

# EXTREMELY IMPORTANT!!!

## BREAK-IN Procedures for Puch 175

These procedures apply to all new engines and new top ends. Piston clearance=.0045"

Please read completely! Motor West, Inc., its owners, or employees will not be held liable for any accident, injury, or damage to property, engine, or motorcycle caused by the improper break-in of a new engine or top-end. Failure to follow these procedures voids any guarantee-implied or written by Motor West, Inc.

### Basics notes:

1. For the first 1,300 miles always run your motorcycle on a fuel which is Pre-mixed at a ratio of 1/2 pint of 2-Cycle Oil to EACH gallon of pump fuel. After Break-in (1,300 miles) you may run the engine with a pre-mix ratio of 1/3 pint 2-Cycle Oil to each gallon of pump fuel. This ratio is maintained by using the cup under the fuel tank cap; 3 cups per gallon mixes to the proper ratio for running after break-in of 24: 1. ALWAYS use petroleum-based oils- NO SYNTHETICS!!! Pump fuel of 89 octane is sufficient.
2. For the first 0-600 miles do not carry passengers or climb steep hills.
3. After the first 500 miles, change Gearbox oil and flush with "Motorflush" (available at any auto parts store) before refilling with clean oil. In cold or varied climates, SAE 30 motor oil is suitable for the gearbox/primary of the engine; warmer climates may require the use of 40 or 50 weight oils in the gearbox/primary.

### Speeds and gear ranges during break-in (EXTREMELY IMPORTANT TO FOLLOW)

#### 0-200 miles:

1st gear - 10mph  
2nd gear- 15mph  
3rd gear- 25mph  
4th gear- 30 mph

During this mileage period do not exceed 32mph. Always vary your speed; do not stay at one speed for any length of time. Do not carry passengers or climb steep grades. Be gentle.

#### 200-600 miles:

1st gear-10mph  
2nd gear- 15mph  
3rd gear- 25mph  
4th gear- 35mph

During this mileage period do not exceed 44mph. Do not carry passengers or climb steep grades. Gradually work to running at short bursts at 44 mph; do not run the bike 44 mph at 201 miles; work up to that speed gradually.

Toward the end of this period change and flush gearbox/primary oil.

#### 600-1300 miles:

1st gear- 12mph  
2nd gear- 17mph  
3rd gear- 30mph  
4th gear- 38mph

During this mileage period the real fun begins. Do not immediately push the bike to top speed but begin to make short bursts toward top speed. Toward the end of the period you may ride for SHORT intervals at top speed. Still, vary your speed and don't stick to just one speed. Continue to run the bike on heavy pre-mix to the end of this period. After the 1300 mile mark switch to the standard pre-mix ratio. The key is BE PATIENT" Then enjoy your Puch.