



MERCURY
'1 On The Water'



MERCURY
ENERTIA

PROPELLERS

THE BEST | THE MOST | THE ONLY



800-MERCURY
mercurymarine.com

EXPERIENCE

TECHNOLOGY

QUALITY

EXPERTISE

**IT'S SIMPLE.
NO ONE DOES IT BETTER.
NO ONE OFFERS MORE.**



When it comes to propeller performance and selection, no one comes close to Mercury. That's because for over 60 years, we've been conceiving, designing and creating technology solely for the water. It's how we've developed more industry-leading innovations and why we offer a broader selection of high-quality aluminum and stainless steel propellers than any other manufacturer.

In fact, our dedication and commitment to be the best is unparalleled in the industry. That's because the innovative thinking behind every outboard and sterndrive we build is the same thinking that goes into the design and production of the world's best marine propellers. So no matter what power you run, there's a Mercury propeller that will help you make the most of your time on the water.



“GOING TO EXTREMES” IS JUST THE BEGINNING.

As the experts in marine propulsion, we're never satisfied. That's why from design through production, we're continuously subjecting our propellers to the rigors of real-world abuse. Drowning them in saltwater. Beating them with logs. Running them for days on end. If something's not right, we fix it. Then we start all over again. These meticulous testing methods have led to some of the industry's most innovative advancements: Mercalloy™, our exclusive patented family of alloys, is designed to ensure maximum design life, performance and strength in our aluminum propellers as well as the engine driveshaft housings of Verado®, and our X7™ alloy is four times more durable than conventional stainless steel.



OUR REVOLUTIONARY X7 ALLOY SHATTERS THE RULES.

- 30 percent stronger than conventional stainless steel
- Four times more durable than conventional stainless steel
- Allows prop designs that are impossible with conventional stainless steel
- Patent-pending, so no other manufacturer has access to the exclusive X7 formula



TRUSTED BY THE BEST.

The world's top fishing tournaments rely on the unparalleled performance of Mercury Propellers®.



“Enertia™ props hold my boat up much better at slower speeds where the Mirage® 21 will fall off. Holeshots are way more aggressive. The props aren't as affected by weight so I can run a larger load and still get good fuel economy. And my top-end speed increased by 2 mph!”

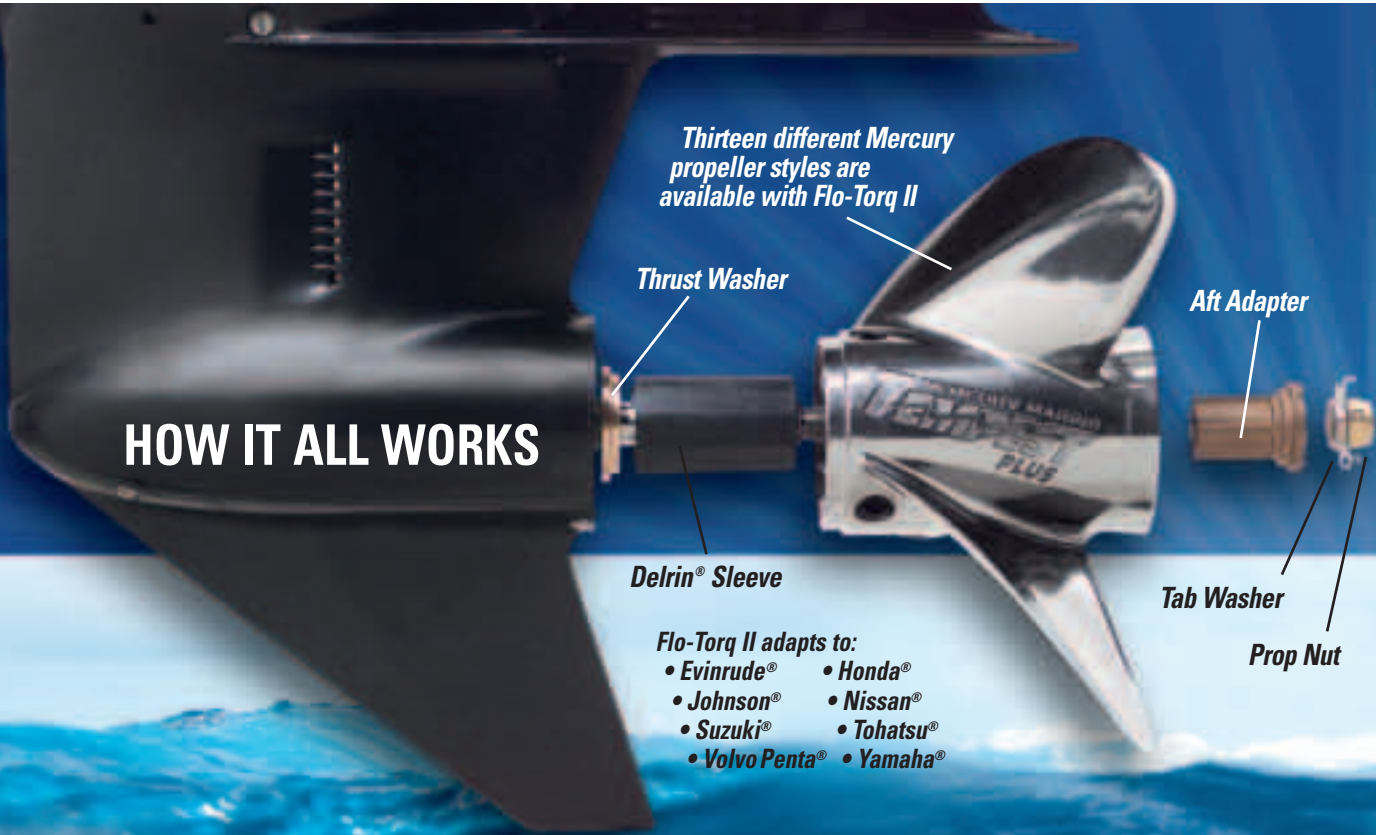
– **Capt. Steven P. Lamp**
Professional Saltwater Angler and Guide



PROTECT YOUR INVESTMENT WITH FLO-TORQ II.

HOW IT ALL WORKS

When it comes to propeller technology, only Mercury knows what it takes to make the best prop and prop systems. That's because Mercury has a long, rich heritage of designing and building the best marine engines and drives available anywhere. It is this knowledge and experience that has led us to create the Flo-Torq® II. To put it simply, with the Flo-Torq II system, Mercury Propellers are compatible with and can increase the performance of almost all marine engines. But that's only the beginning. Because it is specially designed to resist slippage, yet still flex during engine shifting, the Flo-Torq II cushions and protects the drivetrain from most impacts. Plus, just like all Mercury® engines, the Flo-Torq II system also provides unmatched corrosion protection – giving you peace of mind and the freedom to make the most of your time on the water. With 13 models to choose from, there's a Mercury propeller that's just right for you and your engine.



Flo-Torq II adapts to:

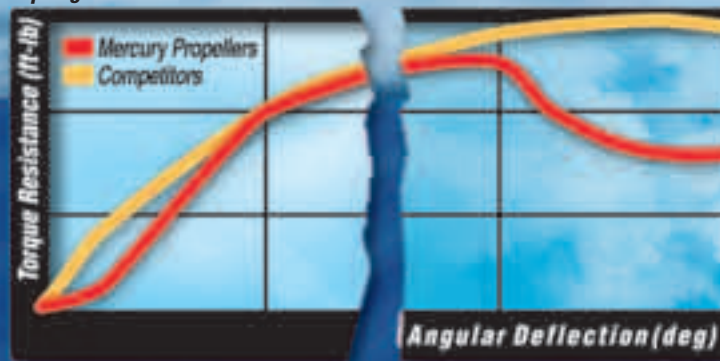
- Evinrude®
- Johnson®
- Suzuki®
- Volvo Penta®
- Honda®
- Nissan®
- Tohatsu®
- Yamaha®

Prop Sleeve

At the heart of the Flo-Torq II System, Mercury uses brass and Delrin – an advanced, noncorrosive plastic from DuPont® – that virtually eliminate any opportunity for hub corrosion. In comparison, competitor systems use brass, aluminum and plastic components – resulting in a higher probability that the parts will corrode and fuse together. Thus making propeller replacement almost impossible.



Spring rate curves charts



Shift Shock

The Flo-Torq II System is more flexible than competitive hub systems and thus minimizes stress on the engine, engine drive and propeller when the engine is shifted into gear.

Breakaway

When large underwater obstructions are encountered, the Delrin sleeve of the Flo-Torq II System is designed to "break away" following impact, ensuring that damage to the engine, engine drive and propeller is kept to a minimum. Better yet, the sleeve can easily be replaced by you! Competing hub systems take longer to break away after impact, increasing the risk of major damage to both the engine and drive.



WITH PVS, NOW YOU CAN GET MERCURY PERFORMANCE, MERCURY POWER AND MERCURY ACCELERATION – NO MATTER WHAT ENGINE YOU RUN.

The Performance Vent System® (PVS®) is an EXCLUSIVE Mercury innovation that allows you to “custom tune” the venting of your propeller blades – giving you the power to optimize the acceleration and cruising performance of any engine. For example, when you accelerate, exhaust is drawn out of the vent hole. When the next prop blade strikes this aerated water, it pushes through much easier than it would in solid water – causing engine rpm to increase more rapidly. Once you’re on plane, the water flowing over the vent holes seals the exhaust, allowing the propeller to again run in solid, nonaerated water. Just by varying the size of the exhaust hole and controlling your engine’s rpm, you can eliminate sluggish performance or compensate for changes in load and altitude. It’s technology that you can only get with Mercury Propellers.



PROBLEM:
Boat is sluggish getting on plane.
SOLUTION:
By using a large vent and allowing more air through, your engine’s rpm get up to speed faster, and your boat levels off quicker.



PROBLEM:
Too much ventilation is slowing you down.
SOLUTION:
By sealing off the vent hole completely, your prop can now get the solid water it needs to propel through the water, thus optimizing performance and fuel efficiency.



PROBLEM:
Change in altitude or pulling heavier loads.
SOLUTION:
By experimenting, you can find the right amount of ventilation that produces maximum prop performance – no matter the altitude, load or temperature.

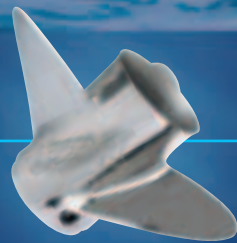


ALUMINUM OR STEEL?

EACH HAS ITS OWN SET OF ADVANTAGES. SO THE QUESTION REALLY IS, HOW DO YOU PLAN TO USE YOUR PROPELLER?

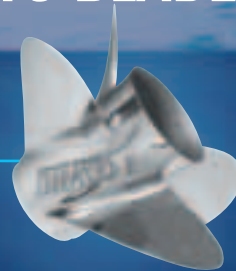
By far, the most popular material used for boat propellers today is aluminum. It's strong, easily repaired and is very resistant to corrosion. But stainless steel is nearly five times stronger. In fact, it's the strongest and most durable of all materials used for propellers. That means it's more resistant to the types of nicks and dings that normally plague aluminum propellers. It also means that stainless steel blades can be made thinner, for greater efficiency. Not surprisingly, stainless steel is far more resistant to corrosion than aluminum – although it can cause corrosion to nearby aluminum surfaces in saltwater if good anodic protection is not used. Also, while aluminum propellers are not designed for specific boat types, stainless steel blades are highly targeted – allowing you to choose exactly the performance you desire. So if you're looking for quicker acceleration, superior top speed or greater overall efficiency, you should consider a stainless steel propeller.

TRYING TO DECIDE ON A 3-BLADE, 4-BLADE OR 5-BLADE?



THREE-BLADE PROPELLERS

- Most widely used propeller
- Holds power well in smooth conditions
- Highest top-end speed
- Good all-around performance



FOUR-BLADE PROPELLERS

- Faster planing
- Keeps your boat in place at lower speeds
- Improved mid-range speed at same rpm as three-blade
- Better low-speed handling
- Runs smoother than three-blades



FIVE-BLADE PROPELLERS

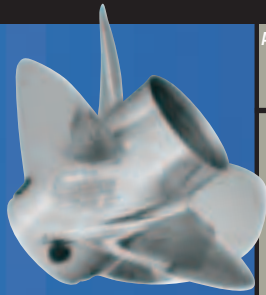
- Best holeshot acceleration
- Ultra-smooth operation
- Our fastest-planing prop

Ask your Mercury dealer which prop is right for your boat or visit us online to find your perfect prop. mercmarinepropellers.com

REVOLUTION 4®

Power, speed and lift. With a Revolution 4 strapped on to your V-6 outboard or sterndrive sport boat, that's exactly what you get. Its four large stainless steel design brings incredible traction, mind-blowing acceleration with amazing holding and top speed. Open up the throttle and go. Fast.

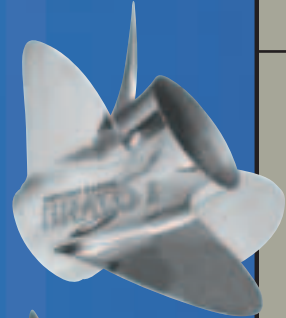
- For V-6 outboards and Alpha, Bravo One and TRS sterndrives
- Improved mid-range speed
- R/H and L/H rotation (17" – 23" pitch)
- PVS-equipped



BRAVO I®

Chances are if you have a huge-horsepower, high-performance boat, there's a Mercury Bravo 1 propeller driving it. That's because nothing else delivers like the four-blade stainless steel design of the Bravo 1. Adding increased speed, better acceleration and amazing, overall top-end performance, this prop leaves all others in its wake and is why more boat companies strap the Bravo 1 on their boats.

- For high-horsepower, high-drive height outboards and sterndrives
- Excellent speed and handling. Perfect for stepped hulls and cats
- Available with 1 1/4" hub kit for Bravo XZ and XR sterndrives
- R/H and L/H rotation (22" – 36" pitch)



HIGHFIVE®

Whether you're pulling skiers or hauling it to your favorite fishing hole, the HighFive propeller unleashes the ultimate in holeshot. Its five-blade stainless steel design pulls strong and smooth, even in rough water. Plus, it offers great bow lift and handling. That's why more weekend boaters and water-skiers demand the power of the HighFive.

- For outboards over 75 hp and Alpha, Bravo One and TRS sterndrives
- Effortless pulling power
- Smooth acceleration (17" – 26" pitch)
- PVS-equipped



BRAVO TWO®/three- and four-blade

When you need enhanced mid- to top-range performance, the three-blade and four-blade Bravo Two propellers step up to the plate. A large blade area provides maximum thrust, and their beefy design gives you better maneuverability and excellent holding in turns.

- Three-blade prop available in aluminum or stainless steel
- Four-blade prop available in stainless steel
- Perfect complement to the Bravo Two sterndrive
- R/H and L/H rotation
(11" – 25" three-blade pitch/18" – 22" four-blade pitch)



MAXIMUS®

Take the lead with the new Mercury Maximus. The five-blade performance propeller for high-horsepowered MerCruiser® and Mercury Racing® XZ/XR Bravo One sterndrives. Limited pitch range available starting spring 2003.

- For high-horsepower, high-drive height outboards and sterndrives
- Excellent planing and top speeds for heavy, vee-bottom hulls
- Standard with 1 1/4" hub kit for Sport Master and Bravo XZ/XR sterndrive
- R/H and L/H rotation (26" – 36" pitch)
- PVS-equipped



OUTBOARD										STERNDRIVE						
ALUMINUM	SKI BOAT	BASS BOAT	FLATS BOAT	WALLEYE BOAT	OFFSHORE SINGLE	OFFSHORE DUAL	SPORT BOAT SINGLE	SPORT BOAT DUAL		SKI BOAT	SPORT BOAT SINGLE	SPORT BOAT DUAL	FAMILY CRUISER	PONTOON	HOUSEBOAT OUTBOARD OR STERNDRIVE	WORKBOAT OUTBOARD OR STERNDRIVE
				✓	✓	✓		✓			✓	✓		✓	✓	
											✓	✓				
✓	✓	✓	✓	✓						✓	✓					
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THE RIGHT PROPELLERS, THE EXACT PARTS.

YOUR AUTHORIZED MERCURY DEALER HAS EVERYTHING YOU NEED TO MAKE THE MOST OF YOUR TIME ON THE WATER.

We know the right propeller is the difference between the perfect holeshot and a sluggish boat. That's why Mercury offers a large selection of propellers, plus a full line of performance parts and accessories, designed to fit any marine application.

Before you buy a propeller, talk to your dealer about the one that fits your needs best.

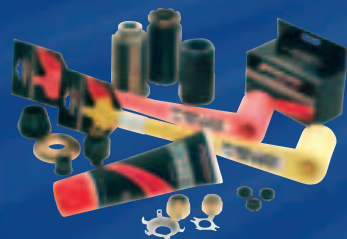
STILL NOT SURE WHICH MERCURY PROPELLER IS RIGHT FOR YOU?

Try them all with the Mercury Propeller Online Selector and Demo Prop Program.

MERCURY DEMO PROP PROGRAM

A great way to "try before you buy." Visit mercurymarine.com. Choose "Dealer Locator." Then select "Demo Propellers" and enter your zip code to find the nearest participating Mercury Demo Prop Dealer.

From prop wrenches to prop nuts, Mercury has the parts and accessories to keep your prop, engine and boat running at peak performance.



Find your perfect prop at mercmarinepropellers.com

Remember: Life Vests Float. You Don't. 800-MERCURY mercurymarine.com

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