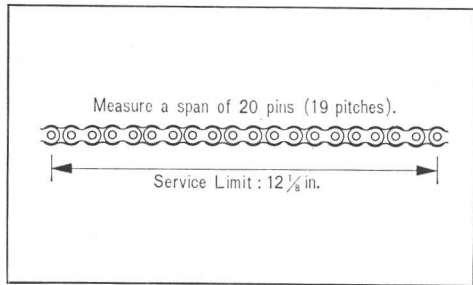


Measuring Drive Chain Wear

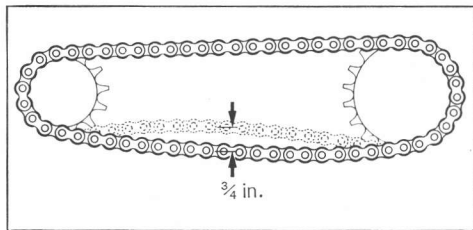
Measure a section of drive chain to determine whether the chain is worn beyond its service limit. Put the transmission in gear, then turn the rear wheel forward until the lower section of the chain is pulled taut, and any stiff joints straightened, measure the distance between a span of 20 pins, from pin center to pin center. In a new CB 750 drive chain, this distance will measure $11\frac{7}{8}$ in. (each pitch = $\frac{5}{8}$ in.). If the distance exceeds $12\frac{1}{8}$ in. the chain is worn out and must be replaced. After the chain is



measured, shift the transmission into neutral again before proceeding with inspection and service.

Measuring Drive Chain Slack

Check drive chain slack at a point midway between the drive sprocket and the rear wheel sprocket. Move the chain up and down with your fingers, and measure the amount of slack. Drive chain slack is adjusted to approximately $\frac{3}{4}$ in.. Slack becomes greater as the chain wears. If chain slack is found to exceed a maximum of $1\frac{1}{2}$ in., the drive chain must be readjusted.



Drive chain slack should remain fairly constant as the wheel is turned. If slack