

INFORMATION : FAULT CODE P0102 (ENGINE ECU)

MOUNTING BOSCH AND DIESEL TURBO DV6TED4 90HP FAP OR SIEMENS ASSEMBLY AND DIESEL TURBO DW10BTED4 OR MOUNTING BOSCH AND DV6ATED4 TURBO DIESEL OR MOUNTING BOSCH AND DIESEL TURBO DV6TED4 WITHOUT FAP OR MOUNTING DELPHI AND DW10BTED4 TURBO DIESEL WITHOUT FAP OR SIEMENS ASSEMBLY AND DW10BTED4 TURBO DIESEL WITHOUT FAP OR MOUNTING DELPHI AND DIESEL TURBO DW10BTED4 OR MOUNTING BOSCH AND DIESEL TURBO DV6TED4 FAP

MOUNTING DELPHI AND DW10BTED4 TURBO DIESEL WITHOUT FAP OR MOUNTING DELPHI AND DIESEL TURBO DW10BTED4

Engine ECU DELPHI DCM3.4	
Fault code	P0102
After sales description of the fault code	Flowmeter signal : Measured flow less than the minimum flow
Description of the diagnostics	The ECU detects a drift of the air flow signal : The period of the signal for air flow measured exceeds the maximum threshold of 65535 μ s corresponding to the minimum threshold for air flow.
	The fault appears at the end of 300 ms
Conditions of activation of the diagnostics	Consult the associated contexts for the Pcode forwarding conditions
Conditions of disappearance of the fault	When the ignition is switched on
Down-grade modes if fault present	Deactivation speed limiter until the next time the ignition is switched on
	Deactivation cruise control until the next time the ignition is switched on
	Deactivation of the forced regeneration of the particle emission filter
	The ECU cuts the regulation of the EGR valve
Switching on of the warning light and/or warning message	Warning lamp MIL
Main customer complaints likely	Smoke from the exhaust
Suspect areas	Air flow meter
	Electrical harness
	Engine ECU

MOUNTING BOSCH AND DV6ATED4 TURBO DIESEL OR MOUNTING BOSCH AND DIESEL TURBO DV6TED4 FAP OR MOUNTING BOSCH AND DIESEL TURBO DV6TED4 WITHOUT FAP OR MOUNTING BOSCH AND DIESEL TURBO DV6TED4 90HP FAP

Engine ECU BOSCH EDC16C34	
Fault code	P0102
After sales description of the fault code	Flowmeter signal : Measured flow less than the minimum flow
Description of the diagnostics	The ECU detects a drift of the air flow signal : The period of the air flow signal measured is below the minimum threshold of 50 μ s corresponding to a zero air flow
	The fault appears after 1.2 seconds
Conditions of activation of the diagnostics	Consult the associated contexts for the Pcode forwarding conditions
Conditions of disappearance of the fault	Driving for 5 minutes
Down-grade modes if fault present	The ECU uses a replacement value for the air flow
	Deactivation of the coherence faults of the flowmeter
	The ECU cuts the regulation of the EGR valve
	The ECU cuts the regulation of the EGR valve
	The ECU cuts the regulation of the by-pass meter
Switching on of the warning light and/or warning message	Warning lamp MIL
Main customer complaints likely	Smoke from the exhaust
Suspect areas	Air flow meter
	Electrical harness
	Engine ECU
	Air lock between flowmeter and compressor

SIEMENS ASSEMBLY AND DW10BTED4 TURBO DIESEL WITHOUT FAP OR SIEMENS ASSEMBLY AND DIESEL TURBO DW10BTED4

Engine ECU SIEMENS SID803	
Fault code	P0102
After sales description of the fault code	Flowmeter signal : Measured flow less than the minimum flow
Description of the diagnostics	The signal issued from the sensor is outside the electrical tolerance (Frequency too high)
Conditions of activation of the diagnostics	Battery voltage more than 7,45 V
Conditions of disappearance of the fault	Switching on of the ignition
Down-grade modes if fault present	The engine ECU no longer regulates the EGR valve
Switching on of the warning light and/or warning message	Warning lamp MIL
Main customer complaints likely	Lack of power
Suspect areas	Air flow meter
	Electrical harness