

HINTS AND TIPS ON SERVICE

For **BSA** Dealers

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

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BE SURE THE OIL PUMP IS FUNCTIONING AND THE OIL IS
CIRCULATING THROUGH THE ENGINE AND RETURNING TO THE OIL TANK

SUBJECT: OIL CIRCULATION ON NEW MOTORCYCLES

When starting a new motorcycle after it is set up and being prepared for delivery and road test you must take the following precautions:

1. Make sure the correct grade and quantity of oil is poured in the oil tank - use #20 oil for the running-in period.
2. It is considered good practice to:
 - (a) Pour at least a pint of oil in the rocker box when checking the tappets on a new motorcycle before delivery. This oil will lubricate the rocker and valve mechanism and run down into the crankcase sump to assure you that there is oil in the engine when it is started for the first time.
 - (b) Force air pressure through the oil tank breather pipe when the engine is kicked over and started the first time - hold the air pressure hose on the breather pipe a few seconds to force oil into the oil pump to prime the pump and blow air bubbles out of the oil feed line.
 - (c) Remove the oil tank filler cap and see if the oil is returning from the engine through the oil return tube in a steady stream.
 - (d) Hold your finger over the oil return tube a few seconds to force an extra supply of oil through the overhead valve rocker oil feed line and into the valve rocker spindles and valve mechanism.
3. Use a top end lubricate in the oil during the running-in period. We recommend Marvel Mystery Oil as directed on the container.

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