### FIND THE PERFECT POWER FOR YOUR BOAT AT YAMAHAOUTBOARDS.COM.

When it comes to selecting an outboard, you can never know too much. Visit us online at YamahaOutboards.com for the very latest product news. Our website also features informative Performance Bulletins. Yamaha provides more than one thousand outboard/boat test combinations, and posts all of the results online. To access this information, simply visit YamahaOutboards.com and click on Performance Bulletins. Our Performance Bulletin search engine will prompt you to select the technology type (2 or 4 stroke), the horsepower range, your boat type and its manufacturer. This will pull up a Performance Bulletin that tells you exactly the miles per hour, gallons per hour and miles per gallon achieved by pairing this type of motor with your boat. We provide this information because we don't just want you to buy a Yamaha Outboard. We want you to buy the right

Yamaha Outboard. So you can pursue your passion for the

water—and enjoy it to the utmost.

### **Complete Customer Satisfaction Starts Here.**

Year after year, Yamaha owners reward us with rave reviews for customer satisfaction. It's no wonder. We know it's not enough to make the most reliable outboards in the industry. So we back them up with a nationwide dealer network that is second to none. Your Yamaha dealer is there for you every step of the way. To help you select the best boat, outboard and accessories for your boating needs.







YAMAHA EXTENDED SERVICE

And to provide ongoing service and support for the long life of your Yamaha engine. Including Y.E.S., Yamaha Extended Service—warranty coverage that takes over when your industry-leading original Yamaha factory warranty expires.



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Boat smart from the start. Take a boating safety course and get a free vessel safety check annually for your boat, For more information, contact: United States Coast Guard Auxiliary, online at www.cgaux.org, or United States Power Squadrons, 888-for-usps, www.usps.org

Remember to always observe all applicable boating laws. Never drink and drive. Dress properly with a USCG-approved personal flotation device and protective gear.

For the name of your Yamaha Marine Dealer or for more information on our complete line of Yamaha Outboards please visit us at







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Don't take our word for it. We asked Yamaha owners throughout the U.S. how they feel about their outboards. And have they got stories to tell. Of instant starts, and silk-smooth performance so dependable you take it for granted. Of the confidence that comes with having Yamaha outboard power behind you, whether you're miles from shore charging wind-blown whitecaps or quietly cruising a glass-smooth lake. An endless

stream of success stories, straight from the people who trust their Yamaha outboards to make their boating experience the very best it can be. That's the true measure of performance. Not just product specifications. Not just test results. At Yamaha, we're as obsessed with reliability as you are about the water itself. Every last detail that goes into a Yamaha outboard is focused on providing you with advanced outboard technology you can count on—day in, day out, year after year. Yamaha engineers are continually creating breakthrough advances that take your experience on the water to a whole new high. Backed by the added confidence of a Yamaha limited warranty and a nationwide network of Yamaha dealers second to none. Ask Yamaha owners about reliable performance. Better yet, head off into the sun with a Yamaha outboard on your boat and experience it for yourself.

### **Real People, Real Stories**



"Every time
I turn the key my
outboard starts.
Weekends are
too important."

SQUIRE & SARAH SMITH Winter Haven, FL Yamaha Owner Since 1985



"I've had a lot of boats. But only one kind of outboard. Its sure starts never let me down."

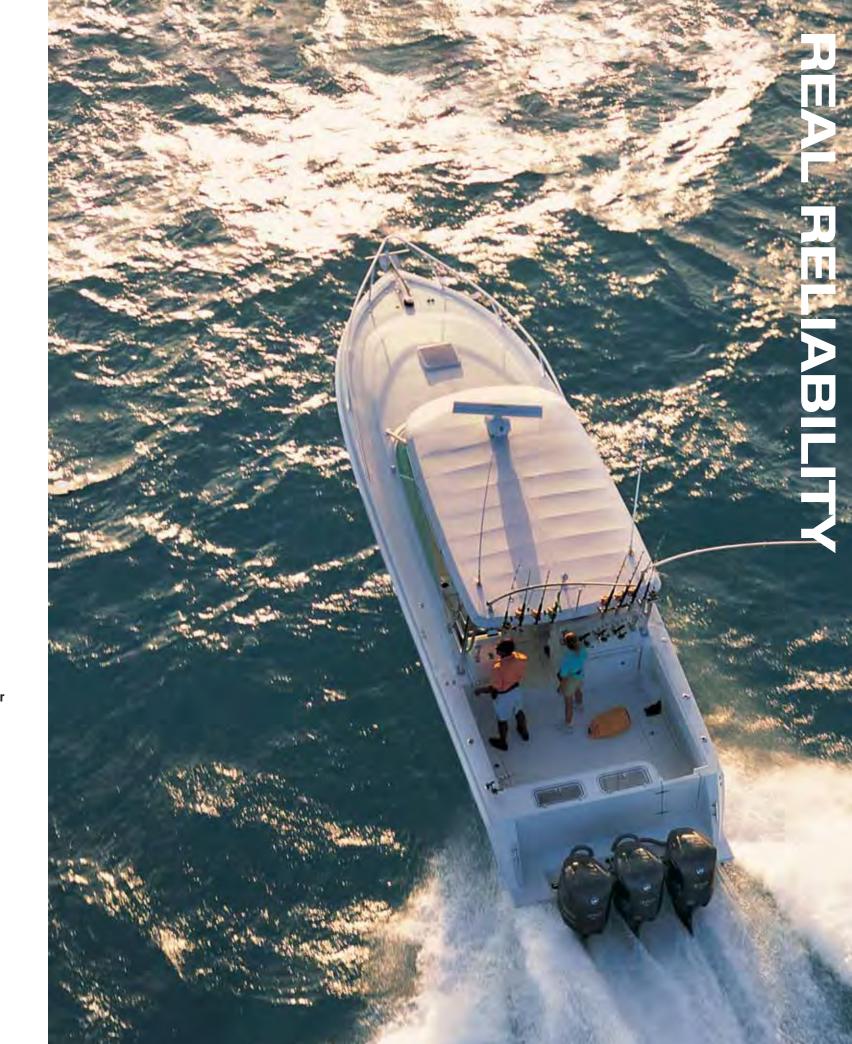
RICK FITCH North Central, IA Yamaha Owner Since 2001



"Who would you rather rely on? An outboard manufacturer making unbelievable claims or a company that just makes great outboards."

BOB MOLLERGREN South Setauket, NY Yamaha Owner Since 1999







Satisfaction—that's what we're talking about. After 20 years, the story is always the same: Yamaha owners love their outboards. We're extremely proud of that, but we're not surprised. We're committed to providing you with marine technology that's always on the leading edge. For instance, Yamaha has always led the way

in quiet, clean burning, fuel efficient, four-stroke outboards. This year we bring the world's first V8 four stroke to the water. And now there's the evolutionary, redesigned V MAX® Series 2. Blend that kind of innovation with Yamaha's rock-solid reliability, and it's no wonder Yamaha's customer satisfaction ratings consistently rank in the stratosphere. In fact, Yamaha is the only outboard manufacturer to earn the coveted industry CSI (Customer Satisfaction Index) Award every year since it was introduced. The CSI Award is based solely on independent surveys of outboard owners, and it just confirms what Yamaha outboard customers have been telling us all along. Yamaha. Satisfaction. It's the same story.

### **Real People, Real Stories**



"Some things in life are more dependable than my Yamaha. I just haven't found them yet."

CRISPIN POWLEY Buchanon, TN Yamaha Owner Since 2001



"I wouldn't trust our weekends to anything else."

CAROL SULLIVAN New London, NC Yamaha Owner Since 1999



"I always count on my Yamaha outboard. The weather is a different story."

CHUCK EILOLA Coon Rapids, MN Yamaha Owner Since 2000

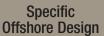


Six years in a row.
Yamaha is the only outboard manufacturer that has earned the coveted industry Customer Satisfaction Index award every year since it was introduced.



# REDEFINING OFFSHORE POWER YAMAHA INTRODUCES THE WORLD'S FIRST V8 5.3 LITER FOUR STROKE OUTBOARD.

Who else would you expect to start the V8 four stroke revolution? Yamaha has been leading the way into uncharted waters since day one. But this time we're talking a sea of change. The F350 represents an entirely new class of marine power, designed specifically to deliver a new dimension in power, performance and reliability for today's larger offshore boats. Unprecedented outboard displacement that delivers massive power and thrust. Incredible durability. Unequalled horsepower in a production outboard. Leave it to Yamaha to bring boaters all this in a quiet, clean-burning, fuel efficient four stroke.





A New Level of Yamaha Reliability



Massive Power and Thrust





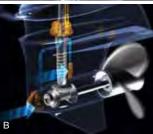
# \\ | 5.3 LITER FOUR STROKE OUTBOARD

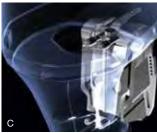
# SPECIFIC OFFSHORE DESIGN BUILT TO WITHSTAND SALTWATER.

NOTHING'S TOUGHER ON AN OUTBOARD. The saltwater environment is brutal and unforgiving. Tough on any outboard. But the F350 is not just any outboard. It's got what it takes to conquer most anything the sea wants to throw at it. Ultra-strong components. An innovative water-intrusion reduction system. A new generation of our heralded Ultimate Corrosion Protection System, UCP-II.™ An anodized exhaust system. Even its own, specially-designed series of props. Saltwater has met its match, and offshore durability takes on a whole new meaning.



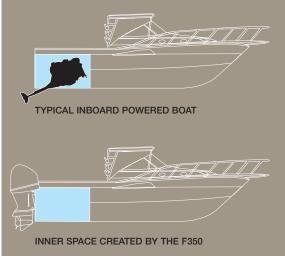












CONQUER INNER SPACE. The F350's ability to provide the same power and torque traditionally delivered by inboard or stern drive engines is already transforming the way boat builders are designing larger offshore boats. Outboard power not only saves space, but can also be more affordable, more fuel efficient, easier and less expensive to maintain, easier to repower, and can offer a higher power-to-weight ratio than inboard or stern drive power.

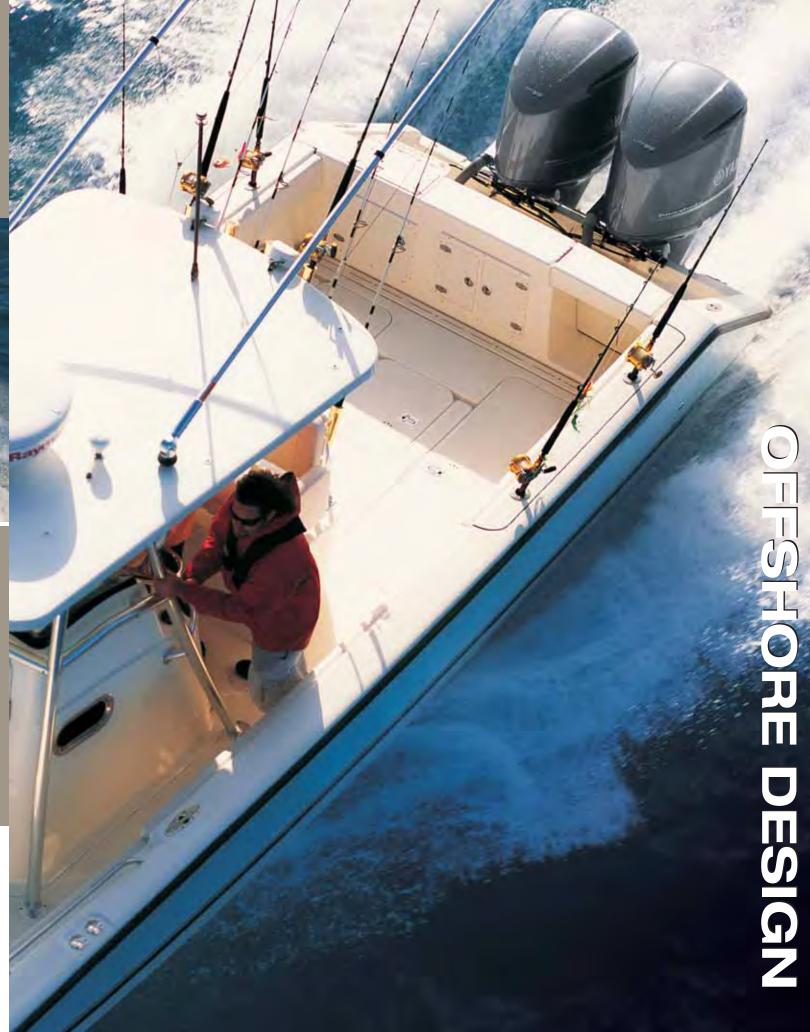
More and more, outboard-powered offshore craft will be offered in a revolutionary new size—a size we call "F350-class" boats.

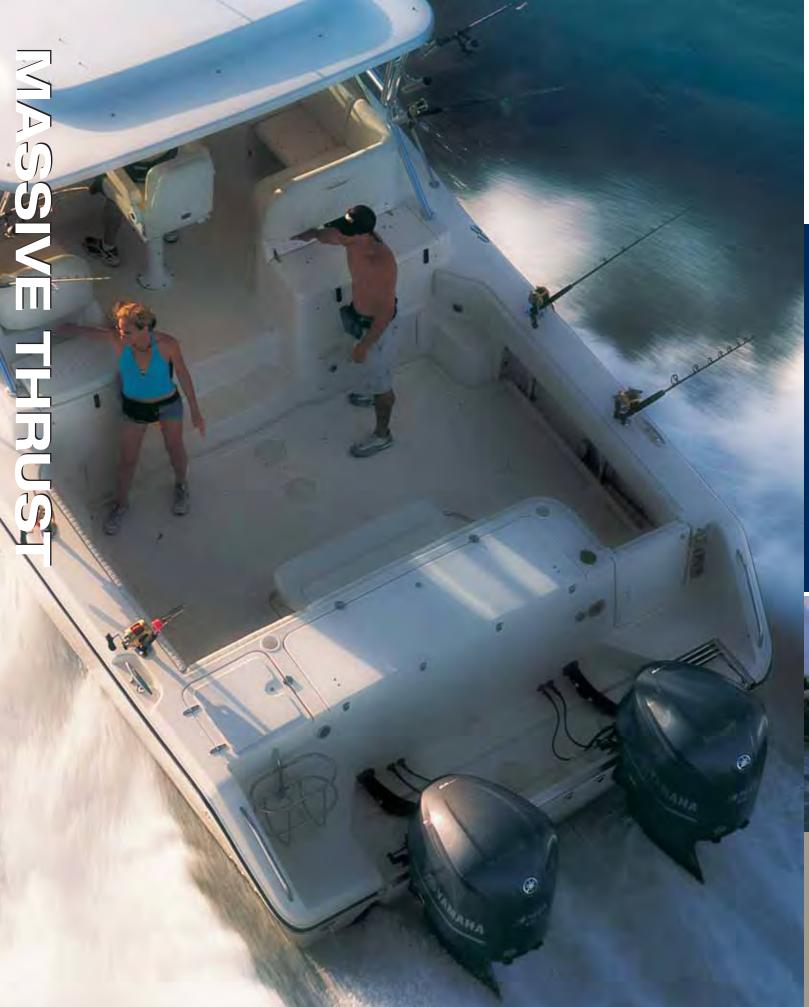
A. INCREASED RELIABILITY New Air Intake Labyrinth System easily and efficiently traps and drains water that enters the cowling during normal operation, before it enters the engine's intake.



- B. INCREASED COOLING EFFICIENCY Dual Water Inlets on the front and sides of the lower unit operate independently to maintain proper water flow in a wide variety of conditions and applications.
- enters the cowling during normal operation, before it enters the engine's intake.

  C. MINIMAL VIBRATION Strong, forged motor mounts and an oversized bracket are specifically designed to handle the F350's power and thrust, while minimizing noise and vibration.
  - **D. DEEP-WATER DURABILITY** An all-new, streamlined, Ultra-tough Gearcase incorporates hardened gears and high-strength, oversized bearings and bearing surfaces to handle the tremendous power of the F350.





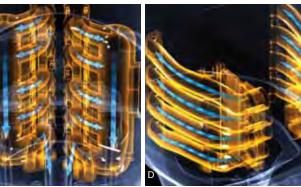
5.3 LITER FOUR STROKE OUTBOARD

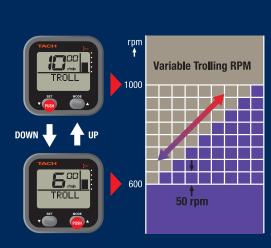
### MASSIVE POWER AND THRUST FOR TODAY'S HEAVY OFFSHORE BOATS.

A LEVEL OF POWER NEVER BEFORE ACHIEVED IN A PRODUCTION OUTBOARD. Raw, unbridled muscle. You'd better have it if you want the upper hand in open water. Especially with today's larger, heavier, offshore boats. The F350's unprecedented displacement makes a windy sea a walk in the park. In fact, its 60° V8 configuration and In-Bank™ Dual Exhaust with Power Surge Chambers serves up an awe-inspiring 45% more thrust than 250hp-class outboards. And it does it with Yamaha's legendary smooth, quiet, four-stroke reliability.









PRECISION TROLLING New Variable Trolling RPM System helps provide precise, consistent trolling speeds in a wide array of conditions. Just press a button on the Command Link® tachometer, and you can adjust the trolling speed from 600-1000 rpm, in 50-rpm increments.





- A. AWESOME POWER WITH EASE V8, 60° DOHC, C. PURE POWER Dual In-Bank™ Exhaust with Power Surge Chambers helps the engine purge exhaust for
- horsepower with less stress on internal components D. ENHANCED LOW AND MIDRANGE PERFORMANCE Individual Long Intake Manifolds are 'pulse tuned' to
- B. INCREDIBLE THRUST Variable Camshaft Timing 
  E. SPECIALLY DESIGNED PROPELLERS New Saltwater Series XL™ propellers have a larger diameter and

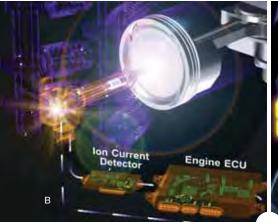
# V8 | 5.3 LITER FOUR STROKE OUTBOARD

A NEW LEVEL
OF YAMAHA RELIABILITY.

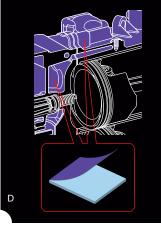
EIGHTY MILES OUT, NOTHING BUT OPEN WATER. With your history-making Yamaha F350 V8 four stroke behind you, you draw a bead on the horizon and throttle up. A new breed of outboard. A new world of offshore confidence. That's the thinking that went into every inch of the latest Yamaha breakthrough. It's more than massive, wave-crushing power. It's a new level of command and control. It's countless advanced design details that create a new dimension in reliability. We've gone the extra mile. So you can.



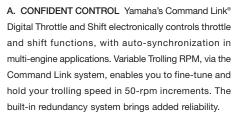




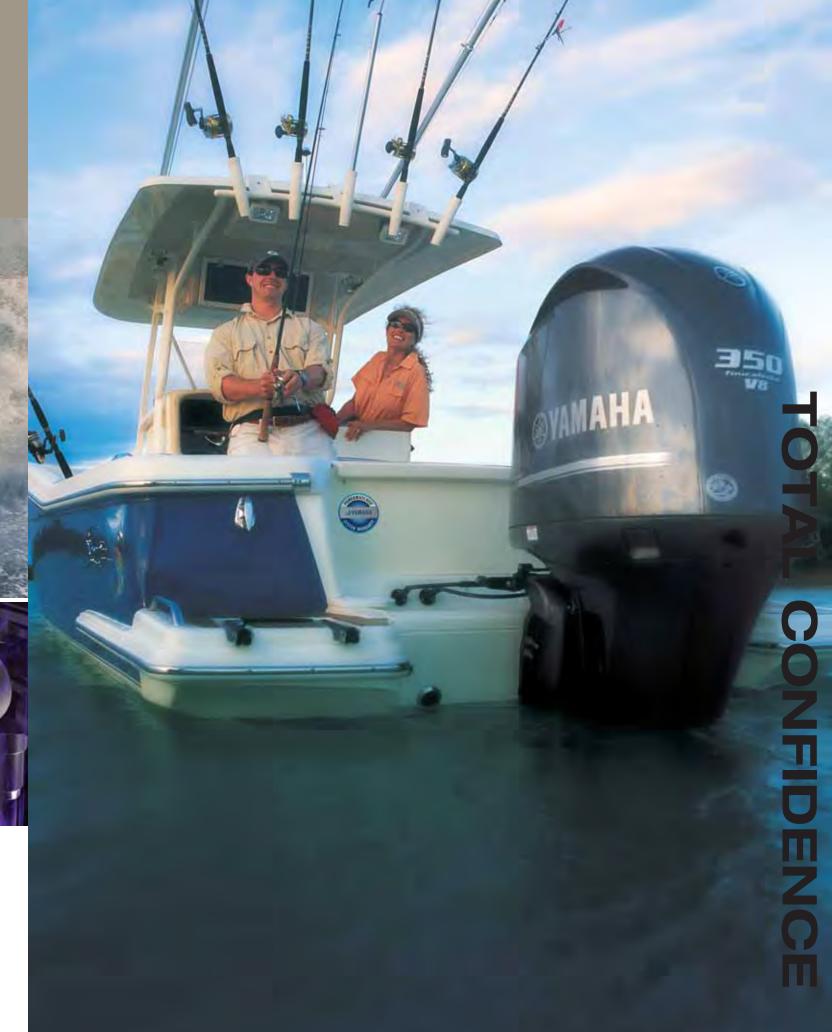








- B. IONIC COMBUSTION SENSORS Individual sensors constantly monitor each cylinder for incomplete combustion and immediately signal the Engine Control Module to adjust spark timing to correct it.
- C, D. ADDED CORROSION PROTECTION Yamaha's Ultimate Corrosion Protection System (UCP-II™) uses mutiple sacrificial anodes in and on the powerhead, mid-section and lower unit. An exclusive painting process coats the powerhead exterior and key parts of its interior. A special cylinder head gasket that resists saltwater corrosion and an anodized exhaust system are all important parts of the UCP-II™ system.
- E. ADDED RELIABILITY The F350's outer cylinder sleeves have a dimpled surface that helps increase the cooling efficiency of each cylinder, for increased durability.



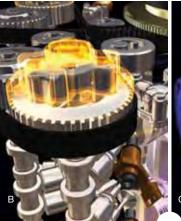
# V6 FOUR STROKE SERIES

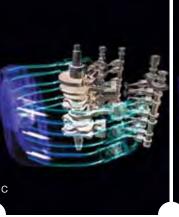
# NOT A SPECK OF LAND IN SIGHT. NOT A DOUBT IN YOUR MIND.

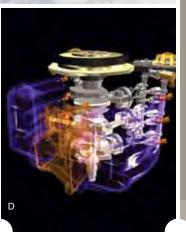
IT SHOULD COME AS NO SURPRISE that Yamaha also introduced the first V6 four stroke outboard. It's famed for its power to plane, exhilarating acceleration and incredible top-end speed. Yet this 24-valve double overhead cam powerhouse is ultra quiet, clean-burning, and long-range fuel efficient. Proven reliability gives you Yamaha peace of mind no matter how many miles you are from shore. Have your V6 from 200hp all the way to the mighty F250. They all carry a C.A.R.B. 3-Star rating for ultra-low emissions.









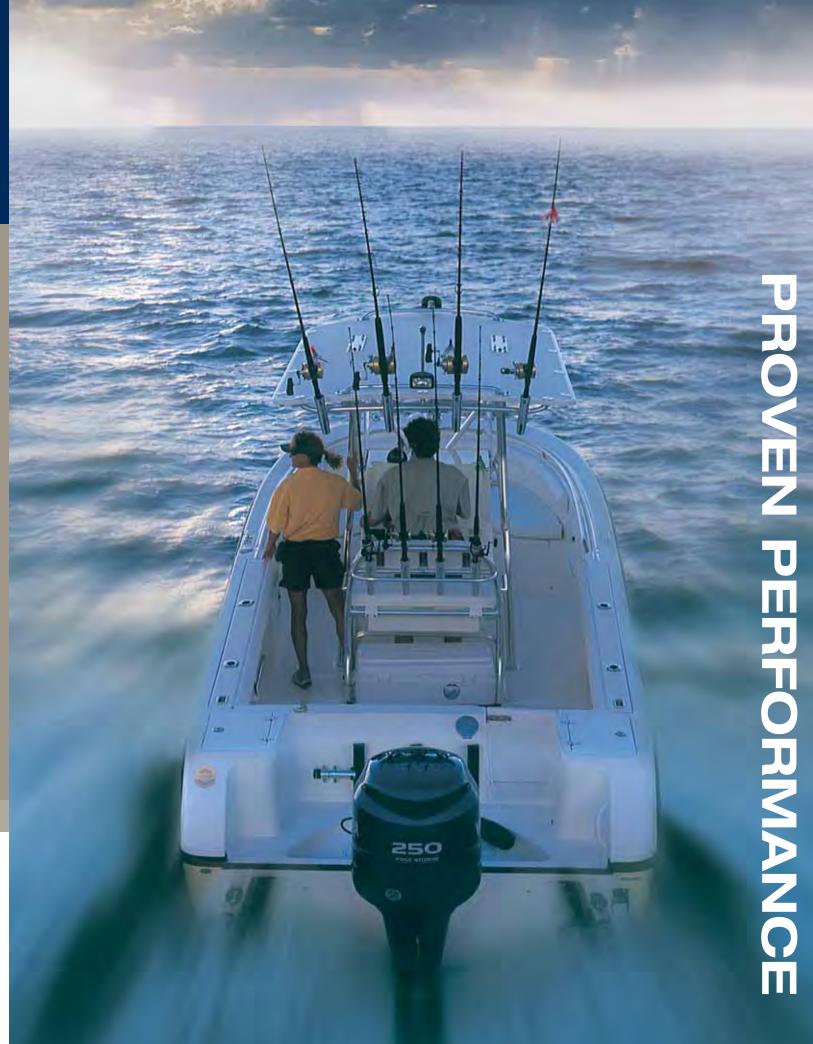




F250 | F225 | F200

- A. FUEL EFFICIENT DESIGN Yamaha's Precision Multi-Point Fuel Injection works in concert with the Long Tube Intake Tracks and In-Bank™ Exhaust system to provide maximum fuel efficiency in a compact, powerful outboard.
   B. MORE LOW- AND MID-RANGE ACCELERATION Variable Camshaft Timing optimizes combustion efficiency to boost torque a full 16% in the critical 2000-3500 rpm range (F250 only).
- C. RESPONSIVE PERFORMANCE Long Tube Intake Tracks are precision tuned to maximize air velocity for faster throttle response and increased power to plane today's larger offshore boats.
- D. EXHILARATING ACCELERATION The F250's sophisticated electronically-controlled Single Throttle Valve precisely controls air flow into the Long Tube Intake Tracks, for optimal power and fuel efficiency.

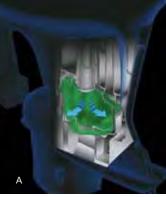
YamahaOutboards.com
Visit YamahaOutboards.com for performance data and more detailed specifications.

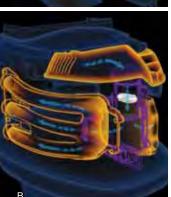


# V6 | FOUR STROKE SERIES SPORT MODEL

ALL KINDS OF WATER.
ONE KIND OF OUTBOARD.

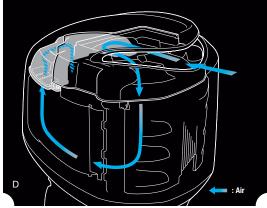
MORE POWER TO YOU. Now Yamaha V6 four-stroke power is available for pontoons, bass boats, bay boats, "fish 'n ski" boats, coastals—any boat needing a large horsepower, 20" shaft outboard. The new Yamaha F225 Sport model is your ticket to fly. This marine-inspired, 60° 3.3-liter, 204 c.i. power broker delivers instant starts, fast acceleration, and sizzlin' top-end speed. And with it, the clean, quiet, fuel-efficient performance Yamaha Four Strokes are famous for. Your wait is over. The excitement has just begun.





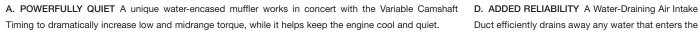








New F225 20" Shaft Sport Model



- B. OPTIMAL POWER AND FUEL EFFICIENCY An electronically-controlled Single Throttle Valve ensures precision air flow for maximum performance. The Air Silencer Box reduces intake noise and air turbulence for smooth, quiet operation.
- C. LOW AND MID-RANGE TORQUE Variable Camshaft Timing automatically adjusts according to engine rpm and load, providing substantially greater low and mid-range torque.

**D.** ADDED RELIABILITY A Water-Draining Air Intake Duct efficiently drains away any water that enters the cowling. Incoming air is routed through a labyrinth of passages that trap and drain water before it enters the engine's intake.











-4 FOUR STROKE SERIES

# THE OUTBOARD THAT GOES WHEREVER THE DAY TAKES YOU.

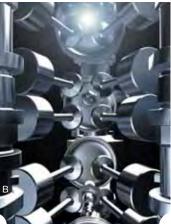
PERHAPS THE MOST VERSATILE OUTBOARDS ON THE WATER. There's a reason why the compact, lightweight F150 is our best-selling outboard. Actually there are a lot of reasons. Flats boats. Deck boats. Offshore boats. Pontoons. Deep-V hulls. The F150 is a perfect choice for so many boats, delivering the power and acceleration of a 150hp two-stroke—in a clean, quiet, fuel-efficient four stroke. If your boat calls for less horsepower, the F115 gives you outstanding performance and versatility, in a suitably lighter package.













F150 | F115

A. LESS ENGINE VIBRATION Twin Counter Balancer Shafts on the F150 minimize engine vibration for a smooth, pleasant boating experience.

THE UNIQUE 10MM OFFSET CRANKSHAFT on the F150 provides greater intake volume, and four Tuned Intake Tubes increase low- and mid-range torque, boosting acceleration.

B. GREATER POWER AND RELIABILITY The 16-Valve Double Overhead Cam not only maximizes power by using four valves per cylinder, but also eliminates rocker arms and their adjustments. Increased air supply and volumetric efficiency also increase performance.

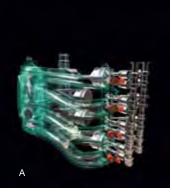
C. EXCEPTIONAL PERFORMANCE Electronic Fuel Injection is controlled by the ECM (Engine Control Module), continually adjusting the fuel/air mix to properly match engine load and speed.



# MIDRANGE | FOUR STROKE SERIES

THIS IS HOW YOU SPEND
A WHOLE DAY ON THE WATER.

THE GOOD LIFE IS AT YOUR FINGERTIPS. Fishing with your best friend. Skiing with the family. However you picture a perfect day on the water, having a smooth, quiet, clean-burning Yamaha midrange four stroke makes it a little more perfect. They're packed with power, yet compact, lightweight and fuelefficient. And while you're enjoying the day, enjoy effortless control, thanks to the optional Multi-Function Tiller Handle with our innovative VTS<sup>TM</sup> (Variable Trolling RPM Switch) on F50 through F90. Yamaha has mastered the Midrange.



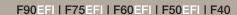










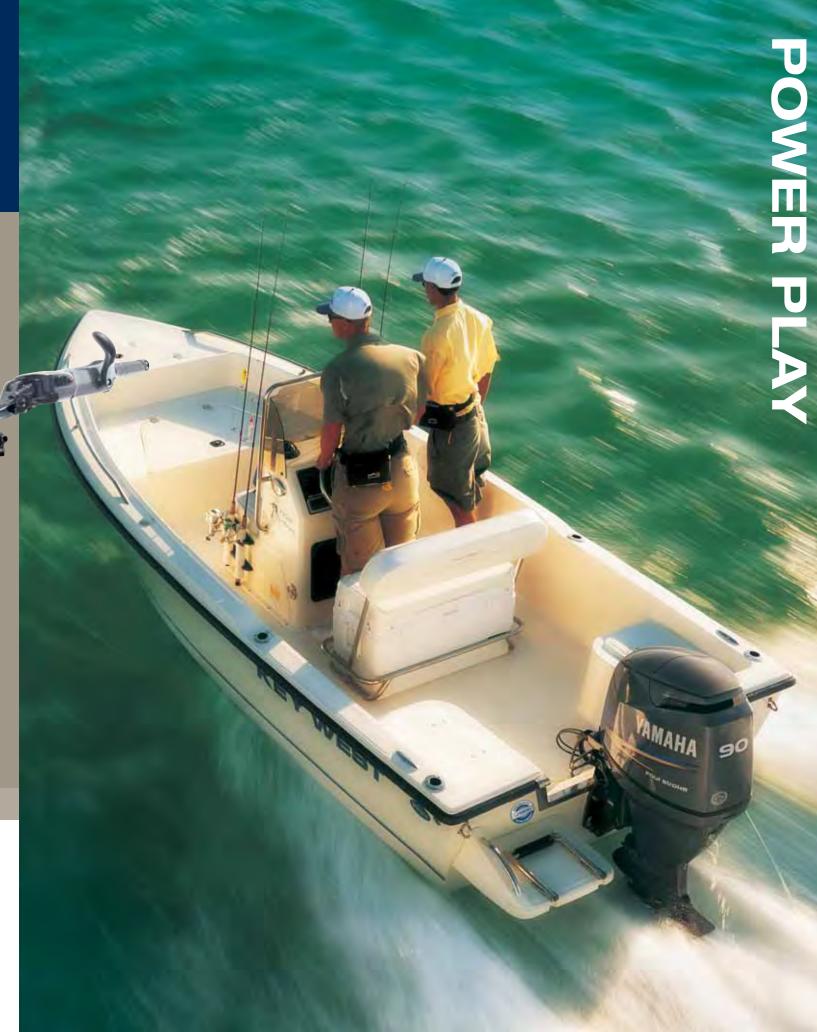


- A. GREATER RELIABILITY The Double Overhead Cam Design, on F75 and up, has fewer moving parts than a conventional single overhead cam, for added reliability, less maintenance.

  D. EFFORTLESS CONTROL The optional Multi-Function Tiller Handle puts control at your fingertips. Exclusive
- B. KEEP A FULL CHARGE, EVEN WHEN RUNNING MULTIPLE ELECTRONICS Your batteries are always charging when the engine is running. The High Output Alternator on F75/F90 models produces 8 amps at 550 rpm, 20 amps at 1,000 rpm, and a remarkable 25 amps at wide-open throttle.
- C. ACCELERATION, TOP-END SPEED AND FUEL ECONOMY Multi-Point Electronic Fuel Injection, standard on 50hp-90hp models, boosts Yamaha's smooth, quiet midrange performance into a class of its own.

D. EFFORTLESS CONTROL The optional Multi-Function Tiller Handle puts control at your fingertips. Exclusive VTS™ (Variable Trolling RPM Switch), on F50–F90, enables you to fine-tune and hold your trolling speed in 50-rpm increments.

\*THE YAMAHA F40 HAS EARNED A C.A.R.B. 3-STAR RATING Now every Yamaha midrange four stroke outboard carries the California Air Resources Board rating for ultra-low emissions.



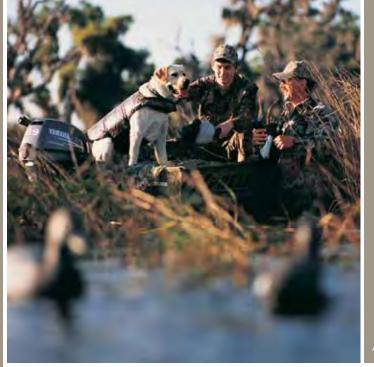
# F20 | F15 | New F9.9 | F8 | F6 | F4 | F2.5

# PORTABLES | FOUR STROKE SERIES

**BIG PERFORMANCE COMES IN SMALL PACKAGES.** 

YAMAHA

WHO SAYS YOU CAN'T HAVE IT ALL? You don't have to trade power and performance for portability. Reach for one of our portable four strokes. Besides being clean-burning, whisper-quiet and fuel-efficient, Yamaha Portables are quick and maneuverable. The perfect choice for powering inflatables, tenders, jon boats and other small craft. The new F9.9 is up to 12% lighter than previous comparable models—and now F6 through F20 models are C.A.R.B. three-star rated for ultra-low emissions.







A. CLEAN-BURNING COMFORT Yamaha's Blow-By Gas Returning System removes oil in the blow-by gas and returns it to the oil pan. Now all Yamaha Portables from the F6 to the F20 carry a C.A.R.B. 3-Star rating

for ultra low emissions.

YamahaOutboards.com Visit YamahaOutboards.com for performance data and more detailed specifications

- B. EASY TO CARRY, EASY TO MOUNT Convenience is standard equipment on Yamaha portable four strokes. Front and rear carry handles on most models give you a quick pick-me-up when you need it.
- C. POWERFUL PERFORMANCE IN A SMALL PACKAGE Most models are Single Overhead Cam (SOHC) for maximum power in minimum space.
- D. THE NEW F9.9 Lighter and more compact than ever, the new F9.9 has an enhanced 212cc aluminum block and new available propeller pitches, for smooth, reliable power and torque

Yamaha Portables from the F6 to the F20 carry a C.A.R.B. 3-star rating for ultra-low emissions.

# HIGH THRUST | FOUR STROKE SERIES

SOMETIMES GETTING THERE REQUIRES

A LITTLE EXTRA PUSH.

POWERING A HEAVY PONTOON OR SAILBOAT ISN'T ABOUT SPEED.

It's about muscle. Which is why we created the High Thrust outboard in the first place. Yamaha's pushy four strokes deliver twice the thrust of a comparable two stroke in the 2,000-3,000 rpm range—with better thrust, higher top-end speed and lower sound levels than the wanna-be's. The T50 and T60 have EFI for enhanced throttle response and power. And our dream-kicker T8 is now joined by the new T9.9, one of the smallest and lightest in its class.

# FOUR STROKE SERIES | JET DRIVES

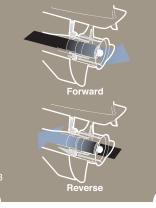
**SKINNY WATER. WHITEWATER RAPIDS. SANDBARS. SHOALS.** If they're calling your name, you need a Yamaha Jet Drive Four Stroke. There's no prop or gear case to worry about, so you can pursue your shallowest desires. The high-pressure jet nozzle is up to 50% quieter than a prop-driven two stroke outboard, and gives you up to 40% more fuel economy. You don't even need to tilt the motor for shore landings. Electronic fuel injection on 60hp to 115hp models boosts performance while earning them a C.A.R.B. 3-Star ultra-low emission rating.

ALL KINDS OF WATER.

ONE KIND OF OUTBOARD.





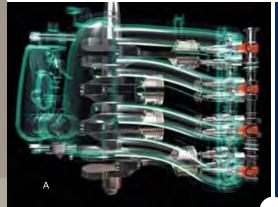












ı	JET POWER CON	VERSION GUIDE
	PROP SHAFT HP	JET PUMP HP
	115	80
	90	65
	60	40
	40	30



F115 EFI | F90 EFI | F60 EFI | F40

- A. VERSATILITY The large-diameter, low-pitch, Dual Thrust™ Propellers (optional on T50/T60, standard on T8/T9.9) are designed for Yamaha's High Thrust outboards. Add in the High Thrust's higher gear ratio, and you can see why these powerhouses are ideal for any application where you need an extra measure of muscle.
- B. MORE THRUST, BOTH FORWARD AND REVERSE Yamaha's Dual Thrust™ Propellers are designed to redirect the exhaust flow away, reducing ventilation while increasing thrust up to 70% in reverse and 60% in forward. On the T50 and T60, electronic fuel injection provides enhanced throttle response and power delivery.
- C. EASY, FINGERTIP CONTROL The optional Multi-Function Tiller Handle has exceptional shift lever ergonomics for easy shifting. The rubber throttle handle provides a better grip, with less rotation needed to go from idle to wide-open throttle (T50/T60).
- THE NEW T9.9 has been redesigned for compactness and ease of use. It's up to 12% lighter than the old T9.9.
- A. ENHANCED PERFORMANCE AND FUEL ECONOMY Multi-Port Precision Fuel Injection (F50-F115) uses four independent fuel injectors to deliver the precise amount of fuel to each cylinder.

  C. ADDED RELIABILITY In addition being able to take you where props simply can't go, Yamaha's simple, yet
- B. YAMAHA JET POWER equivalency to prop shaft horsepower is shown in the above chart. All models provide

  Yamaha's clean, quiet, fuel-efficient performance. All Yamaha Jet Drives are covered by a Three

Year Limited Warranty on the powerhead and a Two Year Limited Warranty on the jet pump for pleasure use.

amaha Jet Drives from the F40 to the F115 carry a C.A.R.B. 3-star rating for ultra-low emissions.

C. ADDED RELIABILITY In addition being able to take you where props simply can't go, Yamaha's simple, yet sophisticated jet drive design requires fewer moving parts. for an added measure of reliability.



4



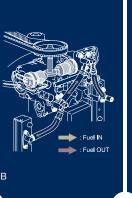
# VMAX® SERIES 2 | 3.3 LITER TWO STROKE OUTBOARD

REDEFINING HIGH PERFORMANCE
TWO STROKE POWER.

is the bad boy that's built for speed. Yamaha's powerful 3.3-liter big block with 1,000psi High Pressure Direct Injection delivers head-back hole shot and acceleration with long-range fuel economy, yet it's incredibly quiet. All the speed, performance and agility that made V MAX the choice of champions is here, infused with a whole new level of durability. And now you can hit the trail with the confidence of a new Three-Year Limited Warranty.











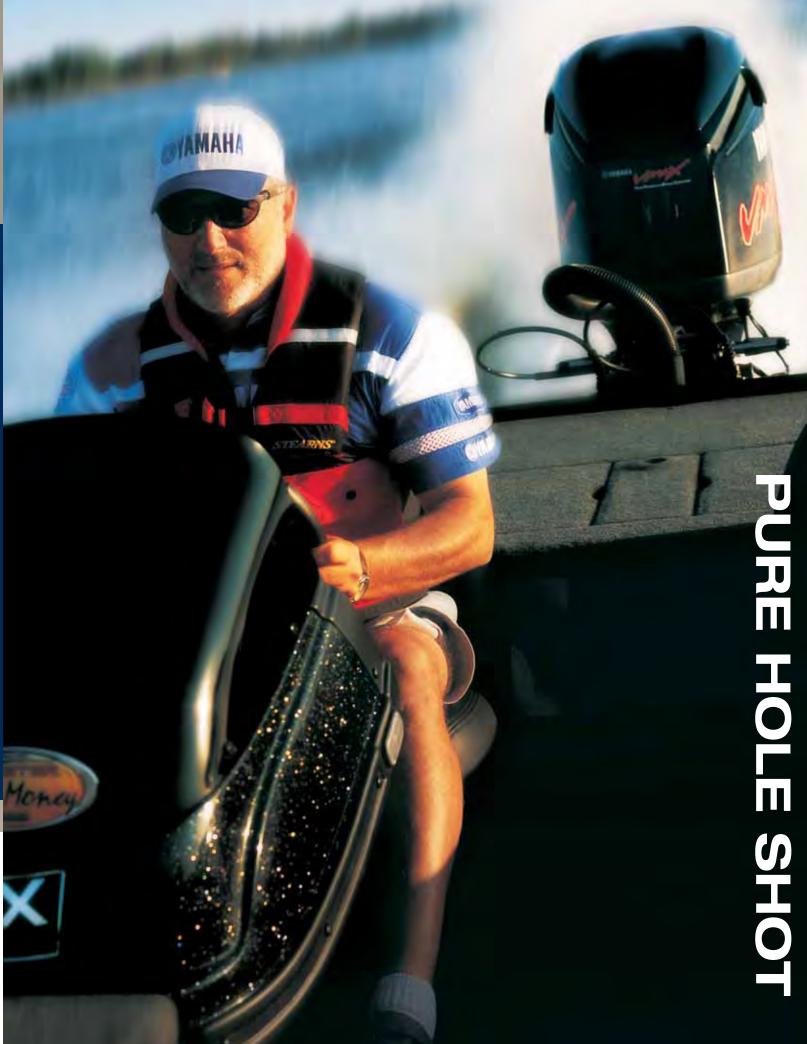


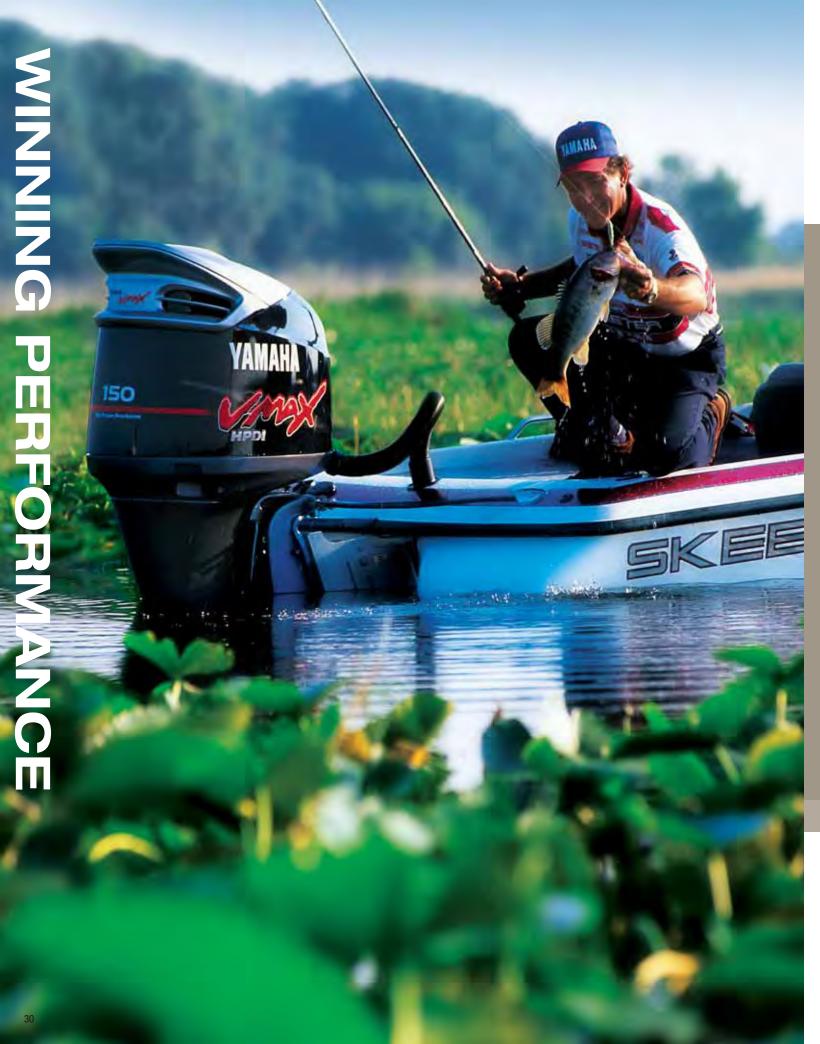
New 3003.3L | 2503.3L | 2253.3L | 2003.3L

- A. OUTSTANDING FUEL EFFICIENCY The Homogeneous Combustion Chamber Design optimizes the fuel/air mix, boosting power and fuel economy.

  D. GREATER COOLING EFFICIENCY Water Inlets on the 3.3-liter V MAX Series 2 are mounted low and
- **B. PERFORMANCE** Twin High-Speed Fuel Pumps pressurize fuel to an incredible 1,000psi, atomizing fuel to a degree never before achieved in an outboard motor. The result? Instant throttle response and smooth, fast performance—with higher fuel economy and lower emissions.
- **C. AWESOME ACCELERATION** The 3.3-liter 76° V-Block Powerhead provides the torque and acceleration to really move today's larger bass boats.
- D. GREATER COOLING EFFICIENCY Water Inlets on the 3.3-liter V MAX Series 2 are mounted low and forward for increased cooling efficiency and enhanced durability. VZ300 models have dual water inlets for even greater cooling capacity.

YamahaOutboards.com
Visit YamahaOutboards.com for performance data and more detailed specifications.





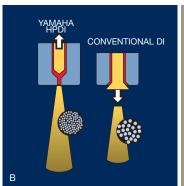
# VMAX° HPDI° SERIES

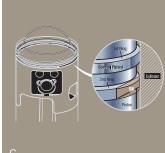
# THE PATH TO A WINNING CATCH IS OFTEN MEASURED IN SECONDS.

### 2.6 LITER TWO STROKE OUTBOARD

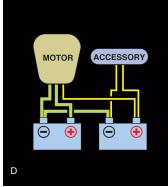
THE OUTBOARDS THAT INTRODUCED HPDI® have introduced many a pro to a lucrative payday. If your bass boat's not begging for a big block, the tournament-proven V MAX 2.6-liter 150hp and 175hp trail-burners are your answer. The 700psi High Pressure Direct Injection gets you out of the hole and to the next sweet spot in a heartbeat. You get long-range fuel efficiency, rugged durability, and the famed Ultimate Corrosion Protection System that protects every Yamaha outboard. But most of all, you get a V MAX.













1752.6L HPDI I 1502.6L HPDI

- A. FUEL EFFICIENCY The high-speed fuel pump delivers fuel at 700psi for greater atomization.
- B. V MAX PERFORMANCE Unique Internal-opening Fuel Injectors maximize fuel distribution for powerful performance.
- C. ENHANCED DURABILITY A special, ion-plated top piston ring ramps up V MAX durability, while the oil bypass groove on the bottom ring delivers the precise amount of oil to the top ring and upper cylinder.
- YamahaOutboards.com
  Visit YamahaOutboards.com for performance data and more detailed specifications.

- D. A FULL BATTERY CHARGE Multi-Charge Monitoring keeps both batteries charging whenever the engine is running, allowing a greater use of electronics.
- E. ULTIMATE CORROSION PROTECTION Yamaha's YDC-30 Alloy is only part of our industry-leading anti-corrosion system.

# RIGGING & ACCESSORIES | GENUINE YAMAHA

RIGGING AND ACCESSORIES, ENGINEERED FOR YAMAHA, BY YAMAHA. YOU DIDN'T COMPROMISE ON YOUR OUTBOARD. Why compromise the integrity of your boat's power system by using anything less than 100% Yamaha components? Go with genuine Yamaha rigging and accessories, and you'll know every detail, down to the last nut and bolt, is perfectly matched to your outboard. Designed to fit better, work better and wear better. Made of only the finest materials, to Yamaha's rigid quality control standards. And tested under the toughest conditions. That's pure, genuine Yamaha confidence.



Genuine Yamaha Single | Twin | Triple Controls

Genuine Yamaha Propellers

















GAUGES, CONTROLS, CABLES & SWITCHES When your entire chain of command is genuine Yamaha, you know it's designed to interface perfectly with your Yamaha outboard. Quality, advanced technology and reliability are always standard features.

YAMAHA PROPELLERS Your choice of propeller affects your engine's acceleration, top speed, fuel economy and handling. Only Yamaha can make propellers designed specifically to your Yamaha outboard's unique specifications.

OILS, LUBRICANTS AND CLEANERS Your authorized dealer has everything you need to keep your engine running smoothly and looking great. It's all specially formulated to the unique characteristics and specifications of your Yamaha outboard.





# POWERMATCHED™ | SYSTEM COMPONENTS

POWERMATCHED PUTS YOU IN CONTROL, RELIABILITY FROM STEM TO STERN.

A CHAIN IS ONLY AS GOOD AS ITS WEAKEST LINK. The same goes for your power system. Why buy one of the world's most reliable outboards and surround it with aftermarket parts from who-knows-where? The PowerMatched™ System is comprised of six vital power system components: your gauges, ignition switches, remote controls, wiring harnesses, fuel filter and control cables. Each designed, tested and built to work seamlessly with your Yamaha outboard. You'll be running Yamaha-reliable from stem to stern.

# The Six Yamaha Components for a Perfectly PowerMatched™ System













Analog or Digital Gauges

Ignition Switches

Single, Twin and Triple Controls

rnesses

Fuel Filters

Control Cable





TAKE COMMAND OF THE WATER WITH CONFIDENCE, knowing your boat's power system is 100% Yamaha. Everything from the key switch to the outboard is PowerMatched to your outboard power. There's no wondering if a component will fit. Or even giving a second thought to quality. These are the components designed and tested to work with your Yamaha outboard. Made with superior materials, corrosion protection and water resistance. It's true. Reliability Starts Here. And it's with you every minute you're on the water.



THE POWERMATCHED™ SYSTEM LIMITED WARRANTY brings added confidence, protecting your entire Yamaha power system with a warranty that matches that of your outboard: three years on all Yamaha Four Strokes and V MAX® 3.3L Series 2, two years on other Yamaha Two Strokes. The PowerMatched System Limited Warranty is available on all new boat/engine purchases and repowers that include all six PowerMatched System components, at authorized dealers nationwide. Yamaha technology. Yamaha quality. Yamaha reliability. That's the way to make your boating experience the best





INFORMATION IS KING, whether you're on land or far from it. With Command Link® Digital Gauges, all your system's vital information is right at your fingertips in one, highly advanced digital network. You'll have instant access to real-time updates on everything from engine functions, fuel management and oil information to trim levels, battery voltage, and even intervals between maintenance. With an optional Triducer,® you can monitor even more from speed to surface water temperature, and even depth.



You'll have more information, with fewer gauges. In amazing detail. You won't just know how much fuel is in your tank, you'll know how much you've used, how much you're burning, how many miles you're getting to a gallon—even gallons per hour—and estimated remaining fuel. What's more, you can customize each gauge to display the information any way you want it.

Instant. Accurate. Up-to-date. When you have the Command Link® Digital Information System, you know you're getting your information from a reliable source. Yamaha.



# COMMAND LINK® DIGITAL GAUGES

MORE INFORMATION, MORE CONTROL IT'S AS SIMPLE AS THAT.

PERFECTLY MATCHED INSTRUMENTATION. What a concept. But optimal accuracy and unflagging confidence are only the start. There's the added functionality Command Link® Digital Gauges give you, and the environmental information you can get when you add a Triducer.® And, of course, stylish good looks, in round or square configurations for the look you like. The clear, backlit LCD provides easy readability, day or night. It's the way to get more control at your command.

POWERMATCHED™ SYSTEM

**COMMAND LINK® DIGITAL GAUGES** 

Have more information at your fingertips than ever

Combination Speedometer/Fuel Management . . 6Y8-83500-01-00

Combination Speedometer/Fuel Management . . 6Y8-83500-11-00 Consult your Yamaha Marine Dealer's Outboard Rigging Guide for information on

Displays your information at the touch of a button.

6Y8-8350S-01-00

6Y8-8350F-01-00







Command Link®

Fuel Management



Command Link® Command Link® Command Link® Speedometer/Fuel Management Speedometer/Fuel Management







display speed, surface water temperature, and depth information directly on a Command Link speedometer. . 6Y8-83688-11-00

Connects directly into the Command Link system to

available Rigging Kits. See dealer for actual system pricing.

. 6Y8-83688-01-00

Fuel Management . . . . .

Surface mount only.

**ROUND STYLE GAUGES** 

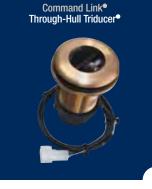
### Command Link® Digital Gauges

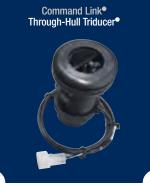














1. COMMAND LINK® PRESSURE SENSOR can be configured o measure boat speed via the pitot tube, engine cooling wate oressure, or both functions using two individual sensors.

Water Pressure Sensor Kit (F150-F250) 69J-8A4L0-10-00

2. TRIPLE ENGINE KEY SWITCH PANEL has been engineered

3. MULTI-HUB ASSEMBLY allows for quick addition of peripherals and gauges by connecting to the main BUS using color-coded and keyed connections.

CUSTOMIZED DISPLAY allows operators to select what they would like displayed, and in what order, from multiple combinations of information.

FINGERTIP CONTROL More information than ever before is just a touch of the finger away, on a crisp LCD readout. Monitor all systems, with alerts when a function needs your attention. And never second-guess accuracy, because Command Link® Digital Gauges are made to order for your Yamaha outboard.





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# ANALOG AND DIGITAL GAUGES | POWERMATCHED\*\* SYSTEM

### THE INFORMATION YOU NEED WHEN YOU NEED IT.

Whether you prefer the latest advanced digital multi-function technology or the simplicity of traditional analog gauges, you can choose from a full array of genuine Yamaha instrumentation. Gauges designed by Yamaha, for Yamaha. You'll have real-time system information that enables you to adjust your engine settings to current conditions to maximize performance and fuel efficiency. And with today's fuel costs, it's more important than ever to get maximum miles out of every gallon of gas.

PRO SERIES II™ ANALO	G GAUGES
TACHOMETER Black	
SPEEDOMETER (0-75) Black	
SPEEDOMETER (0–50) Black	
WATER TEMPERATURE* BlackWhite	
WATER PRESSURE*** Black	
TRIM GAUGE BlackWhite	
FUEL GAUGE Black White	
VOLTMETER	

6Y7-83503-00-00

. 6Y7-83503-10-00

White ..... 6Y7-83504-10-00

Black.....

HOUR METER



Pro Series II™

Pro Series II™

**Fuel Gauge** 



Pro Series II™

**Water Pressure** 

Pro Series II™











Pro Series II™

**Hour Meter** 



MULTIFUNCTION TACHOMETER Easy-to-read LCD digital readout displays: Engine rpm, trim angle, oil level (two stroke), oil pressure (four stroke), overheat warning, trip hours (resettable), total operating hours.

Multifunction
Fuel Management

or GPS input), fuel contamination warning, engine

Dual engine kit .....

synchronization (for dual engine applications). Includes

. 6Y5-8350T-90-00



warning, battery voltage with warning.

MULTIFUNCTION SPEEDOMETER LCD digital readout

displays: Speed, trip distance, time, fuel level, low-fuel

. 6Y5-83570-S5-00

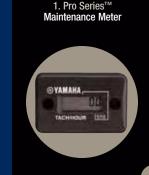


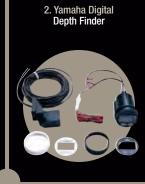
MULTIFUNCTION SPEEDOMETER/FUEL MANAGEMENT GAUGE Integrates both functions into one gauge. Ideal for dash panels with limited space or retrofit to older boats. Kit includes harness, senders.

.6Y5-W0088-70-00 

### **Multifunction Digital Gauges**







6Y5-W0088-54-00 6Y5-W0088-65-00

### 1. PRO SERIES™ MAINTENANCE METER exclusively for four stroke Yamaha outboards. Pre-programmed to alert operator for scheduled maintenance, first at 10 hours. and then every 100 hours thereafter

### ENG-METER-4C-02

2. YAMAHA DIGITAL DEPTH FINDER provides precise depth readings from 2 to 200 feet, with a 3-stage warning system for minimum and maximum depth Includes both black and white face bezels.

Consult your Yamaha Marine Dealer's Outboard Rigging Guide





### PRO SERIES™ ANALOG GAUGES (not shown)

TRIM METER	
2-wire sender (fits 2001 models and later)	.6Y5-83670-12-00
3-wire sender (fits 2000 models and earlier)	
WATER PRESSURE	

FUEL GAUGE ......6Y5-85750-10-00 WATER TEMPERATURE\* . . . . . . . . . 6Y5-83590-00-00 Temperature Sender Unit . . . . . . . **. . 688-83591-00-00** .6Y5-83540-05-00 with Oil Level Indicator . . . . . . without Oil Level Indicator .....6Y5-83540-14-00 .6Y5-83510-10-00 Displays 0-50 mph range .....

Displays 0–75 mph range . . . . . **6Y5-83510-00-00** 

VOLTMETER . . . . . . . . . . . . . . . . . . 6Y5-83503-00-00 **HOUR METER** Features LCD readout, records time engine **4-STROKE TACHOMETER** Includes overheat and low oil pressure 

for information on available Rigging Kits.

<sup>\*</sup>Requires sender 688-83591-00-00 \*\*Requires sender 688-83667-00-00

# REMOTE CONTROLS | POWERMATCHED™ SYSTEM

YOU HAVE THE OPEN WATER IN THE PALM OF YOUR HAND.

YAMAHA PUTS YOU IN CONTROL. These are the controls designed to work with your Yamaha outboard. Smooth operators in single, twin and triple engine configurations. The sleek, ergonomic design gives you one-handed operation of both shift and throttle, and a single, thumb-operated button trims all engines. Whether you're fishing the flats or conquering the sea, there's a rugged, reliable, genuine Yamaha Remote Control made to order for your outboard, your boat, and your style.







BINNACLE CONTROL SPACERS (not pictured) Designed to raise the 704 Binnacle Control to provide additional clearance for the lever in reverse and full-throttle positions.

. 704-48293-30-00 Fits Premium Twin Binnacle.... Fits Premium Single Binnacle. . . . 704-48293-20-00 Fits Standard Single Binnacle. . . . . 704-48293-00-00



### **6X5 PREMIUM TRIPLE BINNACLE CONTROL**

Unique 3-lever, T-handle design allows one-hand operation of both shift and throttle functions. A single thumb-operated button trims all engines, with individual trim buttons for added control.

Fits most triple engine applications . . . . . . . . 6X5-48207-01-00

### 704 PREMIUM TWIN BINNACLE CONTROL

Externally-adjustable throttle friction and exceptionally smooth operation. The thumb-operated trim/tilt switch and neutral-warm-up button are conveniently located on a handle accented with polished chrome

### 704 PREMIUM SINGLE BINNACLE CONTROL

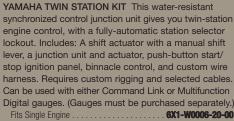
Streamlined appearance, with a thumb-operated trim/ tilt switch and neutral lock, and a button release for fast idling. Yamaha's advanced mechanism and ergonomic design provide smooth, comfortable control.

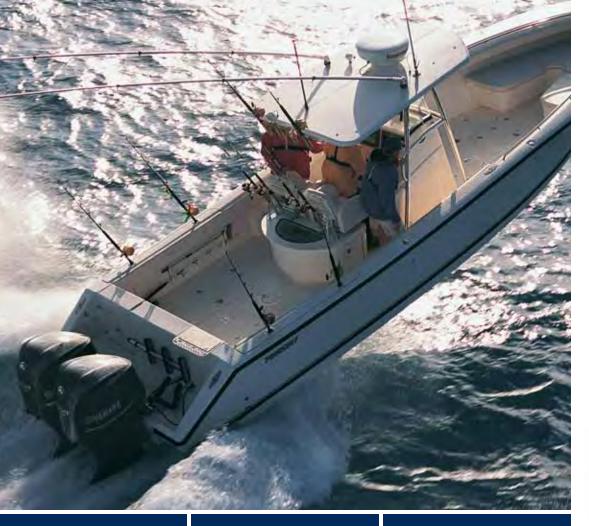
### 704 STANDARD SINGLE BINNACLE CONTROL

Yamaha's proven, reliable control mechanism, with our sleek, ergonomic handle. A workhorse work of art that makes trimming a breeze.

Fits most single engine applications . . . . . . . 704-48205-B1-00













**New Command Link Digital Electronic Controls** 

### **COMMAND LINK® MAIN STATION AND SECOND STATION SYSTEMS**

Command Link Digital Electronic Controls for F350 Single Engine with Second Station option ..... 6X6-48205-10-00 Twin Engine with Second Station option ..... 6Y6-48207-10-00 Triple Engine—2nd Station/Remote ECU . . . . . . . . . . 6X6-48208-20-00

	Second Station Command Link Controls for	F350
0	2nd Station—Single Engine	6X6-48205-20-0
0	2nd Station—Twin Engine	6X6-48207-20-0
0	2nd Station—Triple Engine/Remote ECU	6X6-48208-30-0
-		



COMMAND LINK® DIGITAL ELECTRONIC CONTROLS are required to manage all throttle and shift functions for Yamaha's breakthrough V8 F350 outboard. This new-generation control is available in a single-handle style for single-engine applications, dual-handle for twin-engine use, and dual-handle with an engine selector switch if you're running three F350's. By using the selector switch, you can configure three possible engine control combinations.



All feature a built-in redundancy system for added reliability. Twin and triple engine controls provide automatic engine synchronization and, because they're Command Link, adding a second station is a breeze. And since we're talking control, with Yamaha's Variable Trolling RPM, at the touch of a button, you can use the Command Link System to finetune the F350's engine speed between 600 and 1,000 rpm, for precision trolling.

Command Link Digital Electronic Controls were designed exclusively to harness the unprecedented four-stroke power of the V8 F350.

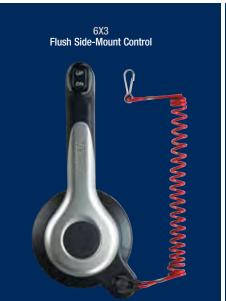


# CONTROLS/CABLES

### **POWERMATCHED™ RELIABILITY** RIGHT DOWN TO THE WIRE.

### POWERMATCHED™ SYSTEM

THE SMALLEST DETAIL MAKES A DIFFERENCE when it comes to controls and cabling. Yamaha's side-mount controls have externally adjustable throttle friction and an advanced internal mechanism to give you exceptionally smooth operation. Our Premier II™ control cables are engineered for superior strength, flexibility and corrosion resistance. They're designed to work flawlessly together, to give you the positive, reliable control you want when you're out on the water.







With integrated lanyard and stop switch, provides smooth, easy shifting.

. 6X3-8257B-00-00 Main Switch with Duplex Connector . . . . .

and push-button neutral warm-up.

Designed for electric-start Yamaha outboards, with a forward/reverse lever and a convenient fast-idle lever for quick warm-up.

Fits F/19.9 (2004 models and prior) <b>703-48240-13-10</b>
Fits 25
Fits most single engine applications

outboards. A single forward/reverse control lever and a separate fast-idle lever provide easy operation.

When determining the correct cable length for your application, be sure to add the distance from the center of the engine to the bilge area through the rigging tube, from that point to the gunnel (usually starboard) where the cables will run to the console, the length of the gunnel or rigging tube, and the distance from the gunnel to the console where the remote control box will be located—then add two feet. This extra distance will allow for any errors in measurement and ensure sufficient bend radius for smooth, easy shifting.

Length	 Part Number
4'-40'	 MAR-CABLE-XX-SC*

\*XX is the length in feet. Available lengths include 4' through 30' in foot-long increments (except 5'), and 32' through 40' in two-foot-long increments. For example, to order a Premier II cable 9' long, order MAR-CABLE-09-SC.

# **6X3 FLUSH SIDE-MOUNT CONTROL**

Fits most single engine applications . . . . 6X3-48206-01-00

### **6X0 FLUSH SIDE-MOUNT CONTROL**

Includes thumb-operated trim/tilt switch, neutral switch

Fits most single engine applications . . . . . . 6X0-48206-12-00

### 703 PREMIUM SIDE-MOUNT CONTROL

Fits F/T9.9 (2004 models and prior)	703-48240-13-10
Fits 25	703-48230-15-00
Fits most single engine applications	703-48207-17-00

### 701 STANDARD SIDE-MOUNT CONTROL

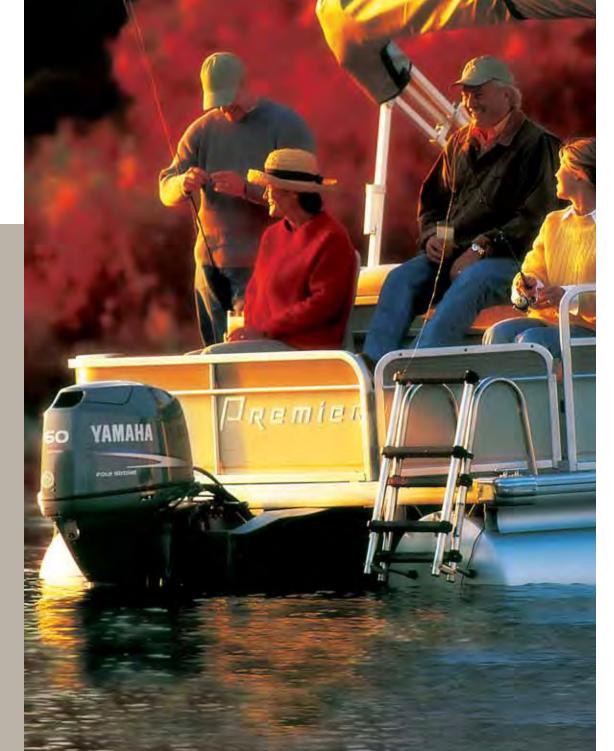
Designed specifically for most manual-start Yamaha

Fits 9.9, 25, 30	0		701-48101-51-0
Fits most late-	model manual-sta	art outboards	701-48130-02-0

### HOW TO ORDER CORRECT CABLE LENGTH

### PREMIER II™ REMOTE CONTROL CABLES

Length					 	 	 						,							ľ	a	rt	N	Ų	П	ıb	e	ľ
4'-40'														M	V	V	}-	•(	7	Ą	BL	E	3	X)	(-	S	C	k

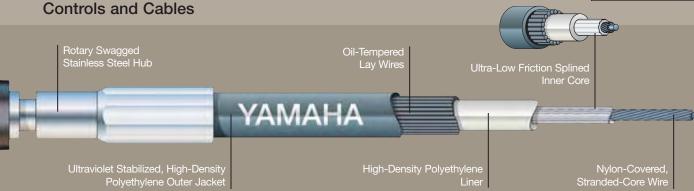




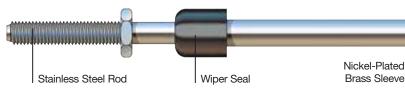
PREMIER II™ CABLES are a tough act to follow. Yamaha engineers designed them to provide smoother operation, more strength and less bend radius than ordinary cables. A unique "plastic-onplastic" construction and a splined inner core dramatically reduce friction and end play. The UV-stabilized jacket resists cracking for added water resistance and long life. And rigorous testing ensures that they meet our stringent tension standards.

Yamaha-reliable and exceedingly durable, Premier II™ cables meet or exceed all ABYC requirements for marine applications. Because they're matched to your Yamaha outboard, you know they are precisely dimensioned for a perfect fit. All in all, there are no control cables on the market remotely like them.

FEATURE:	BENEFIT:
Stainless Steel	Plastic on Plastic
Core with Special	Technology, Increased
Nylon Covering	Cable Performance
Splined Inner Core	Ultra-Low Friction, Reduced End Play
Cable Friction Reduced by 45% (vs. Standard Marine Cables)	Smoother Operation
4" Bend Minimum	Easier Rigging,
Radius	Superior Flexibility
Stranded Core Wires	Resists Kinking,
Stranded Gole Wiles	Increased Strength
Exposed Metals are	Corrosion
Stainless Steel	Protection
Ultraviolet-Stabilized	Resists Cracking and
Jacket	Water Migration to Core
Factory-Installed Anti- Corrosion Materials	Extended Life
Lengths from 4' to 40'	Wide Selection



Premier II™ Remote Control Cables



Swivel Seal

# IGNITION SWITCHES

### POWERMATCHED™ PEACE OF MIND RIGHT FROM THE START.

### POWERMATCHED™ SYSTEM

A FLIP OF THE WRIST AND YOUR OUTBOARD COMES ALIVE. Instant starts, in all kinds of weather. We call it Turn Key Reliability.™ Yamaha owners call it business as usual. And they'll tell you what a good feeling it is, whether you're cruising on a lazy inland lake or chasing down kingfish on the other side of the horizon. The peace of mind in your boat's power system starts where your engine does. With Yamaha-engineered ignition switches.

### **RIGGING HOSE**

High-quality hose is flexible, crush-resistant—with UV inhibitors for added protection. Black, Gray,

### or Metallic Blue.

25' — BLACK	ABB-RIGHS-BK-2
25' — GRAY	ABB-RIGHS-GY-2
25' — METALLIC BLUE	ABB-RIGHS-BE-2
50' — BLACK	ABB-RIGHS-BK-5
(TWO 25' ROLLS—PRICED PER ROLL)	
50' — GRAY	ABB-RIGHS-GY-5
TWO OF DOLLS DDICED DED DOLL)	

### TRANSOM FITTING FOR RIGGING HOSE

An easy install. Just thread the Rigging Hose onto the fitting. Requires no clamp, yet provides positive engagement. Use with Rigging Grommet (sold separately) for quick, easy rigging.

. MAR-THRUT-RS-M	 					 						
. ABA-THRUT-RA-SI												



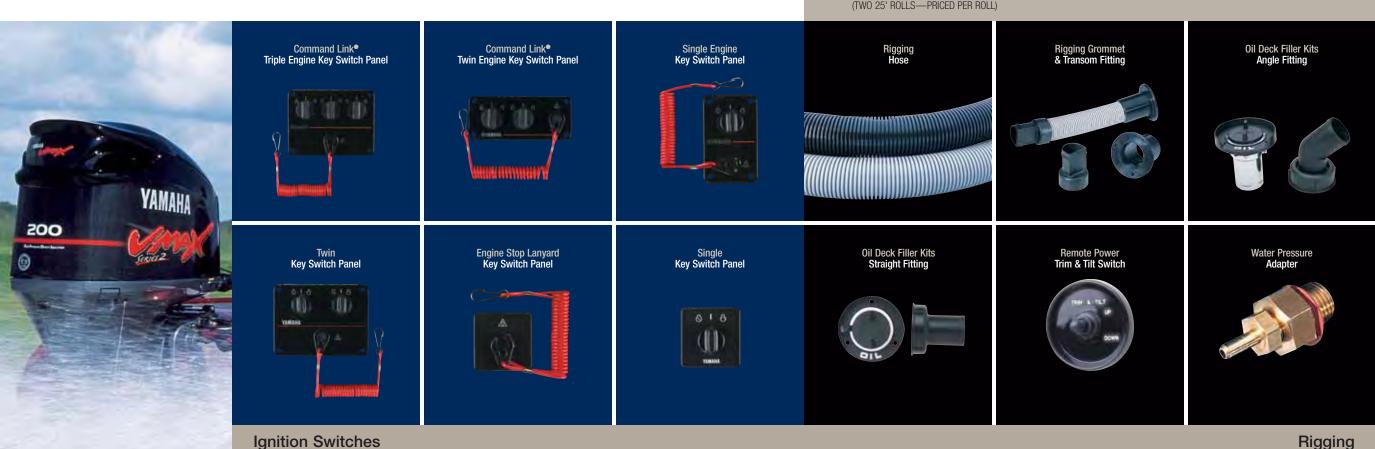
GET OFF TO A GOOD START when you reach for the key. Insist on genuine Yamaha ignition switches. We design and test them to work seamlessly with every Yamaha outboard, engineering them for maximum durability and reliability down to the last detail. We use only the finest materials and meticulous manufacturing. All connections are rubber coated or o-ring sealed to lock out corrosion. And, to ensure easy, accurate installation, wires and connections are color-coded.



Yamaha ignition switches are available in single-, twin- or triple-engine configurations, along with stop and combination switches—with mounting configurations to fit any engine need or personal preference.

Yamaha ignition switches. Your key to greater reliability, right from the start.

45



### TRIPLE ENGINE KEY SWITCH

Designed exclusively for Yamaha's Command Link Integrated Marine Information System. Features interchangeable keys and a single engine stop lanyard for added convenience. Compact size maximizes dash space, simplifies installation.

### .....6X5-82570-01-00

### **TWIN ENGINE KEY SWITCH**

Designed to work exclusively with Command Link. Interchangeable keys add convenience, and a single engine stop lanyard cuts clutter. Compact size maximizes dash space, simplifies installation.

### .....6Y8-82570-02-00

### **SINGLE MAIN SWITCH & STOP SWITCH ON PANEL**

Push main switch to choke. With choke switch and engine warning buzzer. For use with either Command Link or conventional Yamaha rigging.

......704-82570-08-00

### TWIN MAIN SWITCH WITH STOP SWITCH ON PANEL

Push main switch to choke. With choke and engine warning buzzer. For use with conventional Yamaha rigging only.

6K1-82570-08-00

### **ENGINE STOP LANYARD SWITCH ON PANEL**

For use with Duplex Connector for Main Switch.

### 

### SINGLE KEY SWITCH ON PANEL

Includes multi-connector to main harness, connectors for instrument harness, and engine stop lanyard switch.

With hullet connectors for generic

engine stop lanyard switch
With duplex connector for
Flush Side Mount Control

### **RIGGING GROMMET**

Choose the grommet for your engine. Simply thread the Rigging Grommet onto the Rigging Hose and thread the Transom Fitting (sold separately) onto the other end. Provides positive engagement without clamps.

FITS 115–250 TWO STROKE MAR-GROMM-ET-01
FITS F150
FITS F200–F250 MAR-GRMMT-LG-4S
FITS Z250, Z300 <b>MAR-GRMMT-Z2-50</b>
Replacement hardware for other '02 and later
model engines—used to affix the rigging hose.
Fastener (not shown)
Clip (not shown)

### **OIL DECK FILLER KITS**

### **REMOTE POWER TRIM & TILT SWITCH**

Place trim/tilt functions right where you want them. Connects easily to main harness using the leads provided.

### 

### **WATER PRESSURE ADAPTER**

Provides a water-jacket tap with a hose barb, to adapt aftermarket pressure gauges which use a 1/8' ID (3/16' OD) hose.

..... MAR-WPRES-AD-TR



SO EFFECTIVE, ITS DESIGN IS PATENTED. Our 10-Micron High Performance Fuel/Water Separating Filter is specifically engineered for use with the on-engine filters in all Yamaha EFI, HPDI® and carbureted outboards. When you've got so much riding on the performance of your fuel filter, it's good to know you've got one so effective, it's patented.



This new-generation fuel filter delivers a high-performance flow rate of 90 gphand an astounding 95% nominal efficiency at 10 microns. It's even more astounding when you realize that a 10-micron particle is not even visible to the naked eye. Add to this a larger filtering surface than most other filters on the market and, hands down, a Yamaha 10-micron fuel filter is the one you want on your outboard.

Our mini-10<sup>™</sup> fuel filter is designed for boats running a maximum of 115hp, delivering the same outstanding level of protection in a smaller size for easy installation.

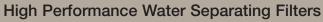
All Yamaha fuel filters meet or exceed US Coast Guard and ABYC® standards, and are backed by Yamaha's warranty, technical support, and authorized dealers nationwide.

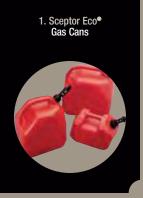
# FUEL FILTERS | POWERMATCHED™ SYSTEM

### FOCUS ON THAT TROPHY FISH, DON'T SWEAT THE SMALL STUFF.

FUEL FOR THOUGHT. When you consider the vital role your fuel filter plays in your engine's performance, reliability and long life, do you really want to gamble on a knock-off? No one knows what it takes to protect your engine better than the people who designed it. Yamaha's advanced 10-Micron Fuel Filters provide protection that's light years ahead in filter quality and technology. Some may tell you there's no difference. But your engine knows.



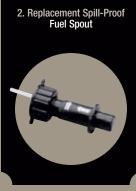




1. SCEPTOR ECO® GAS CANS Rustproof, unbreakable,

2. REPLACEMENT SPILL-PROOF FUEL SPOUT Re

non-corroding, with spill-proof spout that automatically shuts off when tank is full. UL listed. Meets C.A.R.B. requirements



MAR-CARBC-FC-SP







.6YK-24201-01-XX .6YL-24201-01-XX

**4. RATIO RITE** Just what you need to measure accurate amounts of oil for pre-mix applications. Calibrated in cc's,

your old gas can spouts with Sceptor's patented "Spill-Proof Spout." Self-venting spout is designed to automatically shut off when the gas tank reaches capacity.







Fuel/Water

AHAMAY

FUEL FILTER

Spin-On Filter Only . . . . . . . . . . . . MAR-MINIF-IL-TR **FUEL FILTER** Assembly includes aluminum mounting head, spin-on element, metal bowl, and water sensor probe. Requires Yamaha Multifunction Fuel Management Gauge for water detection indication — see page 39.

10-MICRON FUEL/WATER SEPARATING FILTER

Highly recommended for all two stroke and four stroke

EFI outboards and two stroke HPDIs. Also excellent for

onboard filters and injectors. Large filtering and water

Spin-On Filter Only . . . . . . . . . . . . . . . . . MAR-FUELF-IL-TR

A "mini" version of our highly-acclaimed 10-Micron Filter. Highly recommended for all outboards up to and including 115hp, especially EFI models. Available with aluminum head only, as an assembly, or screw-on filter alone.

MAR-SEPAR-AT-OR

capture areas maximize filtration while maintaining

adequate flow rate for larger engines.

MINI-10™ 10-MICRON FUEL FILTER

Assembly with Stainless Steel Head . . . . Assembly with Aluminum Head . . . . . .

carbureted engines. New, improved 10-micron filter

provides superior filtration ahead of the engine's

60 GPH Assembly .... MAR-24560-00-00 90 GPH Assembly ..... MAR-24590-00-00 MAR-24563-00-00 MAR-10171-20-00







# PROPELLERS | GENUINE YAMAHA

# YOUR OUTBOARD'S PERFORMANCE REVOLVES AROUND YOUR PROPELLER.

WHAT GOES AROUND, COMES AROUND. Your choice of propeller makes a huge difference in your outboard's acceleration, top-end speed, handling—even its fuel efficiency. Only Yamaha has access to the proprietary information that can produce a prop designed to perfectly match your engine's unique specifications. Proper fit. The right materials. Exhaustive testing. Be sure of it, with a genuine Yamaha propeller.



### **NEW SALTWATER SERIES XL™**

Designed exclusively for the new V8 F350, Saltwater Series XL<sup>™</sup> propellers are the largest, strongest propellers Yamaha has ever made. With 21% more blade area than our Saltwater Series II<sup>™</sup> propellers. they provide large offshore boats with incredible power to plane, acceleration and top speed. Available in five pitch sizes, and rightor left-hand rotation.

### **SALTWATER SERIES II™**

The ultimate choice for today's larger offshore boats, our Saltwater Series II features highly polished stainless steel and a large diameter. Its steep rake and added blade cup help deliver superior midrange fuel efficiency and significantly reduce ventilation. For offshore fishermen, this translates into improved cruising range and better handling in rough water. The Saltwater Series II is available in four pitch sizes from 17" to 21" (23" in original Saltwater Series) in matching right- and left-hand rotation for single or twin engines and is intended for V6 engines from 225 to 300hp.

### RELIANCE® SERIES

For excellent performance on engines up to 300hp, count on Yamaha's new Reliance Series. The innovative blade design delivers more speed at all rpms, excellent anti-cavitation and better grip to boost bow lift and top-end speed, when compared to our Black Steel design. Overall handling and turning is also significantly enhanced.

### V MAX® SERIES

For max muscle on bass, flats, and other lighter-weight, high-speed boats, nothing beats our V MAX Series. It delivers superior handling and "grip," while at the same providing greater acceleration, improved bow lift and higher top-end speed than either the Pro Series™ or Performance XL Series™





VMAX® Series Propeller





### Genuine Yamaha Propellers



1. Number of Blades



- 1. NUMBER OF BLADES Three blades or four? In most applications, three blades provide good performance. In rough water, or with high engine-mounting heights such as flats boats, you may want to go with a four-blade propeller.
- 2. WEEDLESS If you like the shallows, you'll love this prop. The blades are specially shaped and negatively raked to reduce the chance of weed buildup around the hub. These are standard on a number of small Yamaha outboards, and available for 25hp and 30hp models.





THE RIGHT PROPELLER is the difference between night and day. Your prop needs to be matched not only to your specific engine, but also to your style of boating. Offshore fishermen need a prop that reduces ventilation, for better handling in rough water. Bass chasing requires lightning-quick acceleration and blistering top-end. A pontoon or heavy sailboat calls for high thrust. Since you probably use your boat for varying activities, it's not uncommon to have a different prop for each use.



We're obsessive about designing the perfect prop for every Yamaha outboard. To convert the power and torque of the new F350 into massive thrust, we've created the new Saltwater Series XL, the strongest, largest-diameter Yamaha prop yet. With 21% more surface area than our largest Saltwater Series II propeller, these stainless-steel dynamos push large offshore boats with commanding authority, providing exceptional acceleration, cruising and topspeed characteristics, while maximizing fuel efficiency. They're available in both right- and left-hand rotation, in pitches from 17" to 25".

You want all the performance your outboard has to give. See your Yamaha dealer, and you'll see your prop in a whole new light.

ALL PROPELLERS ARE NOT CREATED EQUAL. In addition to fit, material and workmanship, every design detail of a prop puts a different spin on performance.

SIZE. Expressed in two numbers. For example "14x17" indicates a 14" diameter and 17" pitch.

PITCH. The distance the prop would travel in one revolution, without slippage—typically between 5 and 35 inches. A shallow angle produces a low pitch, which creates greater low-speed pulling power and acceleration, but limited top end. A sharp angle produces high pitch, boosting top-end but reducing low-end performance.



DIAMETER. Varies by application.

Larger-diameter props can push more water to handle heavier loads, but require more horsepower. Generally, as pitch increases, diameter decreases.

**CUP.** The small curved lip on the blade tip and trailing edge that produces a better bite, reducing ventilation and slippage.

RAKE. The angle of the blades in relation to the centerline of the hub. High rake boosts speed, bow lift and holding power at high speeds in rough water, but requires significant horsepower to be effective. A high degree of rake results in excellent performance when designed correctly, but can have adverse effects when applied incorrectly.



# PROPELLERS | GENUINE YAMAHA

HAVING A YAMAHA PROPELLER
IS A MOVING EXPERIENCE.

HOW PERFORMANCE SHAPES UP is directly related to the design of your propeller. Yamaha has put monumental research into creating propellers for every Yamaha outboard, every marine environment, and every application under the sun. Steel. Aluminum. Plastic. Three blades. Four blades. They all have their place and their unique purpose. Choosing the right prop will have a major impact on your boating experience. And the right prop is as close as your Yamaha dealer.

### **PRO SERIES™**

A popular choice for single-engine, high-speed boats that require "bow lift" and a high engine-mount. The Pro Series features a high rake, progressive pitch and aggressive cupping for excellent midrange and top-end performance. It's available in 3 pitches in the 70 to 130hp range, and in four pitches for the 150 to 200hp V6s.

### **PERFORMANCE XL SERIES™**

Another series for the bass boater, the Performance XL Series is similar to the Pro Series, but features larger, thicker blades and a stronger hub for better performance in specific high-horsepower applications. It's available in three pitches, right-hand rotation only, for 3.3L 200 to 300hp V MAX engines.

### **BLACK STEEL SERIES**

An excellent general-purpose choice. Steel construction allows for a blade that is thinner, more efficient and more durable than an aluminum propeller. Available in right-and left-hand rotation for twin-engine boats.

### **ALUMINUM SERIES**

Lighter weight and lower cost make an aluminum propeller a popular choice. It's important to remember that Yamaha aluminum propellers provide better performance with your Yamaha outboard. An aluminum prop also makes an excellent choice as a spare, in the event your primary prop becomes damaged.

### PERFORMANCE 3- OR 4-BLADE

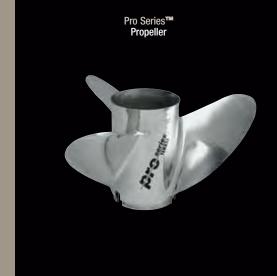
When the Black Steel Series doesn't agree with the application, but the Pro and Reliance Series don't agree with your budget, the Performance Series is the perfect choice. These polished steel propellers are generally more aggressive than the Black Steel Series, and a bit less aggressive than the Pro or Reliance. Be sure to adjust your pitch accordingly. Available in 3- or 4-blade and right- and left-hand rotation.

### **SMALL HUB SERIES**

A highly specialized propeller designed for specific applications using 70hp–200hp engines. Features a smaller, "exhaust-over-the-hub" design, allowing the engine to develop rpm quicker in hole-shot situations.

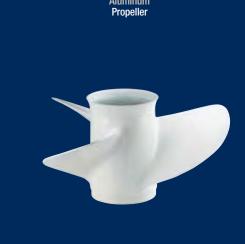
### **DUAL THRUST™ SERIES**

Yamaha's Dual Thrust propeller is the answer for heavy loads such as sailboats and pontoons. There's even a High-Thrust™ with a large diameter and low pitch (11 x 14), designed especially for use with the Yamaha T60 on a pontoon boat.





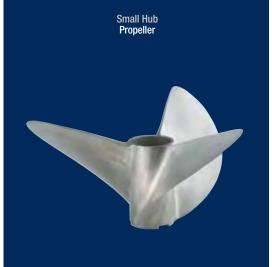








**Performance Series** 





### **Genuine Yamaha Propellers**







2. Propeller Bag/Cover



3. Prop Wrench

- 1. DUAL THRUST™ SERIES Need an extra measure of muscle? We've got the solution. Yamaha's Dual Thrust propellers are specifically designed for pushing sailboats and other high-displacement craft. The unique, patented propeller design directs the exhaust flow away from the blades, reducing ventilation so your blades are cutting through "clean water" for high efficiency and better acceleration. The result: Up to 70% more thrust in reverse and 60% in forward.
- OUTBOARD PROPELLER BAG/COVER Made of 100% waterproof, closed-cell foam, this
  bag is also mildew-resistant. Use as a storage bag to carry a spare prop.

MAR-PROPB-AG-BK

3. PROP WRENCH Designed to fit the dimensions of your Yamaha V4 and V6 outboard prop nut.

Has a 9/16-inch square opening on the reverse side to open garboard drain plugs.

MAR-PROPW-RN-CH

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GETTING THE MOST OUT OF YOUR YAMAHA OUTBOARD can depend a lot on what you put into it. Especially when we're talking about the lubricants and additives needed to protect it, help it to perform at its best and maximize its life.

The marine environment is as tough as they come. Punishing. Demanding. Unforgiving. The engineers that designed your outboard know what it takes to elicit every ounce of high performance from it, while smoothing the way for years of Yamaha reliability. Yamalube® and our complete line of lubricants and additives are carefully formulated to precise Yamaha marine outboard specifications. Each formulation is tested not only in the lab, but on the waterwhere it counts.



Four stroke outboard performance is hitting new highs, making it today's choice for watersports power. Yamalube® 4-M FC-W<sup>®</sup> is comprised of a deliberate balance of anti-wear additives, polymers, corrosion inhibitors, detergents, dispersants and viscosity index improvers. This is the protection your engine needs for cold starts, engine-punishing acceleration, or hours of trolling. This is marine engine protection at its finest.

How do you get the most from your outboard? Use the formulations designed by Yamaha, for Yamaha.



# YAMALUBE® LUBRICANTS

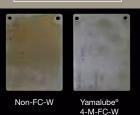
HOW TO PROTECT YOUR LOVED ONES RIGHT FROM THE START.

NEW 20W-40 YAMALUBE® 4-M FC-W® gives your engine all the superior protection of Yamaha's 4-M marine four-stroke formulation, in a 20-40 weight viscosity for improved performance in hot-weather applications. For Yamaha's high-performance two-stroke outboards, use Yamalube® 2-M engine oil. We know Yamaha engines, and have developed oils and lubricants optimized for them under all kinds of conditions. For better lubrication and better marine protection, you'd better go with Yamaha.

## **BETTER FOR YOUR**

Yamalube® 4-M FC-W® is the engine oil designed by Yamaha specifically for Yamaha four stroke engines. A superior formulation that surpasses the factory requirements. Yamalube® 4-M FC-W® is engineered to provide dependable, longlife protection while enabling your engine to deliver easier starts and high performance.

Saltwater Spray Test



### BETTER MARINE PROTECTION

The trend today is to four stroke outboards, with power and performance that rivals their two stroke counterparts. While many have the displacement of high-performance auto engines, the marine

environment offers special challenges. Premium lubricity is critical when you're operating under high loads, extended full-throttle operation, and salt air. Yamalube® 4-M is FC-W® certified, the NMMA® (National Marine Manufacturers Association) performance standard created especially for four stroke marine engines.

### BETTER LUBRICATION

You need it. And you get it with Yamalube® 4-M FC-W.® More anti-wear additives than passenger car motor oils, for better bearing protection. Polymers that resist breaking down even under the severe conditions outboards face every day. Superior rust and corrosion inhibitors. The highest amount of detergents and dispersants, to keep your engine clean inside. Superior lubrication even in cold water under low-speed trolling conditions. Yamalube® 4-M FC-W® is simply better all-around.

# New Yamalube® 4-M FC-W® 20W-40 Four Stroke Oil





Yamalube 4-M FC-W





Yamalube® 2-M FC-W® Two Stroke Oil



# **Outboard Gearcase New Marine Gearcase** Lube HD **G**ERRCASE ERRORS UNE NO

GENUINE SERVICE PRODUCTS CATALOG Ask your Yamaha dealer to see our "Genuine Service Products Catalog," with our full line of exceptional performance additives, lubricants, adhesives, and other products for all of your maintenance and shop needs. see dealer . . . . . . . . . LIT-10080-GS-08



### **NEW YAMALUBE® 4-M 20W-40 FOUR STROKE ENGINE OIL**

Yamalube® 4-M FC-W® is now available in 20W-40 for improved performance in hot weather conditions.

1 qt. Bottle (Qty. 12*)	ACC-Y4M20-40-12
1 gal. Bottle (Qty. 4*)	ACC-Y4M20-40-04
5 gal. Pail (Qty. 1)	ACC-Y4M20-40-05
55 gal Drum (Oty 1)	ACC-Y4M20-40-55

### YAMALUBE® 4-M 10W-30 FOUR STROKE **ENGINE OIL**

1 qt. Bottle (Qty. 12*)								ACC-Y4M10-30-12
1 gal. Bottle (Qty. 4*)								ACC-Y4M10-30-04
5 gal. Pail (Qty. 1)								ACC-Y4M10-30-05
55 gal. Drum (Qty. 1)								ACC-Y4M10-30-55

### YAMALUBE® 2-M TWO STROKE ENGINE OIL

The NMMA® TC-W3® approved oil specifically formulated for Yamaha engines. A special blend of additives protects against ring stick, corrosion, varnish and wear.

1 pt. Bottle (Qty. 24)	ACC-Y2MTC-W3-24
32 oz. Bottle (Qty. 12*)	ACC-Y2MTC-W3-12
1 gal. Bottle (Qty. 4*)	ACC-Y2MTC-W3-04
2.5 gal. Bottle (Qty. 2*)	ACC-Y2MTC-W3-02
55 gal. Drum (Otv. 1)	ACC-Y2MTC-W3-55

### **GEARCASE LUBE**

Specially formulated for lubrication under high loads, and includes special rust and corrosion inhibitors.

32 oz. Bottle (Qty. 12\*)..... ACC-GEARL-UB-QT . ACC-GEARL-UB-GL 1 gal. Bottle (Qty. 6\*) . . . . . . . . . . . . .

### **NEW MARINE GEARCASE LUBE HD**

Special GL-5 formulation required for use in F350 gearcases (not for use in any other Yamaha outboard). 1 qt. Bottle (Qty. 12\*) . . . . . . . . . . ACC-GLUBE-HD-QT

### **FUEL STABILIZER AND CONDITIONER**

Critical for proper winterization and during extended storage periods. Use regularly to help keep fuel system clean. 

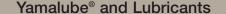
32 oz. Bottle (Qty. 12\*) . . . . . . . . . . **ACC-FUELC-ND-32** 

\*Dealer order pack quantities shown — available individually from your dealer.

For more information and our complete line of Genuine Yamaha oils, lubricants and care products, please visit us at



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# CARE PRODUCTS | LUBRICANTS | CLEANERS | POLISHES

### THE SECRET TO A GOOD, LONG ENGINE LIFE.

PROTECT YOUR OUTBOARD INVESTMENT with the care—and the care products—recommended by Yamaha. Your dealer offers a full line of products designed expressly to clean, protect, maintain and beautify your Yamaha outboard. Every last one is carefully formulated from the highest-quality ingredients, to uncompromising standards. That's the way to keep your Yamaha engine performing and looking great for years to come.





**EXTERNAL ENGINE CLEANER** 

**HIGH TECH FABRIC GUARD** 

silk and leathers including suede.

This powerful engine degreaser/cleaner is harsh

15 oz. Aerosol Can (Qty. 12\*) . . . . . ACC-ENGCL-NR-00

Protects fabrics in the harshest environments, yet

safe enough to use on the finest fabrics like wool,

on grime and easy on plastics, rubber and

### RING FREE™ FUEL ADDITIVE

Keeps internal engine components clean and running smoothly. Removes carbon and varnish on everything from pistons, piston rings, valves and combustion chambers to intake manifolds and fuel injectors. Removes deposits that cause ring wear.

12-oz. Bottle (Qty. 12\*) . . . . . . . . **ACC-RNGFR-12-00** 1-qt. Bottle (Qty. 12\*) . . . . . . . . . **ACC-RNGFR-32-00** 

### BOESHIELD T-9° PROTECTANT & LUBRICANT

Penetrates, lubricates, displaces moisture and helps loosen corroded parts. Leaves a thin, waxy film that protects for months.

12 oz. Can (Qty. 12\*)..... **ACC-T9SPR-AY-00** 

### BATTERY TERMINAL CLEANER & PROTECTOR

Removes corrosive buildup on battery terminal posts to help increase power output and extend battery life. Leaves a protective film.

12 oz. Can (Qty. 12\*) . . . . . . . . . ACC-BATTC-LN-PR

**SILICONE SPRAY PROTECTANT & LUBRICANT** General-purpose lubricant helps protect against rust and corrosion.

### STOR-RITE ENGINE FOGGING OIL

Lubricates and protects internal engine components. Critical for proper winterization and during extended storage periods.

### **COMBUSTION CHAMBER CLEANER**

Use to remove carbon and contaminants from cylinder, piston, rings, etc.

. ACC-CMBSN-CL-NR 13 oz. Can (Qty. 12\*).....

\*Dealer order pack quantities shown—available individually from your dealer.



Boeshield T-9® **Protectant & Lubricant** 



Stor-Rite

**Engine Fogging Oil** 

Battery Terminal Cleaner & Protector



**Combustion Chamber** 

**External Engine** 



High Tech



Sticker On™/Sticker Off™ Application/Removal Fluid



16 oz. Trigger Spray (Qty. 12\*) . . . . ACC-FABRC-GA-RD STICKER-ON™

metal surfaces.

Application fluid that allows you to slide the sticker into place so it sticks where you want it.

2 oz. Bottle (Qty. 6\*) . . . . . . . . . . . **ACC-STICK-ON-11** 

### STICKER-OFF™

Helps to remove stubborn sticker residue left behind on your valuable paint, plastics, and metals.

2 oz. Bottle (Qty. 6\*)..... **ACC-STICK-0F-11** 

### MARINE GREASE

Withstands extreme temperatures and corrosive effects of saltwater with excellent adhesion.

14 oz. Cartridge (Qty. 10\*) . . . . . . ACC-GREAS-14-CT

### **CONTACT CLEANER**

Dries quickly and leaves no residue.

12 oz. Can (Qty. 12\*) . . . . . . . . . ACC-CNTCT-CL-NR

### SPRAY POLISH

Quickly restore a lustrous shine to paint, chrome, glass and smooth plastic surfaces.

14 oz. Can (Qty. 12\*) . . . . . . . . . . **ACC-SPRAY-PL-SH** 

\*Dealer order pack quantities shown—available individually from your dealer.



Care Products | Engine Cleaners | Polishes







Marine Grease





Spray Polish



1. Multipurpose Quart Pump



1. MULTIPURPOSE QUART PUMP Universal, quart-size container pump. Fits standard oil container with a 11/8" neck. A marine lower unit fitting and all-purpose fitting are also included.

2. 5-GALLON PUMP Use with 5-gallon pail of gearcase lube. A marine lower unit fitting and all-purpose fitting are also included. . LUB-PUMPO-05-GL

3. MULTIPURPOSE GALLON PUMP Universal style gallon-size container pump. Fits standard oil containers with a 1½" neck. A marine lower unit fitting also included.

4. POUR SPOUT For use with 1 and  $2\frac{1}{2}$  gallon Yamalube containers. 



3. Multipurpose Gallon Pump





4. Pour Spout

# SPECIFICATIONS | YAMAHA OUTBOARDS

										FOUR	STRO	OKES														STRC I DRI										TWO	STRC	OKES							
	NEW		(NEW)														(IEW)	NEW										Ī	2 <b>EW</b>	NEW C	2 (EW)		NEW 2												
	F350	F250	F225 SPORT MODEL	F225	F200	F150	F115	F90	F75	T60 HIGH THRUST	F60	T50 HIGH THRUST	F50	F40	F20	F15	T9.9 HIGH THRUST	F9.9	T8 HIGH THRUST	F8	9	Ĺ	դ Հ		F115 JET DRIVE (80 hp)	F90 JET DRIVE (65 hp)	F60 JET DRIVE (40 hp)	F40 JET DRIVE (30 hp)	300 3.3L V MAX® SERIES	250 3.3L V MAX® SERIES	225 3.3L V MAX® SERIES	200 2.6L HPDI®	200 3.3L V MAX® SERIES 2	175 2.6L V MAX® HPDI®	150 2.6L V MAX®	150 2.6L V MAX® HPDI®	150 2.6L	115	06	70	50	25	15	6.6	ω
Engine Type	V8 (60°)	V6 (60°)	V6 (60°)	V6 (60°)	V6 (60°)	4 cyl.	4 cyl.	4 cyl.	4 cyl.	4 cyl.	4 cyl.	4 cyl.	4 cyl.	3 cyl.	2 cyl.	2 cyl.	2 cyl.	2 cyl.	2 cyl.	2 cyl.	2 cyl.	1 (	cyl 1 cy	l. 4	cyl. 4 d	cyl. 4	4 cyl.	3 cyl.	V6 (76°)	V6 (76°)	V6 (76°)	V6 (76°)	V6 (76°)	V6 (76°)	V6 (76°)	V6 (76°)	V6 (90°)		3 cyl.	3 cyl.	3 cyl.	2 cyl.	2 cyl.	2 cyl.	2 cyl.
Displacement	(5330 cc)		(3352 cc)	(3352 cc)	(3352 cc)					60.8 ci ) (996 cc)												6.7 (112	ci 4.4 cc) (72	ci 10 cc) (17	6.2 ci 97 41 cc) (159	ci 60 6 cc) (99	0.8 ci 4 96 cc) (7	45.6 ci 747 cc) (	(3342 cc)	(3342 cc)	(3342 cc)	158.4 ci (2596 cc) 2.6L	(3342 cc)	(2596 cc)	(2596 cc)	(2596 cc)	158.4 ci (2596 cc) 2.6L	105.5 ci (1730 cc)	69.6 ci (1140 cc)	51.8 ci (849 cc)	42.6 ci (698 cc)	24.1 ci (395 cc)	15.0 ci (246 cc)	15.0 ci (246 cc)	10.1 ci (165 cc)
RPM Range	5000- 6000		5000- 6000		5000- 6000					5000- 6000										5000- 6000			00- 5250 00 575		000- 500 0000 60		5000- 5 5000					4500- 5500											4500- 5500		4500- 5500
Alternator Output @ W.O.T.	50A	46A	46A	45A	45A	35A	25A	25A	25A	17A	17A	17A	17A	15A ***	10A ***	10A ***	6A	6A ***	6A	6A ***	6A ***	N.	A. N.A	. 2	25A 25	5A	17A	15A ***	50A	50A	50A	45A	50A	45A	25A	45A	25A	20A	10A	6A	6A	6A ***	6A ***	6A ***	***
Compression Ratio	9.6:1	9.9:1	9.9:1	9.9:1	9.9:1	9.0:1	9.7:1	9.6:1	9.6:1	9.5:1	9.5:1	9.5:1	9.5:1	9.9:1	9.3:1	9.3:1	9.5:1	9.5:1	8.8:1	8.8:1	8.8:1	8.4	l:1 9.0:	1 9	).7:1 9.6	6:1 9	9.5:1	9.9:1	6.2:1	6.0:1		Cyl 1-4 6.3:1 Cyl 5-6 6.0:1		Cyl 1-4 6.7:1 Cyl 5-6 6.4:1		Cyl 1-4 6.7:1 Cyl 5-6 6.4:1	6.2:1	6.5:1	Cyl 1 5.76:1 Cyl 2 5.67:1 Cyl 3 5.86:1	6.1:1	6.0:1	7.2:1	6.8:1	6.8:1	7.0:1
Fuel/Induction System	Fuel Inj.									SOHC Fuel Inj.				SOHC	SOHC	SOHC	SOHC	SOHC	SOHC	SOHC	SOHC	OH	IV OH	_	OHC DO el Inj. Fue							HPDI Loop Charged	Loop	Loop	Loop	Loop		Loop	CARB. Loop Charged	Loop		Loop	CARB. Loop Charged	CARB. Loop Charged	CARB. Cross Flow
Lubrication	Wet Sump	Wet Sump	Wet Sump	Wet Sump	Wet Sump	Wet Sump	Wet Sump	Wet Sump	Wet Sump	Wet Sump	Wet Sump	Wet Sump	Wet Sump	Wet Sump	Wet Sump	Wet Sump	Wet Sump	Wet Sump	Wet Sump	Wet Sump	Wet Sump	Spla	ash Spla		Wet W ump Su	et ' mp S	Wet Sump					Precision Blend										100:1 Premix	100:1 Premix		100:1 Premix
Ignition System	Micro		TCI Micro Computer							TCI Micro r Computer										CDI Micro Computer		TO	CI TCI	N	TCI To Nicro Mi nputer Com	cro N	Micro										CDI Micro Computer	CDI	CDI Micro Computer	Micro	CDI	CDI	CDI	CDI	CDI
Starting System	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Manual or Electric				Manual or Electric	Electric	Manual	Manual	Mar	nual Manu	al Ele	ectric Elec	ctric El		anual or Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Electric	Manual or Electric	Manual	Manual	Manual
Shaft Length		25 in. 30 in.	20 in.	25 in.	25 in.		20 in. 25 in.		20 in.	20 in.	20 in.	20 in.	20 in.	20 in.						15 in. 20 in.		15 20	in. 15 i in.		Fits Fi 5 in. 25				20 in.	20 in.	20 in.	25 in.	20 in.	20 in.	20 in.	20 in.	25 in.	20 in.	20 in.	20 in.	20 in.	15 in.	15 in.	15 in.	15 in.
Gear Ratio										12:28 (2.33)												(2.0	27 13:2 08) (2.0 I,R F,N	3)	N.A. N.	A. I	N.A.	N.A.				14:26 (1.86)													
C.A.R.B. Rating										ннн 3-Star									3-Star	ннн 3-Star NEW	3-Star		н ны tar 2-St		інн ні -Star 3-S		-Star 3									нн 2-Star									
Weight*										248 lb (113 kg)															15 lb 390 39 kg) (177																				

<sup>\*</sup> Weight refers to shortest shaft length available. Weight includes propeller where standard.
\*\* F2.5–F20 and 8–25 come standard with an aluminum propeller.

Due to Yamaha's ongoing commitment to product improvement, we reserve the right to change without notice, equipment, materials or specifications. Your Yamaha Dealer is the best source for up-to-date product information.

Read and follow the operation and maintenance guidelines provided by Yamaha in your Owner's Manual. Always observe all applicable boating laws. Never drink and drive. Dress properly with a USCG-approved personal flotation device and protective gear.





Behind every outboard we make stands one of the most comprehensive warranty coverages available. Yamaha two stroke outboards feature a two-year limited warranty for pleasure use. Yamaha four stroke outboards and two stroke VMAX® Series 2 HPDI® outboards come standard with a three-year limited warranty for pleasure use. A two-year limited warranty applies to all jet pump assemblies for pleasure use.





<sup>\*\*\*</sup>Consult your dealer for optional equipment.

F = forward, N = neutral, R = reverse

All DOHC engines have 4 valves per cylinder. "CARB." is used to indicate a carbureted engine

<sup>&</sup>quot;C.A.R.B." is used to indicate California Air Resources Board

# STANDARDS & OPTIONS | YAMAHA OUTBOARDS

The suppose su										F	DUR S	TRO	ŒS									4-	STROKE	JET DF	RIVES						Т	wo s	STRO	KES						
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LEGEND

Is available with or without

o Optional Equipment

s Standard Features

\*One-year limited commercial use warranty
\*\*Two-year limited warranty on jet pump assembly

### WINNING STARTS HERE. YAMAHA.



It's a simple truth. If you want to run with the best, just take a look at what the best are running. Year after year, Yamaha pros have what it takes to take home the trophies. FOUR Bassmaster® Classic championships in the last 6 years. And a boatload of major FLW Tour,® SKA and IFA redfish and kingfish tournament wins. It takes power, performance, reliability and innovative technology. In a word, Yamaha.



Be sure to check with your local dealer about tournaments and owner events.

