

**50** YEARS  
THE ULTIMATE  
FOUR-STROKE

**HONDA**  
MARINE

# THE ULTIMATE FOUR-STROKE

[ 1964 - 2014 ]

**HONDA**  
The Power of Dreams

# 50 YEARS OF THE ULTIMATE FOUR-STROKE

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THERE'S A SIMPLE REASON WHY HONDA'S FOUR-STROKE MARINE ENGINES LEAD THE WORLD IN PERFORMANCE, RELIABILITY, FUEL-EFFICIENCY AND ENVIRONMENTAL RESPONSIBILITY... THE COMPANY HAS BEEN MAKING THEM FOR 50 YEARS!

Honda adopted the policy of manufacturing only four-stroke outboard engines back in 1964. This commitment to first-class four-stroke outboard technology can be found in the words of Mr Soichiro Honda, when he gave the following directive to Honda staff:

“Two things are most important: If they are not reliable, people's lives can be endangered. Second – water cleanliness. What will happen to our oceans, lakes and rivers if all that exhaust gas mixed with oil gets pumped into the water? I don't care if everyone else is making two-strokes – Honda has to make four strokes.”

Honda Marine has come a long way since it developed its first outboard engine, the GB30. Today's extensive range of four-stroke outboards is suitable for everything from recreational fishing to commercial applications – and everything in between.

From the super lightweight BF2.3 right up to the class-leading advantages of the powerful BF250, Honda leads the way with innovation, reliability, fuel efficiency, environmental responsibility and, of course, outstanding performance.

Honda has always strived for the best – and continues to achieve it.

# USEFUL INNOVATION

SOICHIRO HONDA ONCE SAID: "WE HAVE ONE FUTURE AND IT WILL BE MADE OF OUR DREAMS, IF WE HAVE THE COURAGE TO CHALLENGE CONVENTION." SINCE 1948, WHEN THE HONDA MOTOR CORPORATION WAS FORMED, WE HAVE LIVED BY THIS PHILOSOPHY. BIG DREAMS PRODUCED A MASSIVE FUTURE. TODAY, HONDA PRODUCES INNOVATIVE AND RELIABLE PRODUCTS FOR ALMOST EVERY APPLICATION – FROM LAWNMOWERS TO CORPORATE JETS – WITH EVERY PRODUCT DESIGNED TO MAKE LIFE MORE JOYFUL FOR YOU AND LESS IMPACTFUL TO THE PLANET. WHERE WILL OUR DREAMS TAKE US NEXT?

## FCX CLARITY

For more than two decades, our engineers have challenged conventional thinking on how to make cars. Powered by an electric motor, the FCX Clarity emits no CO2. Since unveiling our first fuel cell vehicle in 1999, we've brought the innovative FCX from the lab to the fleet and now, to the public.



## MOTORCYCLES

Our designers focus on the rider rather than the machine. We use this process to create motorcycles that win Moto GPs and perform perfectly on the daily commute. What's more, all the knowledge is shared, from 1800cc grand tourers like the Goldwing to 50cc scooters like the Today 50.



## HONDAJET

We push the boundaries of human mobility whether it's on the road, on the track or in the sky. In 1997, a thought became a sketch. Instead of putting the engines below the wing, we put them above it. In 2000, HondaJet's progress was such that a new research facility was established exclusively for its development. Today, HondaJet is in the air. With its all-composite fuselage, it is lighter, quieter, more fuel efficient and emits as little as 40 per cent of the pollutants of comparable aircraft.

## ROBOTIC LAWNMOWER

As a world leader in lawnmower technology and advanced robotics, it makes sense our first commercial robotic product is a lawn mower. Miimo is designed to take care of your lawn so you can focus on the more important things in life. With automatic recharging and durable blades to keep it going for even longer, Miimo cuts down garden waste and improves the health of your lawn by recycling the grass shavings back into the ground.

## ASIMO

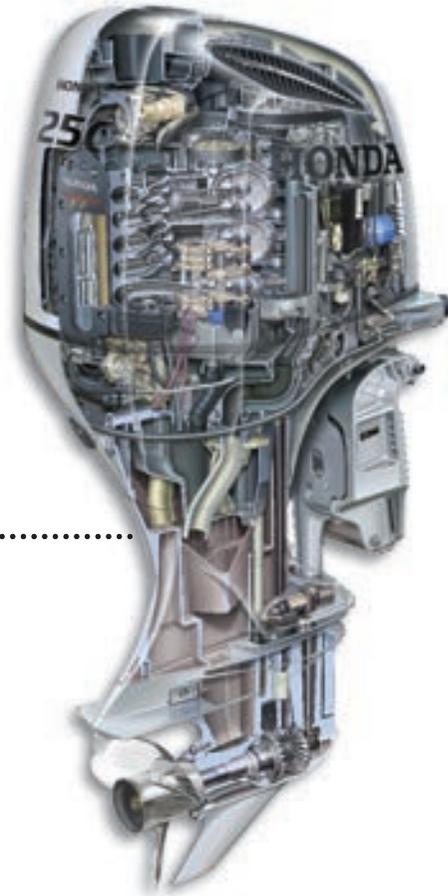
Back in 1986, our engineers created ASIMO: the world's most advanced humanoid robot. ASIMO cleverly recreates human motion to walk and run on slopes and uneven surfaces. It can make smooth turns, climb stairs and pick up objects. ASIMO can even respond to simple voice commands and recognise the faces of a select group of individuals. Using its camera eyes, ASIMO can even skillfully map its environment to navigate around stationary and moving objects.

## BLUE SKIES FOR OUR CHILDREN

As pioneers of environmental technologies, our engineers have been exploring ways for our children to enjoy a free and sustainable future since the company's inception. Today, sustainability is still top of our agenda. In June 2011, we pledged to cut CO2 emissions from all our global products, equipment and corporate activities by 30 per cent by the end of 2020 compared to 2000 levels. We're also firmly committed to powering our vehicles with innovative renewable technologies wherever we can.



# HONDA PIONEER OF FOUR-STROKE OUTBOARD TECHNOLOGY



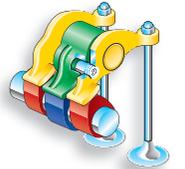
## PGM-FI

Honda's renowned Programmed Fuel Injection, controlled by a highly-advanced Engine Control Unit (ECU) and engine sensors, precisely controls the supply of fuel to the engine. Easy starting, instantaneous throttle response and superior fuel economy is assured (BF40 – BF250).

## VARIABLE VALVE TIMING AND LIFT ELECTRONIC CONTROL



Developed for its high performance engines, VTEC™ varies the lift and duration of the intake valves to provide optimum performance both at low rpm and at high rpm. VTEC™ delivers smooth stable idling at low speeds, while increasing valve lift at higher speeds, which broadens the torque curve and top end power (BF100, BF150, BF225 and BF250).



## PEACE OF MIND

Honda provides a warranty which does not weaken or deteriorate with age. Every Honda Marine outboard engine customer is supported by a five-year domestic or one-year commercial warranty. The Honda warranty maintains the same value throughout its lifetime, ensuring the last day of cover is exactly the same as the first; peace of mind for all Honda outboard owners.



## HONDA MARINE - 50 YEARS OF THE ULTIMATE FOUR-STROKE



1964	1967	1971	1987	1990	1993	1997	1998	1999	2000
 <b>THE FUTURE IS IN FOUR-STROKE</b>	 <b>GB25</b>	 <b>B45 &amp; B75</b>	 <b>BF8, BF9.9 &amp; BF15</b>	 <b>BF35 &amp; BF45</b>	 <b>BF25</b>	 <b>LARGEST FOUR-STROKE OUTBOARD PLANT</b>	 <b>WORLD'S FIRST FOUR-STROKE OVER 100HP</b>	 <b>BF2</b>	 <b>BF8 &amp; BF10</b>
<ul style="list-style-type: none"> <li>• Honda releases its first four-stroke outboard, the 4hp GB30.</li> <li>• Honda is already convinced that four-stroke outboard engine technology is the technology of the future.</li> </ul>	<ul style="list-style-type: none"> <li>• 59cc 2.5hp four-stroke outboard engine manufactured.</li> </ul>	<ul style="list-style-type: none"> <li>• 126cc 4.5hp &amp; 149cc 7.5hp water cooled four-stroke outboard engines manufactured.</li> </ul>	<ul style="list-style-type: none"> <li>• 197cc 8hp, 280cc 9.9hp &amp; 15hp water cooled four-stroke outboard engines manufactured.</li> </ul>	<ul style="list-style-type: none"> <li>• 808cc 35hp &amp; 45hp water cooled four-stroke outboard engines manufactured.</li> </ul>	<ul style="list-style-type: none"> <li>• 499cc 25hp water cooled four-stroke outboard engine manufactured.</li> </ul>	<ul style="list-style-type: none"> <li>• First outboard manufacturer to achieve total production of 500,000 four-stroke outboards from Honda's Hamamatsu factory plant in Japan.</li> </ul>	<ul style="list-style-type: none"> <li>• First outboard company to manufacture a four-stroke outboard over 100hp.</li> </ul>	<ul style="list-style-type: none"> <li>• 57cc 2hp four-stroke outboard engine manufactured.</li> </ul>	<ul style="list-style-type: none"> <li>• 222cc 8hp &amp; 10hp water cooled four-stroke outboard engines manufactured.</li> <li>• Models compliant with strict CARB 2008 ultra low emission regulations.</li> </ul>

## BOOSTED LOW SPEED TORQUE

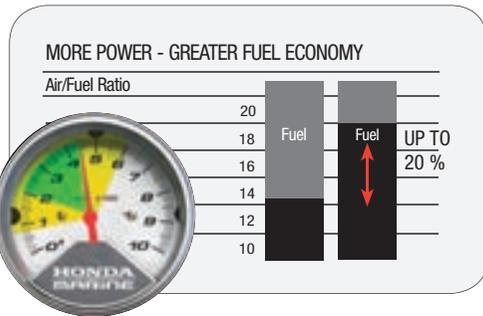


Honda's revolutionary BLAST™ (air/fuel ratio and ignition-timing) technology boosts engine torque at low rpm under rapid acceleration conditions. This contributes to strong hole shot performance, getting the hull up on the plane quicker (BF40 - BF250).

## LEAN BURN MOTOR



Honda's proprietary lean burn control technology ECOMo permits combustion to operate on a leaner air/fuel ratio than stoichiometric standard. Sensors precisely measure the air/fuel mixture ensuring best fuel economy in cruising mode (BF40 - BF250).



## NMEA2000 COMPLIANCE



All Honda outboards from the BF40 to BF250 are NMEA2000 compliant, allowing simplified connectivity with other NMEA2000 electronic equipment such as sonars/ fishfinders, chartplotters and other devices via CANbus network technology.

## AUTOMATIC IDLE CHARGE



The Automatic Idle Charge system meets increasing demand from onboard electronic equipment. At idle speed, if electrical demand increases the alternator automatically produces a higher output.

## VEETHREE MULTI-FUNCTION GAUGES

Honda's new NMEA2000 compliant multi function gauges have been designed to ensure simplified connection onboard and provide comprehensive information for users. These new gauges feature Honda's unique Eco light, which indicates ECOMo mode in operation (BF40 - BF250).



## TROLLING CONTROL

Trolling Control provides precise slow speed control, making it ideal for fishing and slow speed manoeuvres. Available on selected Honda outboards, engine speed can be controlled in increments of 50rpm from idle speed to 1000rpm/1100rpm (model dependent). A Trolling Control switch required to activate this feature is available through your authorised Honda Marine dealer as an optional accessory (BF40 - BF150).

## HONDA'S EXCLUSIVE CORROSION PROTECTION



Every Honda engine undergoes a vigorous four-stage coating process for protection against harsh conditions such as ultraviolet rays and extensive saltwater exposure. First, the double-sealed anodising treatment is applied to the aluminium alloy base, followed by the epoxy primer undercoat, the acrylic aqua marine silver paint and, finally, the acrylic resin topcoat. With Honda, complete durability means innovation at every level.

## ENGINE PROTECTION AND SECURITY



Honda outboard alert systems monitor critical engine functions including engine temperature, oil pressure, fuel injection and charging, and will alert the boat user to abnormal operating conditions. An audible buzzer and warning light will be activated if a fault is detected (BF40 - BF250). On non PGM-FI outboards (remote control models), the alert system will monitor engine temperature and oil pressure (BF8 - BF30).

2001	2002	2003	2005	2007	2008	2009	2010	2011	2014
<p>BF175, BF200 &amp; BF225</p>	<p>BF15 &amp; BF20</p>	<p>BF135 &amp; BF150</p>	<p>BF175, BF200 &amp; BF225</p>	<p>BF75 &amp; BF90</p>	<p>BF40 &amp; BF50</p>	<p>BF60</p>	<p>BF115, BF135, BF150, BF175, BF200 &amp; BF225</p>	<p>BF250</p>	<p>BF80 &amp; BF100</p>
<ul style="list-style-type: none"> <li>• 3471cc 175hp, 200hp &amp; 225hp water cooled four-stroke outboard engines manufactured.</li> <li>• Models compliant with strict CARB 2008 ultra low emission regulations and feature technologies such as VTEC &amp; Dual Stage Induction.</li> </ul>	<ul style="list-style-type: none"> <li>• 350cc 15hp &amp; 20hp water cooled four-stroke outboard engines manufactured.</li> <li>• Models compliant with strict CARB 2008 ultra low emission regulations.</li> </ul>	<ul style="list-style-type: none"> <li>• 2354cc 135hp &amp; 150hp water cooled four-stroke outboard engines manufactured.</li> <li>• Models compliant with strict CARB 2008 ultra low emission regulations and feature technologies such as VTEC, Dual Stage Induction, three-way cooling &amp; lean burn control.</li> </ul>	<ul style="list-style-type: none"> <li>• Featuring a narrow 60° V profile, large displacement 3.5L V6, SOHC engine.</li> <li>• Re-designed with an advanced Electronic Command Module (ECM), featuring an air feedback sensor and Honda's industry exclusive lean burn control system, reducing fuel consumption by 5%.</li> </ul>	<ul style="list-style-type: none"> <li>• The lightest weight engines ever produced in their class.</li> <li>• Unparalleled power to weight ratio.</li> <li>• Feature technologies such as BLAST, VTEC, ECOMo.</li> <li>• OEDA three star Ultra-Low Emission rating.</li> </ul>	<ul style="list-style-type: none"> <li>• 22% greater fuel efficiency than previous models.</li> <li>• Class-leading lightweight package with ultra quiet operation.</li> <li>• Technologies such as BLAST and PGM-FI (Programmed Fuel Injection).</li> </ul>	<ul style="list-style-type: none"> <li>• Honda's much-anticipated, brand new BF60.</li> <li>• Combines exclusive Honda technologies in a lightest-weight-in-class package that delivers best-in-class performance.</li> </ul>	<ul style="list-style-type: none"> <li>• Completely new BF115, incorporating BLAST and ECOMo.</li> <li>• Reworked and refined BF135, BF150, BF175, BF200 and BF225 are released to deliver more torque, even greater fuel efficiency, incorporate NMEA 2000 compatibility and other advantages such as BLAST and ECOMo.</li> </ul>	<ul style="list-style-type: none"> <li>• Introduce Honda's brand new flagship outboard - BF250 Silver Bullet</li> <li>• Honda changes its outboard engine colour from Oyster Silver to the new Aquamarine Silver.</li> </ul>	<ul style="list-style-type: none"> <li>• Brand new BF80 and BF100 added to model line-up.</li> <li>• Honda Marine celebrates its 50-year anniversary.</li> </ul>

# THE FLAGSHIP FOR PERFORMANCE AND CONSUMPTION

WITH A UNIQUE SYNERGY OF AUTOMOTIVE AND MARINE ENGINE TECHNOLOGIES, THE BF250 EPITOMISES HONDA'S PASSION FOR ENGINEERING EXCELLENCE. WITH ITS 3.6L V6 ENGINE, WORLD-FIRST DIRECT AIR INDUCTION SYSTEM AND STRIKING COWL DESIGN, THE BF250 DELIVERS THE ULTIMATE ON-WATER EXPERIENCE.



## 50 YEARS BF250

# THE ULTIMATE FOUR-STROKE.

## DESIGN WITH POWER

Honda's flagship BF250 combines a 3.6L V6 EFI engine with the world's first direct air induction system in an outboard to deliver outstanding overall performance and best-in-class fuel economy. Exclusive technologies such as BLAST™, ECOmo and VTEC™ operate in synergy with a high-performance gear case, 2:1 gear ratio and a superior battery charging system, to ensure maximum refined power in every aspect of its performance.

## LARGE DISPLACEMENT V6



60°, V6, 3.6L. A powerful, compact, 24-valve SOHC design, ensures superior performance, reliability and durability based on Honda's engineering excellence. This narrow V6 engine concept allows for simplified installation, particularly in multiple engine installation packages.

## POWER INTAKE AIR SYSTEM



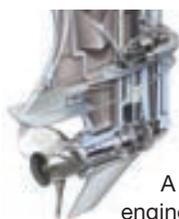
The dynamic design feature of the BF250 allows external air to be drawn directly into the engine. The result is a reduction in intake air temperature and an increase in air volume to the engine to deliver outstanding overall performance.

# ADVANCED TECHNOLOGY & SPECIAL FEATURES

## RACING TECHNOLOGY

VTEC™ delivers more power, torque and efficiency at every speed. At 4500rpm, VTEC™ engages a special high lift cam profile to provide more air (through increased valve opening) into the combustion chamber, resulting in more engine power.

## GEAR CASE



The gear case profile of the BF250 greatly enhances the hydrodynamics of the engine, increasing underwater efficiency. A 2:1 gear ratio allows the engine to produce powerful thrust and propeller grip. These two features allow the BF250 to accept much larger diameter propellers.

## LEAN BURN CONTROL

Lean burn control further improves fuel consumption (in cruising mode) versus competing outboards, resulting in reduced running costs. The mode in which lean burn control is used is referred to as ECOmo (Economy Controlled Motor).

## AUTOMATIC IDLE CHARGE

The Automatic Idle Charge system meets increasing demand from onboard electronic equipment. At idle speed, if electrical demand increases the alternator automatically produces a higher output.

## BOOSTED LOW SPEED TORQUE

Rapid throttle movement activates BLAST™, which significantly improves hole shot and acceleration. Advanced ignition timing produces more torque to get the hull on the plane quicker.

## VEETHREE GAUGES

Honda's new NMEA2000 compliant multi-function gauges have been designed to ensure simplified connection onboard and provide comprehensive information for users. Among other features, these new gauges feature Honda's unique Eco light, which indicates ECOmo mode in operation.



## FEATURES

- 'On Demand' 60amp, belt-driven alternator reduces heat build-up and provides superior battery charging capability – 48amp at trolling speed!
- 4-Front Corrosion Protection. A patented, 'double-sealed' multi-layered paint process. Sacrificial anodes and stainless steel technology, along with waterproof connectors, all enhance corrosion protection.
- Shift load control
- NMEA2000 compliant
- Five-year warranty



# ABSOLUTE POWER

HONDA'S BF175, BF200 AND BF225, WITH POWERFUL LARGE-DISPLACEMENT 3.5L V6 ENGINES, PROVIDE BOATERS WITH THE MOST TECHNOLOGICALLY ADVANCED OUTBOARD POWER AVAILABLE. BASED ON THE PROVEN TECHNOLOGY OF HONDA'S AUTOMOTIVE ENGINES AND INCORPORATING EXCLUSIVE MARINE TECHNOLOGIES, THESE REVOLUTIONARY, HIGH-HORSEPOWER OUTBOARDS DELIVER SUPERIOR TORQUE, TOP-END SPEED AND OVERALL WORLD-CLASS PERFORMANCE, RELIABILITY AND DURABILITY IN A NARROW, BALANCED 60° 'V' PROFILE POWERPLANT.



50  
BF175/200/225

# THE ULTIMATE FOUR-STROKE.

## MAXIMUM POWER

Packed with power, the BF175, BF200 and BF225 incorporate Honda's revolutionary Boosted Low Speed Torque (BLAST™) air/fuel ratio and ignition-timing technology, and lean burn control to deliver powerful acceleration together with outstanding fuel economy during cruising (EComo). A high-performance gear case further contributes to the V6 engine series' impressive acceleration and top-end speed. The BF225 is also equipped with Variable Valve Timing and Lift Electronic Control (VTEC™) – the same system Honda uses in its racing technology, sportscars and other motor vehicles. VTEC™ ensures smooth, stable idling, while the increased valve lift at high revs broadens the torque curve and provides incredible top-end power. All three engines are also NMEA2000 compliant, which allows the engines to communicate with onboard electronics to deliver a wide-range of information to head-unit displays.

## MINIMUM CONSUMPTION

The BF175, BF200 and BF225 consume up to 50% less fuel than conventional two-stroke engines, thanks to Honda's exclusive Programmed Fuel Injection (PGM-FI) and lean burn control systems. These advanced systems optimise the air/fuel mixture to ensure maximum performance out of every drop.

# ADVANCED TECHNOLOGY & SPECIAL FEATURES

## ULTIMATE COMFORT

These engines are twice as quiet as conventional two-stroke outboards. Honda's Variable Air Intake system controls the volume and velocity of air in the combustion chamber, making cruising as smooth as it is enjoyable.

## LARGE DISPLACEMENT V6



60° V6 3.5L. A powerful, compact, 24-valve SOHC design. Lacking the bulk and weight of long intake runners and multi-camshafts, the narrow V6 design ensures superior performance and

durability based on Honda's automotive engineering excellence.

## BOOSTED LOW SPEED TORQUE

Hole shot and acceleration is significantly improved by MBT trace control (ignition timing). MBT – Minimum advance for Best Torque. Advanced ignition timing develops more horsepower at low revs to get the hull up on the plane quicker. Super-strong acceleration with rapid advancement of the throttle.

## AUTOMATIC IDLE CHARGE

The Automatic Idle Charge system meets increasing demand from onboard electronic equipment. At idle speed, if electrical demand increases the alternator automatically produces a higher output.

## RACING TECHNOLOGY

VTEC™ delivers more power, torque and efficiency at every speed.

## LEAN BURN CONTROL

Inclusion of lean burn control offers significantly improved fuel consumption over direct injection two-stroke models and even further improved consumption over competing four-stroke models.

The mode in which lean burn control is used is referred to as EComo (Economy Controlled Motor).

## VEETHREE GAUGES

Honda's new NMEA2000 compliant multi-function gauges have been designed to ensure simplified connection onboard and provide comprehensive information for users. Among other features, these new gauges feature Honda's unique Eco light, which indicates EComo mode in operation.



## FEATURES

- 'On Demand' 60amp, belt-driven alternator reduces heat build-up and provides superior battery charging capability – 48amp at trolling speed!
- 4-Front Corrosion Protection. A patented, 'double-sealed' multi-layered paint process. Sacrificial anodes and stainless steel technology, along with waterproof connectors, all enhance corrosion protection.
- NMEA2000 compliant



# TECHNOLOGY THAT DELIVERS

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HONDA'S BF115, BF135, BF150 DELIVER WORLD-RENOWNED QUALITY AND RELIABILITY THROUGH ADVANCED ENGINEERING. ACHIEVING UNPARALLELED LEVELS OF PERFORMANCE, THESE ENGINES SET THE STANDARD IN INNOVATION FEATURING ADVANCED INLINE FOUR-CYLINDER TECHNOLOGY, DRAWN FROM HONDA'S DECADES OF AUTOMOTIVE EXPERIENCE. THESE ENGINES FEATURE A RANGE OF HONDA-EXCLUSIVE TECHNOLOGIES THAT PLACE THEM IN A LEAGUE OF THEIR OWN.



BF115/135/150

# THE ULTIMATE FOUR-STROKE.

## CUTTING-EDGE ADVANTAGES

Honda's BF115, BF135 and BF150 deliver seamless performance and optimum power for a smooth and enjoyable boating experience. Based on the same reliable engine that powers the globally-popular Honda Accord, the BF115, BF135 and BF150 have been manufactured with the world's most innovative, efficient and reliable technology. Both outboards offer power-to-weight ratios to rival two-stroke engines in the same class. Designed for use in all environments, these engines feature a unique set of Honda-exclusive technologies to provide increased power across the entire rev range.

## MAXIMUM POWER

The BF150 features Variable Valve Timing and Lift Electronic Control (VTEC™) developed for Honda's high-performance sportscars. Introduced in the early 1990s, VTEC™ is the benchmark technology used on every Honda motor vehicle sold today. The system ensures smooth, stable idling with an even further reduction in fuel consumption, while the increased valve lift at high revs broadens the torque curve and provides incredible top-end power.

# ADVANCED TECHNOLOGY & SPECIAL FEATURES

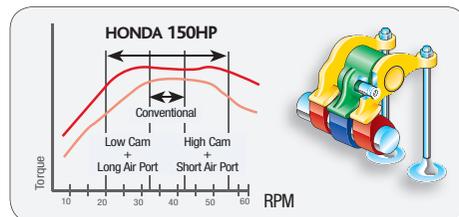
## RACING TECHNOLOGY

VTEC™ delivers more power, torque and efficiency at every speed. At 4500rpm, a special high-lift cam engages to pack more air into the combustion chamber to produce more power.

VTEC™ and Dual Stage Induction work to produce a longer, flatter torque profile: the ultimate in fine-tuned performance. [VTEC: BF150 only]

## BOOSTED LOW SPEED TORQUE

Hole shot and acceleration is significantly improved by MBT trace control (ignition timing). MBT – Minimum advance for Best Torque. Advanced ignition timing develops more horsepower at low revs to get the hull up on the plane quicker. Super-strong acceleration with rapid advancement of the throttle.



## LEAN BURN CONTROL

Inclusion of lean burn control offers significantly improved fuel consumption over direct injection two-stroke models and even further improved consumption over competing four-stroke models.

The mode in which lean burn control is used is referred to as ECOmo (Economy Controlled Motor).

## VEETHREE GAUGES

Honda's new NMEA2000 compliant multi-function gauges have been designed to ensure simplified connection onboard and provide comprehensive information for users. Among other features, these new gauges feature Honda's unique Eco light, which indicates ECOmo mode in operation.



## TROLLING CONTROL

Trolling Control allows slow speed control with adjustments in 50rpm increments between 650-900rpm. Trolling Control is an optional feature on the BF115/BF135/BF150. (Please contact your authorised Honda Marine dealer.)

## FEATURES

- Three-Way Cooling. Three separate cooling circuits for more power with long-term durability.
- 'On Demand' 40amp, belt-driven alternator reduces heat build-up and provides superior battery charging capability – 30amp at 1000rpm and 40amp at 2000rpm+!
- 4-Front Corrosion Protection. A patented, 'double-sealed' multi-layered paint process. Sacrificial anodes and stainless steel technology, along with waterproof connectors, all enhance corrosion protection.
- NMEA2000 compliant



# POWERFUL PERFORMER

HONDA'S BF75 AND BRAND NEW BF80 AND BF100 OUTBOARDS ARE BASED ON THE SAME ENGINE THAT POWERS ONE OF HONDA'S BEST-SELLING MOTOR VEHICLES, THE 'JAZZ'. THE COMPACT DESIGN INCORPORATES A RANGE OF HONDA EXCLUSIVE TECHNOLOGIES TO DELIVER BEST-IN-CLASS PERFORMANCE ON ALL LEVELS!



50  
BF75/80/100

# THE ULTIMATE FOUR-STROKE.

## BEST IN CLASS

The BF75, BF80 and BF100's 1.5L, SOHC, 16-valve, inline four-cylinder engine is inspired by the same remarkable engine that powers the iconic Honda motor vehicle, the 'Jazz'. With the exception of the cylinder sleeves, these engines feature an all-aluminium alloy block, resulting in a very lightweight and powerful package.

## BLAST OFF

Mind-blowing hole shot performance is a combination of Honda's revolutionary Boosted Low Speed Torque (BLAST™) system, which advances ignition timing during acceleration, and an exclusive high-performance, hydrodynamic gear case design that features an enlarged bullet and a low 2.33:1 ratio.

Multi-port Programmed Fuel Injection (PGM-FI), which delivers precise amounts of air/fuel to each of the four cylinders, also accurately controls ignition timing across the entire rev range, providing optimum overall performance.

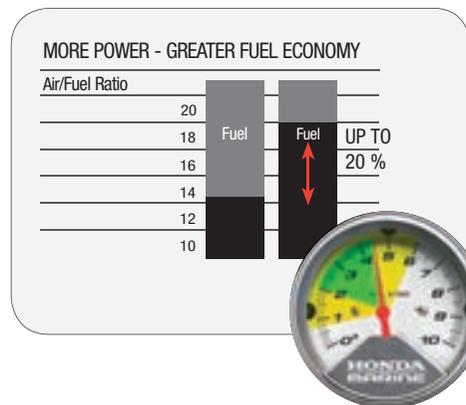
# ADVANCED TECHNOLOGY & SPECIAL FEATURES

## LEAN BURN CONTROL

Adjusts the air/fuel mix according to speed and load to maximise efficiency.

Inclusion of lean burn control offers significantly improved fuel consumption over direct injection two-stroke models as well as over competing four-stroke models.

The mode in which lean burn control is used is referred to as ECOmo (Economy Controlled Motor).



## RACING TECHNOLOGY

VTEC™ ensures smooth, stable idling with an even further reduction in fuel consumption, while the increased valve lift at high revs broadens the torque curve and provides incredible top-end power.

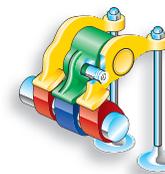
Variable Valve Timing and Lift Electronic Control (VTEC™) delivers more power, torque and efficiency at every speed.

At 5200rpm, a high-lift cam engages to pack more air into the combustion chamber to produce more power.

VTEC™ works to produce a longer, flatter torque profile: the ultimate in fine-tuned performance. (VTEC: BF100 only).

## VEETHREE GAUGES

Honda's new NMEA2000 compliant multi-function gauges have been designed to ensure simplified connection onboard and provide comprehensive information for users. Among other features, these new gauges feature Honda's unique Eco light, which indicates ECOmo mode in operation.



## TROLLING CONTROL

Trolling Control allows slow speed control with adjustments in 50rpm increments between 650-1000 rpm. Trolling Control is an optional feature on the BF75/BF80/BF100. (Please speak with your authorised Honda Marine dealer.)

## FEATURES

- Powerful 1.5L, SOHC, 16-valve, inline four-cylinder engine.
- Tiller steer option available.
- 4-Front Corrosion Protection. A patented, 'double-sealed' multi-layered paint process. Sacrificial anodes and stainless steel technology, along with waterproof connectors, all enhance corrosion protection.
- NMEA2000 compliant



# POCKET-SIZED POWERHOUSE

HONDA'S BF60 AND BFP60, WITH THEIR DIFFERENT GEAR CASE OPTIONS, COMBINE EXCLUSIVE HONDA TECHNOLOGIES IN A LIGHTWEIGHT PACKAGE TO DELIVER INCREDIBLE POWER AND PERFORMANCE.



## 50 YEARS BF60

# THE ULTIMATE FOUR-STROKE.

## JAM PACKED

Weighing 110kg, water-cooled, 998cm<sup>3</sup> three-cylinder engine incorporates electronic fuel injection, Honda's revolutionary Boosted Low Speed Torque (BLAST™) air/fuel ratio and ignition-timing technology, and lean burn control to deliver powerful start-up and acceleration together with outstanding fuel economy during cruising (ECOmo). A high-performance gear case further contributes to the BF60's impressive acceleration and top-end speed.

Along with its powerful 17amp (22amp Power Thrust model) alternator, the BF60 is also NMEA2000 compliant, which allows the engine to communicate with onboard electronics to deliver a wide-range of information to head-unit displays.

## POWER THRUST

A Power Thrust model (BFP60) is also available – in remote control configuration only at this stage. Its large gear case allows the use of a larger diameter and larger blade area propeller, which is particularly useful in big boat/heavy load applications.

# ADVANCED TECHNOLOGY & SPECIAL FEATURES

## FORWARD THINKING

Sporting a futuristic look that reflects its superior performance, the BF60 is available in remote control (including a Power Thrust model) and tiller versions. Among its many features, the multi-function tiller handle incorporates a power trim-tilt switch which is conveniently located in the throttle grip, so the engine can be easily trimmed while underway allowing the operator to remain completely focused on the water.

## BOOSTED LOW SPEED TORQUE

Hole shot and acceleration is improved by MBT trace control (ignition timing). MBT – Minimum advance for Best Torque.

## MULTI-FUNCTION TILLER HANDLE

The BF60's multi-function tiller handle incorporates a power trim-tilt switch in the throttle grip, so the operator can trim the engine while underway and remain completely focused on the water.

Other tiller handle functions including handle height adjustment, throttle friction adjustment and tool-less steering grip friction adjustment. The BF60 also has a reversible shift lever, which can be mounted on the left or right side.



## TROLLING CONTROL

Trolling Control allows slow speed control with adjustments in 50rpm increments between 750-1000 rpm. The tiller version of the BF60 and BFP60 comes standard with a Trolling Control switch. Trolling Control is an optional feature on remote control models. (Please contact your authorised Honda Marine dealer.)

## LEAN BURN CONTROL

Adjusts the air/fuel mix according to speed and load to maximise efficiency.

Inclusion of lean burn control offers significantly improved fuel consumption over direct injection two-stroke models as well as over competing four-stroke models.

The mode in which lean burn control is used is referred to as ECOmo (Economy Controlled Motor).

## VEETHREE GAUGES

Honda's new NMEA2000 compliant multi-function gauges have been designed to ensure simplified connection onboard and provide comprehensive information for users. Among other features, these new gauges feature Honda's unique Eco light, which indicates ECOmo mode in operation.



## FEATURES

- Power Thrust version is available.
- Powerful 17amp multi-pole AC generator (22amp on Power Thrust model).
- Both remote control and tiller steer versions available.
- 4-Front Corrosion Protection. A patented, 'double-sealed' multi-layered paint process. Sacrificial anodes and stainless steel technology, along with waterproof connectors, all enhance corrosion protection.
- NMEA2000 compliant



# ULTIMATE PERFORMANCE

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THE MOST TECHNOLOGICALLY-ADVANCED FOUR-STROKE 40HP AND 50HP OUTBOARD ENGINES THE WORLD HAS EVER SEEN. FUEL INJECTED EFFICIENCY AND BLAST™ TECHNOLOGY DELIVER POWERFUL ACCELERATION AND PERFORMANCE.



# 50 BF40/50

# THE ULTIMATE FOUR-STROKE.

## COMPACT INNOVATION

The BF40 and BF50 outboard engines retain their class-leading lightweight, compact packaging, enhanced with PGM-FI electronic fuel injection, Honda's original Boosted Low Speed Torque (BLAST™) air/fuel ratio and ignition-timing technology, and lean burn control to deliver powerful startup and acceleration together with outstanding fuel economy during cruising (ECOMo).

## WINNING DESIGN

A reduction gear is employed to achieve compact engine layout by offsetting the in-line three-cylinder engine forward, while a long-branch plastic inlet manifold and miniaturised electronic components further contribute to the class-topping lightweight, compact design.

Like Honda's larger outboard engines, the BF40 and BF50 feature a striking 'wing form' design, emphasising the design concept of slimness and strength.

# ADVANCED TECHNOLOGY & SPECIAL FEATURES

## ULTIMATE PERFORMANCE

BLAST™, along with a streamlined gear case and other features, contributes to fast acceleration and an impressive top speed.

Hole shot and acceleration is improved by MBT trace control (ignition timing). MBT – Minimum advance for Best Torque.

Advanced ignition timing develops more horsepower at low revs to get the hull up on the plane quicker. Super-strong acceleration from 0-50m!

## OPERATIONAL PERFORMANCE AND RELIABILITY

A set of four warning lamps alerts the operator in the event of low oil pressure, overheating, charging malfunction, or PGM-FI electronic fuel injection system malfunction.

Waterproofing of the gear case has been enhanced with an optimised shift rod seal and other improvements.

## LEAN BURN CONTROL

Adjusts the air/fuel mix according to speed and load to maximise efficiency.

Inclusion of lean burn control offers significantly improved fuel consumption over direct injection two-stroke models as well as over competing four-stroke models.

The mode in which lean burn control is used, is referred to as ECOMo (Economy Controlled Motor).

## MULTI-FUNCTION TILLER HANDLE

Available as an option, the multi-function tiller handle for the BF40/50 incorporates a power trim-tilt switch in the throttle grip, so the operator can trim the engine while underway with clear focus on the water. An integrated engine alert panel provides both visual and audible alerts including oil pressure, overheating, engine management and battery charging to ensure peace of mind.



## TROLLING CONTROL

Trolling Control allows slow speed control with adjustments in 50rpm increments between 750-1000 rpm. The tiller version of the BF60 and BFP60 comes standard with a Trolling Control switch. Trolling Control is an optional feature on remote control models. (Please contact your authorised Honda Marine dealer.)

## VEETHREE GAUGES

Honda's new NMEA2000 compliant multi-function gauges have been designed to ensure simplified connection onboard and provide comprehensive information for users. Among other features, these new gauges feature Honda's unique Eco light, which indicates ECOMo mode in operation.



## FEATURES

- 17amp battery charging capacity – at the top of its class for outboard engines with the same output.
- BF40 and BF50 can be used with a wide range of boat types due to their lightweight, compact design.
- A new one-touch plastic cap permits easy inspection of anode wear inside the engine, for significantly improved ease of maintenance.
- Noise levels have been reduced by 1.0dB over the previous model.
- 4-Front Corrosion Protection. A patented, 'double-sealed' multi-layered paint process. Sacrificial anodes and stainless steel technology, along with waterproof connectors, all enhance corrosion protection.
- NMEA2000 compliant



# THE QUIET ACHIEVER

HONDA'S BF30 BOASTS A HOST OF INNOVATIVE FEATURES. NO NEED TO MIX OIL AND FUEL EFFICIENCY THAT WILL PAY FOR ITSELF. AMPLE POWER WITH EXCEPTIONAL TORQUE THROUGH THE MID RANGE. BOATING HAS NEVER BEEN EASIER.



## BF30

# THE ULTIMATE FOUR-STROKE.

## VERSATILITY AND POWER

The BF30 is compact and lightweight powerplant that combines Honda's world-renowned reliability with instant throttle response and extraordinarily smooth, stable and quiet operation. This engine incorporates a number of user-friendly features that enables maximum on-water enjoyment, whether trolling in the shallows or motoring across open water.

## A BREATH OF FRESH AIR

As four-stroke engines run on unleaded petrol, there's no need to mix oil and petrol. As a result, even at idle there's no need to worry about unpleasant fumes that are common to two-stroke engines.

## CRUISE WITH CONFIDENCE

The BF30 incorporates a number of innovative features including: Auto Start Enrichment; a Centre Mount Tiller; Programmed Ignition (PGM-IG); nonlinear mounting; Engine Alert System; and power trim and tilt. With such functional and reliable features, boating has never been easier. The BF30 is available in both remote control and tiller steer configurations for use in a wide range of boating applications.

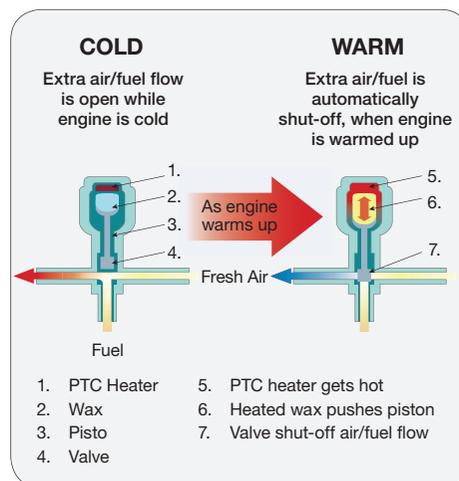
# ADVANCED TECHNOLOGY & SPECIAL FEATURES

## CENTRE MOUNT TILLER

- Ergonomically designed for exceptionally comfortable control
- Handle is 200mm longer and angled 125mm higher
- Remote control models also available

## AUTO START ENRICHMENT

The ECU automatically adjusts the air/fuel mixture for quick, easy starting just like fuel injection.

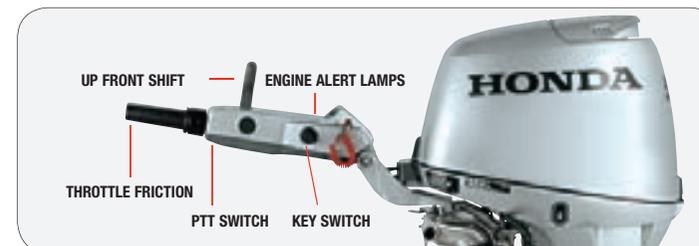


## DUAL ACTION POWER TRIM AND TILT

Get better hull manoeuvrability and performance with Honda's power trim and tilt models. Trim range is -4° to +12°

## FEATURES

- Large 552cc displacement engine. Provides superior torque in mid-range operation.
- Compact three-cylinder, three-carburettor design utilises one carburettor per cylinder. This design is more responsive than competitive throttle bodies with long intake runners.
- Programmed Ignition (PGM-IG) accurately controls ignition timing during start-up and across the entire rev range for optimum overall operation.
- 10amp (electric start) alternator ensures battery charge is maintained while operating electronics and other accessories.
- Honda's innovative Engine Alert System monitors vital engine functions and assists in preventing damage by alerting the operator of overheating and low oil pressure.
- Gas assist tilt tiller handle model available.
- 4-Front Corrosion Protection. A patented, 'double-sealed' multi-layered paint process. Sacrificial anodes and stainless steel technology, along with waterproof connectors, all enhance corrosion protection.



# OUTSTANDING PERFORMANCE

HONDA'S BF15 AND BF20 DELIVER UNRIVALLED INNOVATION TO THE PORTABLE RANGE. IDEALLY SUITED TO 3-4.5M ALUMINIUM AND INFLATABLE BOATS, THESE ENGINES PROVIDE RESPONSIVE, SMOOTH AND RELIABLE POWER IN A LIGHTWEIGHT DESIGN. HONDA'S ADVANCED FOUR-STROKE TECHNOLOGY RESULTS IN EFFICIENT CLEAN AND QUIET OPERATION.



## 50 YEARS BF15/20

# THE ULTIMATE FOUR-STROKE.

## RELIABILITY IN A COMPACT DESIGN

With a high output 350cc displacement and long-stroke design, the BF15 and BF20 are top performers, providing optimum torque at any speed. Programmed Ignition (PGM-IG) also accurately controls ignition timing during start-up and across the entire rev range for optimum overall operation. A 12amp (electric start) alternator also ensures excellent charging power to keep batteries in top condition. Thanks to their incredible lightweight, the engines are also very easy to transport. A foldaway handle positioned at the exact balance point of each engine makes it easy to carry the outboard in a level position.

## SUPERIOR HANDLING POWER

The BF20 is equipped with Power Tilt and Gas Assist Tilt variations – perfect for effortless engine tilt operations and shallow-water running. Cruising is improved and more comfortable with Honda's unique pendulum-motion mounting system. This system, featured in both the BF15 and BF20, is specially designed to reduce vibration and maximise user comfort. A convenient Forward Mount Shift Lever allows fingertip shifting, while a Twist Grip Throttle and Tensioner ensures superior throttle friction, minimising driver fatigue.

# ADVANCED TECHNOLOGY & SPECIAL FEATURES

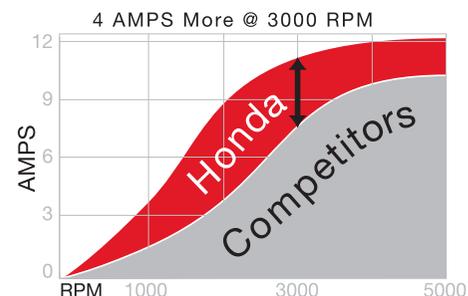
## POWER TILT & GAS ASSIST TILT

Honda's exclusive Power Tilt, Gas Assist Tilt and Manual Tilt variations put these engines in a class of their own.



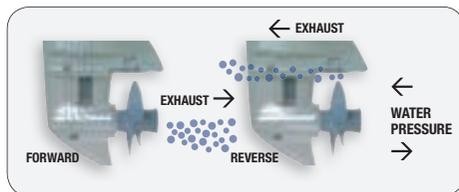
## HIGHEST AMPS

12amp (electric start) and 6amp (manual start) alternators keep batteries in top condition with a lot more charging power.



## REVERSE EXHAUST RELIEF

Exhaust gases are diverted away from the propeller while in reverse, allowing the propeller to run in clean water.



## BROAD RANGE OF MODELS

The BF20 is available in nine separate model variations including manual or electric start, power or gas assisted tilt, and tiller or forward control.

## POWER THRUST OPTION (FOUR BLADE PROPELLER)

A Power Thrust propeller is also available for the BF15/BF20. This propeller has been matched to ensure the BF15/BF20 can be installed on and be more suited for use on heavier, slower moving displacement type craft.



## FEATURES

- High output 350cc displacement engine. Provides superior torque throughout the entire rev range.
- Auto Start Enrichment (on electric start models) automatically adjusts the air/fuel mixture for quick, easy starting and warm-up just like fuel injection.
- 12amp (electric start) alternator ensures battery charge is maintained while operating electronics and other accessories.
- Convenient foldaway handle positioned at the exact balance point of each engine makes it easy to carry the outboard in a level position.
- 4-Front Corrosion Protection. A patented, 'double-sealed' multi-layered paint process. Sacrificial anodes and stainless steel technology, along with waterproof connectors, all enhance corrosion protection.



# FREEDOM ON THE WATER

HONDA'S BF8 AND BF10 HAVE DESERVED REPUTATIONS BUILT ON SUPERIOR RELIABILITY AND ECONOMY. COMBINING RESPONSIVE, RELIABLE AND ECONOMICAL POWER IN A LIGHTWEIGHT PACKAGE, THESE ENGINES DELIVER COMPLETE SATISFACTION. PERFECT FOR USE ON INFLATABLE BOATS AND SMALL ALUMINIUM DINGHIES, THE BF8 AND BF10 ARE EASILY TRANSPORTABLE THANKS TO THEIR CONVENIENT FOLDAWAY CARRY HANDLES.



## 50 YEARS

# BF8/10

# THE ULTIMATE FOUR-STROKE.

## COMPACT AND POWERFUL

The BF8 and BF10 have been designed for boaters who want dependable performance in a portable package. Perfectly suited for use with sailboats, inflatables and small aluminium boats, their lightweight and compact profile make them very easy to transport. A foldaway handle positioned at the exact balance point of each engine makes it easy to carry the outboard in a level position.

## ADVANCED PERFORMANCE

As with all Honda outboards, advanced four-stroke technology means unparalleled easy starting, quiet operation and low emissions. The BF8 and BF10 have very low fuel consumption and maintenance costs, yet still deliver optimum performance and durability for which Honda is renowned. Programmed Ignition (PGM-IG) also accurately controls ignition timing during start-up and across the entire rev range for optimum overall operation.

# ADVANCED TECHNOLOGY & SPECIAL FEATURES

## EASY HANDLING

For increased control and reduced steering effort, the BF8 and BF10 feature a large gear shift lever located at the front of the engine. This convenient Forward Mount Shift Lever allows fingertip shifting, while a Twist Grip Throttle and Tensioner ensures superior throttle friction, minimising driver fatigue and enhancing manoeuvrability.

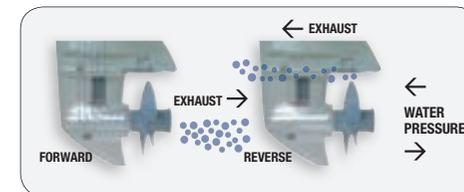
## POWER THRUST OPTION (FOUR BLADE PROPELLER)

A Power Thrust propeller is also available for the BF8/BF10. This propeller has been matched to ensure the BF8/BF10 can be installed on and be more suited for use on heavier, slower moving displacement type craft.



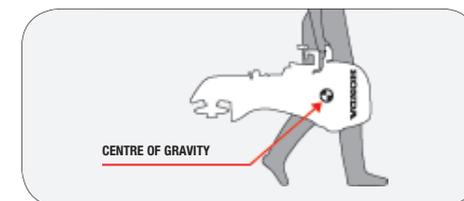
## REVERSE EXHAUST RELIEF

Exhaust gases are diverted away from the propeller while in reverse, allowing the propeller to run in clean water.



## LIGHTWEIGHT DESIGN

- The BF10 is one of the lightest four-stroke engine in its class. This allows convenient transport and easy mounting to any hull.
- Convenient foldaway handle positioned at the exact balance point of each engine makes it easy to carry the outboard in a level position.



## FEATURES

- Programmed Ignition (PGM-IG) accurately controls ignition timing during start-up and across the entire rev range for optimum overall operation.
- Convenient Forward Mount Shift Lever allows fingertip shifting, while a Twist Grip Throttle and tensioner ensures superior throttle friction, minimising driver fatigue.
- High Output Charging – 12amp (electric start) and 6amp (manual start) outlets maintain battery charge and keep electronics powered, even at trolling speed.
- 4-Front Corrosion Protection. A patented, 'double-sealed' multi-layered paint process. Sacrificial anodes and stainless steel technology, along with waterproof connectors, all enhance corrosion protection.





# CARE-FREE BOATING

HONDA'S BF2.3 AND BF5 ARE EXTREMELY RELIABLE AND QUIET. THE LIGHTWEIGHT DESIGN AND ERGONOMIC CARRY HANDLES OF THESE ENGINES MAKES BOATING CONVENIENT AND FUN, RATHER THAN A HASSLE. HONDA'S ADVANCED ENGINEERING PACKS LOTS OF PERFORMANCE INTO A SMALL PACKAGE, COMBINING A LARGE NUMBER OF INNOVATIVE FEATURES IN THE LIGHTEST POSSIBLE PACKAGE!

# THE ULTIMATE FOUR-STROKE.

## PORTABLE POWER

Although these compact engines pack enough punch to push a boat out to sea, they're light enough to be carried back to the car! Thanks to the ergonomic carry handle fitted to each engine, the BF2.3 and BF5 can be taken anywhere. Despite their size, these engines boast all the benefits of Honda's advanced four-stroke technology, which is second to none. The BF5 features a 3amp battery charging outlet as standard equipment, as well as a safety lock-out system that allows the engines to be started only in neutral gear.

## EASY AND COST-EFFECTIVE TO OPERATE

For increased control and reduced steering effort, the BF2.3 and BF5 each have a Twist Grip Throttle which ensures superior throttle friction and enhances response and manoeuvrability. Just like the rest of Honda's outboard range, these engines are also extremely fuel efficient.

# ADVANCED TECHNOLOGY & SPECIAL FEATURES

## THE RIGHT AMOUNT OF MUSCLE

Boaters can take advantage of significantly higher engine displacement for more low and mid-range power. Even at low revs, the BF2.3 and BF5 have solid and reliable torque to move heavier hulls than other engines in their class.

## ROTATES 360° (BF2.3)

Get in and out of tight spots with ease, or go in any direction on the compass, with this extremely manoeuvrable engine.



## CENTRIFUGAL CLUTCH (BF2.3)

This model comes standard with a centrifugal clutch. The engine is able to maintain a smooth idle and then upon advancing the throttle it automatically engages the propeller above idle speed. It's like having a neutral position.



## FEATURES

- World-renowned Honda four-stroke quality combines proven reliability and superior fuel efficiency, with no oil mixing.
- Lightest 2.3hp four-stroke available! Even lighter than most two-stroke outboards.
- 1L integral fuel tank facilitates easy removal and portability as one unit. (BF2.3).
- Lightweight/compact design. Easy to transport and perfect for small tenders.
- Twist Grip Throttle ensures precise throttle control, while the throttle tensioner minimises driver fatigue.
- BF5 incorporates a safety lock-out system that permits the engines to be started only in neutral gear.
- BF5 features a 3amp battery charging outlet as standard equipment.
- 4-Front Corrosion Protection. A patented, 'double-sealed' multi-layered paint process. Sacrificial anodes and stainless steel technology, along with waterproof connectors, all enhance corrosion protection.





## SEA WORLD

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**SEA WORLD, THE MULTI-AWARD WINNING 25 HECTARE PARK LOCATED ON QUEENSLAND'S GOLD COAST, IS ONE OF THE LARGEST MARINE THEME PARKS IN THE WORLD. THE PARK'S COMMITMENT TO EDUCATING VISITORS ABOUT PROTECTING THE MARINE ENVIRONMENT AND ITS ACTIVE ROLE IN AUSTRALIAN MARINE RESEARCH AND RESCUE IS NATIONALLY AND INTERNATIONALLY RECOGNISED.**

## RESEARCH AND RESCUE

Honda is the official and exclusive outboard motor and ski boat sponsor for Sea World and is proud to be partners for the research and rescue boat, Sea World 2. The Sea World Research and Rescue Foundation is a non-profit organisation dedicated to funding and promoting independent marine research projects. Through research and rescue activities, the Foundation aims to help build knowledge and appreciation of the wondrous variety of life in our oceans. The Sea World Research and Rescue Foundation Inc (SWRRFI) has been a major benefactor of marine research in Australia since its incorporation in 1991. The Foundation seeks to encourage and assist marine sciences and to date has supported over 120 research projects relating to aspects of the biology of marine vertebrates and considers applications from both the private and public sectors.

<http://seaworld.com.au/research-and-rescue.aspx>

## SEA WORLD – DOLPHIN COVE, SHARK BAY & SEA LION STADIUM

Honda is a major corporate partner of Sea World. The partnership now spans over 10 years, with no end to the alliance in sight. Honda's portable BF15 and BF20 are used in Sea World's wonderful marine attractions Shark Bay, the dolphin show Imagine and Sea Lion Show – Fish Detectives. These motors are lightweight, economical and, most importantly, environmentally friendly.

<http://seaworld.com.au/rides-and-attractions.aspx>

## BOAB BOAT HIRE

AS AUSTRALIA'S LEADING TRAILERABLE BOAT HIRE COMPANY, BOAB BOAT HIRE USES HONDA ENGINES EXCLUSIVELY ON EVERY BOAT WITHIN ITS AUSTRALIA-WIDE NETWORK.

Boab Boat Hire provides consumers with an easy, affordable and safe option to get out on the water. The company's selection of well-maintained, environmentally-friendly hire boats come equipped on a trailer or already launched and ready to go. Whether it's a lazy day spent cruising, a fun-filled day of water sports, or an inshore or offshore fishing adventure, Boab Boat Hire has the boat for you!

Boab offers the choice of several fully-equipped vessels – a large Centre Cab powered by a Honda BF150; a Sports Rider with either a Honda BF135 or Honda BF90; a Kimberley All-Rounder with a Honda BF75 and a smaller Runabout with a Honda BF50. Boab boats are fitted

with quality marine electronics, safety gear and other essential equipment for a safe and enjoyable time on the water. They can be towed to any destination for a day, a weekend, a week or longer.

Safety, reliability, economy and trust are essential features of Boab's philosophy and operational requirements, particularly when hiring boats to the general public. Not only does the Honda brand stand true on all of these features, Honda also has the corporate culture to ensure these values continue to be upheld in the form of providing the market with a product that's second to none!

 [www.boabboathire.com.au](http://www.boabboathire.com.au)



## UNFORGETTABLE HOUSEBOATS

HONDA-POWERED DREAM HOLIDAYS ON THE MIGHTY MURRAY  [www.unforgettablehouseboats.com.au](http://www.unforgettablehouseboats.com.au)

Unforgettable Houseboats has the largest and most luxurious fleet of houseboats in Australia... powered exclusively by Honda outboards.

Based on the Murray River at Mannum, in South Australia, Unforgettable Houseboats' current fleet comprises 10 houseboats, which have from two up to 12 berths, catering for honeymoons through to family holidays. The vessels feature such luxuries as king-size and queen-size beds, spas, gourmet galleys with dishwashers and microwaves, ducted air-conditioning and other home-away-from-home comforts.

Powering one of these beauties is no mean feat, which is why Honda is the outboard of choice. In fact, the business has 24 of the technologically-advanced engines, powering everything from its largest three-tiered cruiser to its smallest tender!

Honda's BF75, BF90, BF115 and BF135 outboards are the most widely-used models in the fleet. As well as being very fuel-efficient and powerful enough to move these mighty river cruisers, they're super reliable.

Unforgettable Houseboats proprietor Mark Flanagan said he had a couple of Honda engines that had logged over 8500 hours! The consummate

professional, Mark would never settle for second best and said reliability was "everything".

"We look for maximum commercial life with the minimum amount of down-time, and we don't need to look any further than Honda. Running a hire-drive operation such as this, where people are essentially on their own to enjoy their holiday, absolutely everything on that boat has to be 110 per cent reliable... and Honda delivers that, along with super-quiet operation, environmentally-friendly and fuel-efficient operation."



# PASSION FOR FISHING

TEAM HONDA MARINE IS AN EXCITING  
LOYALTY PROGRAM FOR OWNERS  
OF HONDA OUTBOARD ENGINES.  
[WWW.TEAMHONDAMARINE.COM.AU](http://WWW.TEAMHONDAMARINE.COM.AU)



TEAM HONDA MARINE

## JOIN FREE TODAY!

Promoting environmentally-friendly fishing and boating, THM encourages active online participation among its members, through fishing photo competitions, member blogs, special offers and much more.

Membership is **FREE** to all owners of Honda outboard engines – and all members are encouraged to make the most of the exclusive special offers available on the website throughout the year.

As the primary communications portal for members, the THM website also offers:

- Video-based fishing/boating tips and techniques
- Pro Angler reports from around Australia
- Latest news and upcoming events
- Member-only competitions
- Members blog to post photos/stories of latest catches
- Periodic e-newsletter sent to all members

Visit [www.teamhondamarine.com.au](http://www.teamhondamarine.com.au) and sign-up for your **FREE** membership to become a THM member today!

**CLICK HERE TO FIND OUT MORE.**



[www.facebook.com/TeamHondaMarine](http://www.facebook.com/TeamHondaMarine)

[www.twitter.com/TeamHondaMarine](http://www.twitter.com/TeamHondaMarine)

[www.youtube.com/TeamHondaMarine](http://www.youtube.com/TeamHondaMarine)

<https://plus.google.com/113121755686710221532>

# SHANE MENSFORTH

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Shane Mensforth has been fishing since he was a pre-schooler. Always keen on anything to do with boats or fish, after 13 years as a school teacher he abandoned the classroom in favour of the great outdoors and is now regarded as one of Australia's most respected fishing and boating journalists.

Shane publishes *South Australian Angler* magazine, which is the longest established regional fishing journal in the country, and regularly contributes to several national fishing and boating magazines and newspapers.

Having fished extensively throughout Australia and the rest of the world, Shane considers a Great White shark (now a protected species) – estimated at over a metric tonne –

to be his greatest capture. He fought the monster for over six hours on 24kg stand-up tackle, before tagging and releasing it. It may very well be the largest fish ever caught on stand-up tackle in the world.

These days Shane is more interested in fly fishing, chasing yellowtail kingfish and, of course, tackling the big snapper for which his home state is famous. With a son that's also mad keen on boats and fish, the tradition looks set to continue.

"No matter how far offshore I may be fishing, I have complete confidence my Honda will always get me home – hopefully with a feed for the family!"

 [saangler.com.au](http://saangler.com.au)  
 [facebook.com/saanglermagazine](https://facebook.com/saanglermagazine)



# DAVE 'NUGGET' DOWNIE

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Dave 'Nugget' Downie was an electronics technician who spent more time fishing than working. As a result of catching more than his fair share of fish and winning a few fishing competitions, Nugget was asked to write for a fishing magazine. He then studied media and journalism at university and turned his passion into a full-time job: fishing and talking about fishing seven days a week.

These days, you can catch Nugget on Radio 4BC broadcasting to Queensland every weekend. His shows go to air on Friday 7pm-8pm, Saturday 5am-6am and Sunday

6pm-8pm. You can also read his weekly fishing reports in the *Albert & Logan News*, *Bayside Bulletin*, *Courier Mail* and *Trader Tag* newspapers.

His reports cover what's biting in southeast Queensland – from freshwater to offshore. If you're planning to go fishing on the weekend, let Nugget help you decide where.

"Southeast Queensland waterways are beautiful and bountiful... but without my Honda, I'd struggle to catch my share."

 [nuggetoutdoors.com.au](http://nuggetoutdoors.com.au)  
 [facebook.com/pages/Nugget-Outdoors/462886883738233](https://facebook.com/pages/Nugget-Outdoors/462886883738233)  
 [twitter.com/NuggetOutdoors](https://twitter.com/NuggetOutdoors)



## JASON WILHELM

Jason Wilhelm is one of Australia's most well-known barra anglers, although he loves fishing for all species – particularly on the Great Barrier Reef and surrounding coastline around Gladstone.

His monthly Team Honda Marine reports are based around his angling and spearfishing activities in the Central Queensland region, where you can read about techniques, types of lures and gear used, safety tips and locations as well as fuel consumption data of his Honda outboard.

Jason is also involved in other fishing media, from television shows and electronic/print media – such as *Freshwater Fishing Australia*,

*Sport Fishing Australia*, *Barra Bass and Bream* and *NAFA* magazines – and social networking sites such as Facebook. Jason's also a member of Rex Hunt's Off the Hook fishing radio program and contributes to a number of other local radio stations.

He has a passion for helping other anglers, especially getting kids into the sport and helping them gain more knowledge on fishing and being safe on the water.

"My aim is for people to enjoy my reports and images, to gain some valuable tips along the way, as well as get a feel for why Honda is my number one choice."

 [facebook.com/jason.wilhelm.79](https://www.facebook.com/jason.wilhelm.79)

 [Twitter.com/BarramadJason](https://twitter.com/BarramadJason)



## STEPHEN BOOTH

Stephen Booth's lifelong passion for fishing has grown into a successful 20-year career, which began with a part-time job as a sales assistant with the Compleat Angler retail chain.

After completing an environmental science degree at university, Stephen moved on to an editorial role with *Freshwater Fishing Australia* and he is currently the managing editor of *Queensland Fishing Monthly*, *New South Wales Fishing Monthly* and *Victoria & Tasmania Fishing Monthly* magazines.

Along with having countless articles published over the years, Stephen has written two books, appeared on several television programs and is a regular on various radio shows up and down the east coast of Australia.

Based in southeast Queensland, Stephen has access to some of the best estuary and inshore fishing in the country. As he readily

admits, though, it's a long drive to his beloved Murray River to go cod fishing!

Known throughout the fishing and boating industry as an 'all-round nice bloke', Stephen readily shares with Team Honda Marine members his favourite techniques for a range of species and how his Honda helps him achieve these results.

"Environmentally, you just can't go past Honda and its advanced four-stroke technology... together with exceptional fuel economy and unequalled reliability, Honda really delivers the entire package."

 [fishingmonthly.com.au](http://fishingmonthly.com.au)

 [facebook.com/stephen.boothfmg](https://www.facebook.com/stephen.boothfmg)





## BRENT HODGES

Brent Hodges developed a passion for angling at an early age – thanks largely to his father. Between the many weekends spent chasing redfin, trout and bream all over Victoria, Brent and his brother spent countless hours on the banks of their home water, the Werribee River in Melbourne.

Active in the fishing media, Brent submitted his first article 10 years ago, which made the front cover of *South-West Fishing* magazine. He's since contributed feature articles, local area reports and photographs to a range of publications, including *Sport Fishing Australia*, *Freshwater Fishing Australia*, *Victoria & Tasmania Fishing Monthly*, *South East & West Fishing Victoria*, *Fishing World* and a few books. Brent also prepares a regular online report titled 'Port Phillip North & Beyond' which is available on Fishnet, Angling Victoria and the Team Honda Marine website.

Nowadays, most of Brent's time is spent casting lures and soft plastics in search of snapper, silver trevally, Australian salmon, flathead and bream across the western shores of Port Phillip Bay and its tributaries. He also regularly visits various estuaries dotted along the southeast coast of Victoria and southern New South Wales.

"The 'stealth factor', due to my Honda's ultra-quiet operation, plays a large part in my fishing success."

 [facebook.com/brent.hodges.967](https://facebook.com/brent.hodges.967)

## THEO ROZAKIS

A well known face on television, Theo Rozakis combines his role as a Honda Marine Dealer with his duties as host of the long running and ever popular fishing and lifestyle programme *River to Reef*.

With his boyish charm and warm personality, Theo brings years of boating experience and his passion for fishing and boating to the show. *River to Reef* has been an innovator and leader in style and content amongst the myriad of other fishing programmes for almost 10 years.

Theo enthuses "And that's why we recommend Honda engines. Staying ahead of the competition with integrity, innovation and reliability keeps us both at the forefront of our wonderful industry".

You can catch *River to Reef*, Theo and the team for all the fishing, boating tips and much more on Foxtel Aurora Channel 183. See your local guide for details.

 [facebook.com/RiverToReef](https://facebook.com/RiverToReef)

 [rivertoreef.com.au/](https://rivertoreef.com.au/)

 [youtube.com/rivertoreef](https://youtube.com/rivertoreef)

## STEVE GILL

Steve Gill is one of Australia's premier bream anglers and Honda's only sponsored ABT tournament angler. In an arena dominated by two-stroke outboards, he is a valuable member of Team Honda Marine whose success is testament to both his ability and the products he chooses to use.

Spending 90 per cent of his fishing time targeting bream on lures, the species has been his fishing staple for the past 12 years. To this day, he still enjoys chasing the wily bream over all other species.

Based on the New South Wales south coast, Steve's Team Honda Marine reports are predominantly focused on estuary and inshore species including bream, bass, mullet, estuary perch, flathead, luderick, whiting, black drummer, snapper, kingfish – and the occasional tuna and marlin.

Steve also features in a number of *Fishing World's* popular 'How To' videos, as well as a new online series called *Ecogear TV Australia*.

"Engine reliability is integral to tournament success and the reliability of my Honda is second to none."

## CHARLIE MICALLEF

Charlie Micallef has always had a passion for the ocean. He used to compete in spearfishing competitions and has dived many areas in New South Wales and Victoria.

Charlie said Rex Hunt inspired him to first pick up a fishing rod. He has since caught many species and has become very fond of the southern end of Port Phillip and the large gummy sharks that cruise there.

As a Melbourne-based fishing guide, Charlie takes people out on their own boats and teaches them the correct way to fish. He has also made a name for himself as a pro-reporter on Fishnet and has recently turned his hand to making local fishing DVDs about snapper and gummy sharks.

Along with his Team Honda Marine reports, you can tune into Charlie on Friday morning on 97.7FM and on Saturday morning on SEN 1116AM and 94.7FM The Pulse to hear what's going on around Port Phillip, Western Port and Bass Strait.

"My Honda runs like a dream... it really is the ultimate four-stroke."

 [savageseasadventures.com.au](https://savageseasadventures.com.au)

 [facebook.com/SavageSeasAdventures](https://facebook.com/SavageSeasAdventures)

# ALWAYS DEMAND HONDA GENUINE PARTS & ACCESSORIES

HONDA MARINE PARTS AND ACCESSORIES ARE ENGINEERED WITH THE SAME PASSION FOR PERFECTION AS ALL HONDA ENGINES. PROPER MAINTENANCE USING GENUINE HONDA PRODUCTS WILL ENSURE A LONG AND PLEASURABLE BOATING EXPERIENCE. ALL OUTBOARD ENGINES HAVE IT ROUGH IN THEIR WATERY ENVIRONMENTS AND HAVE TO STAND UP TO HIGH RPM AND DEMANDING LOADS. WORK WITH YOUR LOCAL HONDA DEALER TO DEVELOP AN ALL-SEASON MAINTENANCE SCHEDULE, WHICH WILL ENSURE FURTHER PEACE OF MIND WHILE ON THE WATER.

## HONDA ENGINE OIL

Honda's FC-W rated 10W-30 marine oil has been globally approved by the National Marine Manufacturing Association (NMMA) to meet the rigorous FC-W standards.

### Benefits of using Genuine Honda Marine Oil

- Increased rust and oxidation inhibitors to fight corrosion in the marine environment.
- Shear stable polymers to resist viscosity breakdown under high rpm and high-load conditions.
- Superior anti-foaming characteristics to better protect the engine at high rpm.
- Additional anti-wear additives for improved bearing protection.
- Available in 20L, 4L and 946ml

## GEAR CASE OIL

Synthetic blend designed to provide the maximum amount of protection for your Honda gear case.

## CORROSION PROTECTION SPRAY

Multi-purpose lanolin liquid. (12 Cans)

## MARINE CARE KITS

Give your Honda some T.L.C. before you hit the water. Honda Marine Care Kits include;

- 1 x Honda Marine Multi-Purpose Grease (397g)
- 1 x Honda Multi Purpose Lanolin Spray (400g)
- 1 x Honda Spray Cleaner and Polish (340g)
- 1 x Honda Fuel Stabiliser (236ml)

## HONDA MARINE WASH

Honda Marine Wash is a concentrated, powerful heavy duty cleaner which effectively cleans all washable surfaces of grease and grime.

## HONDA MARINE STAIN REMOVER

Honda Marine Stain Remover is an acid-based cleaner designed for removing salt stains, waterline stains and rust stains.

## TRIM & TILT FLUID

Specially formulated and premium blended for Honda Marine outboard Power Trim & Tilt Systems.

Resists viscosity breakdown. Special additives protect against scuffing and corrosion.

## OUTBOARD COVERS

Full cover and splash covers available.



[accessories.hondampe.com.au](http://accessories.hondampe.com.au)

# HONDA MARINE RIGGING KITS

ALL HONDA RIGGING COMPONENTS AND ACCESSORIES ARE MANUFACTURED TO THE HIGHEST POSSIBLE STANDARDS, PROVIDING YOU WITH THE CONFIDENCE AND RELIABILITY YOU HAVE COME TO EXPECT FROM THE WORLD'S LARGEST ENGINE MANUFACTURER.

## INSTRUMENTATION

Monitor every aspect of your engine with Honda instruments. Whatever your boating requirements, Honda has the instruments to meet them from basic analogue to the latest in digital engine monitoring. All Honda instruments are of the highest quality to ensure the most accurate and reliable monitoring.

## KEY SWITCH PANELS

Honda offers a range of key switch panels designed to complement its premium controls. No matter what your boat's dimensions, you can choose from a wide range of electrical harnesses and extension looms.

## REMOTE CONTROLS

To get optimum pleasure from your boat and engine, it's essential to feel in complete control at all times. Thanks to Honda's extensive range of remote control designs and styles, you can experience the pure pleasure of operating your boat in total comfort and safety. It makes driving so much more enjoyable, with everything from speed and direction to trim and gear selection comfortably under your control.

## FUEL SYSTEMS

Take advantage of Honda's portable, secure plastic fuel tanks (12L or 25L capacity), complete with an integrated gauge on top to check the fuel level. They're easy to carry, thanks to a large ergonomic handle, and extremely safe. Their plastic construction means there is no risk of leakage due to corrosion. Honda also provides fuel filters and water separators to be fixed on the fuel line, between the inbuilt fuel tank of the boat and the engine. They prevent condensed water from the fuel tank altering the engine's vital functions – for example, water mixing with air/fuel in the combustion chamber which would result in poor performance and serious engine damage.

## NMEA2000 COMPLIANCE



Utilising the NMEA2000 (engine-to-electronics data communication) network, Honda's NMEA 2000-compliant engines output all manner of engine performance and management data to provide operators with accurate information from rpm and trim to fuel flow, trip speed/fuel consumption averages and much more. (Available BF40 - BF250).

## VEETHREE GAUGES

Utilising the NMEA2000 network, Honda's VeeThree digital gauges incorporate stylish white-faced tachometer and speedometer units that each feature analogue pointers for engine rpm and vessel speed, as well as a two-colour graphic LCD screen (with push-button operation) to place a range of detailed engine management data at users' fingertips.

Completely sealed and waterproof, and featuring anti-fog coated lenses, VeeThree gauge functions include: primary speed (knots); secondary speed (km/h); speed over water (non-GPS); speed over ground (GPS); engine rpm; trim/tilt angle; steering angle; operating hours; fuel burn rate; fuel tank level; total fuel used; water tank level; battery voltage; engine temperature; alerts/warnings (oil level, temperature, PGM-FI, battery); ECOmo indicator (when lean burn control is active); water in fuel; emergency stop; and a useful maintenance reminder.



# ADVANCED TECHNOLOGY WITH INDUSTRY LEADING FIVE-YEAR WARRANTY

	BF250	BF225	BF200	BF175	BF150
TYPE	four-stroke SOHC 60° V6, VTEC / 24 valves	four-stroke SOHC 60° V6, VTEC / 24 valves	four-stroke SOHC 60° V6, 24 valves	four-stroke SOHC 60° V6, 24 valves	four-stroke DOHC four cylinder, VTEC / 16 valves
DISPLACEMENT	3583cc	3471cc	3471cc	3471cc	2354cc
BORE & STROKE	89 x 96mm	89 x 93mm	89 x 93mm	89 x 93mm	87 x 99mm
FULL THROTTLE RPM RANGE	5300 - 6300 RPM	5000 - 6000 RPM	5000 - 6000 RPM	5000 - 6000 RPM	5000 - 6000 RPM
RATED POWER	250HP @ 5800 RPM (183.9 KW)	225HP @ 5500 RPM (165.5 KW)	200HP @ 5500 RPM (147.1 KW)	175HP @ 5500 RPM (128.7 KW)	150HP @ 5500 RPM (111.9 KW)
COOLING SYSTEM	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled
INDUCTION	Programmed Fuel Injection	Programmed Fuel Injection	Programmed Fuel Injection	Programmed Fuel Injection	Programmed Fuel Injection
IGNITION SYSTEM	Full Transistorised Battery Ignition	Full Transistorised Battery Ignition	Full Transistorised Battery Ignition	Full Transistorised Battery Ignition	Full Transistorised Battery Ignition
STARTING SYSTEM	Electric	Electric	Electric	Electric	Electric
EXHAUST	Through Prop	Through Prop	Through Prop	Through Prop	Through Prop
DRIVE					
GEAR RATIO	2.00:1	1.87:1	1.87:1	1.87:1	2.14:1
GEAR SHIFT	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R
EQUIPMENT					
ALTERNATOR OUTPUT	12v-90amp	60amp	60amp	60amp	40amp
PROPELLER	optional	optional	optional	optional	optional
DIAMETER X PITCH (S-TYPE)	-	-	-	-	-
(L-TYPE)	-	-	-	-	-
(X-TYPE)	-	-	-	-	-
POWER TRIM & TILT	Standard	Standard	Standard	Standard	Standard
GAS-ASSISTED TILT	N/A	N/A	N/A	N/A	N/A
EMERGENCY STOP SWITCH	Standard	Standard	Standard	Standard	Standard
OIL PRESSURE ALERT	Standard	Standard	Standard	Standard	Standard
TEMPERATURE ALERT	Standard	Standard	Standard	Standard	Standard
REV-LIMITER	Standard	Standard	Standard	Standard	Standard
SPEEDOMETER PICKUP	Standard	Standard	Standard	Standard	Standard
DIMENSIONS					
OVERALL LENGTH	920mm	920mm	920mm	920mm	845mm
OVERALL WIDTH	625mm	625mm	625mm	625mm	580mm
OVERALL HEIGHT (S-TYPE)	-	-	-	-	-
(L-TYPE)	1760mm	1670mm	-	-	1665mm
(X-TYPE)	1887mm	1800mm	1800mm	1800mm	1790mm
(XXL-TYPE)	2014mm	1925mm	-	-	-
TRANSOM HEIGHT (S-TYPE)	-	-	-	-	-
(L-TYPE)	508mm	508mm	-	-	508mm
(X-TYPE)†	635mm	635mm	635mm	635mm	635mm
(XXL-TYPE)†	762mm	762mm	-	-	-
DRY WEIGHT (KG)	278	267	267	267	217

# THE ULTIMATE FOUR-STROKE.

BF135	BF115	BF100	BF80	BF75	BF60	BFP60 POWER THRUST
four-stroke DOHC four cylinder / 16 valves	four-stroke DOHC four cylinder / 16 valves	four-stroke OHC four cylinder, VTEC / 16 valves	four-stroke OHC four cylinder / 16 valves	four-stroke SOHC four cylinder / 16 valves	four-stroke three cylinder / 12 valves	four-stroke three cylinder / 12 valves
2354cc	2354cc	1496cc	1496cc	1496cc	998cc	998cc
87 x 99mm	87 x 99mm	73 x 89mm	73 x 89mm	73 x 89mm	73 x 79.5mm	73 x 79.5mm
5000 - 6000 RPM	4500 - 6000 RPM	5300 - 6300 RPM	5000 - 6000 RPM	5000 - 6000 RPM	5000 - 6000 RPM	5000 - 6000 RPM
135HP @ 5500 RPM (100.7 KW)	115HP @ 5250 RPM (84.6 KW)	100HP @ 5900 RPM (73.6 KW)	80HP @ 5500 RPM (58.8 KW)	75HP @ 5500 RPM (55.2 KW)	60HP @ 5500RPM (44.1 KW)	60HP @ 5500RPM (44.1 KW)
Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled
Programmed Fuel Injection	Programmed Fuel Injection	Programmed Fuel Injection	Programmed Fuel Injection	Programmed Fuel Injection	Programmed Fuel Injection	Programmed Fuel Injection
Full Transistorised Battery Ignition	Full Transistorised Battery Ignition	Full Transistorised Battery Ignition	Full Transistorised Battery Ignition	Full Transistorised Battery Ignition	Full Transistorised Battery Ignition	Full Transistorised Battery Ignition
Electric	Electric	Electric	Electric	Electric	Electric	Electric
Through Prop	Through Prop	Through Prop	Through Prop	Through Prop	Through Prop	Through Prop
2.14:1	2.14:1	2.33:1	2.33:1	2.33:1	2.08	2.33:1
F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R
40amp	40amp	35amp	35amp	35amp	17amp	22amp
optional	optional	optional	optional	optional	3 x 11 <sup>1</sup> / <sub>8</sub> x 14 Inches	3 x 14 x 11 Inches
-	-	-	-	-		
-	-	-	-	-	Three-Blade Aluminium	Three-Blade Aluminium
-	-	-	-	-	Three-Blade Aluminium	Three-Blade Aluminium
Standard	Standard	Standard	Standard	Standard	Standard	Standard
N/A	N/A	N/A	N/A	N/A	N/A	N/A
Standard	Standard	Standard	Standard	Standard	Standard	Standard
Standard	Standard	Standard	Standard	Standard	Standard	Standard
Standard	Standard	Standard	Standard	Standard	Standard	Standard
Standard	Standard	Standard	Standard	Standard	Standard	Standard
Standard	Standard	Standard	Standard	Standard	Standard	Standard
845mm	845mm	746 mm	746 mm	740mm	777mm 851mm tiller	792mm
580mm	580mm	449 mm	449 mm	440mm	417mm	417mm
-	-	-	-	-	-	-
1665mm	1665mm	1566 mm	1566 mm	1566mm	1397mm	1453mm
1790mm	1790mm	1693 mm	1693mm	1693mm	1524mm	1580mm
-	-	-	-	-	-	-
-	-	-	-	-	-	-
508mm	508mm	-	-	537mm	521mm	531mm
635mm	635mm	-	-	-	648mm	658mm
-	-	-	-	-	-	-
217	217	166	165	162	110	119

NOTE: Weight specification is based on lightest versions. VTEC (Variable Valve timing & Lift Electric Control) †BF115-BF250 counter rotation models available. All Honda outboards are power rated with N.M.M.A. procedures. Specifications are subject to change.

# ADVANCED TECHNOLOGY WITH INDUSTRY LEADING FIVE-YEAR WARRANTY

	BF50	BF40	BF30	BF20	BF15
TYPE	four-stroke vertical inline SOHC three cylinder / 6 valves	four-stroke vertical inline SOHC three cylinder / 6 valves	four-stroke SOHC three cylinder / 6 valves	four-stroke SOHC two cylinder / four valves	four-stroke SOHC two cylinder / four valves
DISPLACEMENT	808cc	808cc	552cc	350cc	350cc
BORE & STROKE	70 x 70mm	70 x 70mm	61 x 63mm	59 x 64mm	59 x 64mm
FULL THROTTLE RPM RANGE	5500 - 6000 RPM	5000 - 6000 RPM	5000 - 6000 RPM	5000 - 6000 RPM	4500 - 5500 RPM
RATED POWER	50HP @ 5750 RPM (36.8 KW)	40HP @ 5500 RPM (29.4 KW)	30HP @ 6000 RPM (22.1 KW)	20HP @ 5500 RPM (14.7 KW)	15HP @ 5000 RPM (11 KW)
COOLING SYSTEM	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled
INDUCTION	Programmed Fuel Injection	Programmed Fuel Injection	Three Carburettor	One Carburettor	One Carburettor
IGNITION SYSTEM	Full Transistorised Battery Ignition	Full Transistorised Battery Ignition	PGM-IG	PGM-IG	PGM-IG
STARTING SYSTEM	Electric	Electric	Electric / Recoil	Electric / Recoil	Electric / Recoil
EXHAUST	Through Prop	Through Prop	Through Prop	Through Prop	Through Prop
DRIVE					
GEAR RATIO	2.08:1	2.08:1	2.08:1	2.08:1	2.08:1
GEAR SHIFT	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R
EQUIPMENT					
ALTERNATOR OUTPUT	17amp	17amp	10amp (Elec) 4amp (Man)	12amp (Elec) 6amp (Man)	12amp (Elec) 6amp (Man)
PROPELLER	Three-Blade Aluminium	Three-Blade Aluminium	Three-Blade Aluminium	Four-Blade Aluminium	Four-Blade Aluminium
DIAMETER X PITCH (S-TYPE)	–	–	9¼ x 12 Inches	9¼ x 10 Inches	9¼ x 10 Inches
(L-TYPE)	11¼ x 13 Inches	11¼ x 13 Inches	9¼ x 12 Inches	9¼ x 10 Inches	9¼ x 10 Inches
(X-TYPE)	11¾ x 10 Inches	–	–	9¼ x 10 Inches	–
POWER TRIM & TILT	Available	Available	Available	Power Tilt	–
GAS-ASSISTED TILT	Available	Available	Available	Available	Available
EMERGENCY STOP SWITCH	Standard	Standard	Standard	Standard	Standard
OIL PRESSURE ALERT	Standard	Standard	Standard	Standard	Standard
TEMPERATURE ALERT	Standard	Standard	Standard	Standard	Standard
REV-LIMITER	Standard	Standard	Standard	Standard	Standard
SPEEDOMETER PICKUP	Standard	Standard	Standard	–	–
DIMENSIONS					
OVERALL LENGTH	694mm	694mm	640mm	650mm	650mm
OVERALL WIDTH	372mm	372mm	375mm	350mm	350mm
OVERALL HEIGHT (S-TYPE)	–	–	1195mm	1110mm	1110mm
(L-TYPE)	1364mm	1364mm	1320mm	1240mm	1240mm
(X-TYPE)	1465mm	–	–	1380mm	–
(XXL-TYPE)	–	–	–	–	–
TRANSOM HEIGHT (S-TYPE)	–	–	431mm	433mm	433mm
(L-TYPE)	521mm	521mm	552mm	563mm	563mm
(X-TYPE)†	622mm	–	–	703mm	–
(XXL-TYPE)†	–	–	–	–	–
DRY WEIGHT (KG)	98	98	72.5	46.5	46.5

NOTE: Weight specification is based on lightest versions. VTEC (Variable Valve timing & Lift Electric Control) †BF115-BF250 counter rotation models available. All Honda outboards are power rated with N.M.M.A. procedures. Specifications are subject to change.

# THE ULTIMATE FOUR-STROKE.

**50** YEARS  
THE ULTIMATE  
FOUR-STROKE

	BF10	BF8	BF5	BF2.3
TYPE	four-stroke SOHC two cylinder / four valves	four-stroke SOHC two cylinder / four valves	four-stroke OHV one cylinder / two valves	four-stroke OHV one cylinder / two valves
DISPLACEMENT	222cc	222cc	127cc	57cc
BORE & STROKE	58 x 42mm	58 x 42mm	60 x 45mm	45 x 36mm
FULL THROTTLE RPM RANGE	5000 - 6000 RPM	4500 - 5500 RPM	4000 - 5000 RPM	5000 - 6000 RPM
RATED POWER	10HP @ 5500 RPM (7.4 KW)	8HP @ 5000 RPM (5.9 KW)	5HP @ 5000 RPM (3.7 KW)	2HP @ 5500 RPM (1.7 KW)
COOLING SYSTEM	Water Cooled	Water Cooled	Water Cooled	Forced Air
INDUCTION	One Carburettor	One Carburettor	One Carburettor	One Carburettor
IGNITION SYSTEM	PGM-IG	PGM-IG	PGM-IG	Transistorised Pointless
STARTING SYSTEM	Electric / Recoil	Recoil	Recoil	Recoil
EXHAUST	Through Prop	Through Prop	Under Water Above Propeller	Under Water Above Propeller
DRIVE				
GEAR RATIO	2.33:1	2.33:1	2.08:1	2.42:1
GEAR SHIFT	F-N-R	F-N-R	F-N-R	360° Pivot
EQUIPMENT				
ALTERNATOR OUTPUT	12amp (Elec) 6amp (Man)	6amp	3amp	–
PROPELLER	Four-Blade Aluminium	Four-Blade Aluminium	Three-Blade Aluminium	Three-Blade Plastic
DIAMETER X PITCH (S-TYPE)	9 1/4 x 9 Inches	9 1/4 x 9 Inches	7 7/8 x 7 1/2 Inches	7 1/4 x 4 3/4 Inches
(L-TYPE)	9 1/4 x 8 Inches	9 1/4 x 8 Inches	7 7/8 x 7 1/2 Inches	7 1/4 x 4 3/4 Inches
(X-TYPE)	9 1/4 x 9 Inches	–	–	–
POWER TRIM & TILT	–	–	–	–
GAS-ASSISTED TILT	–	–	–	–
EMERGENCY STOP SWITCH	Standard	Standard	Standard	Standard
OIL PRESSURE ALERT	Standard	Standard	–	–
TEMPERATURE ALERT	Standard	Standard	–	–
REV-LIMITER	Standard	Standard	Standard	–
SPEEDOMETER PICKUP	–	–	–	–
DIMENSIONS				
OVERALL LENGTH	493mm	493mm	525mm	410mm
OVERALL WIDTH	345mm	345mm	350mm	280mm
OVERALL HEIGHT (S-TYPE)	1107mm	1107mm	1005mm	945mm
(L-TYPE)	1237mm	1237mm	1135mm	1100mm
(X-TYPE)	–	–	–	–
(XXL-TYPE)	–	–	–	–
TRANSOM HEIGHT (S-TYPE)	433mm	433mm	445mm	418mm
(L-TYPE)	563mm	563mm	572mm	571mm
(X-TYPE)†	–	–	–	–
(XXL-TYPE)†	–	–	–	–
DRY WEIGHT (KG)	42	42	27	12.2



## HONDA MARINE ADDED ADVANTAGE

### FIRST-CLASS DEALER NETWORK AND AFTER SALES SERVICE

Honda's range of four-stroke marine outboard engines is supported by Honda's expansive national dealer network and Honda Australia's dedicated after sales support team.

To further support dealers and consumers, Honda Australia operates the Honda Certified Technician (HCT) training program – a technical course specifically designed for service technicians within the Honda national dealer network.

HCT training comprises three levels of competency – Certified, Advanced and Master – with each level covering in detail a range of topics including maintenance, repairs, diagnostics and customer care.



Under the watchful eye of highly-qualified and industry-experienced trainers, technicians undergo extensive training in the form of practical and theoretical study to ensure their understanding of the technical components of Honda Marine products.

Ask your dealer if your engine is being serviced by a Honda Certified Technician.

### HONDA GENUINE PARTS AND ACCESSORIES

Honda produces an extensive range of Honda Genuine Parts and Accessories, as well as specially formulated marine engine oils.

Designed and manufactured to exact specifications, Honda Genuine Parts, Accessories and Oils are the only way to keep your Honda outboard engine operating in peak condition.

Honda Marine dealers stock all the general maintenance parts you'll need – and if they don't have it, Honda's Parts Distribution Policy ensures that replacement parts are delivered within 24 hours to dealers located in capital cities on the eastern seaboard and within two days for dealers located in other capital cities and rural regions.

If there is no replacement part available in Australia, Honda will airfreight it from one of its overseas factories for prompt delivery to the dealer. Such is Honda's commitment to keep your boat on the water!

### NEVER FEAR, THE HONDA DOCTOR IS HERE

Honda's innovative electronic diagnostic tool, 'Dr H', enables immediate analysis of engine health, which translates into cost-effective servicing for owners of Honda's technologically-advanced four-stroke EFI outboards.

The easy-to-use, slimline unit plugs directly into the outboard engine and is used in conjunction with a laptop or desktop computer to provide detailed engine reports.

As well as allowing Honda's qualified technicians to very quickly analyse any abnormalities and address any areas of possible concern, Dr H also has the ability to accurately assess engine usage, look for previous alert conditions such as over temperature or low oil pressure, and allows technicians to print full-service reports for owners.

The development of Dr H is yet another positive step forward for Honda dealers and customers.

### HONDA FINANCE

Your purchase of a Honda outboard engine guarantees servicing and comprehensive parts back-up from one of the largest marine dealer networks in Australia. With a range of flexible finance packages available, Honda MPE Financial Services can help you own your Honda outboard or boat and trailer package sooner.

For details about Honda MPE Financial services, contact your local participating Honda Marine dealer, call 1300 1 HONDA or visit [marine.honda.com.au](http://marine.honda.com.au)



Honda Certified Technician

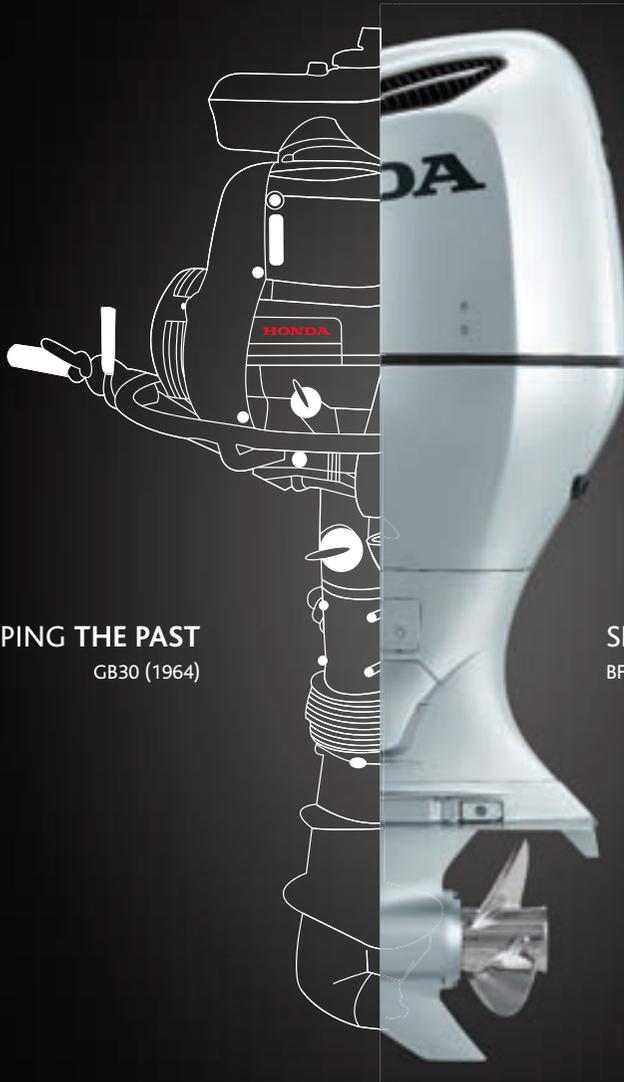


**50** YEARS  
THE ULTIMATE  
FOUR-STROKE

**HONDA**  
MARINE

# CREATING THE ULTIMATE FOUR-STROKE SINCE 1964

SHAPING THE PAST  
GB30 (1964)



SHAPING THE FUTURE  
BF250 (2014)

Honda has pioneered the development of four-stroke outboard engines since it introduced the GB30 back in 1964. From today's lightweight BF2.3 right up to the class-leading advantages of the powerful BF250, Honda leads the way with innovation, reliability, fuel efficiency, environmental responsibility and, of course, outstanding performance.

Honda has always strived for the best – and continues to achieve it.

# **HONDA** **MARINE**

1954-1956 Sydney Rd Campbellfield VIC 3061  
T 03 9270 1111 F 03 9270 1174 [marine.honda.com.au](http://marine.honda.com.au)

Honda Australia reserves the right to change specifications at any time. Full warranty details are available from your authorised Honda Marine dealer. For more information on the Honda Marine range, visit your local Honda Marine dealer. For dealer locations, call 1300 1 HONDA. Pictures are for illustrative purposes only.

SHAPING THE PAST  
GB30 (1964)

SHAPING THE FUTURE  
BF250 (2014)

