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Bulletin Date: 06/10/99 Bulletin #2886		Main Group: 11 Engine		For USA Only		



# BMW Motorcycles

## Service Bulletin

### Subject: K 1100, K 1200 Leak from timing case cover

**Problem:** Oil leak from the timing case cover at the seam between the crankcase and the cylinder head.

**Cause:** Cylinder heads with increased close-tolerance hole play (approximately 5/100 mm) were produced and mounted correspondingly aligned in order to avoid a step on the crankcase / cylinder head during series production.

This may allow the cylinder head to drift within the play range of the close tolerance holes during the initial vehicle operation period. The hardened sealing compound in the transition area between the crankcase and cylinder head detaches from the smooth sealing surface, allowing oil to escape.

**Action:** On occurrence of the above specified problems, the close tolerance holes were changed back over to their old diameter and stepped fitted sleeves were fitted in engines not yet assembled.

**Service Measures:** Re-seal leaking engines from the affected number group. (Relative movement of the cylinder head with respect to the crankcase normally ceases after several hours of operation)

If leaks should reoccur, disassemble the cylinder head and fit stepped fitted sleeves.

Parts:	Qty	Description	Part Number
	1	Fitted sleeve with stepped diameter	11 11 7 652 060

Very truly yours,

Frank Stevens  
After Sales Manager  
Motorcycle Group

Pat Raymond  
Service Organization Manager

Please initial and route to the following before filing							
Service	Parts	Sales	Warranty	Tech #1	Tech #2	Tech #3	Tech #4