

DTC	FAULT DESCRIPTION	MONITORING CONDITIONS	OBD II	CK	ENG	OTHER	DEFAULT ACTION	POSSIBLE CAUSES
P0441	EVAP system incorrect purge flow	Engine at normal operating temperature; vehicle stationary; brakes applied; gear "D"; idle > 10 minutes (from engine start); fuel tank > 1/4 full	Y	2		N	When CK ENG MIL is activated (DTC flagged; second trip), ECM: – Inhibits adaptive fuel metering – Inhibits canister purge	EVAPP to ECM drive circuit open circuit, short circuit, high resistance EVAPP power supply circuit open circuit EVAPP to engine purge pipe damaged / blocked / leaking EVAPP operating vacuum hose leak / blockage EVAPP failure
P0444	EVAPP valve circuit open circuit	Engine at normal operating temperature; vehicle stationary; brakes applied; gear "D"; idle > 10 seconds	Y	2		N	Refer to P0441 Default Action	EVAPP to ECM drive circuit open circuit or high resistance EVAPP failure
P0445	EVAPP valve circuit short circuit	Engine at normal operating temperature; vehicle stationary; brakes applied; gear "D"; idle > 10 seconds	Y	2		N	Refer to P0441 Default Action	EVAPP to ECM drive circuit short circuit to ground EVAPP failure
P0460	Fuel level sense signal performance	Drive > 30 miles (48 km)	Y	2		N	None	Fuel level sensor to instrument pack circuits intermittent short or open circuit, high resistance Fuel level sensor failure Instrument pack fault (incorrect fuel level data)
P0506	Idle rpm lower than expected	Engine at normal operating temperature; transmission at normal operating temperature; gear "N"; idle > 1 minute 40 seconds (no electrical load, A/C compressor, radiator fans, brake pedal switching during period)	Y	2		N	None	Air intake blockage Accessory drive overload (defective / seized component) Throttle valve stuck closed Throttle assembly failure
P0507	Idle rpm higher than expected	Engine at normal operating temperature; transmission at normal operating temperature; gear "N"; idle > 1 minute 40 seconds (no electrical load, A/C compressor, radiator fans, brake pedal switching during period)	Y	2		N	None	Intake air leak between MAFS and throttle Intake air leak between throttle and engine Engine breather leak Cruise control vacuum failure Throttle valve stuck open Throttle assembly failure