

INFORMATION : FAULT CODE P0235 (ENGINE ECU)

MOUNTING BOSCH AND EP6CDT INJECTION AND FIRM 5 DOOR SALOON OR MOUNTING BOSCH AND EP6CDT INJECTION AND M1-N1 MIXED BODY TYPES OR MOUNTING BOSCH AND EP6CDT INJECTION AND 5 DOOR SALOON

MOUNTING BOSCH AND EP6CDT INJECTION AND 5 DOOR SALOON OR MOUNTING BOSCH AND EP6CDT INJECTION AND M1-N1 MIXED BODY TYPES OR MOUNTING BOSCH AND EP6CDT INJECTION AND FIRM 5 DOOR SALOON

Engine ECU BOSCH MED17.4.2	
Fault code	P0235
After sales description of the fault code	Turbocharging pressure sensor signal : Plausibility
Description of the diagnostics	The turbo pressure sensor is giving a value that is not plausible (Turbo pressure at idle higher than the atmospheric pressure)
Conditions of activation of the diagnostics	The following conditions have to be met - Engine management ECU in main triggering phase - Engine speed below 900 rpm - Butterfly angle less than 8 % for more than 3 seconds
Conditions of disappearance of the fault	The inlet pressure is less than 5000 hPa but greater than 0 hPa for longer than 2 s
	Régime moteur inférieur à 900 tr/min et angle papillon inférieur à 8 %
	The following conditions have to be met - The inlet pressure measured minus the pressure delta 100 hPa is less than the atmospheric pressure plus its maximum tolerances 50 hPa - The inlet pressure measured plus the pressure delta 100 hPa is greater than the atmospheric pressure without its maximum tolerances 150 hPa
Down-grade modes if fault present	Deactivation of the programming between the turbo pressure and the inlet pressure
	The turbo pressure takes on as an emergency value the atmospheric pressure, reduced by 600 mbars if the engine is running (otherwise fixed at 0 mbar)
	Deactivation of the turbocharger regulation (Turbocharger regulation electrovalve forced wide open ; Dump valve forced shut)
	Reduction of load applied to revert to the behaviour of a naturally-aspirated engine (The maximum load is limited by the mapping : 110 % to 2000 rpm ; 40 % to 6500 rpm)
Switching on of the warning light and/or warning message	Warning lamp MIL
Main customer complaints likely	Lack of power
	Flat spot on acceleration
	Emission outside the norm
Suspect areas	Turbocharging pressure sensor
	Electrical harness