

Oil Recommendations

It is strongly recommended that the following proprietary brands of oil be used for both engine and gearbox:

During Summer Months—Mobiloil D; Castrol Grand Prix; Essolube 50; Triple Shell or Motorine C.

During Winter months—Mobiloil A; Castrol XXL; Essolube 40; Double Shell or Motorine M.

For the Grease Gun

use either Mobilgrease No. 2; Castrol Heavy; Shell Retinax CD; Esso grease or Belmoline D.

For Telescopic Forks

use Mobiloil Arctic; Castrolite; Essolube 20; Single Shell, or Motorine E (correct amount when empty $\frac{1}{4}$ -pint for each leg).

Tappet clearances

Tappet adjustment should be checked periodically—always when engine is cold. Correct clearances are:

Side Valve Models

250c.c.	.004in. inlet	.006in. exhaust
500c.c.	.010in. inlet ...	.012in. exhaust
600c.c.	.010in. inlet	.012in. exhaust

All O.H.V. Models

.003in. inlet003in. exhaust

B.S.A. Cycles Ltd. reserve the right to alter the designs or any constructional details of their manufactures at any time without giving notice.

B.S.A. CYCLES LTD., Birmingham 11.

MCH 23-5-5-10-10 10-10-10



Running Instruction Card

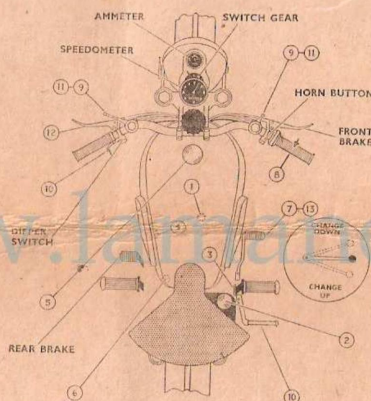
**Single
Cylinder
Models**

(Excepting Model D1 125 c.c. Two Stroke)

Follow these instructions before taking your new **BSA** on the road

1. Remove sparking plug and pour two teaspoonsful of engine oil into cylinder. Replace plug and allow to stand for a few minutes.
2. Fill oil tank to within two inches of top with one of the grades of oil recommended on the back of this card.
3. Remove round cap on front of gearbox (rear on M models) and fill gearbox to level with engine oil. (On C models there is a level plug on side of box which should be removed while filling.)
4. Remove level plug and inspection cap on front chaincase, and fill with engine oil to level. Replace plug and cap. Level plug is behind brake pedal.
5. Fill petrol tank and turn petrol tap on by pushing hexagon knob.
6. Depress carburettor tickler until petrol starts to flood.
7. Check that gear lever is in neutral position.
8. Open twist grip throttle slightly.
9. On B and M models only, close air lever and retard ignition slightly.

NOTE. On C models, before engine can be started, ignition must be switched on with small key in headlamp. There is no air lever, ignition lever or valve lifter.



NOTE. To stop with engine running, close throttle, raise clutch lever and apply brakes. To stop engine, close throttle and raise valve lifter.
(On C models, switch off ignition.)

10. Depress kickstarter pedal until compression is felt, raise exhaust valve lifter, depress kickstarter a little more; drop valve lifter, allow pedal to return to top and give a vigorous kick downwards. Engine should start.

11. After engine has run for a minute or so, open air lever and advance ignition as fully as possible.

12. Sit astride machine and raise clutch lever.

13. Move gear lever upwards with toe to engage first gear. Slowly release clutch lever and at the same time slowly open throttle. Machine will move forward.

To change up to 2nd, 3rd and top gears, raise clutch lever before each change and depress gear lever. To change down, release clutch, slightly increase engine revs., and move gear lever upwards.

Note that on C models there are only three gears.

IT IS IMPORTANT THAT YOU DO NOT EXCEED 30 m.p.h. IN TOP (and correspondingly low speeds in other gears) DURING THE FIRST 500 MILES ON A NEW MODEL, and that NO FULL THROTTLE work is done until the engine is thoroughly run-in. In this way you will get the greatest ultimate satisfaction from your machine.