VERY IMPORTANT

TO INSURE LONG ENGINE LIFE
AND
BEST ENGINE PERFORMANCE
ON A NEW OR REBUILT ENGINE
THE FOLLOWING GUIDELINES SHOULD BE FOLLOWED!

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1	Never allow the engine to lug. Anytime you hear RPM's drop or run at slower city riding speeds, drop down a gear or two and allow the engine to spin freely.
2	Do not allow the engine to idle for any excessive length of time. Avoid stop and go traffic situations. **Lack of airflow to the engine causes uneven heating and possible overheating, causing rapid excessive wear.** See note on proper engine warm up below.
3	Always use a good grade of gasoline. Premium only, no alcohol, 91 grade octane or higher.
4.	Avoid subjecting new engine to excessively high engine RPM's. The first 500 miles or so should be on the easy side of normal (around 4,500 max.) 3,000 rpm is best cruise speed. 3,500 rpm for Dressers or trailer towing. No trailer towing on new engines. This excludes engines that have been broke in on the dyno.
5	Have the engine professionally serviced, checked and tuned between 500 and 1,000 miles.
6	For all Pre-Evolution engines. Occasionally check head bolt and cylinder base nut torque.
OIL RECOMMENDATIONS	
1	Use only a good grade of motorcycle oil. No car oils!
2	Normal use 30° F to 95°F 20w50
3	Extreme Summer 60° F to 110° F SAE50
4	After break-in synthetic oil may be used. Lucas and Redline both offer a very good product and are highly recommended.
5	Change engine oil frequently. Do not exceed 2,500 miles between changes. Synthetic oil offers slightly extended drain intervals.

PROPER ENGINE WARM UP IS AS FOLLOWS….

1. Do not use choke or enrichner any longer than absolutely necessary. Shut completely off as soon as possible**.** Keep engine spinning freely using throttle.
2. Try not to allow engine to run longer than one minute without air flow.
3. Ride bike slowly keeping engine spinning freely until thoroughly warmed up. Usually 3 to 5 miles or so.