

Service-Information Motorcycle



BMW of N.A.
Service Department

Group: 34
Brakes

June 1985
34 009 85
(2165)

For USA and Canada
Only

Hydraulic Brake Systems

Complaint: Moisture enters brake fluid reservoir, causing darkening of fluid. If regular brake system maintenance (including annual fluid change) is not followed, sludge and corrosion of brake components can occur.

Cause: Normal wear and aging of brake system components, in conjunction with environmental influences can, in some cases, allow moisture to enter the reservoir.

Remedy: As indicated in the Rider's Manual, regardless of the distance the motorcycle has been driven, brake fluid should be replaced annually, or more often, depending on climatic conditions.

During repairs or replacements, use only new parts according to the attached listing.

All old style parts in your inventory should be removed and claimed under Parts Warranty.

Note: Service Information 34 005 84 (2091) discusses brake fluid and the effect of the presence of moisture in the brake system. Please review this information.

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

Att.

Master Cylinder with Piston

<u>Type</u>	<u>Piston Diameter</u>	<u>Part Numbers:</u>		<u>Note</u>
		<u>Old</u>	<u>New</u>	
R65	13 mm	32 72 1 238 385	32 72 2 302 354	round container
	16 mm	32 72 1 238 386	32 72 2 302 355	round container
R80, R100 + R65 1981	13 mm	32 72 1 242 548	32 72 2 302 364	rectangular container
	16 mm	32 72 1 242 549	32 72 2 302 365	
R80, R100 + R65 1982 + up	12 mm	32 72 1 242 872	32 72 2 302 369	rectangular containers
	15 mm	32 72 1 242 873	32 72 2 302 370	
K100	13 mm	32 72 1 451 737	32 72 2 302 376	for all K100 model

Piston with Seals

<u>Type</u>	<u>Piston Diameter</u>	<u>Part Numbers:</u>		<u>Note</u>
		<u>Old</u>	<u>New</u>	
K100				K100 only 13 mm
R65 to 1982	13 mm	32 72 1 238 392	32 72 2 302 356	
R80 - R100 1981 - '82	16 mm	32 72 1 238 393	32 72 2 302 357	
R80 - R100 + R65 from 1982	12 mm	32 72 1 242 874	32 72 2 302 371	
	15 mm	32 72 1 242 875	32 72 2 302 372	

Cover for Container

<u>Type</u>	<u>Part Number</u>		<u>Note</u>
	<u>Old</u>	<u>New</u>	
R80 - R100 + R65	32 72 1 242 545	32 72 1 454 460	Only for rectangular containers
K100	32 72 1 451 743	32 72 2 302 378	

Master Brake Cylinder Complete with Right Brake Lever Mount

<u>Type</u>	<u>Piston Diameter</u>	<u>Part Number</u>		<u>Note</u>
		<u>Old</u>	<u>New</u>	
R65	13 mm	32 72 1 236 482	32 72 2 302 352	round container
R65	16 mm	32 72 1 236 483	32 72 2 302 353	round container
R80 - R100 + R65 1981	13 mm	32 72 1 241 858	32 72 2 302 362	rectangular container
	16 mm	32 72 1 241 859	32 72 2 302 363	
R80 - R100 + R65 1982 + up	12 mm	32 72 1 242 870	32 72 2 302 367	rectangular
	15 mm	32 72 1 242 871	32 72 2 302 368	
K100	13 mm	32 72 1 454 010	32 72 2 302 379	K 100 RS
		32 72 1 451 740	32 72 2 302 375	K100 + K100RT