INFORMATION : FAULT CODE P1457 (ENGINE ECU)

DV6C TURBO DIESEL

Engine ECU CONTINENTAL SID 807 branch 2	
Fault code	P1457
After sales description of the fault code	Particle filter : Detected absent
Description of the diagnostics	Possibility 1 For a flow volume of 250000 l/h passing through the particle emission filter, the differential pressure is lower than 7 mbar for 5 seconds
	Possibility 2 For a flow volume of 350000 l/h passing through the particle emission filter, the differential pressure is lower than 17 mbar for 5 seconds
	Possibility 3 For a flow volume of 450000 l/h passing through the particle emission filter, the differential pressure is lower than 30 mbar for 5 seconds
Conditions of activation of the diagnostics	The following conditions have to be met - Flow volume traversing the particle filter greater than 160000 l/h - Engine speed above 1850 rpm - Moteur tournant sans régénération du filtre à particules depuis 5 minutes
Conditions of disappearance of the fault	Driving for 5 minutes with several full load accelerations for 10 seconds
Down-grade modes if fault present	-
Switching on of the warning light and/or warning message	Warning lamp MIL
Main customer complaints likely	Smoke from the exhaust
	Absence of automatic stopping of the internal combustion engine (Vehicle equipped with "stop and start")
Suspect areas	Particle filter
	Particle filter differential pressure sensor
	Exhaust gas pressure take-off pipes
	Particle filter upstream temperature sensor
	Air temperature sensor at the air flowmeter
	Electrical harnesses
	Connectors

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