

Installation Height of Valves, Check (Z 22 SE, Z 20 LET)

Special service tools required:

Caliper Gauges, **KM-419** (OHC I), **KM-512** (OHC II), Measuring Bridge **KM-301**, Dial Gauge **MKM-571-B**

Preconditions:

Cylinder head sealing surface and valve heads are cleaned.



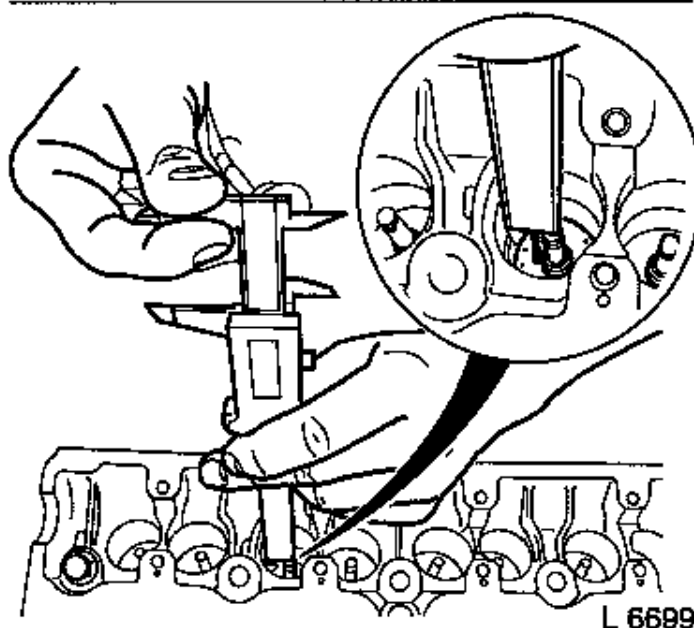
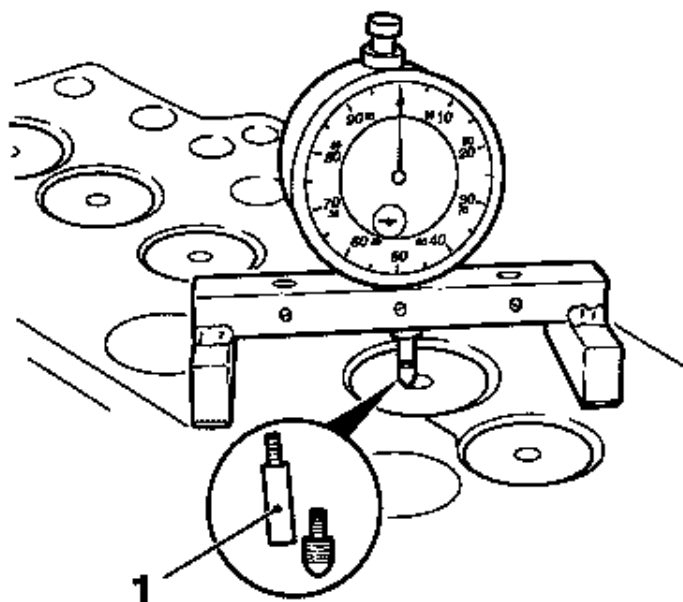
Measure

The installation height of the valves can be checked from both the underside and from the upper side of the cylinder head.



Assemble

If the valve indentation cannot be determined, the extension provided (1) should be inserted between dial gauge shaft and probe.



L 6699

Measurement from Underside of Cylinder Head (Valve Indentation)



Measure

Valve indentation (I) can be determined using Measuring Bridge **KM-301** and Dial Gauge **MKM-571-B**.



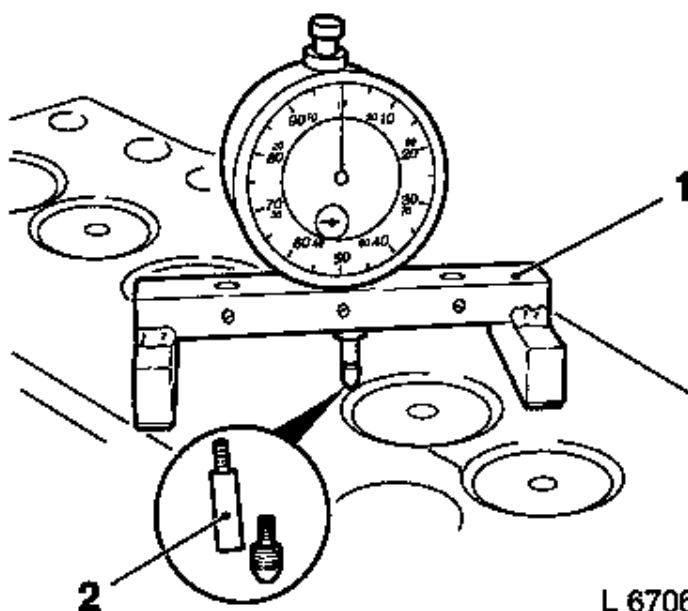
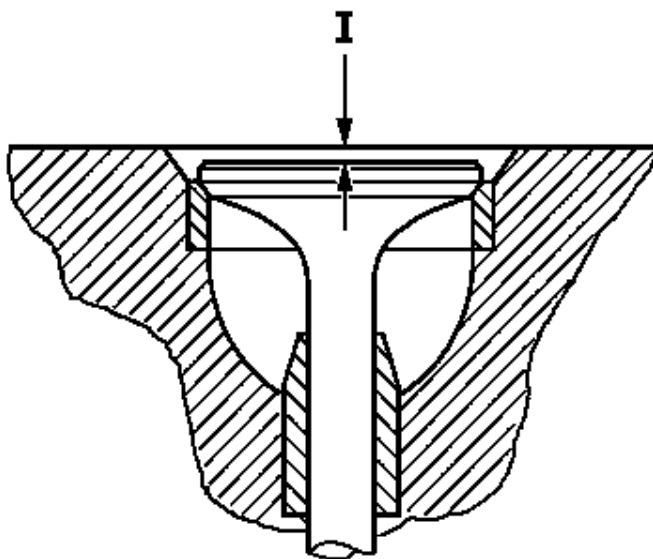
Clean

Position Measuring Bridge **KM-301** (1) on cleaned sealing surface, insert Dial Gauge **MKM-571-B** under pretension, fasten and adjust dial to Zero.



Assemble

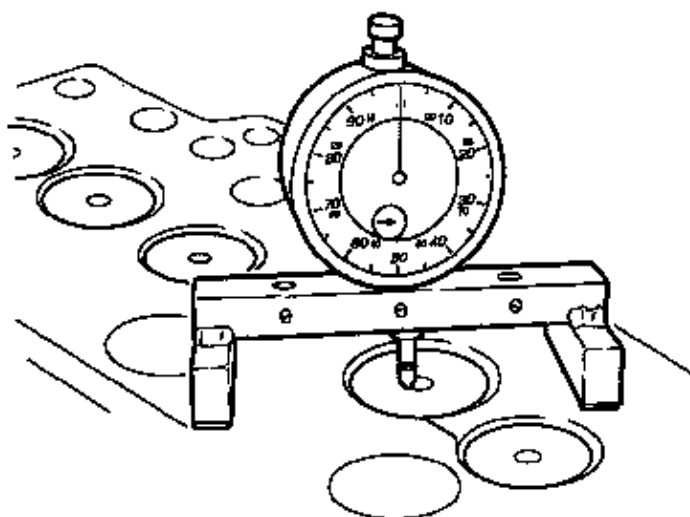
If the valve indentation cannot be determined, the extension provided (2) should be inserted between dial gauge shaft and probe.



Inspect

Position Dial Gauge **MKM-571-B** with Measuring Bridge **KM-301** at valve head and measure indentation of valve.

The specified valve indentation and the dimensions can be found in the "Technical Data".

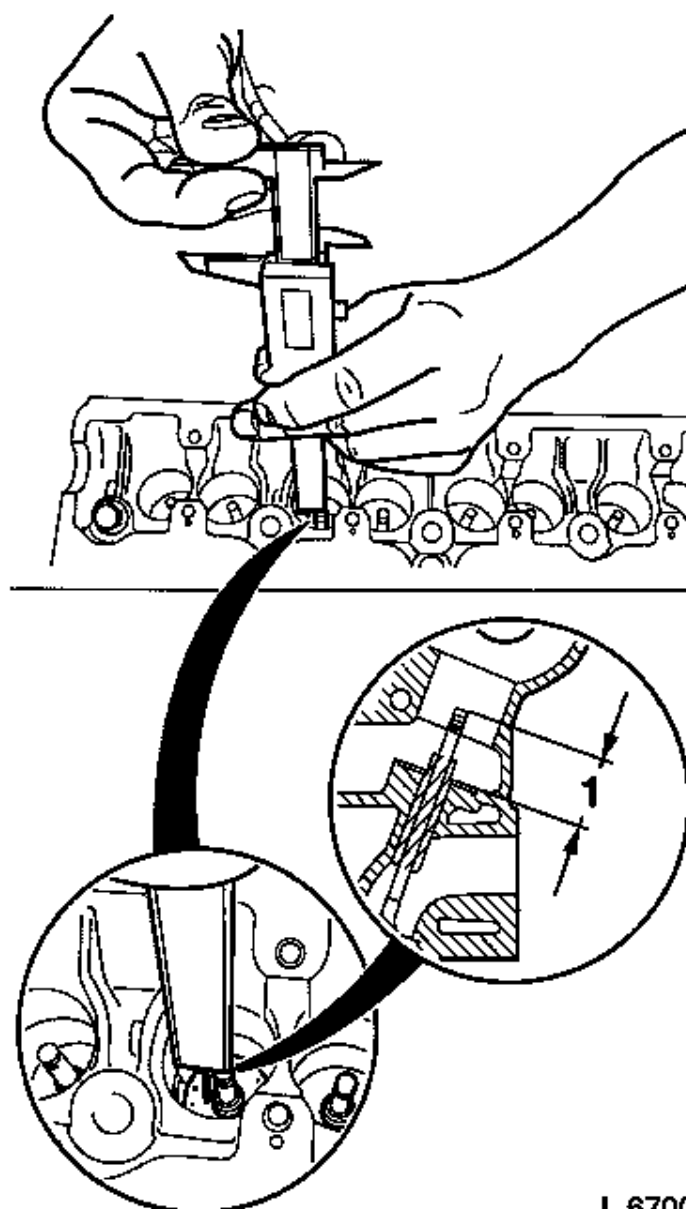


L 6707

**Inspect**

The installation height (1) of the valves should be measured from the upper side of the cylinder head using the depth gauge of a caliper gauge. The measurement is taken from the valve shaft end to the cylinder head.

The specified valve projection and the dimensions can be found in the "Technical Data".



L 6700

**Inspect**

Measurements are made using Distance Gauge **KM-512**.

**Install**

If dimension (l) is exceeded, insert new valve and check valve stem projection again. If the valve stem projection is too great despite replacement of the valve, the cylinder head must be replaced.

The specified valve projection and the

dimensions can be found in the "Technical Data".

