

# HINTS AND TIPS ON

# SERVICE

For **BSA** Dealers

from **BSA** Incorporated, 639 Passaic Avenue, Nutley, N. J.

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1966 SPITFIRE MARK II SPECIAL  
GRAND PRIX RACING CARBURETORS

The Racing Type G.P. Carburetors were specified for the Mark II Model to assure the Highest Engine Performance possible and when carefully adjusted and tuned for Local conditions the engine will idle reasonably well- will accelerate smoothly up thru the range and will reach r.p.m. and maximum speed quickly.

The attached Booklet "The Amal GP 2 Carburetor as fitted to your BSA Spitfire Mark II Special" gives a complete description of the Racing Carburetors and outlines and illustrates the procedure for calibrating and tuning them. You must read and study the contents of this Booklet carefully to familiarize yourself with the G.P. Racing Carburetor.

Tests and tuning experiments conducted in this country indicate that it is necessary to re-calibrate the carburetors to provide ideal engine performance.

The parts listed below will be required:

| <u>QUANTITY</u> | <u>PART NO.</u> | <u>DESCRIPTION</u>  | <u>LIST PRICE</u> |
|-----------------|-----------------|---------------------|-------------------|
| 2               | 316/007         | Jet Needles         | \$2.10 ea.        |
| 2               | 316/065         | Needle Jets #107    | 1.38 ea.          |
| 2               | 316/052         | Air Jets #125       | .90 ea.           |
| 2               | 376/100         | Main Jets #260      | .69 ea.           |
| 2               | 316/010         | Throttle Slides #5½ | 6.18 ea.          |

NEEDLE SETTING: Assemble the Needle Clip in the second notch from the top.

IDLE ADJUSTMENT: To obtain a satisfactory idling of this motorcycle - we anticipate that new throttle cables incorporating a positive throttle stop adjuster will soon be available.

Instructions and Important Information are given in the attached Booklet and the Amal GP2 Racing Carburetor Leaflet which has been sent to you in a previous mailing.

The parts shown above can be ordered from our Parts Department in the usual manner.

WB/jw

*Walter Brown*  
WALTER BROWN  
Service Manager