

B.S.A. CYCLES LTD.

SERVICE SHEET No. 51.

Service, February 1936.

MOTOR CYCLE FOUR-SPEED GEARBOX.

ASSEMBLY OF KICKSTARTER RATCHET MECHANISM.

After mounting the kickstarter ratchet, ratchet pinion, ratchet pinion bush and spring in position, it is essential that the spring retaining nut be screwed on to the mainshaft until it is only just in contact with the ratchet pinion bush. The nut must then be slackened back approximately one eighth of a turn before the locking nut and washer are fitted to ensure that the bush be not locked up endwise.

Failure to allow this almost imperceptible amount of clearance will result in damage to the bush and consequent interference with the engagement of the ratchet and ratchet pinion.