

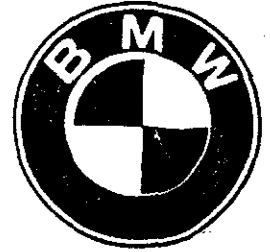
# SERVICE

SERVICE BULLETIN 10-78-18 NS

**BUTLER & SMITH, INC.**

NORWOOD, NEW JERSEY 07648

COMPTON, CALIFORNIA 90224



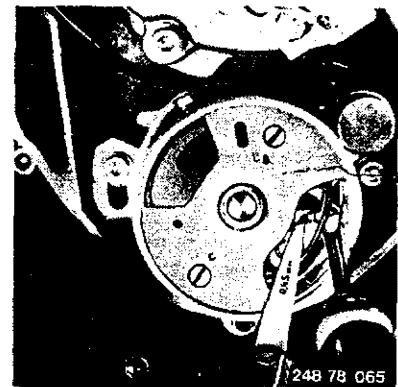
## 1979 Ignition System

### Group 12 - Engine Electric

Dear BMW Dealer:

Due to certain technical improvements on our latest models, the following alterations have to be considered when servicing BMW motorcycles:

Check dwell angle ( $120^{\circ} \pm 3\%$ ) every 7500 km (5000 miles): disconnect the battery, remove the 3 Allen screws (5mm) and take off the generator cover. Remove contact breaker housing cover by loosening slotted head screw. Unscrew the spark plugs and turn the engine clockwise, looking from the front, by means of the Allen screw (6mm) holding the alternator rotor. Continue turning until the breaker arm lifts off fully. To replace burnt breaker points, dismount front bearing shield of breaker points camshaft. Before measuring dwell angle, mount it again. If no dwell angle meter is available, measure breaker points gap with a feeler gauge ( $0.45\text{mm} \pm 0.05\text{mm}$ ). To adjust the breaker points gap, loosen the set screw slightly, insert a screwdriver blade into the slot on the breaker plate and turn the screwdriver slightly until a gap of  $0.45\text{mm} \pm 0.05\text{mm}$ .



( $0.018 \text{ in} \pm 0.002 \text{ in}$ ) is obtained. Tighten the set screw and check that the gap has not altered. Fig. 1. Apply a small quantity of high temperature point cam grease on the point rubbing block every 15000 km (10000 miles), and check that the block is resting correctly on the cam.