

Service-Information Motorcycle



BMW of N.A.
Service Department

Group: 34

July 1986

Brakes

34 010 86
(2220)

For USA Only

Brakes Squeal -- All Models

Information: This Service Information bulletin is being written to provide all authorized BMW motorcycle dealers with accurate information concerning brake squeal.

The design of the BMW brake system utilizes friction materials developed for performance under a wide range of operating conditions (hot and cold temperatures, etc.).

The chemical structure of every brake pad or shoe changes with age and temperature. Due to these and other influences, the brake pad or shoe, is designed to provide performance braking throughout the life of the brake components.

The brake pads or shoes used by BMW are designed to maintain high chemical stability under extreme temperatures. Deceleration from lower speeds, as in city type riding, causes the brakes to be not as hot as when braking from high speeds. When a motorcycle is used primarily in city traffic, the pads become harder, which may then cause squealing. This will not impair the operation or performance of the braking system.

There are currently brake pads and shoes available through sources other than BMW. These brake components could compromise deceleration behavior, reliability, wear, and comfort.

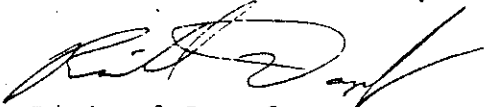
It is a BMW philosophy to design brake systems which do not make shortcuts on safety and performance.

Brake squealing therefore might occur under certain conditions. At this time we are investigating other means of minimizing the condition.

We will issue a Service Information bulletin shortly concerning R80 and K75 rear drum brake squeal.

Very truly yours,

BMW OF NORTH AMERICA, INC.


Richard Dampf
National Technical Manager
Motorcycle Group

RD:ch/02-047