

# Service-Information Motorcycle



BMW of N.A.  
Service Department

Group: 11

May 1985

For USA and Canada  
Only

Engine

11 031 85  
(2162)

## Connecting Rod Weights -- K and Boxer Models

### General

#### Information:

For any engine with more than one cylinder to run smoothly, it is important for the weights of each connecting rod to differ as little as possible from each other.

BMW connecting rods are divided into seven weight categories when manufactured, differing in weight by 7 - 8 grams. They can be identified by color coding. Only connecting rods in the same weight category should be installed in an engine.

#### Note:

Connecting rods can be ordered by color code. Please use the chart on the back of this Service Information for reference when ordering.

All connecting rod bolts should be tightened as specified in our workshop manual.

For safety, connecting rod bolts should not be re-used.

Very truly yours,

BMW OF NORTH AMERICA, INC.

A handwritten signature in black ink, appearing to read 'Richard Dampf', written over a horizontal line.

Richard Dampf  
National Technical Manager  
Motorcycle Group

RD:ch

Catagory	Color code	Weight	Part number	
K100	1	3 x yellow	478 $\pm$ 4 g	11 24 1 461 610
	2	3 x blue	486	611
	3	1 x yellow	494	612
	4	1 x white	502	613
	5	1 x blue	510	614
	6	2 x yellow	518	615
	7	2 x blue	526	616
R50/5 through R100RT	1	3 x yellow	553 $\pm$ 3 g	11 24 1 338 150
	2	3 x blue	559	151
	3	1 x yellow	565	152
	4	1 x white	571	153
	5	1 x blue	577	154
	6	2 x yellow	583	155
	7	2 x blue	589	156
R65	1	3 x yellow	523 $\pm$ 3 g	11 24 1 338 157
	2	3 x blue	529	158
	3	1 x yellow	535	159
	4	1 x white	541	160
	5	1 x blue	547	161
	6	2 x yellow	553	162
	7	2 x blue	559	163