



YAMAHA SUPER VORTEX HIGH OUTPUT ENGINE

Available with FX® SVHO™ and FZ models



TWEET: Yamaha's New SVHO™ Engine Debuts as the Most Powerful Motor Ever in a WaveRunner®

Highlights:

- ***New Yamaha SVHO engine increases power and torque by 20 percent***
- ***Largest displacement engine in the PWC industry***
- ***Key engine components are significantly beefed up for performance and reliability***

New for select Yamaha WaveRunners® in 2014 is the race-ready Super Vortex High Output marine engine - the most technically-advanced motor ever designed for personal watercraft use and the most powerful engine ever in a Yamaha WaveRunner.

The Yamaha Super Vortex High Output (SVHO) engine is a purpose-built 1.8L, four-stroke, four-cylinder supercharged and intercooled motor that advances the performance gains made possible by its predecessor, the Yamaha Super High Output (SHO®) engine.

The new SVHO engine increases power and torque by 20 percent compared to the Yamaha SHO engine. To do that, Yamaha:

- Increased cooling efficiency by 25 percent with a new high-performance intercooler,
- Increased the supercharger air intake by 20 percent with a larger diameter supercharger impeller and increased supercharger boost by 60 percent.
- Increased oil cooling efficiency by 110 percent with an all new oil cooling system.
- In addition, the SVHO features an advanced fuel injection system to increase fuel flow and added high-performance forged pistons to deliver peak power.



YAMAHA SVHO ENGINE SPECIFICATIONS

Engine Type:	Yamaha supercharged and intercooled, 4-stroke, 4 cylinder, 16 valve Super Vortex High Output engine
Displacement:	1812cc
Warranty:	1 year limited

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