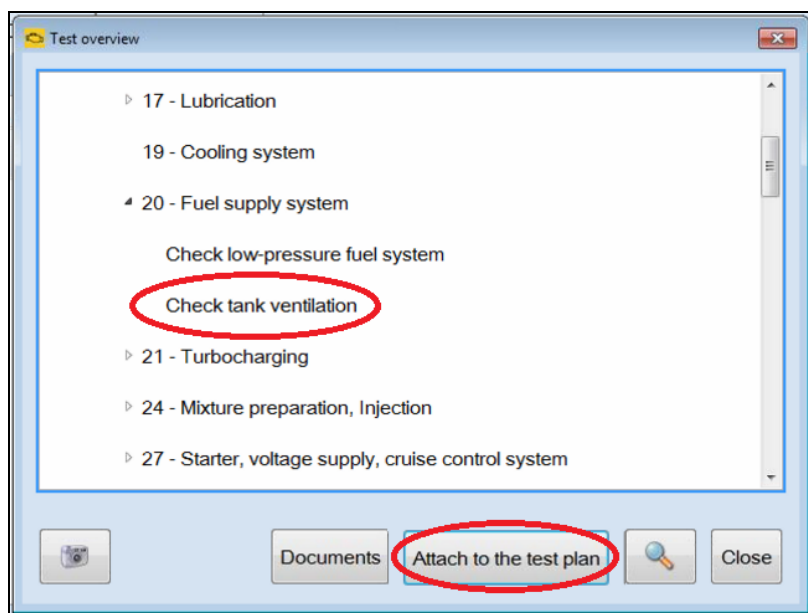


Figure 3



Additional Information

Revision History		
Revision Number	Released Date	Reason For Update
2048925/1	9/15/17	Original publication.

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