



Technical Tip

Topic	01-14-01TT – DTCs P0171, P119A Lean Fuel Trim Readings
Market area	United States 444 Volkswagen of America, Inc. (6444)
Brand	Volkswagen
Date	May 26, 2017

Condition

ATTENTION:

THIS IS A TECH TIP, NOT A TECHNICAL BULLETIN.

TECH TIPS ARE NOT ASSOCIATED WITH WARRANTY CLAIMING.

DTCs P0171, P119A Lean Fuel Trim Readings

Model(s)	Year	Eng. Code	Trans. Code	VIN Range From	VIN Range To
Tiguan, Passat, CC, Jetta, Sportwagen, GTI, Eos	2008-2017	2.0L (CCTA, CBFA)	All	All	All

Technical Background

Lean running conditions with DTCs P0171 and or P119A stored in ECM Fault memory .

Service

Remove the engine oil dip stick. Install a vacuum gauge on the dipstick tube and check crankcase vacuum at idle. Compare the crankcase vacuum to a known good vehicle. If the crankcase vacuum reading is lower than the comparison vehicle, visually inspect for oil leaks between the engine and the transmission. If no external leaks are identified, smoke test the crankcase by connecting the EVAP smoke machine to the dipstick tube and inspect for leaks at the rear main seal (sealing flange). This will limit pressure to 2 PSI. **DO NOT** apply shop air to the dipstick tube or the crankcase. If a rear main seal leak is identified, replace the seal. Once replaced, recheck the crankcase vacuum at idle. If low when compared to the comparison vehicle, check for additional oil leaks and verify crankcase breather operation (repairing as necessary). Erase the faults and road test 10 miles to recheck operation.

Additional Information

Revision History		
Revision Number	Released Date	Reason For Update
2036285/3	May 26, 2017	Updated to model year applicability.
2036285/1	January 24, 2014	Original publication.

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