

INFORMATION : FAULT CODE P0093 (ENGINE MANAGEMENT ECU)

DV6C TURBO DIESEL

Engine ECU CONTINENTAL SID 807 branch 2	
Fault code	P0093
After sales description of the fault code	Fuel system : Incoherence on the fuel pressure with the flow regulator jammed open
Description of the diagnostics	Après apparition du défaut d'écart de boucle positif dans la rampe haute pression carburant, défaut confirmé pendant 30 s engendrant un arrêt moteur
	Fault confirmation time : 30 seconds
Conditions of activation of the diagnostics	The following conditions have to be met - The engine coolant temperature is higher than 70 °C - Engine speed between 1750 and 4500 rpm - Injected flow too great
Conditions of disappearance of the fault	Driving for 5 minutes with several full load accelerations for 10 seconds
Down-grade modes if fault present	Cutting of fuel injector 1
	Cutting of fuel injector 2
	Cutting of fuel injector 3
	Cutting of fuel injector 4
	Closing of the fuel flow regulation valve
Switching on of the warning light and/or warning message	Warning lamp MIL
	Warning lamp STOP
Main customer complaints likely	Jerking/stalling
	Lack of power
	Starting problem
	Slightly higher fuel consumption
	Fluid leak/smells (diesel fuel, oil, etc.)
	Cutting of the vehicle speed limiter
	Cutting of cruise control
	Engine acceleration at wrong time
	Smoke from the exhaust
	Engine overheating with illumination of the engine coolant temperature indicator light
	Noise
	Absence of automatic stopping of the internal combustion engine (Si le véhicule est équipé du système Stop and Start)
Suspect areas	Poor quality of the fuel or type of fuel
	Air leak on the fuel filter
	Clogging of the fuel filter
	Fuite sur le circuit de carburant Low pressure

	Blockage on the low pressure fuel return circuit
	Fuel high pressure flow regulator
	high pressure fuel pump
	Common injection rail pressure sensor
	Leak on the high pressure fuel pipes
	Leak on the fuel injection rail
	Mechanical pressure limiter jammed
	Fuel injectors
	Electrical harnesses
	Connectors

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