

The Mercury Racing logo is positioned at the top center. It features the word "MERCURY" in a small, white, sans-serif font above the word "RACING" in a larger, white, italicized sans-serif font. A stylized white "R" with a horizontal line through it is placed to the left of "RACING".

**MERCURY**  
**RACING**

The text "R-SERIES" is contained within a white rectangular box with rounded corners. The "R" is red, and "SERIES" is black.

**R-SERIES**

The word "OUTBOARDS" is written in a large, white, bold, sans-serif font, centered horizontally. It is partially overlaid by a red diagonal stripe that runs from the top left to the bottom right of the image.

**OUTBOARDS**



*Twin Cold Fusion White 450R outboards with custom accent panels and graphics on 33-foot DCB M33R*



# WIDE OPEN

IN A WORLD OF LIMITS, CHOOSE FREEDOM

Mercury Racing® is committed to the pursuit of Wide Open™. More than a function of throttle position, Wide Open is an expression of our core philosophy. We recognize no boundaries and accept no compromise. Where others perceive a barrier, we see an opportunity. We create premium marine power to take you faster and farther. We give you control to shatter expectations. The world offers limits. Mercury Racing offers freedom.

|                       |    |
|-----------------------|----|
| R-SERIES V8 . . . . . | 13 |
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Quad Cold Fusion White 450R outboards with custom accent panels and graphics on 45-foot Nor-Tech 450 Sport







# WE NEVER SETTLE

The world too often rewards sensibility and moderation. At Mercury Racing we choose to think bigger and go faster. We are obsessed with the determined pursuit of the next innovation, the discovery of a new solution, with shattering the next record. We are a select team. We are racers. We think hard and get our hands dirty. Because we respect your passion, we build our products with precision and handcrafted care. Because power is useless if it's not reliable, we test relentlessly.



MATT BLECHL / ENGINE ASSEMBLER

TODAY WE BUILD THE WORLD'S BEST MARINE ENGINES,  
TOMORROW WE'LL MAKE THEM EVEN BETTER.

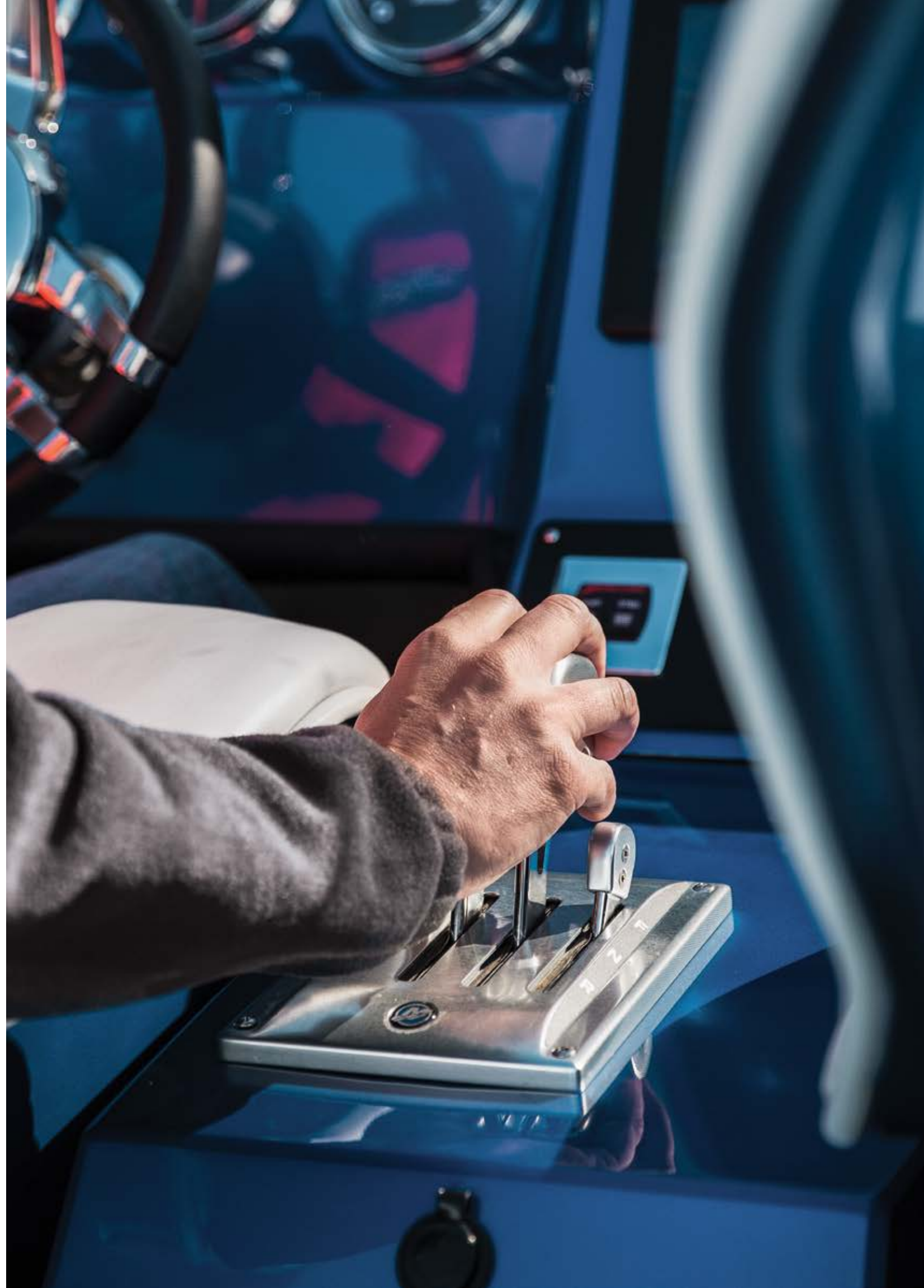






*Phantom Black 250R outboard with custom accent panels and graphics on 21-foot Allison XB-21 BasSport Pro*

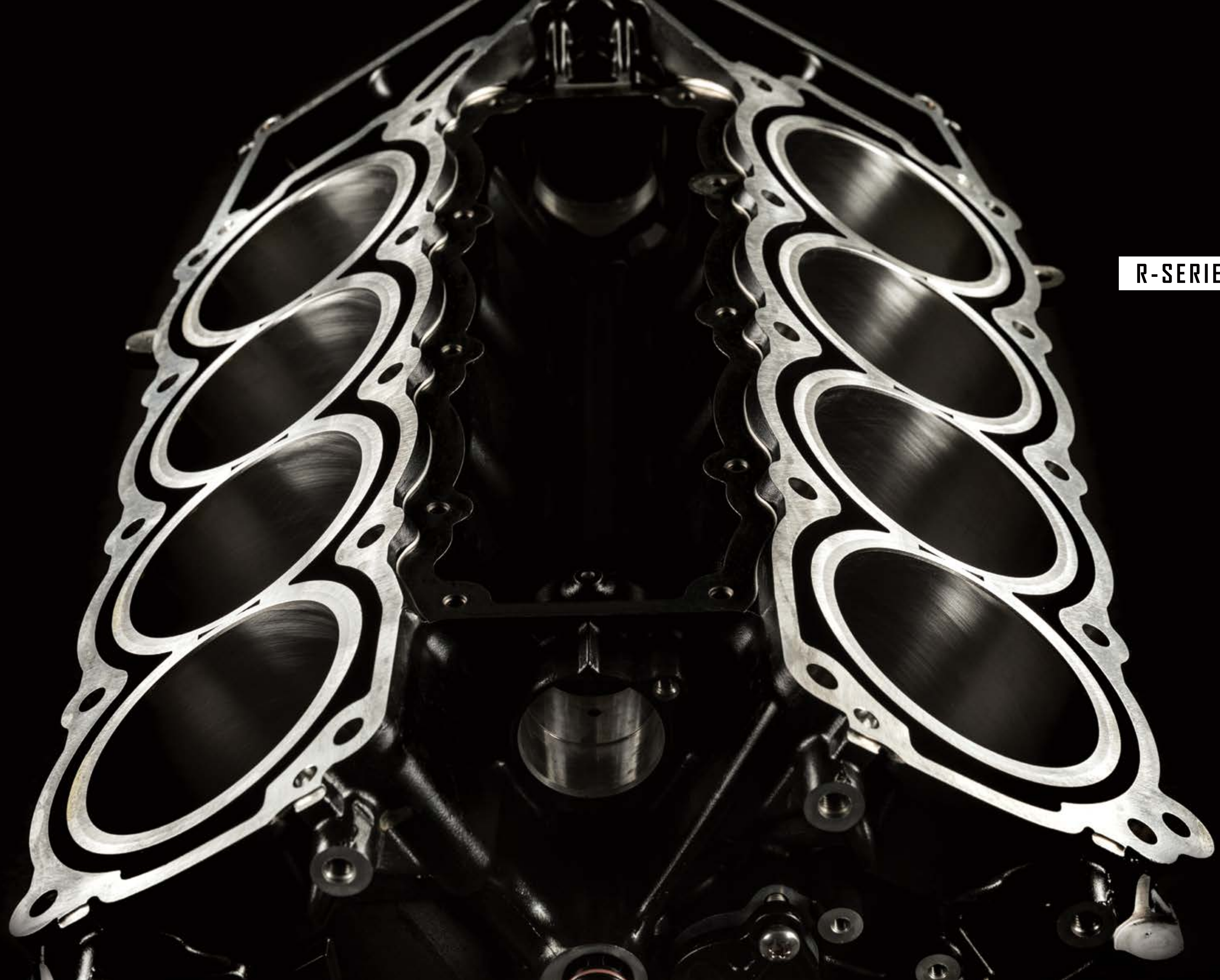




# PUSH EVERY BOUNDARY

Mercury Racing pushes power and performance to the limit so you can live Wide Open. We leverage technology, experience and creativity to craft high-performance marine products that will elevate every aspect of your experience on the water. We transform raw emotion into horsepower. We offer adventure fueled by gasoline and adrenaline. We are the cutting edge. We can take you Wide Open.





R-SERIES

V8



R-SERIES V8 FOURSTROKES

# THE PINNACLE OF PERFORMANCE

This new generation of Mercury Racing V8 FourStroke outboards is deep-breathing, high-winding, rugged and reliable. Each model is loaded with advanced design elements and Mercury Racing technology to go quicker, faster and farther than previously imagined.







# REFINED AUTHORITY

V8 / 4.6L / TRANSIENT SPARK

Experience performance delivered with refined authority. Class-leading 4.6-liter displacement and a proprietary V8 architecture are enhanced by the Mercury Racing Quad Cam Four Valve (QC4) design with double overhead camshafts and aluminum cylinder heads that maximize airflow and power. Mercury Transient Spark Technology applies preprogrammed timing advance to optimize torque output for stronger hole-shot performance. Power density is a key to high performance, and no marine engine delivers more punch in a lighter package than a Mercury Racing V8 outboard. Every ounce is devoted to Wide Open exhilaration.







# COMPACT BY DESIGN

64-DEGREE V8 / 26-INCH CENTERS

Mercury Racing V8 outboards are compact by design. The 64-degree V8 cylinder configuration is the foundation for a narrow powerhead. Electronics and other engine components were designed and positioned to create the tightest package possible while maintaining good service access. A slim-line cowl is shaped to accommodate 26-inch center-to-center mounting on multi-engine transoms for seamless original-equipment and repower-ready installations.



## GEARCASES



### SPORT MASTER

A race-proven surface-piercing design for boats capable of speeds greater than 85 mph features low water pick-ups and a crescent leading edge to maximize efficiency and speed. The available cambered skeg counteracts prop torque on single-engine installations for improved performance and handling.



### TORQUE MASTER

Designed to run partially surfaced to carry heavier tournament bass and multispecies fishing boats with maximal speed and control.



### 5.44 HD

Equipped with a robust gear set designed to push heavy bay boats and multi-engine performance center console boats that require a more-submerged gearcase.



# ENHANCED EXPERIENCES

DTS / IDLE CHARGE / ADAPTIVE SPEED CONTROL

Mercury Racing technology enhances every aspect of the performance experience. Available Digital Throttle and Shift (DTS) Zero Effort controls deliver instant response with no cables to rig or maintain. Exclusive Idle Charge battery management helps prevent battery drain on boats loaded with power-hungry electronics and audio systems. When Idle Charge detects low battery voltage it automatically increases idle rpm to boost alternator output until batteries are recharged. Adaptive Speed Control (ASC) automatically maintains engine rpm as load or conditions change due to sea conditions, tight turns, tow sports or a lower planing speed, and boat momentum is maintained with less-frequent throttle-control adjustments. A powerful, high-performance belt-driven alternator is designed to run cooler and maintain peak charging performance in the most-demanding conditions.



SS1



# GO FARTHER, FASTER

## ADVANCED RANGE OPTIMIZATION

To squeeze more power from less fuel, naturally aspirated Mercury Racing V8 outboards feature Advanced Range Optimization (ARO), a closed loop fuel-control system that utilizes electronic sensors to precisely adjust the fuel mixture for the best-possible efficiency at all speeds.

## TOP COWL SERVICE DOOR

The industry-exclusive Top Cowl Service Door makes routine maintenance more efficient. Just pop it open for regular engine oil checks and top-offs without removing the cowl. An integrated latch and handle simplify removing the cowl for service. Graphic, hour-based maintenance decals under the cowl offer guidance for regular service points.



# RELIABLE DURABILITY

**RUGGED MIDSECTION  
CORROSION PROTECTION  
3-YEAR WARRANTY**

Mercury Racing V8 outboards are engineered to be reliable and durable. Rugged midsections are designed to handle all the high-performance abuse the water can dish out. Superior protection against corrosion begins with the industry's lowest-copper aluminum alloy and exclusive, comprehensive finish treatments. These high-performance outboards are tested, tested and tested again – in the lab and on the water – in a never-ending quest to exceed the highest expectations. Run wide open with confidence backed by a three-year limited factory warranty. Extend that coverage for up to five more years with a Mercury Product Protection<sup>SM</sup> (MPP) factory-backed extended service plan.





**450R** **V8 FOURSTROKE**

# LEAD THE CHARGE

Handcrafted by Mercury Racing for the high-performance disciple craving unrelenting power, the Mercury Racing 450R makes the paramount performance statement. Boosted by an exclusive Mercury Racing supercharger, the 4.6-liter V-8 FourStroke powerhead delivers 450 peak horsepower - 40 percent more torque than the powerful 400R while staying 300 pounds lighter than the nearest competitor. Run wide open, without compromise.





# 450R

## SUPERCHARGER CHARGE-AIR COOLERS BOOST BYPASS

Mercury Racing applies its supercharging expertise to extract incredible power from the 4.6-liter V8. A 2.4-liter belt-driven twin-screw supercharger delivers pressurized ambient air to the intake tract with no lag for instant throttle response. The supercharger is water-cooled to reduce the temperature of the intake charge and increase power. Twin charge-air coolers engineered by Mercury Racing reduce the temperature of the compressed intake charge with minimal airflow restriction. A boost bypass valve automatically adjusts maximum boost pressure to maintain peak performance in response to changing ambient conditions. A custom-designed attenuator is tuned to cancel the harshest high-frequency supercharger noise while retaining a stirring high-performance sound.

To better manage engine heat the Mercury Racing 450R is fitted with a special high-capacity oil cooler and an exclusive poppet valve in the midsection to provide a higher volume of cooling-water flow on-demand. The valve train features a high-performance intake camshaft and race-spec Inconel exhaust valves. The wide-open throttle (WOT) operating range is extended to 5800-6400 rpm to expand propping options and maximize performance. The result is 450 peak horsepower delivered reliably on 89 octane (95 RON) pump fuel.



## ADVANCED MIDSECTION INTEGRATED TIE BAR POWER STEERING

Mercury Racing engineers addressed every aspect of performance in designing the 450R outboard, and each ounce was scrutinized to achieve maximal power with minimal weight. The Mercury Racing Advanced MidSection (AMS) features heavy-duty guide plates and stiffened engine mounts to stabilize the outboard for enhanced high-speed handling. The AMS also isolates the powerhead from the transom to ensure run quality is smooth and quiet at all speeds. An optional rear tie-bar bracket integral to the AMS provides a strong, ultra-light mounting point and uncluttered installation for catamaran and other high-speed applications. The 450R is offered with a choice of the 5.44-inch HD gearcase for traditional, submerged applications or, for boats capable of speeds over 85 mph, the surface-piercing Sport Master gearcase with a new one-piece stainless steel propshaft.

Mercury Racing power steering offers confident ease of control at all speeds. The 115 amp alternator is a match for extreme audio systems and power-hungry electronics. Idle charge battery-management automatically increases engine idle rpm to boost alternator output, ensuring batteries are always charged to the proper level. The supercharged powerhead fits under the standard slim-line 4.6-liter V8 cowl for seamless original-equipment and repower-ready installations on multi-engine transoms.

## DTS / JOYSTICK PILOTING / ADVANCED SOUND CONTROL

The 450R model is compatible with Mercury Racing Zero Effort Digital controls or any Mercury digital control system. Digital throttle and shift technology enhances the high-performance boating experience by providing smooth shifting and instant response while eliminating cable maintenance. Joystick Piloting for Outboards (JPO) is available for boats rigged with two to six outboards and provides intuitive, fingertip 360-degree boat control for docking and maneuvering in tight quarters plus the convenience of Skyhook® sea-holding features and integrated auto piloting.

An available Mercury VesselView offers more systems information and engine data than with any other display system in the boating industry. VesselView can simultaneously monitor the RPM, speed, fuel flow and efficiency, temperature, trim and more on up to six outboards on an intuitive seven or nine-inch touchscreen display. VesselView also enables Advanced Sound Control, a dual muffler system that can be toggled between an ultra-quiet mode and a deep sport tone with a stirring growl on start-up.



## COLOR OPTIONS

The Mercury Racing 450R is available in Cold Fusion White and the legendary Mercury Phantom Black. Cold Fusion White models are finished with Devil Red Eye cowl accent panels and white Advanced MidSection (AMS) and gearcase. Black models are finished with Graphite Gray cowl accent panels and matching Graphite Gray AMS and gearcase. Devil Red Eye, Graphite Gray and Carbon Fiber accent panel kits are available to custom-match a 450R outboard to a boat color scheme.



## V8 4.6L 450R FOURSTROKE

|                                 |                                                                   |
|---------------------------------|-------------------------------------------------------------------|
| HORSEPOWER (HP/KW)              | 450/336                                                           |
| MAX WOT RPM                     | 5800-6400                                                         |
| ENGINE TYPE                     | V-8 (64 Degree) with 32-Valve Dual Overhead Cam (DOHC)            |
| DISP. (LITER/CID)               | 4.6/279                                                           |
| INDUCTION SYSTEM                | Supercharged with Charge Air Cooling and Electronic Boost Control |
| FUEL REQUIREMENTS               | Unleaded 89 Octane Minimum (R+M/2) or 95 RON; 10% Ethanol Max     |
| CHARGING (AMP/WATT)             | 115/1449                                                          |
| THROTTLE & SHIFT                | Digital Throttle & Shift                                          |
| MIDSECTION                      | Mercury Racing Advanced MidSection                                |
| GEARCASE                        | Sport Master or 5.44" HD                                          |
| GEAR RATIO <sup>1</sup>         | 1.60:1                                                            |
| DRY WEIGHT <sup>2</sup> (LB/KG) | 689/313                                                           |
| WARRANTY <sup>3</sup>           | 3-Year Limited                                                    |

<sup>1</sup>1.60:1 Gear Ratio Available on Select Sport Master Models

<sup>2</sup>Lightest Model Available

<sup>3</sup>Up to 5 Years Mercury Product Protection Available



**300R** **V8 FOURSTROKE**

# FLEX SOME MUSCLE

Tuned up with Mercury Racing components to deliver blistering speed, the V8 4.6L 300R outboard delivers crisp throttle response, thrilling top-end power and confident control, the perfect match for a wide variety of high-performance boats. The 300R midsection and gearcase options, tie-bar and steering choices allow the creation of a near-custom configuration to provide optimal performance and ease of installation for most applications, including re-power upgrades.





# 300R

## CAMSHAFT / INTAKE / OIL COOLER

Years of Mercury Racing engine-tuning experience have been applied to the 300R outboard model. A short-runner intake manifold and high-lift intake camshaft designed specifically for the 300R combine to produce quick acceleration. The 300R is equipped with stainless steel valves and an oil cooler to better manage engine heat. To maximize top speed and propping options the wide-open throttle (WOT) operating range is extended to 5800-6400 rpm.

## DTS / POWER STEERING / 87 OCTANE

The 300R model features Mercury Racing technology designed to enhance performance, reliability and economy. Electronically actuated throttle and shifting is compatible with mechanical controls or Mercury Digital Throttle and Shift (DTS) controls that offer smooth shifting and instant response while eliminating cable maintenance. Mercury electro-mechanical power steering is also available for the Racing 300R. Mercury Racing engineers programmed the Engine Control Unit (ECU) to maximize performance and extend the rpm range while operating safely on readily available 87-octane fuel.



## TRI-RAM MIDSECTION / HD MIDSECTION

The Mercury Racing 300R is designed to withstand the harshest conditions. The durable Mercury Racing tri-ram midsection for 20-inch models features solid lower engine mounts and a high-durometer upper mount for enhanced stability and handling at high speeds. The 300R HD model, designed for high-performance offshore and multi-engine applications, is equipped with a heavy-duty midsection with solid mounts, forged transom brackets, and a robust single-ram trim system with a remote trim pump. An integrated rear tie-bar mounting plate and optional side-steering kits are available for select 300R HD models fitted with the Sport Master gearcase.



## ACCENT PANELS

The standard Devil Red Eye cowl accent panel can be replaced with an optional Graphite Gray panel.



## V8 4.6L 300R FOURSTROKE

|                                 |                                                       |
|---------------------------------|-------------------------------------------------------|
| HORSEPOWER (HP/KW)              | 300/224                                               |
| MAX WOT RPM                     | 5800-6400                                             |
| ENGINE TYPE                     | V8 (64-Degree) with 32-Valve Dual Overhead Cam (DOHC) |
| DISP. (LITER/CID)               | 4.6/279                                               |
| INDUCTION SYSTEM                | Naturally Aspirated                                   |
| FUEL REQUIREMENTS               | Unleaded Regular 87 Octane Minimum (R+M/2) or 90 RON  |
| CHARGING (AMP/WATT)             | 85/1071                                               |
| THROTTLE & SHIFT                | Digital Throttle & Shift or Mechanical                |
| MIDSECTION                      | Tri-Ram or HD CMS                                     |
| GEARCASE                        | Torque Master, Sport Master or 5.44" HD               |
| GEAR RATIO <sup>1</sup>         | 1.75:1 or 1.60:1                                      |
| DRY WEIGHT <sup>2</sup> (LB/KG) | 512/232                                               |
| WARRANTY <sup>3</sup>           | 3-Year Limited                                        |

<sup>1</sup>1.60:1 Gear Ratio Available on Select Sport Master Models  
<sup>2</sup>Lightest Model Available  
<sup>3</sup>Up to 5 Years Mercury Product Protection Available



**250R** **V8 FOURSTROKE**

# NEVER LOOK BACK

Engineered to produce a broad powerband and class-leading top-end horsepower, the 250R outboard has the muscle to lift a heavy tournament boat out of the hole plus the deep-breathing power and high-performance components required to reach unprecedented speeds with confidence.





# 250R

## QC4 / LONG-RUNNER INTAKE

Mercury Racing has tuned the 250R outboard model to produce the perfect combination of low-end grunt and high-winding horsepower. A performance-tuned intake runner helps pack more air through the deep-breathing 32-valve dual overhead cam valve train to squeeze more power from the V8 4.6-liter engine. Mercury Transient Spark Technology optimizes torque output for stronger hole-shot performance.



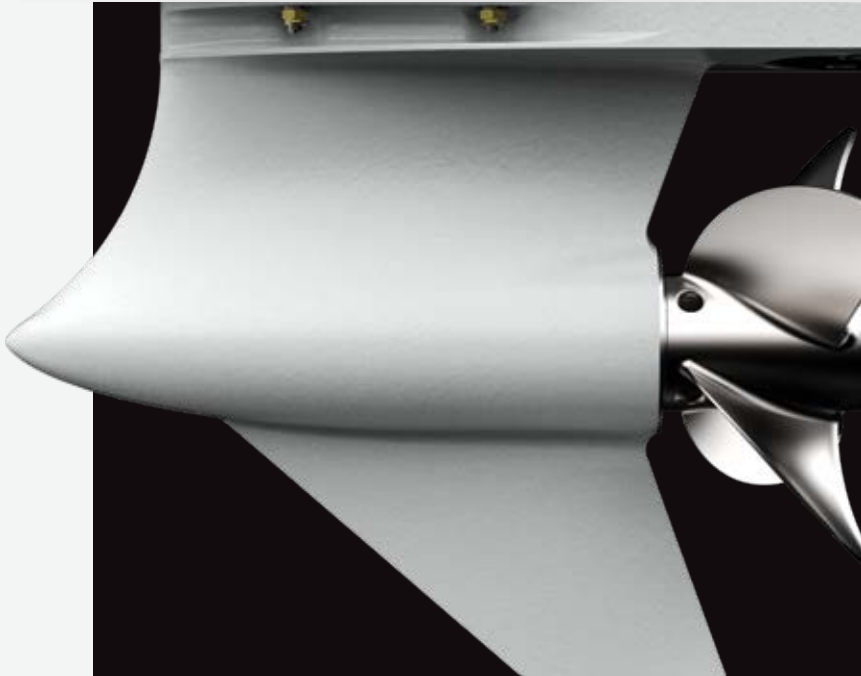
## POWER STEERING / 87 OCTANE

The Mercury Racing 250R delivers a reliable, powerful performance punch on readily available 87-octane fuel. Enhance high-speed control and all-around comfort with optional Mercury electro-hydraulic power steering. Smooth and precise electronically actuated throttle and shifting matched to manual controls eases re-power installations and enables easier installation of a foot throttle.



## TRI-RAM MIDSECTION / SPORT MASTER

Strong and rock-steady, the Mercury Racing tri-ram midsection features solid lower engine mounts and a high-durometer upper mount for enhanced stability and handling at high speeds, critical for confident control in the fastest, single-engine applications. The race-proven Sport Master surface-piercing gearcase is designed specifically for speeds greater than 85 mph and features low water pick-ups and a crescent leading edge to maximize efficiency and velocity. Use a selection of Mercury Racing propellers to dial-in performance.



## ACCENT PANELS

The standard Devil Red Eye cowl accent panel can be replaced with an optional Graphite Gray panel.



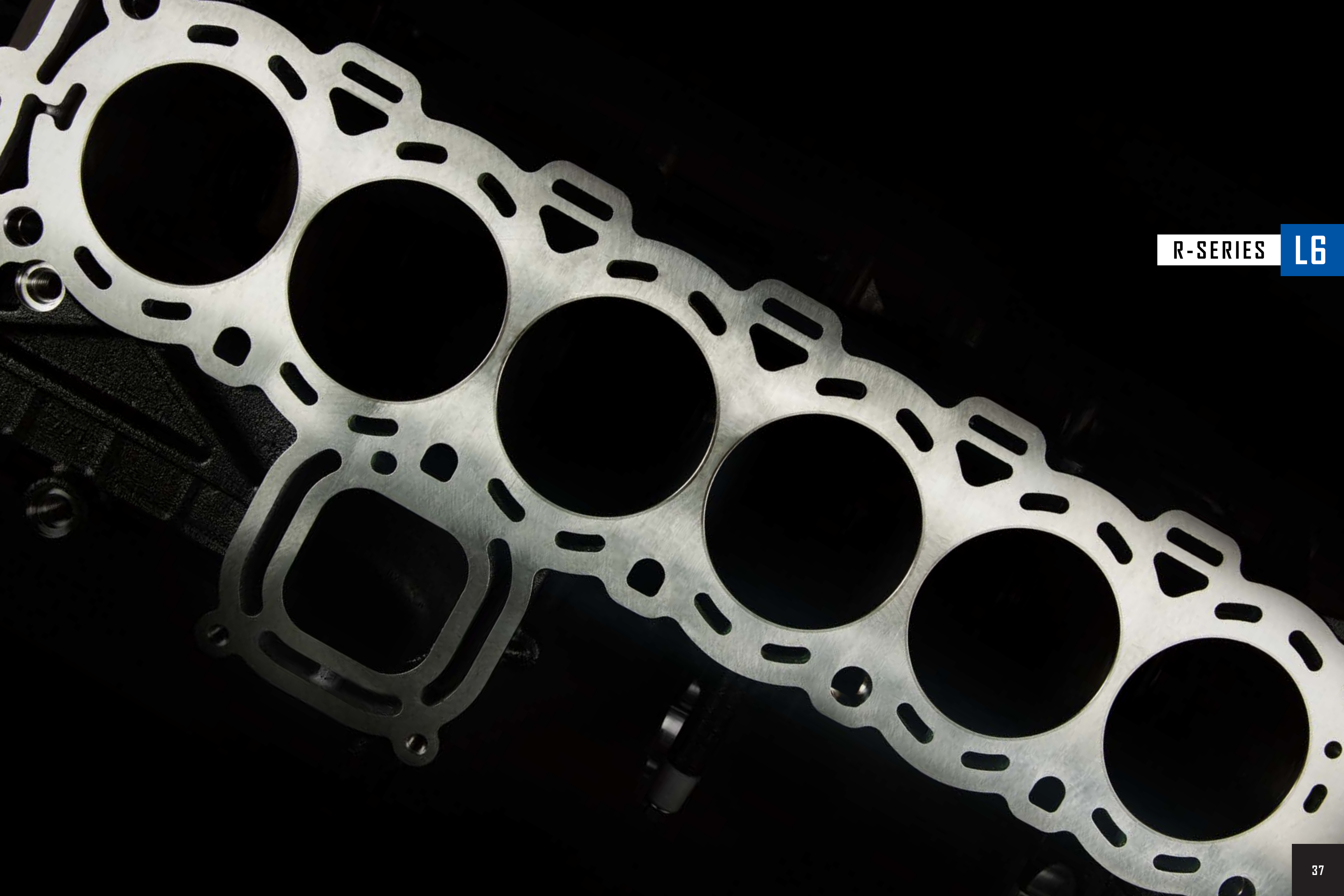
## V8 4.6L 250R FOURSTROKE

|                                 |                                                       |
|---------------------------------|-------------------------------------------------------|
| HORSEPOWER (HP/KW)              | 250/186                                               |
| MAX WOT RPM                     | 5600-6200                                             |
| ENGINE TYPE                     | V8 (64-Degree) with 32-Valve Dual Overhead Cam (DOHC) |
| DISP. (LITER/CID)               | 4.6/279                                               |
| INDUCTION SYSTEM                | Naturally Aspirated                                   |
| FUEL REQUIREMENTS               | Unleaded Regular 87 Octane Minimum (R+M/2) or 90 RON  |
| CHARGING (AMP/WATT)             | 85/1071                                               |
| THROTTLE & SHIFT                | Mechanical                                            |
| MIDSECTION                      | Tri-Ram CMS                                           |
| GEARCASE                        | Sport Master                                          |
| GEAR RATIO                      | 1.75:1                                                |
| DRY WEIGHT <sup>1</sup> (LB/KG) | 520/236                                               |
| WARRANTY <sup>2</sup>           | 3-Year Limited                                        |

<sup>1</sup>Lightest Model Available

<sup>2</sup>Up to 5 Years Mercury Product Protection Available





R-SERIES

L6



R-SERIES L6 FOURSTROKE

# ASTONISHING POWER

This brilliant Verado® design launched an outboard performance revolution. The perfect primary balance of six cylinders arranged in-line offers smooth operation and a slim profile on the transom. Supercharged induction delivers immediate response and astonishing power. It's thoroughly refined for rock-solid reliability and effortless efficiency.







## AMPLIFIED PERFORMANCE

**2.6L / SUPERCHARGED / DOHC**

Thrill to immediate throttle response and extraordinary power. The slim 2.6-liter six-cylinder in-line powerhead is amplified by a supercharger system that boosts performance across the rpm range. The high performance cylinder head features dual overhead camshafts for optimal combustion control and deep-breathing airflow all the way to 7000 rpm.

## SMOOTH OPERATOR

**LONG BOLTS  
ADVANCED MIDSECTION  
26-INCH CENTERS**

This six-cylinder in-line engine configuration is inherently balanced for silky-smooth operation at any speed. The long-bolt design clamps the cylinder head, cylinder block and lower crankcase together in a solid, stable unit. The Mercury Racing Advanced MidSection (AMS) isolates the powerhead from the transom to ensure run quality is smooth and quiet at all speeds. The slim in-line powerhead contributes to a cowl profile that accommodates 26-inch center-to-center mounting on multi-engine transoms to facilitate any original equipment or re-power installation.





# CONFIDENT CONTROL

## DTS / POWER STEERING

Mercury Racing technology delivers confident, comfortable boat control in all situations. The standard electro-hydraulic power steering and an electronic helm offer smooth, assisted steering at all speeds. Mercury Digital Throttle and Shift (DTS) Zero Effort controls provide precise shifting action and instant response while eliminating cable rigging and maintenance. Exclusive Idle Charge battery management helps prevent battery drain on boats loaded with power-hungry electronics and audio systems.



## JOYSTICK PILOTING

Joystick Piloting for Outboards (JPO) is available for boats rigged with two to six outboards and provides intuitive, fingertip 360-degree boat control for docking and maneuvering in tight quarters plus the convenience of Skyhook® sea-holding features and integrated auto piloting.

# EXTENDED PERFORMANCE

## ELECTRONIC FUEL INJECTION

Efficiency is an aspect of performance never overlooked by Mercury Racing. The Verado L6 outboard features advanced electronic engine management and sequential multi-port electronic fuel injection (EFI) programmed to squeeze the most performance – and mileage – from every drop of fuel, extending range and convenience. High-performance gearcase water inlets maintain cooling water flow in extreme applications and conditions to ensure engine performance and durability.



## CORROSION PROTECTION 3-YEAR WARRANTY

An exclusive low-copper aluminum alloy and a comprehensive finish treatment provide a durable barrier against corrosion. Years of testing and continuous product development result in durability and reliability that are the envy of the industry. Run Wide Open with confidence backed by a three-year Mercury limited factory warranty. Extend that coverage for up to five more years with a Mercury Product Protection (MPP) factory-backed extended service plan.





**400R** **1.6 FOURSTROKE**

# DROP THE HAMMER

The Mercury Racing 400R is a thoroughbred. The motor that created the high-performance outboard category is assembled with premium, system-matched components; tuned with mission-specific calibrations; tested in the lab; and proven in the field to deliver bullet-proof reliability and incredible efficiency. Drop the throttles to experience immediate hole-shot muscle, blistering acceleration and blazing top speed that keeps on climbing all the way to 7000 rpm. Unleash your Wide Open.





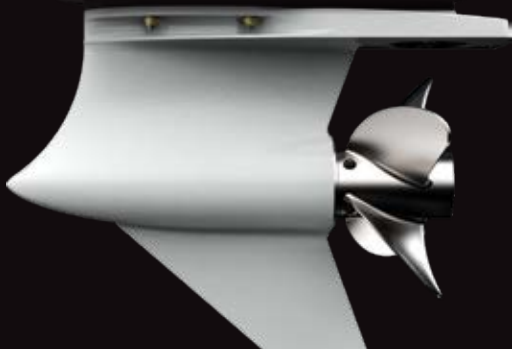
# 400R

## INTAKE / SUPERCHARGER / AIR CHARGE COOLER

Each element of the 400R intake tract has been fine-tuned to function as a performance-boosting system. A short-run air snorkel feeds cool ambient air directly from the cowl intake port to the screw-type supercharger. The supercharger is water-cooled to reduce the temperature and increase the density of the exiting compressed air charge. A charge air cooler behind the supercharger further enhances air density before the charge enters the engine. Electronic boost-pressure control monitors and maintains peak performance as ambient conditions change.



## GEARCASES



### SPORT MASTER

A race-proven surface-piercing design for boats capable of speeds greater than 85 mph features low water pick-ups and a crescent leading edge to maximize efficiency and speed. The available cambered skeg counteracts prop torque on single-engine installations for improved performance and handling.



### 5.44 HD

Designed to push heavy bay boats and multi-engine performance center console boats that require a more-submerged gearcase.



## GUIDE PLATES / MOUNTS / PROPS

Precise control is a key element of performance boating. The Mercury Racing 400R is equipped with race-proven stainless-steel guide plates on the lower transom bracket that stabilize the engine for improved durability and steady handling at high speeds and in rough sea conditions. Specific 400R engine mounts within the Mercury Racing Advanced MidSection (AMS) were selected for the perfect combination of handling and running quality. A 6400-7000 rpm wide-open throttle operating range and a 1.75:1 gear ratio offer a wide window for propping options.



### MAKE A STATEMENT

The 400R is available in Cold Fusion White or classic Phantom Black base colors and standard Mercury Racing graphics. Use the available custom graphics package offered in seven bold colors to reflect a personal style or match the color palette of the boat.



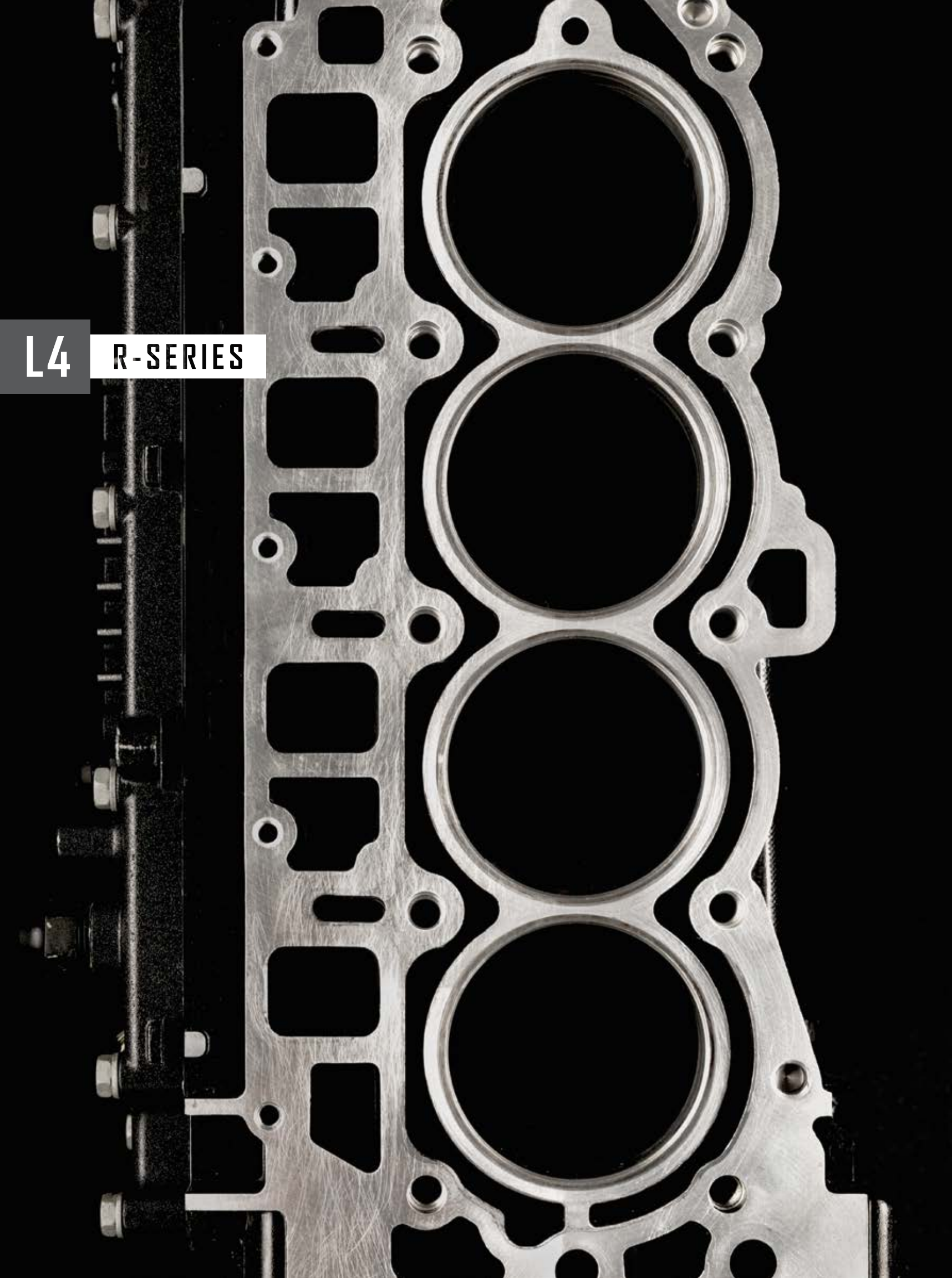
## LG 2.6L 400R FOURSTROKE

|                                 |                                                                             |
|---------------------------------|-----------------------------------------------------------------------------|
| HORSEPOWER (HP/KW)              | 400/336                                                                     |
| MAX WOT RPM                     | 6400-7000                                                                   |
| ENGINE TYPE                     | Inline 6-Cylinder with 24-Valve Dual Overhead Cam (DOHC)                    |
| DISP. (LITER/CID)               | 2.6/158                                                                     |
| INDUCTION SYSTEM                | Supercharged with Charge Air Cooling and Electronic Boost Control           |
| FUEL REQUIREMENTS               | Recommended Unleaded 91 Octane (98 RON) Minimum Unleaded 89 Octane (95 RON) |
| CHARGING (AMP/WATT)             | 70/882                                                                      |
| THROTTLE & SHIFT                | Digital Throttle & Shift                                                    |
| MIDSECTION                      | Mercury Racing Advanced MidSection                                          |
| GEARCASE                        | Sport Master or 5.44" HD                                                    |
| GEAR RATIO                      | 1.75:1                                                                      |
| DRY WEIGHT <sup>1</sup> (LB/KG) | 668/303                                                                     |
| WARRANTY <sup>2</sup>           | 3-Year Limited                                                              |

<sup>1</sup>Lightest Model Available

<sup>2</sup>Up to 5 Years Mercury Product Protection Available





L4 R-SERIES

R-SERIES L4 FOURSTROKE

# COMPACT TORQUE

Mercury Racing offers a brilliant performance solution for technical flats skiffs. The 60hp 1.0-liter R-Series outboard is a lightweight, compact powerhouse tuned and geared to deliver amazing hole-shot acceleration for instant on-plane performance in skinny water. This proven powerhead also combines outstanding fuel economy with rugged reliability and quiet operation. Get Wide Open with no compromise.





## TUNED TO PERFORM

### 1.0L / HIGH-THRUST GEARCASE

This four-cylinder 1.0-liter long-stroke powerhead is tuned for torque. That power is transferred to a larger diameter, high-thrust gearcase, shaped to provide added lift and designed and geared to accommodate bigger props. It's a combination created expressly to deliver instant hole-shot acceleration and confident handling at speed.

## CONFIDENT SIMPLICITY

### SINGLE OVERHEAD CAM ELECTRONIC FUEL INJECTION 18-AMP ALTERNATOR

A compact engine package is critical in this category. A single overhead camshaft cylinder head keeps the powerhead as light and slim as possible for less intrusion on the transom. Electronic fuel injection (EFI) provides precise fuel metering for easy starts and smooth, clean operation. A powerful 18-amp alternator is designed to maintain battery charge on boats equipped with angling electronics and baitwell pumps.

## DIVERSE EFFICIENCY

### 87-OCTANE / PROPELLER OPTIONS

Run to the fish – and back home – with confidence. To extend range the Mercury Racing 60R is equipped with computer-controlled electronic fuel injection (EFI) programmed to deliver outstanding fuel economy at cruising speed on 87-octane fuel. Its ability to run a larger propeller also enhances fuel efficiency.

THREE 3 YEAR  
CORROSION  
WARRANTY

3  
THREE-YEAR LIMITED  
WARRANTY

An exclusive low-copper aluminum alloy and durable, multi-layer finish treatments provide industry-leading corrosion protection.

Run Wide Open with confidence backed by a three-year Mercury limited factory warranty. Extend that coverage for up to five more years with a Mercury Product Protection (MPP) factory-backed extended service plan.



# 60R

## MIDSECTION / GEARCASE

The Mercury Racing 60R fits perfectly on a 15-inch transom. Compared to competing 20-inch motors the 60R offers a lower center of gravity for better boat handling and stability. It can accommodate a lower poling platform while eliminating the need for a jack plate or flared transom. The 4.88-inch diameter large diameter gearcase accommodates a robust 2.33:1 gear ratio to handle up to 20 percent more prop blade area than a standard gearcase. Its shape also creates additional lift aft to further boost hole-shot performance and handling.



## EXTENDED RPM RANGE

Pushing the WOT range to 6300 rpm maximizes top-end performance and enables more propping options.



## LIGHT WEIGHT

Less weight is a critical performance advantage on compact angling skiffs. Less weight on the transom improves hole shot, boat handling and stability.

## SMARTCRAFT

Mercury SmartCraft® is built into the 60R to enable Engine Guardian® system monitors and available SmartCraft instruments, Mercury VesselView® and VesselView Mobile, and Mercury Theft Deterrent System (TDS).



## SPITFIRE XP PROPELLER

The new Mercury Racing Spitfire XP propeller is designed to be the ultimate prop for the 60R. Created to specifically match the power curve, gear ratio and gearcase shape of the engine, the Spitfire XP has a four-blade design and long barrel that combine to deliver the lightning-fast hole shot shallow-water anglers desire. This precision-tuned Mercury Racing Pro Finish propeller is crafted in Mercury-exclusive X7 stainless steel alloy, then zero-balanced and measured for consistent performance. Offered in 12-inch to 21-inch pitch in half-inch increments to dial in optimal RPM at wide-open throttle.



## RACING STYLE

Mercury Racing R-Series graphics over a classic Phantom Black finish let the world know this is no ordinary outboard motor. Exclusive hand-crafted performance is delivered with singular style.

## L4 1.0L 60R FOURSTROKE

|                                 |                                                      |
|---------------------------------|------------------------------------------------------|
| HORSEPOWER (HP/KW)              | 60/41                                                |
| MAX WOT RPM                     | 5800-6300                                            |
| ENGINE TYPE                     | L4 with 8-Valve Single Overhead Cam (SOHC)           |
| DISP. (LITER/CID)               | 1.0/60.8                                             |
| INDUCTION SYSTEM                | Naturally Aspirated                                  |
| FUEL REQUIREMENTS               | Unleaded Regular 87 Octane Minimum (R+M/2) or 90 RON |
| CHARGING (AMP/WATT)             | 18/226                                               |
| THROTTLE & SHIFT                | Mechanical                                           |
| MIDSECTION                      | 15-inch                                              |
| GEARCASE                        | 4.88-inch diameter, high-thrust                      |
| GEAR RATIO                      | 2.33:1                                               |
| DRY WEIGHT <sup>1</sup> (LB/KG) | 268/122                                              |
| WARRANTY <sup>2</sup>           | 3-Year Limited                                       |

<sup>1</sup>Lightest Model Available

<sup>2</sup>Up to 5 Years Mercury Product Protection Available



PROPELLERS

ANDY FIEDLER / PROPELLER ARTISAN



# THE ART OF SPEED

A Mercury Racing propeller is the final critical component of a performance outboard system. Cast from proprietary stainless-steel alloys, hand-finished and zero-balanced by artisan technicians in our prop shop, Mercury Racing propellers offer the ultimate in performance and durability. Choose the precision-tuned performance of a Mercury Racing Pro Finished® model or the race-spec perfection of a Mercury Racing Lab Finished® propeller.

PROPELLER ARTISANS HANDCRAFT EACH PROP  
INTO PRECISION-TUNED WORKS OF ART.



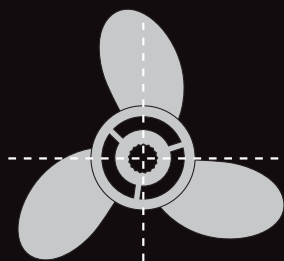
PROPELLERS

PRO FINISH

Step up in performance with a prop that's hand finished and fine tuned from a raw stainless steel casting with perfectly matching cup heights and a custom blade thickness profile. In most applications a Pro Finish propeller will deliver more RPM and higher top-end speed than a standard production propeller.

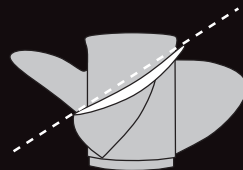
LAB FINISH

Hand-finished to perfection with additional blade thinning to cut through the water with less power-robbing drag and an increase in top-end RPM. These blueprinted propellers feature perfectly matched blade profiles for consistent multi-engine RPM. The ultimate performance propeller for light-weight boats running over 75 mph.



ZERO BALANCE

Balanced by hand to perfection to eliminate vibration and deliver consistent RPM in multi-engine applications.



HALF-INCH PITCH INCREMENTS

Most Mercury Racing propellers are offered in precise half-inch pitch increments you can use to dial in optimal RPM at wide-open throttle, in single- and multi-engine applications.



UNMATCHED WARRANTY

Every Mercury Racing propeller carries a one-year limited warranty when used for recreational boating within its maximum power rating on a Mercury Racing engine, coverage that includes not just prop failure but also any damage to the engine, drives or boat as a result of prop failure.



Meet the artisans and review the extensive portfolio of high-performance outboard and sterndrive propellers at [mercuryracing.com](http://mercuryracing.com)





PERFORMANCE ACTIVE TRIM

Performance Active Trim automatically adjusts outboard motor trim angle for optimal performance from hole shot to 50 mph. At speeds in excess of 50 mph, Performance Active Trim provides a seamless hand-off from auto to manual operation to give the operator full control at higher speeds. Five selectable trim profiles allow the operator to personalize Performance Active Trim to a specific driving style and to compensate for changes in boat load and weather conditions, while maintaining fully automatic operation. This patented GPS-based control system is designed specifically for use with Mercury Racing outboards equipped with SmartCraft® Digital Throttle & Shift (DTS) technology and running with gearcases partially surfaced.



K-PLANE TRIM TABS

Considered the gold standard of trim tab design, Mercury Racing K-Planes® are designed to endure the punishing rigors of offshore racing and the most-demanding performance-boat applications. K-Planes feature a heavy-duty, corrosion-resistant aluminum casting with large support ribs for unparalleled durability. Hydraulic trim cylinders maintain position and react immediately to fingertip control from the helm to plane boats faster and keep them level for a safer, smoother ride in a variety of conditions.



JOYSTICK PILOTING

Eliminate the stress of positioning or maneuvering a performance boat in tight spaces during less-than-ideal situations. Focus instead on the total confidence of being effortlessly, intuitively, and completely in control of your boat. Mercury Joystick Piloting for Outboards combines throttle, shift and steering control in a single joystick designed for maximum maneuverability at lower speeds. It's part of the complete SmartCraft package, which includes Digital Throttle & Shift, Skyhook digital anchor, integrated AutoPilot and VesselView® displays.

DIGITAL ZERO EFFORT CONTROLS

Digital Zero Effort Controls replace the lag and hesitation of traditional throttle and shift cables with digital precision, resulting in smooth shifting and instant throttle response. Ergonomic design features short-throw levers for effortless shifting and ultra-fast throttle response, and the robust stainless-steel levers offer unmatched durability in the offshore environment. Digital Zero Effort Controls can provide automatic throttle synchronization and shadow mode for up to six engines (where two levers operate six engines) and go hand in hand with engines equipped with Mercury's exclusive Joystick Piloting for Outboards (JPO) technology.



VESSELVIEW MONITOR

A Mercury® VesselView display presents more boat system information and engine data than any other system in the boating industry: rpm, speed, fuel flow and efficiency, temperature, trim, and more. Monitor each engine simultaneously on an intuitive “at a glance” screen. Available in four sizes from 4-inch to 9-inch to fit most boat styles and helms, with a bright LCD or touchscreen display and an escalating range of features. All VesselView displays have Active Trim, Smart Tow® and Troll Control interfaces.



PROP SLIP CALCULATOR

The Mercury Racing Prop Slip Calculator App makes prop testing easier and more accurate. Prop slip is the difference between actual and theoretical travel resulting from a necessary propeller blade angle of attack. Measuring prop slip is the best way to match prop blade diameter and area to engine horsepower and rpm, the key to achieving peak propeller efficiency. The Mercury Racing Prop Slip Calculator App is a great tool that provides much more information than just slip. Download “PropSlipCalc” for iOS or Android free from Apple iTunes or Google Play Store.







[MercuryRacing.com](http://MercuryRacing.com)

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*Product information in this brochure is accurate as of February 12, 2020. For the latest content, please visit [MercuryRacing.com](http://MercuryRacing.com)*