

EVAP System

Integrated in the lines of the evaporative emissions (EVAP) systems are the EVAP Canister Purge Regulator Valve N80 and two non-return valves.

The engine control module, assisted by EVAP Canister Purge Regulator Valve N80, regulates the return rate of the fuel vapors from the EVAP canister.

The Motronic ME 7.1 system operates the purge valve cyclically using a pulse duty cycle.

The non-return valves control the return of fuel vapors, depending on operating state.

Vacuum in intake manifold

Non-return valve 1 open. Fuel vapors return to intake manifold.

Charge pressure in intake manifold

Non-return valve 2 open. Fuel vapors return upstream of exhaust gas turbocharger.



For the exact line routing, please refer to the workshop manual.

