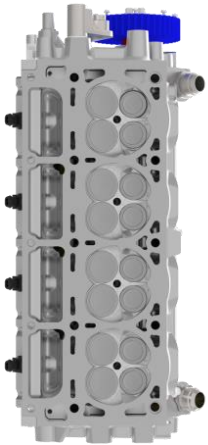


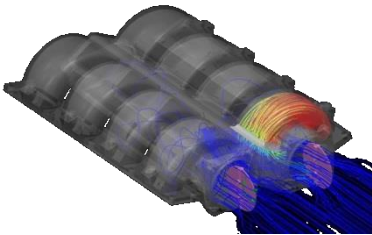


SB4 Exclusive Features



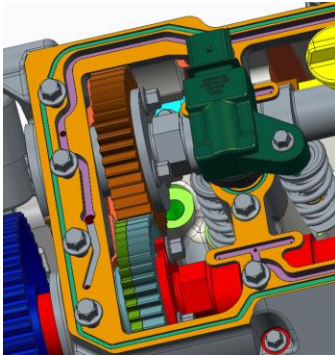
Custom Four Valve Heads

- Mercury Racing designed, Edelbrock® cast DOHC , four-valve cylinder heads
 - Intake and exhaust port flow is significantly improved over conventional 2-valve heads for improved drivability, idle quality, and torque compared to a high lift 2-valve design
 - Efficient, high tumble four valve combustion
 - Low mass, high stiffness design reduces stresses and enables smooth high RPM operation and long life
 - Intake valve heads are 43.25 mm (1.703 in) diameter
 - Exhaust valve heads are 35 mm (1.378 in) diameter



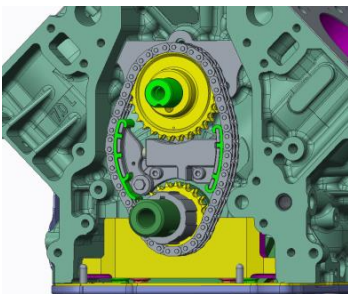
Induction System

- Computational Fluid Dynamics (CFD) and GT-Power™ engine performance simulations were used to develop an optimized intake manifold featuring dual throttle bodies for maximum power and efficiency



Robust DOHC Valve Train

- Anti-backlash ground, high spec camshaft timing gears for enhanced engine durability and minimized engine Noise, Vibration and Harshness (NVH)
- Camshaft lobe sprayers with diamond-like carbon (DLC) coated cam followers for low friction and high durability



Rotating Components

- LS cylinder block fitted with Mercury Racing designed and specified components for improved performance and enhanced durability
- Double row, roller chain primary drive, with Mercury Racing designed hydraulic tensioner for enhanced durability
- Centrifugal pendulum absorber camshaft pulleys for enhanced belt life
- 750 H.P. @ 8000 RPM

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