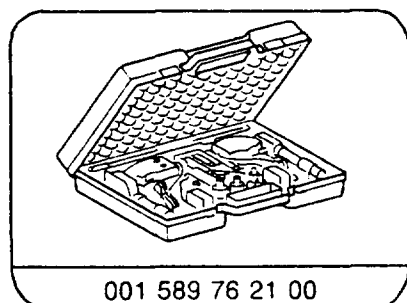


01-0100 Testing compression pressure

Operation no. of operation texts and work units or standard texts
and flat rates
01-1200

Test data for engine at normal operating temperature		Gauge pressure in bar
Minimum compression pressure at	normal compression	approx. 12
	low compression	approx. 7.5
Permissible difference between individual cylinders		max. 1.5

Special tool



- 1 Warm engine up to operating temperature.

Note

Test compression pressure only when engine at normal operating temperature.

- 2 Remove spark plugs (15-1031).

Testing

- 3 Crank engine with starter (01-0110).

Note

Crank engine several times in Neutral position and with parking brake applied in order to expel residues and soot.



4 Insert diagram sheet into the compression pressure recorder.

5 Press ceiling cone of the compression pressure recorder into the spark plug hole of cylinder 1.

6 Open throttle valve fully.

7 Rotate crankshaft about 8 revolutions with starter (01-0110).

8 Test all the cylinders in this way.

Note

If the minimum compression pressure is not reached, test cylinders for leaks (01-0150).

9 Clean spark plug recesses by blowing out with compressed air. Remove residues on the tapered ceiling seat.

10 Install spark plugs (15-1031).

