

BUTLER & SMITH, INC.

EAST

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8-78-14 NS

August 1, 1978

Dear Dealer:

Emissions Motorcycles

All BMW motorcycles manufactured on or after January 1, 1978 must comply with Federal Exhaust Emission standards for motorcycles. The following vehicle identification numbers indicate the start of BMW motorcycles which must meet 1978 emissions standards:

R80/7	V.I.N.	6 124 485
R100/7	V.I.N.	6 147 411
R100S	V.I.N.	6 163 343
R100RS	V.I.N.	6 183 239

Emissions Service Procedures

Exhaust emissions standards can only be maintained by proper adherence to service procedures as detailed in the following publications, copies of which are enclosed.

1. Repair Manual Change Sheets

Enclosed are eight blue sheets which contain all changes in specifications and service procedures relating to emissions controlled BMW motorcycles. These sheets must be inserted in your Repair Manual (Part No. 01 51 9 599 041) for R60/7 through R100RS. The original sheets of the manual should be retained as the specifications listed on these sheets still apply to BMW motorcycles manufactured before January 1, 1978.

2. Service Bulletin 11 005 78 (1040R) "Maintenance of the Exhaust Emission Control System"

This service bulletin should be studied by all shop personnel involved in servicing BMW motorcycles and then filed in your Service Bulletin Binder for future reference.

Emissions Tester

Part of the service procedures leading to correct emission standards involves the setting of the CO (Carbon Monoxide) emissions level at idle. This test requires the use of an emissions tester capable of determining the percent (%) of carbon monoxide present in the exhaust gases. At the present time only CO has to be

checked, but a dual instrument, measuring both CO (Carbon Monoxide) and HC (Hydrocarbons) is a requirement in the next few years. In addition to setting proper emissions levels, these instruments can be very useful to the mechanic in determining ignition irregularities, oil consumption, blowby, and leaking valves as well as insuring more accurate carburetion adjustment.

Enclosed are brochures from two manufacturers of emissions testing equipment that we can recommend. If you wish to purchase one, contact the manufacturer as follows:

Marquette
Applied Power, Inc.
St. Paul, Minnesota
(612) 484-8501

Beckman Instruments, Inc.
Process Instruments Division
2500 Harbor View Boulevard
Fullerton, California 92634
(714) 871-4848

Beckman Instruments, Inc. is offering a 15 percent discount to all Butler & Smith, Inc. franchised BMW dealers until December 31, 1978.

BMW Limited Emission Control Systems Warranty

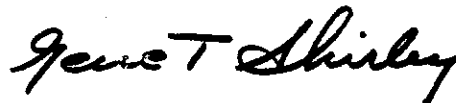
All emission related devices on "Emissions Motorcycles" are covered under a separate limited warranty statement for a period of five (5) years or 30,000 (18,641 miles) kilometers, whichever occurs first. A copy of this limited warranty is enclosed for reference.

Service Schools

Effective immediately Butler & Smith, Inc. Service Schools in Norwood, New Jersey and Compton, California will incorporate information on Emissions Controls. This new program will detail specification changes, service procedures, and the uses of emissions testers in engine performance analysis, trouble shooting, and routine servicing.

Very truly yours,

BUTLER & SMITH, INC.



Gene T. Shirley
Service Manager

/sa