

Black Mamba Lifter Break-in Procedure

1. These lifters have a special break-in lube between the axle and the roller wheel. "DO NOT WASH IN SOLVENT". Wipe the lifters off with a clean lint free rag and install them into the engine. It is okay to coat them with the engine oil you plan to use.
2. Do not restrict oil flow to the lifter bores.
3. Some racing engines use very high open valve spring pressure (over 800 LBS). In these applications, it is recommended to install the lifters in the block with no pushrods, then prime the oiling system while rotating the engine 90° four times until oil comes out of the pushrod hole in each lifter.
4. These lifters need a break-in period with no load on motor for 25-30 minutes varying the RPM from 1800-2200 RPM. After break-in, re-lash lifters. The lash should not vary more than .001".
5. Make sure the lifter-to-bore clearance on cast iron blocks is .0015"-.0017 and on aluminum blocks it is .0014"-.0016". The lifter bore roundness and taper should be a maximum of .0002". Following these clearances will give you good oil to the rocker arms while giving performance and durability.

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