



SERVICE INFORMATION

Cust.Serv.- Techn.Dept.
VKT Gi/wi-ba

BMW Motorcycles 2-cylind.
Group: Transmission

München, Jan.16,1967
No. 1/67 (242) en.

Re: Transmission output shaft - coupling flange,
drive shaft - splined coupling cup

Dear Sirs,

In order to still increase the firm fit of the tapered connections between the output shaft and the coupling flange of the gearbox, and between drive shaft and the splined coupling cup of the rear wheel drive even with jerking loads, occurring for instance during cross-country competitions, the conicity has been diminished from 1:5 to 1:6.

At the same time the threads of the retaining nuts of both tapered connections have been increased from M 14 to M 16.

This modification concerns the following components:

<u>Transmission</u> Nomenclature	Part No.	
	utilized hitherto	new
Output shaft with bushing and snap ring	10 30 027	10 30 028
Coupling flange on output shaft	10 30 296	10 30 297
Woodruff key	99 51 461	-----
Spring washer	10 30 168	10 30 169
Round nut	10 30 120	10 30 122

The torque limit of the new round nut, Part No. 10 30 122, amounts now to 22 + 2 mkp (159 + 14.5 ft.lbs.)

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rear drive case

30-04-305

30-04-306

Rear wheel drive

Nomenclature	Part No.	
	utilized hitherto	new
Drive shaft with universal joint	30 38 032	30 38 034
Splined coupling cup	30 38 237	30 38 238
Hex.nut	99 21 630	99 21 636
Washer	99 31 681	99 31 686

For replacement purposes the hitherto used parts are to be purchased.

When exchanging one of the modified components of the tapered joints hold in mint that the connection must exclusively consist of either "hitherto used parts" or "new parts". We would like to draw your attention to the fact that the components of the tapered joints must be dry and degreased. *174 feet lbs. Torque*

This modification has become standard equipment effective of the following frame numbers:

Model R 50 from No. 643 190

Model R 60

from No.	to No.	
1810 810	1810 862	Transmission new, rear wheel drive as hitherto
1810 863	1811 495	Transmission and rear wheel drive new
1811 496	1811 523	Transmission as hitherto, rear wheel drive new
1811 524	1811 778	Transmission new, rear wheel drive new
1811 779	1811 785	Transmission as hitherto rear wheel drive new
1811 786	1811 968	Transmission new, rear wheel drive new
1811 969	1811 983	Transmission as hitherto rear wheel drive new
1811 984	and following Nos.	Transmission new, rear wheel drive new

Model R 69S from frame No. 662 145.

Very truly yours,

BAYERISCHE MOTOREN WERKE
Aktiengesellschaft

pps.

i.v.

M. K. W. T. ...