

YAMAHA MARINE

HOT SHEETS

NEW F9.9F/T9.9G

FOUR STROKE

Compact, Lightweight Four-Stroke Power

Yamaha is proud to announce the arrival of two new 9.9 horsepower four-stroke models, the F9.9F and the T9.9G. Based on the current and very popular F8C, they represent one of the smallest and lightest 9.9 horsepower four stroke outboard models available. In fact, they're nearly the identical size as the Yamaha 2-stroke 9.9.

Truly compact and lightweight, both models are feature-packed and offer the outstanding reliability you've come to demand and expect from Yamaha.

The F9.9F and T9.9G engines are convenient and easy to use, with such features as controls that are forward-mounted for easy operation, integral carrying handles, and available power tilt. They also are among the most fuel-efficient and quietest in their class, and are three star rated for ultra-low emissions by the stringent California Air Resources Board.

Using a SOHC, in-line 2 cylinder design, both models feature an enhanced 212cc aluminum block (15 cc's larger than the F8) and newly-available propeller pitches for smooth, reliable power and torque. There's even a T9.9G high-thrust version, which uses a higher gear ratio and our Dual Thrust™ prop (standard on these models) to deliver outstanding thrust needed to help control heavier boats.

In short, they're the winning combination of power, performance, and portability you've been asking for.



AVAILABLE MODELS

F9.9F

■ F9.9FMSH ■ F9.9FMLH ■ F9.9FELR

T9.9G

■ T9.9GELH ■ T9.9GPLH ■ T9.9GPLR
■ T9.9GEXH ■ T9.9GPXH ■ T9.9GPXR

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FEATURE SUMMARY

PERFORMANCE

- The 212cc, 2 cylinder in-line design provides smooth, reliable power and torque.
- New aluminum propeller pitches available for both the F9.9F (8.25" x 8.5") and the T9.9G (11.75" x 8.25").

RELIABILITY/DURABILITY

- The F9.9F and the T9.9G both feature a strengthened 'waist' driveshaft, similar to that found on the F20 and F15C, which temporarily twists at its 'waist' should the prop make a hard strike with an underwater object. This helps protect the powerhead, prop shaft, and other vital engine and drive train components.
- Oversized mounting bracket, same as used on the F20 and F15C (manual tilt models only).
- Yamaha's Ultimate Corrosion Protection System, featuring proprietary YDC-30 aluminum alloy, ACP-221 paint process, sacrificial anodes and freshwater flush.
- Warning and protection system including over-rev limiter, low oil pressure warning, start-in-gear protection, and shift-in-gear protection at advanced throttle settings.

ECONOMY

- Outstanding fuel economy, thanks to advanced Yamaha four stroke engine technology.
- Substantially better fuel economy than 2-stroke 9.9hp models.

QUIETNESS

- Among the quietest engines in their class, thanks in part to a single-latch sealed cowling, labyrinth exhaust, and a water-sealed exhaust tube which provide excellent sound-dampening.
- Long-span mounting system with large rubber engine mounts to reduce vibration and noise.

CLEANLINESS

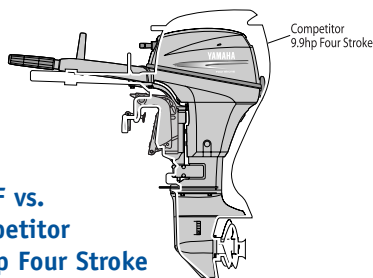
- High combustion efficiency and blow-by gas re-burning system provide very clean emissions.
- Meets all Federal emissions requirements.
- 3-Star rating from the stringent 2008 California Air Resources Board (C.A.R.B.)

CONVENIENCE

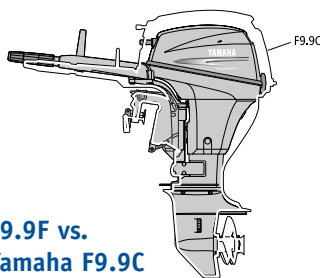
- Available as both a four-stroke F9.9F model, and a high-thrust T9.9G model.
- Extensive model selections, including:
 - Two types of boat control (remote or tiller handle)
 - Available Long Multifunction Tiller Handle with front-mounted shift lever, engine stop switch lanyard, extended throttle grip, throttle friction adjustment knob, and power tilt switch (on models so equipped).
 - Choice of shaft length (F9.9F - 15"/20", T9.9G - 20"/25")
 - Choice of starting method (F9.9F - manual or electric, T9.9G - electric or electric & manual)
 - Two types of tilt method (manual with Shallow Water Drive / power tilt)
- Front-mounted controls, levers, and knobs for easy operation.
- Large, built-in carrying grips for easy portability.
- Single-handed steering friction adjustment
- Standard 6-amp alternator.

COMPACT SHAPE

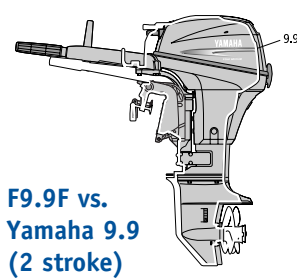
**F9.9F vs.
Competitor
9.9hp Four Stroke**



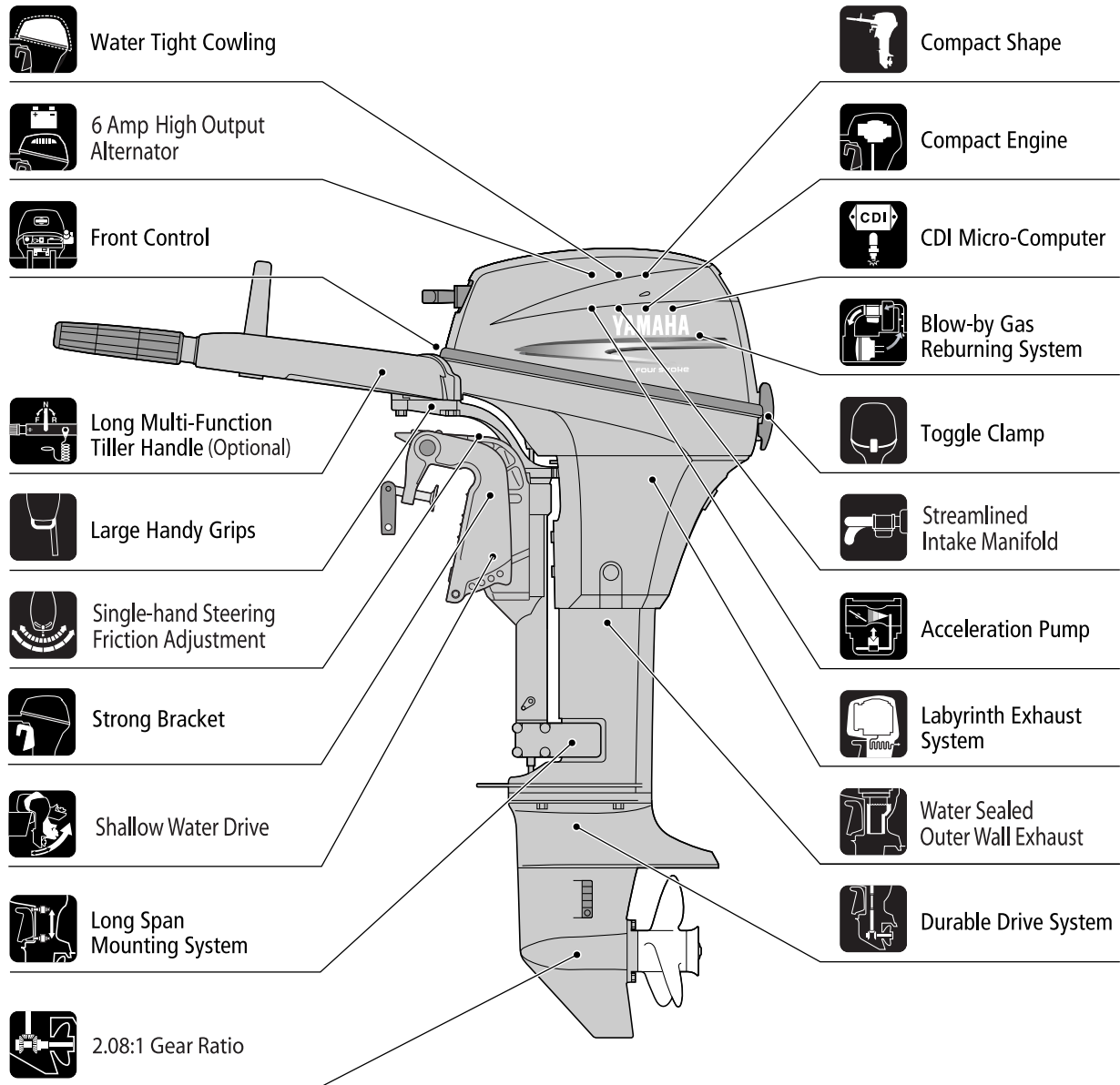
**F9.9F vs.
Yamaha F9.9C**



**F9.9F vs.
Yamaha 9.9
(2 stroke)**



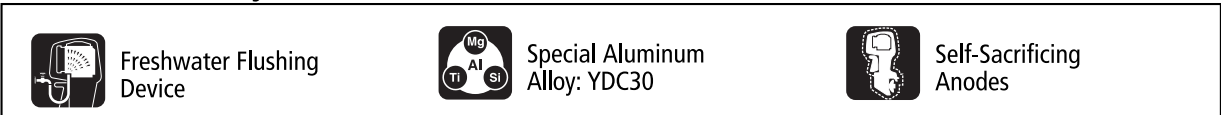
F9.9F FEATURE MAP



Warning & Protection

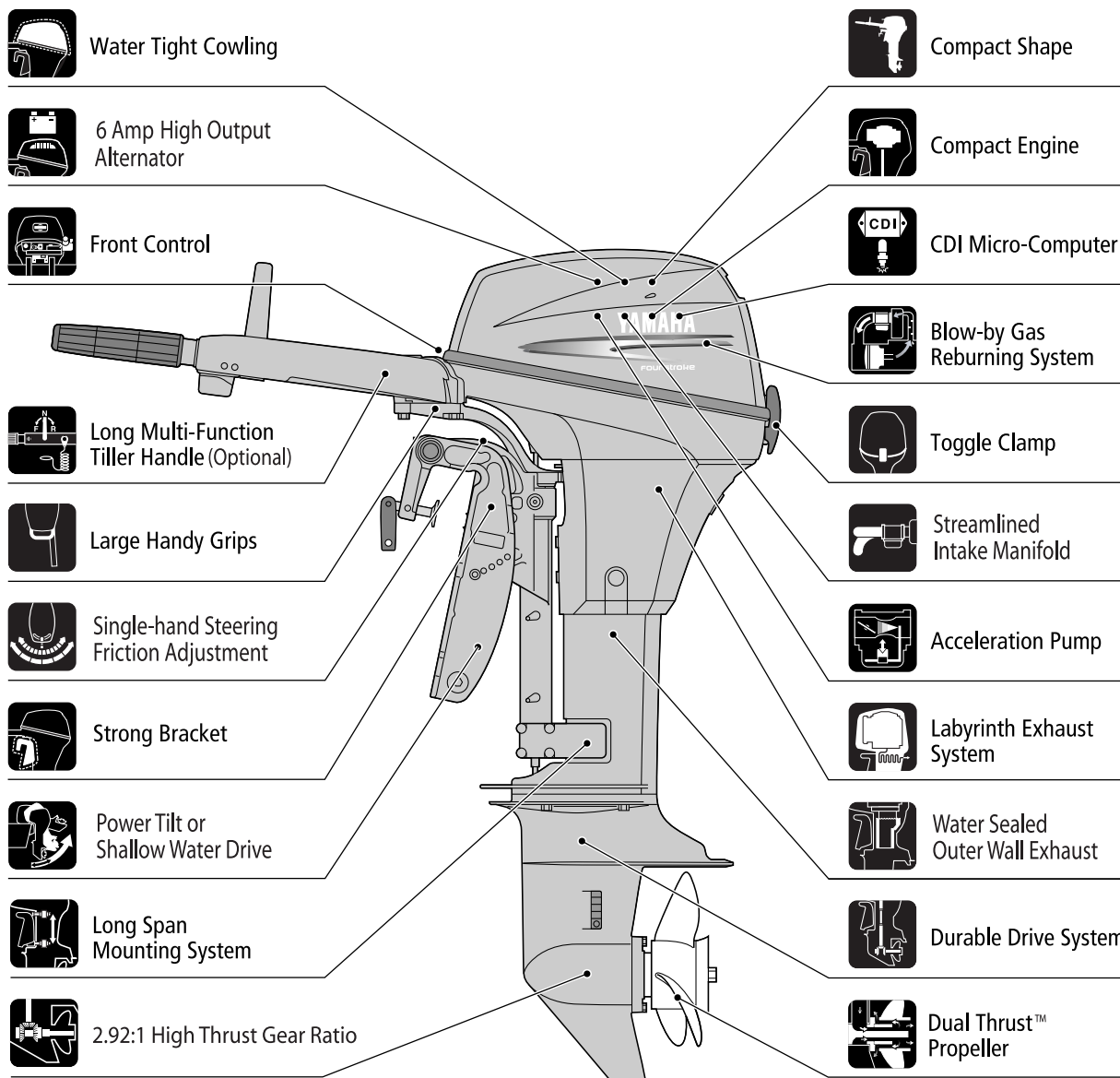


Anti-Corrosion System



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T9.9G FEATURE MAP



Warning & Protection



Low Oil Pressure Warning



Over-Rev. Limiter



Start-in-Gear Prevention



Shift-in-Gear Prevention at Open Throttle

Anti-Corrosion System



Freshwater Flushing Device



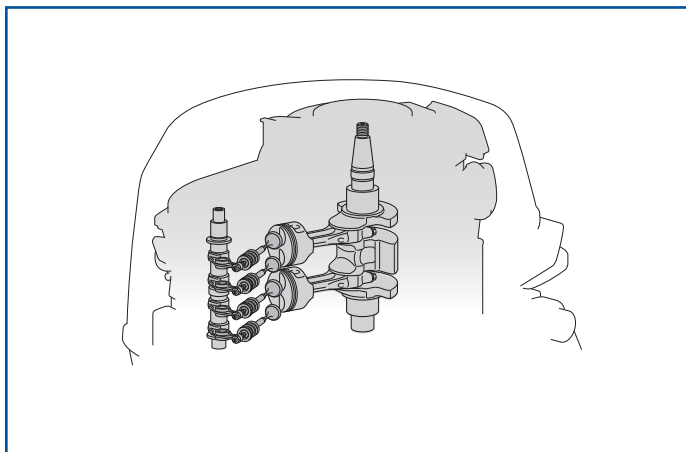
Special Aluminum Alloy: YDC30



Self-Sacrificing Anodes

POWERFUL AND COMPACT

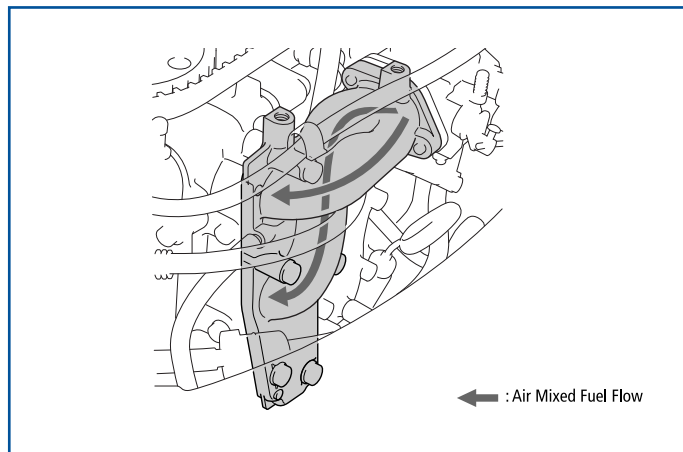
COMPACT ENGINE



Pint-Sized Powerhouse.

The new F9.9F and T9.9G use a new 212cc, twin cylinder, single overhead camshaft design to provide the power and torque, while minimizing weight and size. It's a powerful performer in a compact package.

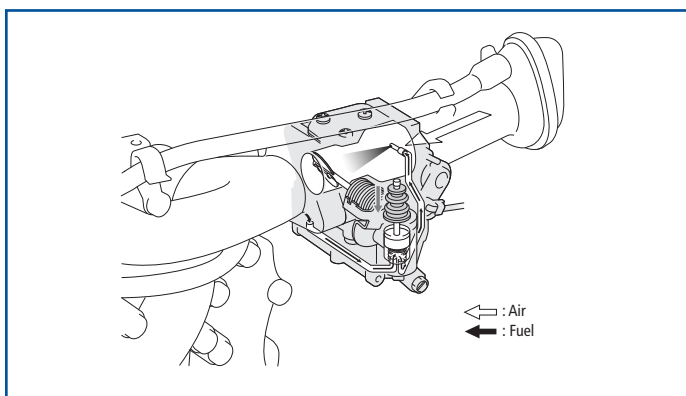
STREAMLINED INTAKE MANIFOLD



Coming Through.

The intake system, from the silencer all the way through the intake manifold, is designed to provide direct airflow, for minimum noise and maximum power. The shape also reduces space and weight, to make the new F9.9F and T9.9G compact and powerful.

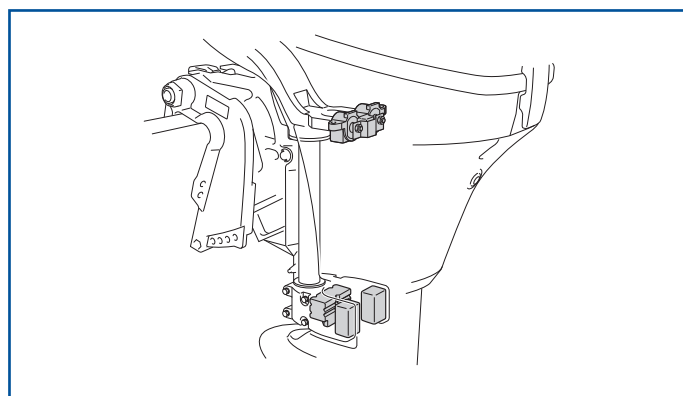
ACCELERATION PUMP



Off and Running.

The new F9.9F and T9.9G feature an acceleration pump, to provide the extra fuel needed during rapid throttle advance. The result is rapid throttle response and quick power, to get you up and moving fast.

LONG SPAN MOUNTING SYSTEM



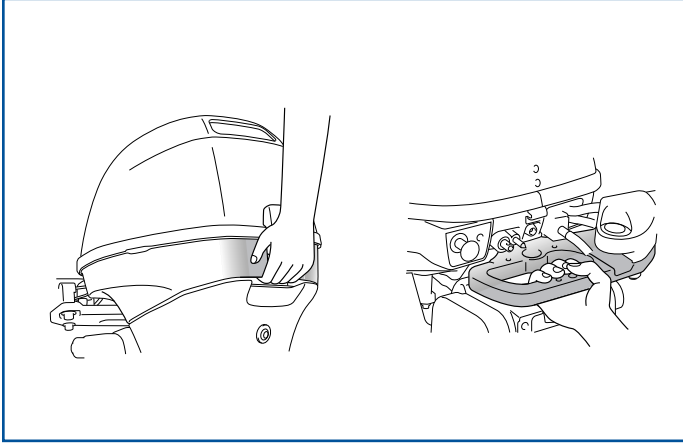
Hush Up.

Long span mounting means the large rubber engine mounts are placed far apart, which minimizes noise and vibration. Smooth and quiet operation is the result.

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CONVENIENT AND EASY TO USE

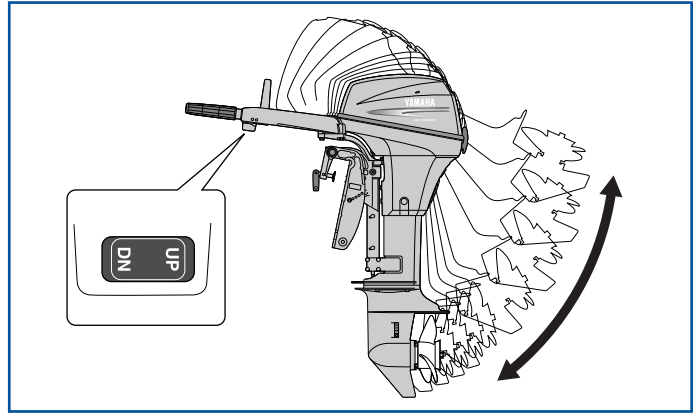
LARGE HANDY GRIPS



Get a Grip.

Already one of the lightest engines in its class, built-in carrying handles on the new F9.9F and T9.9G make for even easier and more convenient portability.

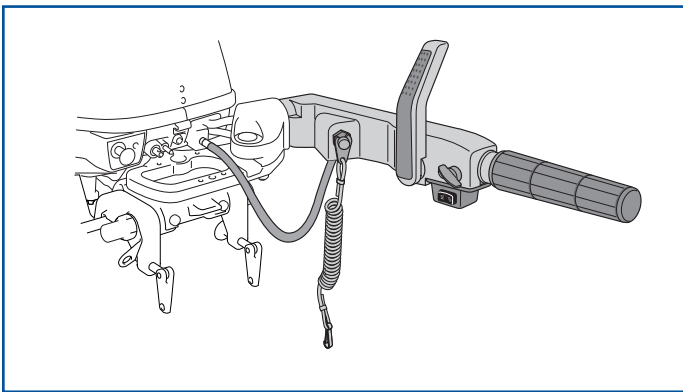
POWER TILT OR SHALLOW WATER DRIVE



Out of Harm's Way.

Either system (depending on model) allows the operator to easily raise the engine during low-speed operation in shallow water, or to fully tilt the engine up during non-operational periods.

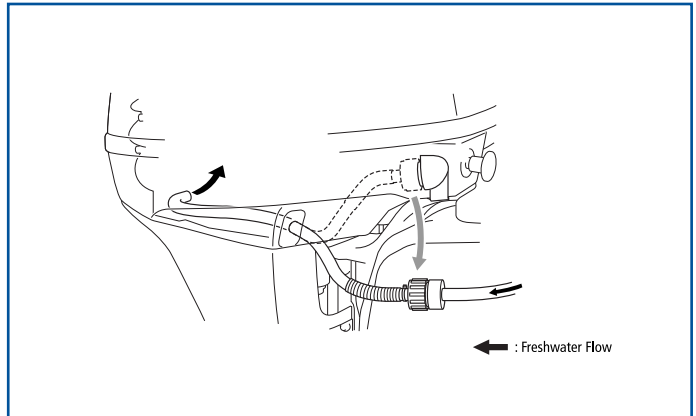
LONG MULTIFUNCTION TILLER HANDLE



Get a Handle On It.

On models so equipped, the long multifunction tiller handle features a front-mounted shift lever, engine stop switch lanyard, throttle friction adjustment knob and more in an easy-to-use, ergonomically-designed handle.

FRESHWATER FLUSHING DEVICE

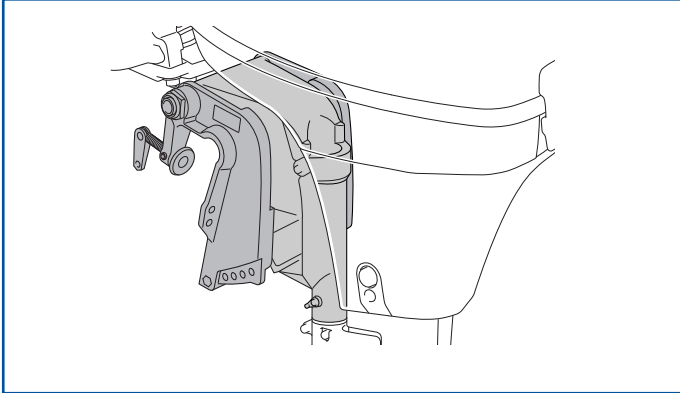


Wash Away Your Troubles.

The freshwater flushing device is attached to the front of the engine for easy accessibility, and the engine does not have to be running to use it. That's one easy way to help maintain the reliability of your Yamaha.

RELIABLE POWER

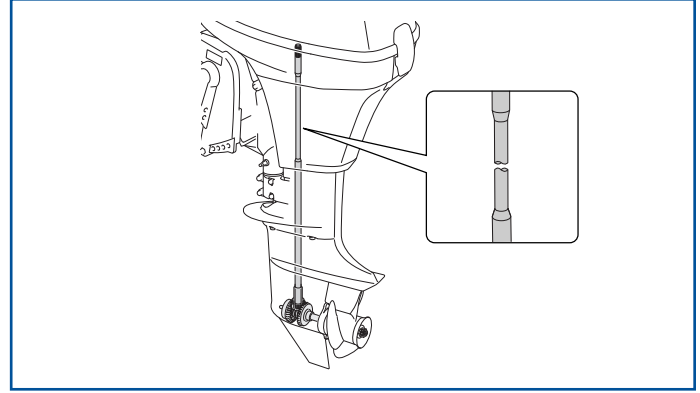
STRONG BRACKET



Grab Hold.

Manual tilt models of the new F9.9F and T9.9G use the same mounting bracket as the F20. The larger mounting surface means increased strength and durability while helping reduce vibration and noise.

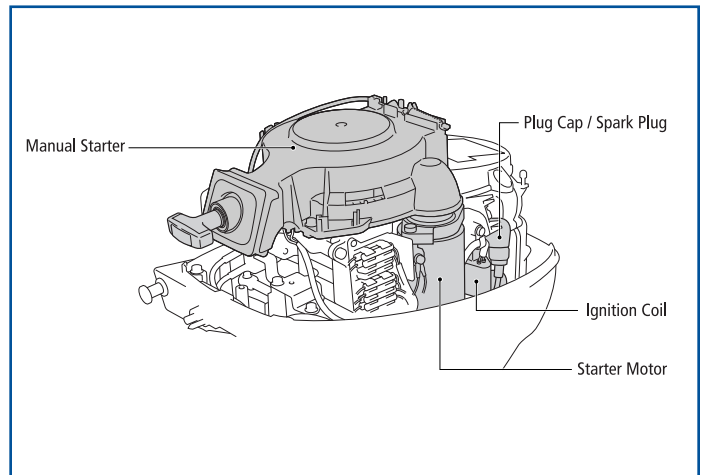
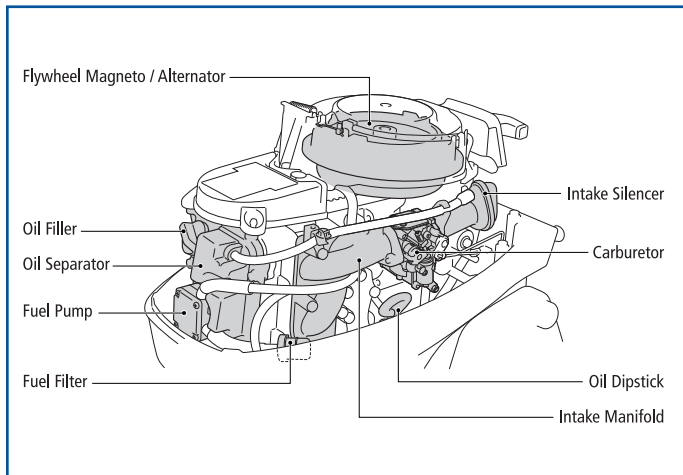
DURABLE DRIVE SYSTEM



I'll Handle This.

The driveshaft on the new F9.9F and T9.9G has a special center section that is narrower than the ends. It is designed to temporarily "twist" should the prop coming into hard contact with an underwater object, protecting the powerhead, propshaft, and other vital engine components.

ENGINE LAYOUT



F9.9F / T9.9G SPECIFICATIONS

Model	F9.9F / T9.9G
Engine type	Four-Stroke, SOHC, In Line 2 Cylinder
Displacement	212 cc (12.9 ci)
Bore x Stroke	56.0 mm x 43.0 mm (2.48 x 2.29 in.)
Prop shaft output	9.9hp @ 5500 rpm
Full throttle RPM range	5000 ~ 6000 rpm
Idling engine speed	1050 ± 50 rpm
Compression ratio	9.46:1
Fuel induction system	Carburetor (1)
Lubrication system	Wet sump
Oil pan capacity	0.8L (.85 qt.)
Recommended engine oil	Yamalube FC-W® 10W-30 or 20W-40
Maximum fuel consumption (estimated)	0.99 gal/hr @ 6000 rpm (depending on application)
Ignition system	CDI Micro-Computer
Spark plug	BR6HS-10
Alternator	12 volt, 6-amp
Starter	Manual and/or electric
Starting system	Manual choke
Steering system	Tiller Handle or Remote Control
Gear shift	F-N-R
Gear ratio	F9.9F: 2.08 (27 / 13) / T9.9G: 2.92 (38 / 13)
Trim & tilt system	Manual tilt with Shallow Water Drive system - or - Power Tilt
Exhaust system	Through propeller, water-cooled, labyrinth
C.A.R.B. Emissions Rating	3-star
Shaft length	S=15" L=20" X=25"
Dry weight (with Prop.)	F9.9F: 91 lbs ~ 94 lbs / T9.9G 104 lbs ~ 116 lbs

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