



# SERVICE INFORMATION

Techn. Customer Service  
VKT 20 Fm/wi/sa

R 69 S Motorcycles  
Group: Engine

München, July '68  
Nr. 1/68 (269) eng.

Re: Cylinder Head

Dear Sirs,

Following our policy of continuous technical development we are introducing a new cylinder head on the R 69 S model from frame number 664 597, onwards. This head endows the following improvements:

1. The bolt sleeves opposite the spark plug bore are now also on the top fixed by a press fit. Undesired vibrations of the rocker arms are avoided this way and still more exact valve timing data are obtained.
2. The spark plug thread is now directly cut into the cylinder head material; at the same time we introduce long-thread spark plugs.
3. From the enlargement of the cooling fin surface results a better dissipation of heat. Instead of the oil return bore, pressed-in oil return tubelets have been adopted.
4. The cylinder heads are annealed with no tension prior to the mechanic machining.

The ordering number did not undergo any modification.

Part number	Cylinder head:
Right hand	11 12 0 021 031
Left hand	11 12 0 021 032

The new cylinder heads are externally marked with the letters L K (long spark plugs) raised above the spark plug bore.

A cylinder head with a short spark plug thread can be combined with a cylinder head featuring a long spark plug thread.

On the new cylinder type absolutely use spark plugs with long thread, on the old cylinder head execution still employ short spark plugs.

Part number for spark plugs:

For breaking-in	<u>hitherto</u> 07 11 9 976 330 (W 240 T 1)	<u>new</u> 12 12 8 003 570 (W 240 T 2)
After breaking-in period	07 11 9 976 335 (W 260 T 1)	12 12 8 003 572 (W 260 T 2)

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ppa.

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