



TECHNICAL BULLETIN LS MOD File #MLSTB101608

THE ALL NEW MOTOWN LS

WORLD'S BEST SBC/LS BLOCK

WORLD PRODUCTS' innovative new cast iron MOTOWN LS engine block lets you utilize standard small block Chevrolet components with the latest in high flowing LS cylinder heads and manifolds through a uniqueset of parts.

A specially designed **valley cover assembly** is offered that seals the lifter valley and enables the use of the LS series manifold. It also provides a panel for inspection or replacement of the lifters. Also offered are billet bolt on O-ringed cylinder head **end plates** that are needed to access the cooling system and mount first generation belt driven accessories. These two items are required to complete the LS package and are sold separately. In addition, both SBC and LS series engine mount bosses are included in the casting.

This new combination requires a custom made hydraulic roller camshaft. The cam is based on a standard SBC core with LS cam lobes, and the LS firing order of 1-8-7-2-6-5-4-3. The standard LS roller lifters, valve springs, rocker arms and retainers complete the valvetrain. This cam also utilizes the distributor drive gear and fuel pump lobe from the standard SBC cam. Due to the increase in deck height longer pushrods are required to maintain proper valvetrain geometry.

AVAILABLE BARE OR FULLY RACE PREPPED



THE STAR OF SEMA & PRI

- A. Lifter valley cover assembly**
- B. Cylinder head end plates**
- C. Increased deck height to 9.240"**
- D. Utilizes LS dish style pistons**
- E. LS water jackets and bolt patterns**

THE MOTOWN LS IS THE MOST COST EFFECTIVE WAY TO HAVE LS TECHNOLOGY



631.981.1918 • worldcastings.com

REAL WORLD TECHNOLOGY AT REAL WORLD PRICES

MOTOWN LS