

Service Bulletin

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BMW Motorcycles

Subject: Revised Information - Permissible Speedo Advance, All Models.

Revision: With the general availability of Global Positioning Systems (GPS) as well as other electronic navigational aids for motorcycle applications, the presence of speedometer advance in BMW motorcycles may once again be questioned. Whether the GPS is purchased through BMW Motorcycles or through an aftermarket source, the presence of speedometer advance in BMW speedometers and the reason for the advance, remain. Please emphasize the "Important Note" detailed below with your customers,

Important Note: **The original equipment speedometer, as supplied with your BMW motorcycle, is the only instrument to be used in judging the motorcycle speed relative to all legal and posted speed limits.**

Details: Speedometer advance is necessary to compensate for the negative tolerances in tire sizes between tire manufacturers, electric speedometer indication, and other factors. This advance reduces the risk of the speedometer displaying a speed that is less than the vehicle's actual speed. The maximum amount of speedometer advance is 10% of the vehicle's actual speed plus 2.4 mph.

Example: Actual speed=55 mph

$$55 \times 10\% = 5.5\text{mph}; 5.5 \text{ mph} + 2.4 \text{ mph} = 7.9 \text{ mph.}$$

Permissible displayed speed is from 55 to 62.5 mph.

Important Note: **The displayed speed must never be less than the actual speed. No repairs or replacement should be attempted if the speedometer advance is within 10% plus 2.4 mph.**

The presence of a speedometer advance in no way affects the mileage limitations of the 3 yr/36,000 mile Limited Warranty, or the frequency of the service intervals as recommended by BMW Motorcycles. These limitations and intervals are gauged solely by the mileage indicated on the motorcycle's odometer.



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