

INFORMATION : FAULT CODE P0113 (ENGINE ECU)

MOUNTING BOSCH AND DIESEL TURBO DV6TED4 90HP FAP OR MOUNTING BOSCH AND DIESEL TURBO DV6TED4 WITHOUT FAP OR MOUNTING DELPHI AND DIESEL TURBO DW10BTED4 OR SIEMENS ASSEMBLY AND DIESEL TURBO DW10BTED4 OR MOUNTING BOSCH AND EP6 INJECTION OR MOUNTING BOSCH AND EP6DTS INJECTION OR MOUNTING BOSCH AND DIESEL TURBO DV6TED4 FAP OR MOUNTING BOSCH AND EP6DT INJECTION OR MOUNTING DELPHI AND DW10BTED4 TURBO DIESEL WITHOUT FAP OR MOUNTING BOSCH AND DV6ATED4 TURBO DIESEL OR SIEMENS ASSEMBLY AND DW10BTED4 TURBO DIESEL WITHOUT FAP

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	P0113
After sales description of the fault code	Intake air temperature signal (Air flow meter) : Open circuit or short circuit to the plus
Description of the diagnostics	The voltage of the inlet air temperature sensor signal is higher than 4.75V for more than 500 milliseconds
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	Deactivation of the coherence faults of the flowmeter
	Deactivation of the airflow faults above the minimum threshold
	Change to "easy move" torque invalid (Automatic handbrake)
Switching on of the warning light and/or warning message	Warning lamp MIL
Main customer complaints likely	Engine hesitating, cutting out
	Lack of power
Suspect areas	Air temperature sensor on the flowmeter
	Electrical harness
	Connections
	Engine management ECU

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

Engine ECU DELPHI DCM3.4	
Fault code	P0113
After sales description of the fault code	Intake air temperature signal (Air flow meter) : Open circuit or short circuit to the plus
Description of the diagnostics	The voltage of the inlet air temperature sensor signal is higher than the maximum threshold for more than 5 seconds
Conditions of activation of the diagnostics	Consult the associated contexts for the Pcode forwarding conditions
Conditions of disappearance of the fault	Ignition on
Down-grade modes if fault present	Deactivation of the coherence faults of the flowmeter
Switching on of the warning light and/or warning message	Warning lamp MIL
Main customer complaints likely	Engine hesitating, cutting out
	Lack of power
Suspect areas	Air temperature sensor on the flowmeter
	Electrical harness
	Connections
	Engine ECU

MOUNTING BOSCH AND EP6 INJECTION

Engine ECU BOSCH MEV17.4	
Fault code	P0113
After sales description of the fault code	Inlet air temperature sensor signal fault : Open circuit or short circuit to the plus
Description of the diagnostics	Detection of a short circuit to positive or of an open circuit on the inlet air temperature sensor. The inlet air temperature remains higher than or equal to 90 °C for at least 0.20 s
Conditions of activation of the diagnostics	The following conditions have to be met - Engine management ECU in main triggering phase - Débit d'air compris entre 40 kg/h et 200 kg/h et vitesse véhicule supérieure à 80 km/h et moteur tournant
Conditions of disappearance of the fault	The following conditions have to be met - The inlet air temperature should remain lower than or equal to 90 °C - La différence de température d'air d'admission atteinte sur les cycles de roulage est supérieure à 1,5 °C
Down-grade modes if fault present	Reduction in the ignition advance for knock protection
Switching on of the warning light and/or warning message	Warning lamp MIL
Main customer complaints likely	-
Suspect areas	Inlet air temperature sensor

MOUNTING BOSCH AND EP6DT INJECTION OR MOUNTING BOSCH AND EP6DTS INJECTION

Engine ECU BOSCH MED17.4	
Fault code	P0113
After sales description of the fault code	Inlet air temperature sensor signal fault : Open circuit or short circuit to the plus
Description of the diagnostics	Detection of a short circuit to positive or of an open circuit on the inlet air temperature sensor La température d'air admission reste inférieure à -39,8 °C (For at least 0,5s)
Conditions of activation of the diagnostics	Engine management ECU in main triggering phase
Conditions of disappearance of the fault	Temperature between -39,8°C and 132.8°C (For more than 0,5 s)
Down-grade modes if fault present	Mixture regulation in limp home Knock protection angle High pressure starts deactivated
Switching on of the warning light and/or warning message	Warning lamp MIL
Main customer complaints likely	None
Suspect areas	Inlet air temperature sensor

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

Engine ECU SIEMENS SID803	
Fault code	P0113
After sales description of the fault code	Inlet air temperature sensor signal fault : Open circuit or short circuit to the plus
Description of the diagnostics	The voltage of the signal for air temperature at the flowmeter is higher than 4, 8 V for 5 s
Conditions of activation of the diagnostics	Consult the associated contexts for the Pcode forwarding conditions
Conditions of disappearance of the fault	Ignition on
Down-grade modes if fault present	Cutting of the diagnosis of plausibility of the flowmeter
Switching on of the warning light and/or warning message	Warning lamp MIL
Main customer complaints likely	Engine hesitating, cutting out Lack of power
Suspect areas	Air temperature sensor on the flowmeter Electrical harness Connections Engine ECU