

High-flow cylinder head with integrated exhaust manifold moves air in and exhaust out for better performance

Light weight, high-strength pistons with low-friction skirt coating, steel ring carriers and increased compression ratio

High-performance valve seat materials

High-strength forged steel connecting rods with full floating pins

Piston cooling jets for durability

High-pressure die-cast aluminium cylinder block and structural ladder frame with integrated main bearing caps

Deep-sump structural die-cast aluminium oil pan with baffles to help maintain oil delivery during spirited driving

Balance shaft for smoother operation at all speeds

Forged steel crankshaft with premium bearing materials