Number: (Twin) 4/73 Subject: Cam Gear

**Timing Marks** 

Models: TR7/T140 Date: 2/28/73

TRIUMPH MOTORCYCLE CORPORATION A subsidiary of The Birmingham Small Arms Company Incorporated, Verona, New Jersey

Duarte, Calif. 91010, P. O. Box 275

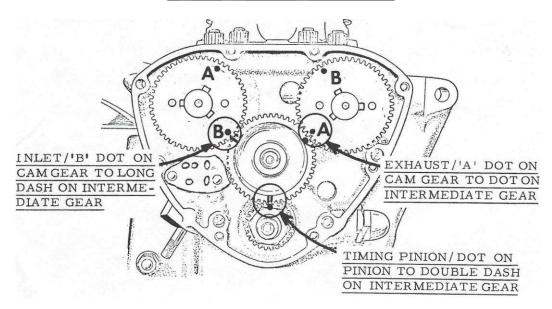
Towson, Baltimore, Md., P. O. Box 6790 21204

1973 TR7 /T140 CAM TIMING: The 1973 750 twins are fitted with cam gears which have new markings. These new gears are marked with the letter "A II for exhaust and "B" for inlet (see below). In addition to the new gears, there are also two different tappets used. The exhaust uses a 1-1/8"-radius tappet #E8801, the inlet, a 3/4"-radius tappet #E3059.

<u>CAM TIMING</u>: Cam timing specifications are now given in lift at Top Dead Center on the exhaust stroke, whereas in the past they were given in degrees for opening and closing. Use of the standard timing marks and adjacent keyway will give an inlet lift of 0. 190" and exhaust lift of 0. 130" at the valve, with ZERO/NIL clearance at Top Dead Center.

<u>VALVE ADJUSTMENT:</u> The proper clearance with engine cold is inlet . 008 and exhaust. 006.

## CAM GEAR TIMING MARKS



## PARTS AND SPECIFICATIONS

Inlet Tappet E3059 Tappet Clearance EX. 006 (Cold) Exhaust Tappet E 8801 Tappet Clearance IN. 008 (Cold) t-C\_a\_m\_G\_e\_a\_r\_E\_X\_&\_I\_N\_-+\_E\_1:..:3:...:6:...:6:'\_\_--IVal ve Lift at To D. C. (Exhaust EX 0. 130"

Stroke) with Zero Clearance



For Triumph & BSA Parts: