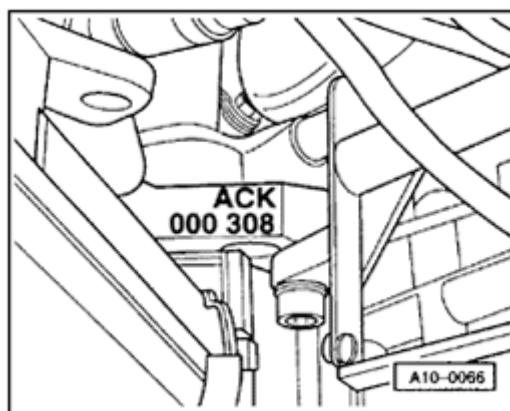


Technical data

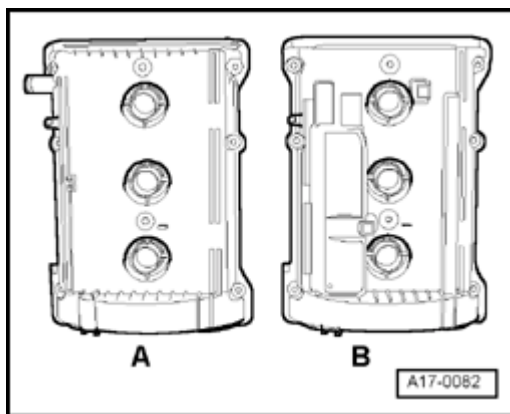
Engine identification



- A The engine code and serial number are located on the flat surface of the cylinder block in front of the right cylinder head.

The engine code is also listed on the vehicle data label.

Identifying engine with modified oil pump (engine code AHA)



- A In vehicles with VINs up to 8D-V-205 000 the oil pump is mounted on the front of the engine and driven directly by the crankshaft. These engines can be identified by cylinder head cover -A-.

In vehicles with VINs from 8D-V-205 001 on, the oil pump is driven via a chain by the crankshaft and mounted inside the oil pan. In addition, oil supply lines are mounted on the camshaft bearing caps. These engines can be identified by cylinder head cover -B-.

Engine specifications

| Engine code | | AHA | ATQ |
|--|---------------------------|----------------|-------------|
| Manufactured | | 02/97 ➤ | |
| Displacement | liters (cm ³) | 2771 | 2771 |
| Output | kw @ RPM | 142/6000 | 142/6000 |
| | HP @ RPM | 190/6000 | 193/6000 |
| Torque | Nm @ RPM | 280/3200 | 280/3200 |
| | Ft lb @ RPM | 207/3200 | 207/3200 |
| Bore diameter | mm (in.) | 82.5 (3.25) | 82.5 (3.25) |
| Stroke | mm (in.) | 86.4 (3.40) | 86.4 (3.40) |
| Compression ratio | | 10.6:1 | 9.9:1 |
| RON | minimum | 98 unleaded 1) | |
| Fuel injection and ignition system | | Bosch Motronic | |
| Knock sensor control | | Yes | Yes |
| On Board Diagnostic (OBD) | | Yes | Yes |
| Oxygen sensor control | | Yes | Yes |
| 1) In emergencies, fuel with a RON of 95 may be used. Engine performance will be diminished. | | | |

| Engine code | AHA | ATQ |
|---|------------|------------|
| Exhaust Gas Recirculation (EGR) | No | No |
| Three Way Catalytic (TWC) converter | Yes | Yes |
| Turbocharger | No | No |
| Secondary air injection | Yes | Yes |
| Valve timing: at 1 mm valve lift and 0 mm valve lash 2) | | |
| Intake valve opens after TDC | 12° | 12° |
| Intake valve closes after BDC | 42° | 42° |
| Exhaust valve opens before BDC | 38° | 38° |
| Exhaust valve closes before BDC | 8° | 8° |
| 2) Camshaft adjustment not active. | | |