

AIR PRESSURE - TEMPERATURE SENSOR

The air pressure/temperature sensor is located on the intake manifold and detects the level of turbocharged air pressure taken into the intake manifold.

This value, combined with the air temperature sensor reading, allows the electronic control unit to determine the precise amount of air taken into the cylinders. The unit can then govern the injectors to modulate fuel delivery, limit harmful emissions and improve fuel consumption and performance.

The sensor contains an electronic circuit that corrects temperature to optimise pressure detection as a function of intake air temperature. The sensor is fitted to the version without EGR.

