

Holden V6 Stroker Kits

- 1) 4.2 litre normally aspirated Stroker kit includes our nodular cast iron large counterweighted 3.7" stroke crankshaft. Our 4340 forged steel 5.550" "I" beam conrods with capscrew fasteners. Rods are bronze bushed fully floating types. Kit is supplied with hypereutectic cast pistons in 9-9.7:1 compression ratio (2 types) moly rings, rod and main bearings and the assembly is fully balanced externally to OEM flywheels and harmonic balancers.
- 2) 4.2 litre boost application stroker kit. As above but supplied with our larger pin bore "I" beam con rods for additional strength and custom Wiseco forged low compression pistons. Recommended for applications up to 10 psi boost. This kit is also available with a normally aspirated high compression custom forged Wiseco piston for nitrous or high rpm normally aspirated use.
- 3) 4.2 litre boost application stroker kit as above but with our unique lightweight 4340 forged steel "H" beam conrods for boost applications to 20psi. This kit is also available with high compression forged Wiseco pistons for normally aspirated or nitrous race applications.

Note also the very minor block clearancing required to fit our 4.2 stroker kits to the typical Ecotec cylinder block (see photos)

Enclosed find our comparison dyno charts for a stock fully blueprinted balanced 3.8 engine versus a mild 4.2 litre stroker engine. Both engines have stock unported heads. The 4.2 has 9.6:1 compression ratio and our part # CSBR-523 Streetmaster hydraulic roller camshaft. The stock intake manifold and throttle body, MAF sensor etc. were used on both engines.

If you look at the torque curve with over 278 ft.lbs versus 217 ft.lbs at 2500 rpm it is obvious where the acceleration with these little rockets will be coming from.

You should realise the whole engine must be stripped and fully rebuilt with the stroker kit. It's not a matter of simply fitting a crank and rods. However, the results are definitely worth the effort. You simply won't need to step up to a V8 with the power these little engines are capable of making while still looking stock.

Go to the Products/Engines section where we have several engine combinations available in fully built assembled and dyno run in form including real time software tuning. Or we can supply packages of short motors, heads, camshafts or complete engines unassembled for the do it yourselfer.