

Cylinder Head Height, Check (Z22 SE, Z20 LET)

Special service tools required:

Caliper gauge

Caution

Before checking, carefully remove gasket residues from cylinder head sealing surface. Sharp-edged metal tools must not be used for cleaning. Ensure that cylinder head sealing surface is not damaged.

Measure height of cylinder head from cover-side sealing surface to block-side sealing surface.

The dimensions and tolerances can be found in the "Technical Data" in the relevant Service Instructions. If the measured values determined do not correspond to the specified values, the cylinder head must be replaced.

Note: Plane-grinding not is permitted for multiple valve cylinder heads (12V, 16V, 24V) and 25 DT, X 25 DT, Y 25 DT. These cylinder heads must not be plane-ground under any circumstances.

Caution

Resurfacing is only permitted for OHC I and OHC II engines.

Note that resurfacing the cylinder head is permitted only within the specified dimensional tolerances. In addition, indentation of the valves and if necessary of the swirl chambers must be checked after plane-grinding. After plane grinding also check whether cylinder head gaskets of differing thickness are installed. The dimensions and tolerances can be found in the "Technical Data" in the relevant Service Instructions.