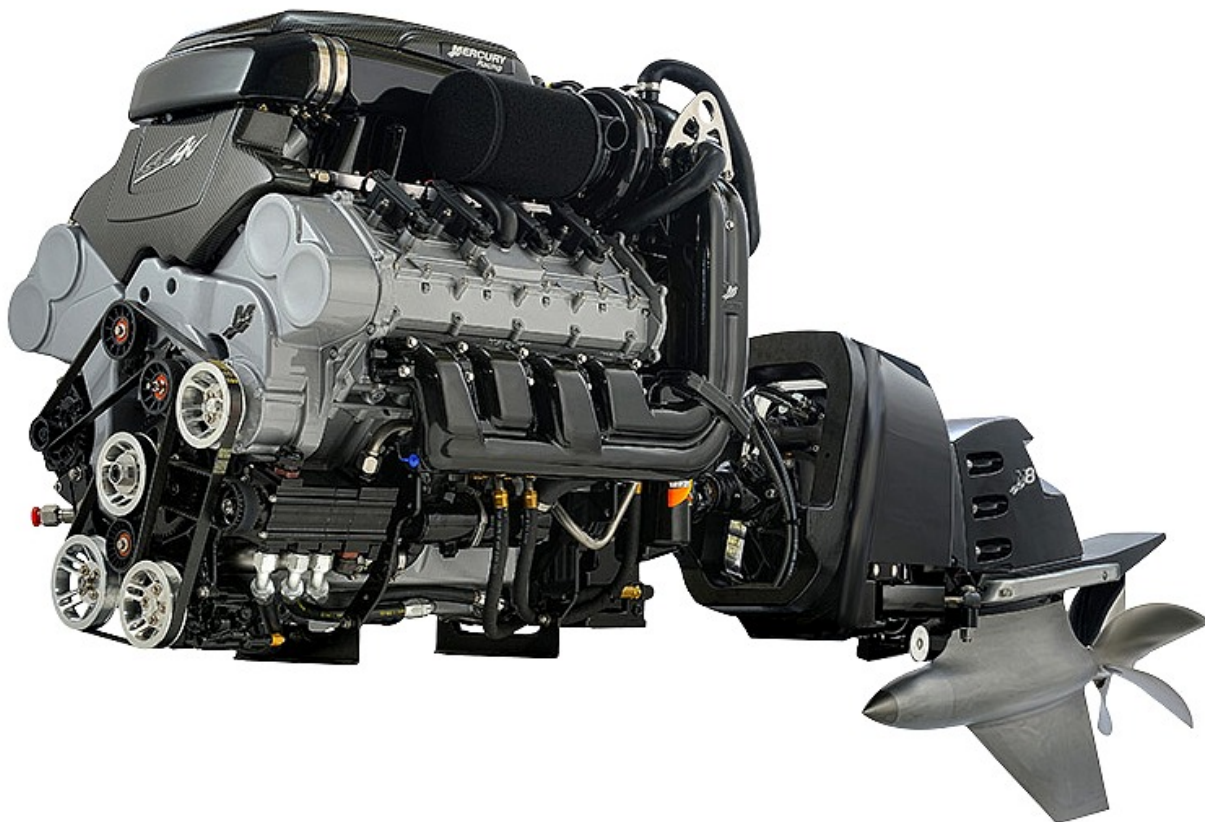


Mercury 1650 Racing Sterndrive

POA



Description

Mercury 1650 Racing Sterndrive - The 1650 is based on the same four valve technology with quad cams and dry sump efficiency as its consumer siblings. Larger turbochargers, packed with an improved compressor wheel design, provide greater airflow for enhanced power and torque. The 9.0 liter quad cam four valve (QC4v) cylinder block and head design, combined with SmartCraft Digital Throttle & Shift (DTS), provides big power with luxury-car-like drivability. The DTS system also features one-touch Smart Start and automatic throttle synchronization, as well as shadow mode for triple or quad engine applications (where two throttle levers operate all engines). Zero Effort Digital controls provide an intuitive control experience - precisely signaling driver intent to the potent powerhouses.

The 1650 is close-cooled for more uniform temperature distribution, optimal running quality and longer life. Closed cooling, combined with a ball bearing supported compressor shaft, enhances 1650 turbocharger performance and durability as well.

Offshore racers will appreciate Mercury Racing's proprietary pulse-separated exhaust tuning which keeps turbos "spooled up," virtually eliminating throttle lag and low-end torque deficit.

SPECIFICATIONS

Crankshaft-rated Horsepower 1650 (1230 kW)

Full Throttle RPM Range 6500-6800

Displacement Liter/CID 9.0/552

Bore (in/mm) 4.57/116

Stroke (in/mm) 4.21/107

Compression Ratio 7.8:1

Cylinders V-8

Alternator (amp/watt) 105/1481

Controller PCM distributorless

Fuel System Sequential Fuel Injection

Fuel Requirements 112 AKI Sunoco Supreme or equivalent race fuel

Transmission Mercury Racing dry-sump hydraulic

Drive Unit Dry-sump M8



Gear Ratio Application dependent (contact Mercury Racing for additional information)

Length (in/mm) 26.69/678

Width (in/mm) 34/864

Height (in/mm) 29/737 (from crankshaft centerline)

Weight (lbs/kg) 1720/782

Warranty None*

*This product is highly specialized and produced in limited quantities for sale, without warranty, to qualified powerboat racing professionals.

