

01-420 Pressure-testing cylinder head

Preceding work:

Cylinder head removed (01-415).

Camshaft removed (05-220).

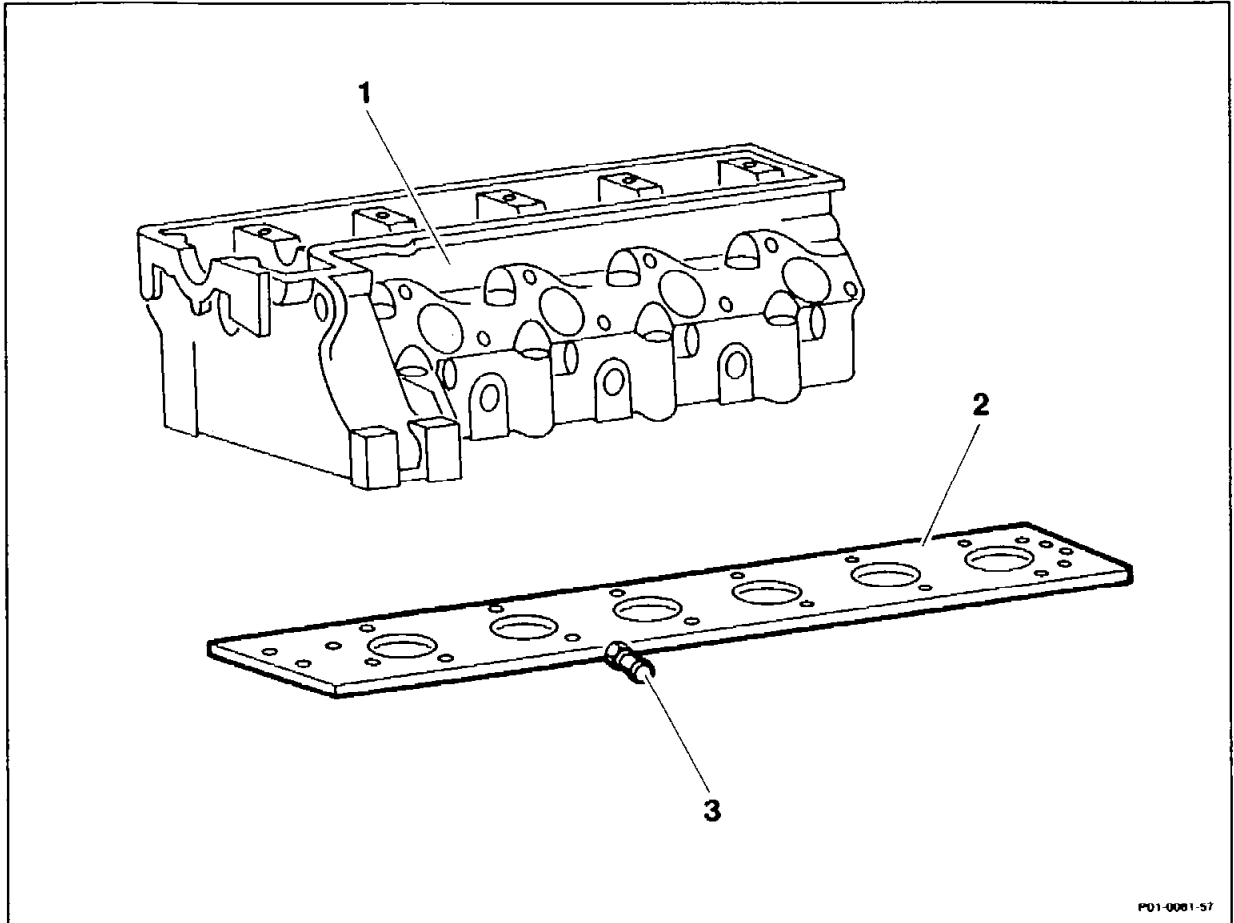
Valves removed.

Valve shaft seals removed (05-270).

Cooling water return fitting removed.

Operation no. of the operation texts and work units

or standard texts and flat rates 01-7152



Cylinder head (1)	clean.
Pressure plate (2)	screw onto cylinder head with rubber sealing plate 601 589 00 25 00, screw off.
Connection for cooling water return fitting and heater feed line	on cylinder head, plug tightly.
Compressed air	connect to fitting (3) on pressure plate and allow compressed air to flow into cylinder head at pressure of 2 bars.
Cylinder head (1) with pressure plate (2)	fasten to suspension device 115 589 34 63 00 and immerse in water preheated to approx. 80°C.

Cylinder head (1) check for air bubbles exiting.

Note

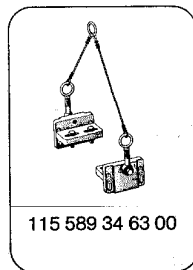
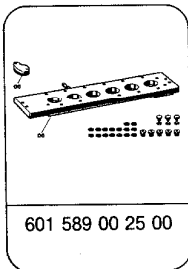
Air bubbles indicate a leaky point, locate exit point for air bubbles more precisely if applicable.

Data

Test pressure with air under water

2 bar

Special tools



Commercially available tools and testers

Designation	e.g. Make	Order no.
Electrically heated water basin	Firma Otto Dürr, 74343 Sachsenheim-Ochsenbach	