

The exhaust gas flows via the turbine (9) to the EAS-3 (10). When EGR is needed, the EGR valve (6) opens to divide exhaust gas at this point; one part of the exhaust gas flows via the turbine (9) to the EAS-3 (10). The remaining part of the exhaust gas flows via the EGR valve (6) to the EGR cooler (7), where it is cooled. The cooled exhaust gas then flows to the venturi (8) and from the venturi to the intake air manifold (4), where it is mixed with the intake air.

Intake air

The intake air flows through the air filter (1) to the compressor (2). The intake air then flows via the compressor (2) to the intercooler (3), where it is cooled. The cooled intake air is then mixed with the exhaust gas in the intake manifold (4).

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