



MAY 1972

No. 14/72

# Service sheet

MODEL A75

FIVE SPEED GEARBOX

PRE-SIZED REPLACEMENT BUSHES

B.S.A. Motor Cycles Limited,  
Service Department, Armoury Road,  
Birmingham, B11 2PX.

THIS SERVICE SHEET SUPERSEDES SERVICE SHEET NO. 37/71 DATED OCTOBER 1971.

To simplify assembly, maintain factory recommended tolerance and to obviate replacing mainshaft third gear as an assembly only, a set of "pre-sized" replacement bushes is now available superseding the original bushes as follows -

	<u>Old No.</u>	<u>New No.</u>
Bush - 3rd. Gear Mainshaft		57-4575
Bush - 4th. Gear Layshaft	57-4386	57-4576
Bush - 2nd. Gear Layshaft	57-4390	57-4577
Bush - 1st. Gear Layshaft	57-4393	57-4578

## RE-ASSEMBLY OF LAYSHAFT:

Having fitted new bushes, 4th. gear has to be fitted onto the shaft followed by top gear, which is a press fit.

## IMPORTANT NOTE:

Top gear is pressed onto the layshaft leaving from 0.653" to 0.655" of the ground end of the shaft for location in the gearbox needle roller bearing.

IT IS ESSENTIAL, AFTER PRESSING TOP GEAR ONTO THE SHAFT, TO MAINTAIN A MINIMUM OF 0.007" CLEARANCE BETWEEN THE ADJACENT FACES OF 4TH AND HIGH GEAR.