



## HONDA MARINE 07

FOUR-STROKE RANGE

HONDA FOUR-STROKE OUTBOARDS // BF225/BF200/BF175/BF150/BF135/BF115/BF90/BF75/BF50/BF40/BF30/BF25/BF20/BF15/BF10/BF8/BF5/BF2



# THE POWER OF DREAMS

HONDA IS A COMPANY BUILT ON THE 'POWER OF DREAMS'. IT'S A VISION OF THE FUTURE, WHERE EVERYTHING HONDA ENGINEERS IS THE WORLD'S BEST. SINCE MANUFACTURING THE FIRST ENGINE EQUIPPED BICYCLE IN 1948, HONDA HAS CONTINUED TO DELIVER INNOVATIVE AND RELIABLE PRODUCTS FOR ALMOST EVERY APPLICATION FROM STATIONARY ENGINES TO CORPORATE JETS. BETWEEN THOSE TWO EXTREMES, HONDA PRODUCES MOTOR VEHICLES, SCOOTERS, POWER EQUIPMENT AND WORLD LEADING OUTBOARD ENGINES. HONDA PRODUCTS LET YOU EXPERIENCE TOTAL SATISFACTION WITH MAXIMUM PERFORMANCE AND CONTINUED RELIABILITY THROUGH SUPERIOR ENGINEERING AND INNOVATIVE TECHNOLOGY.



## HONDA THE PIONEER OF FOUR-STROKE OUTBOARD TECHNOLOGY

P02

**ADVANCED 4 TECHNOLOGY™**

1964



### THE FUTURE IS IN FOUR-STROKE

- Honda releases its first four-stroke outboard, the 4hp GB30.
- Honda is already convinced that four-stroke outboard engine technology is the technology of the future.

1967



### GB25

- 59cc 2.5hp four-stroke outboard engine manufactured.

1971



### B45 & B75

- 126cc 4.5hp & 149cc 7.5hp water cooled four-stroke outboard engines manufactured.

1987



### BF8, BF9.9 & BF15

- 197cc 8hp, 280cc 9.9hp & 15hp water cooled four-stroke outboard engines manufactured.

1990



### BF35 & BF45

- 808cc 35hp & 45hp water cooled four-stroke outboard engines manufactured.

1993



### BF25

- 499cc 25hp water cooled four-stroke outboard engine manufactured.

1997



### LARGEST FOUR-STROKE OUTBOARD PLANT

- First outboard manufacturer to achieve total production of 500,000 four-stroke outboards from Honda's Hamamatsu factory plant in Japan.



## THE WORLD'S LARGEST ENGINE MANUFACTURER

Honda plants around the world produce over 20 million engines each year, making Honda the largest manufacturer of engines in the world. Honda engineers are continually seeking new horizons and challenges, to develop new technologies and more efficient use of fuels to protect and preserve the environment.

## WORLD-LEADING TECHNOLOGY

From automobiles to motorcycles to outboards, the Honda name is synonymous with a proud legacy of technological innovation and leadership.

When you purchase a Honda product you purchase something far more than the sum of its parts. That's because each Honda product is designed and engineered to be the leader in its field. Put simply, Honda is passionate about improving on perfection and creating the benchmarks that others try to emulate. That's why every Honda product is built to be the best and to deliver optimum performance, reliability and economy. Honda's advanced engineering delivers the world's best engines, year after year.

With this continual pursuit of excellence, Honda has a product to suit all requirements, big or small.

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1998



### WORLD'S FIRST FOUR-STROKE OVER 100HP

- First outboard company to manufacture a four-stroke outboard over 100hp.

1999



### BF2

- 57cc 2hp four-stroke outboard engine manufactured.

2000



### BF8 & BF10

- 222cc 8hp & 10hp water cooled four-stroke outboard engines manufactured.
- Models compliant with strict CARB 2008 ultra low emission regulations.

2001



### BF175, BF200 & BF225

- 3471cc 175hp, 200hp & 225hp water cooled four-stroke outboard engines manufactured.
- Models compliant with strict CARB 2008 ultra low emission regulations and feature technologies such as VTEC & Dual Stage Induction.

2002



### BF15 & BF20

- 350cc 15hp & 20hp water cooled four-stroke outboard engines manufactured.
- Models compliant with strict CARB 2008 ultra low emission regulations.

2003



### BF135 & BF150

- 2354cc 135hp & 150hp water cooled four-stroke outboard engines manufactured.
- Models compliant with strict CARB 2008 ultra low emission regulations and feature technologies such as VTEC, Dual Stage Induction, Three-Way cooling & Lean Burn Feedback.

2005



### ENHANCED BF175, BF200 & BF225

- Featuring a narrow 60° V profile, large displacement 3.5L V6, SOHC engine.
- Re-designed with an advanced Electronic Command Module (ECM), featuring an air feedback sensor and Honda's industry exclusive Lean Burn Feedback System, reducing fuel consumption by 5%.

2007  
& BEYOND

### THE POSSIBILITIES ARE ENDLESS

- With Honda's continual pursuit of excellence who knows what the future will bring?



## INDUSTRY-LEADING FIVE-YEAR WARRANTY

HONDA SETS THE BENCHMARK FOR GUARANTEED RELIABILITY AND HASSLE-FREE BOATING WITH THE INDUSTRY'S FIRST FIVE-YEAR DOMESTIC WARRANTY. AVAILABLE ON EVERY OUTBOARD IN HONDA'S IMPRESSIVE RANGE, FROM THE BF2 RIGHT UP TO THE BF225, THIS IS THE INDUSTRY'S MOST COMPREHENSIVE WARRANTY – FURTHER CONFIRMING HONDA'S REPUTATION FOR ENGINEERING EXCELLENCE.

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P04

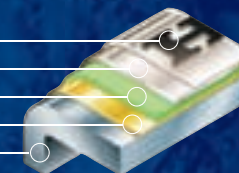


## HONDA'S EXCLUSIVE CORROSION PROTECTION



There's much more than just class cosmetic appearance behind Honda's attention-grabbing metallic silver finish. 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 silver paint and, finally, the acrylic resin topcoat. With Honda, complete durability means innovation at every level.

ACRYLIC RESIN CLEAR OVERCOAT  
ACRYLIC RESIN METALLIC COATING  
EPOXY PRIMER UNDERCOAT  
DOUBLE SEALED TREATMENT  
HONDA ALUMINIUM ALLOY



## FOUR-STROKE LEADERSHIP

With over 40 years experience in four-stroke outboard technology, there's good reason why Honda is considered 'the authority' in the marine industry and many other automotive fields. In addition to constantly refining the most advanced four-stroke technology available, Honda offers the widest range of four-stroke outboards in the world. From the compact and lightweight BF2 right up to the industry-leading BF225, Honda has an outboard to enhance all boating experiences.



## ADVANCED ENGINE TECHNOLOGY

As the world's largest engine manufacturer, Honda draws upon technology developed for high-performance cars to ensure every Honda outboard combines the most effective technologies for its power range, to deliver unrivalled speed and acceleration at any revs. Over the years, Honda has continued to perfect four-stroke outboards that are powerful, economical, quiet and environmentally friendly.



# EXCEPTIONAL TECHNOLOGY

FOR THE BEST BOATING EXPERIENCE

## WORLD-RENOWNED RELIABILITY

With such dedication to performance and innovation, Honda delivers power with unrivalled reliability. Honda's deep level of experience and commitment to precision manufacturing techniques has allowed the company to build a world-leading reputation. The sleek design of Honda outboards reflects the superb engineering that goes into every model, which pairs proven technology with reliability that is unmatched by any other manufacturer.

## SUPERIOR FUEL EFFICIENCY

Honda's advanced four-stroke technology ensures low fuel consumption without compromising performance. By comparison, Honda outboards are around 50% more fuel efficient than two-stroke outboards. Honda's technology also reduces harmful exhaust emissions.

## COMPLETE SECURITY

Honda outboards come with a complete range of security features, including innovative Engine Alert Systems that monitor critical engine functions and alert the operator before any damage occurs. More importantly, junior operators have the tools they need to head out to sea with confidence. With neutral gear or start-in-gear protection, as well as an emergency kill switch that attaches to the operator's wrist, Honda increases both your confidence and theirs.

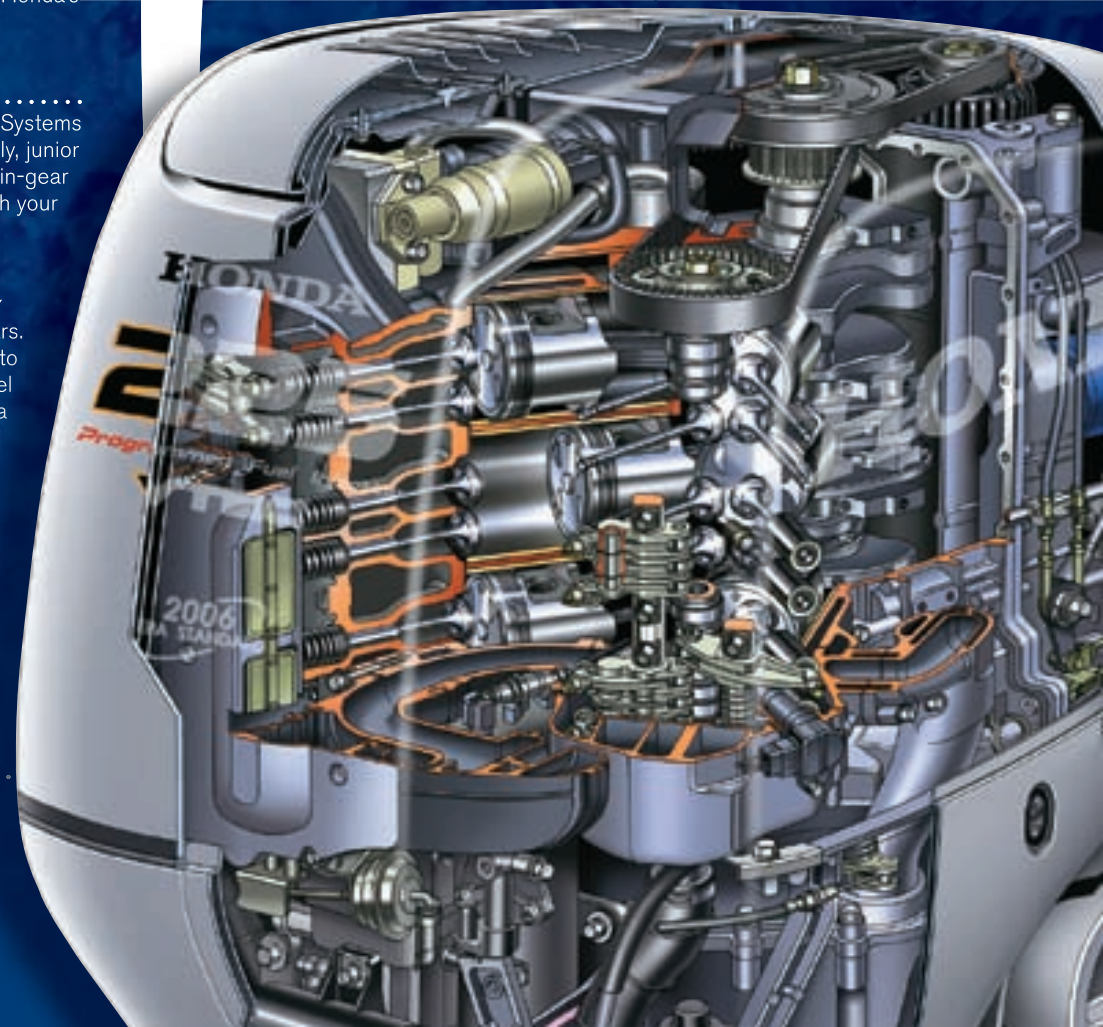
## ENVIRONMENTAL RESPONSIBILITY

Honda has been devoted to producing environmentally-friendly marine engines for over 40 years. The company has demonstrated ultra-low emissions are not only possible, but is the right thing to do to protect the waterways and the air. In fact, Honda is the only manufacturer in the world with every model in its range meeting the world's toughest emission regulations – EPA 2006 and CARB 2008. Honda is also the only company in Australia to have its entire outboard engine range achieve the Outboard Engine Distributors Association (OEDA) three-star rating for ultra-low emissions. Every Honda four-stroke outboard is engineered to the manufacturer's unique 'e-spec' standards, which set the benchmark for both ultra-low emissions and whisper-quiet operation.



## 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 on **1800 241 173** or visit [www.honda.com.au](http://www.honda.com.au)





# HONDA MARINE TESTIMONIALS

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. HONDA IS SEA WORLD'S EXCLUSIVE OUTBOARD MOTOR.

## SEA WORLD – WATERSKI WIPEOUT

Honda's powerful and industry-leading BF225 four-stroke outboards are matched to purpose-built Haines Hunter boats for use in Sea World's ski show *Waterski WipeOut*. These outboards deliver smooth and reliable power throughout the entire rev range, which enables the Sea World ski team to perform its highly-choreographed routines with precise timing and in perfect safety. The engines deliver a 10% reduction on fuel costs and also boast the best emission performance of any 225hp motor on the market – a perfect match to Sea World's stringent environmental requirements.

## SEA WORLD – DOLPHIN COVE, SHARK BAY AND QUEST FOR THE GOLDEN SEAL

Honda's portable BF20 and BF15 are used in Sea World's wonderful marine attractions including Dolphin Cove, Shark Bay and Quest for the Golden Seal. These motors are lightweight, economical and, most importantly, environmentally friendly, which is why Sea World chose Honda as its corporate partner so many years ago! Honda's outboard emissions meet EPA 2006 and CARB 2008 regulations, and have the OEDA three-star ultra-low emission rating. Honda is the only outboard brand in Australia to achieve this rating across its entire range.







THE AUSTRALIAN VOLUNTEER COAST GUARD (AVCG) IS AN ORGANISATION COMPRISED ENTIRELY OF VOLUNTEERS. IT GUARDS THE COAST IN THE MOST EFFECTIVE WAY – INITIALLY BY EDUCATION, EXAMPLE, EXAMINATION AND FINALLY BY SEARCH AND RESCUE. WITH FLOTILLAS AND RADIO BASES LOCATED FROM THE SKARDON RIVER IN THE GULF OF CARPENTARIA, RIGHT DOWN THE EASTERN SEABOARD TO CEDUNA IN SOUTH AUSTRALIA, INCLUDING TASMANIA, AND MAJOR INLAND LAKES AND WEIRS, THE AVCG ENJOYS A REPUTATION FOR BEING HELPFUL AND COURTEOUS TO ALL BOAT OWNERS. THE AVCG CURRENTLY HAS OVER 100 RESCUE VESSELS, AROUND 150 RADIO BASES, 30 COMMUNICATION AND DISPLAY VANS, FOUR FIXED-WING AIRCRAFT AND A TEAM OF QUALIFIED DRIVERS.

### AUSTRALIAN VOLUNTEER COAST GUARD

Honda's advanced four-stroke engines power the Australian Volunteer Coast Guard's (AVCG) entire outboard-powered boat fleet. Honda's powerful and reliable outboards are well suited to the AVCG's demanding applications around the country, in all conditions. The advanced four-stroke technology of these engines ensures minimal exhaust and noise emissions compared to two-stroke engines, which is particularly important in Australia's pristine waterways. A further benefit from the AVCG's point of view is the professional support and after-sales service of Honda Marine's dealer network.



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"When we go out to sea it's not only our lives, but the lives of the people we rescue that rely on our boats. In this environment, speed, power and reliability without compromise is a matter of life and death. We demand reliability, so we choose Honda."

**Chris Gillet** – *ESM National Commodore Australian Volunteer Coast Guard*



### ALISTAIR MCGLASHAN

– Fishing media identity

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"Fishing more than 200 days a year, for everything from billfish to snapper, I expect a lot from my outboard. I need something that's ultra quiet for livebaiting, super economical for long runs to the fishing grounds, but above all I need an engine that will never let me down when I'm way out to sea. With all this in mind, there is only one choice for me – Honda. Every time I go to sea I do it with absolute confidence, as I know my Honda will always bring me home."

**Alistair McGlashan** – *Freelance photojournalist and TV presenter/producer*

### MARK 'MONO' STEWART

– Fishing tourism operator

.....  
"Living and running a fishing charter business in a pristine area like the far north coast of New South Wales means it's a prerequisite to have high regard for the environment. That's one of the reasons I choose to use Honda – the company leads the world with its range of four-stroke outboards. The engines are not only technologically advanced, fuel efficient and reliable, they're super quiet without losing any power. The amazing fuel economy, along with the fact exhaust emissions are ultra low, mean no fumes, which is important to our clients when trolling livebaits for large pelagics, or when giving the boat some 'stick' to get out to the wide reefs quickly. You've just got to love them... I know I do!"

**Captain Mark Stewart** – *Owner/operator, Mono's Sportsfishing Adventures*



## BF// 225/200/175

HONDA'S BF225, BF200 AND BF175, 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, 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.



## FOR ABSOLUTE POWER NOTHING COMES CLOSE

### MAXIMUM POWER

Every Honda four-stroke outboard is packed with power to provide superior performance throughout the entire rev range. The BF225 is also equipped with Variable Valve Timing and Lift Electronic Control (VTEC™) – the same system Honda uses in its Formula One cars, sportscars and other motor vehicles. 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.

### MINIMUM CONSUMPTION

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

### ULTIMATE COMFORT

These engines are twice as quiet as 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. The use of linear rubber mounts, combined with innovative design features that see the flywheel positioned below the powerhead, ensures vibration levels are extremely low.





# EXCLUSIVE TECHNOLOGY & SPECIAL FEATURES

## 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.**

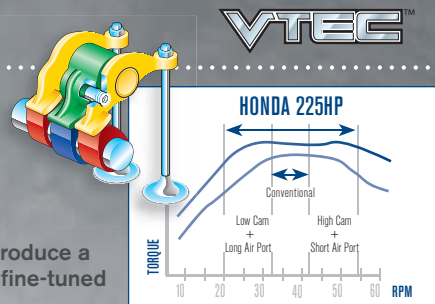


## FORMULA ONE RACING TECHNOLOGY

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: BF225 only]

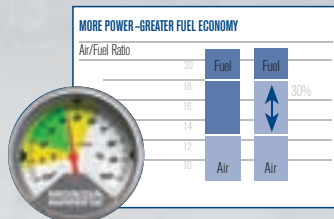


## LEAN BURN FEEDBACK

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

Inclusion of Lean Burn Feedback offers 14% improved fuel consumption over Direct Injection two-stroke models and 10% over competing four-stroke models.

[Source: Internal factory tests]



- New 2007 model is 5% more fuel efficient than previous models.
- '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.
- CARB 2008 and EPA 2006 ultra-low emission compliant.
- OEDA three-star ultra-low emission rating. Honda is the only outboard brand in Australia to achieve this rating across its entire range.





## BF// 150/135

HONDA'S BF150 AND BF135 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.



## FOR TECHNOLOGY THAT DELIVERS

### CUTTING-EDGE ADVANTAGES

Honda's BF150 and BF135 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 BF150 and BF135 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. Low fuel consumption, exceptional reliability and reduced periodical maintenance requirements all combine to minimise the overall cost of ownership.

### 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 – as well as in its Formula One racing cars. 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.





# EXCLUSIVE TECHNOLOGY

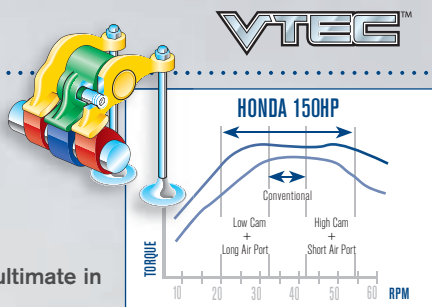
## & SPECIAL FEATURES

### FORMULA ONE 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**.

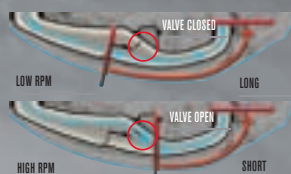
**VTEC™ and Dual Stage Induction work to produce a longer, flatter torque profile: the ultimate in fine-tuned performance.** [VTEC: BF150 only]



### DUAL STAGE INDUCTION

A **Variable Air Intake manifold** delivers top performance at every speed.

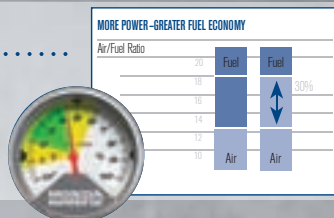
**Maximise low-end torque; Produce high-end horsepower**



### LEAN BURN FEEDBACK

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

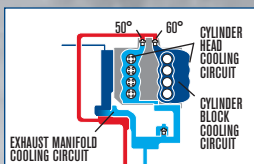
Inclusion of Lean Burn Feedback offers **20% less fuel consumption** in cruise mode up to 4000rpm.



### THREE-WAY COOLING

Three separate cooling circuits for **more power with long-term durability**.

- 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.
- 'On Demand' 40amp, belt-driven alternator reduces heat build-up and provides superior battery charging capability – 30amp at 1000rpm and 40amp at 2000rpm+!
- CARB 2008 and EPA 2006 ultra-low emission compliant.
- OEDA three-star ultra-low emission rating. Honda is the only outboard brand in Australia to achieve this rating across its entire range.





## BF// 115

HONDA'S BF115 EXUDES PERFORMANCE WITH THE LARGEST DISPLACEMENT IN ITS HORSEPOWER CATEGORY. PACKED WITH FEATURES, HONDA'S ADVANCED FOUR-STROKE TECHNOLOGY AND OTHER EXCLUSIVE FEATURES DELIVER A COMBINATION OF POWER, TORQUE AND FUEL ECONOMY. THIS LEGENDARY ENGINE IS ALSO ONE OF THE CLEANEST AND QUIETEST OUTBOARDS AVAILABLE. SIT BACK, RELAX AND ENJOY THE POWER.



## FOR LEGENDARY PERFORMANCE

### POWERFUL YET SMOOTH

The extraordinary BF115 provides exceptionally powerful performance with significantly less fuel consumption than two-stroke outboards. The engine's whisper-quiet running and super-smooth handling is a result of a twin-balanced shaft system and an inverted flywheel which combine to ensure virtually vibration-free operation.

### PROGRAMMED FUEL INJECTION

Honda's exclusive Programmed Fuel Injection (PGM-FI) system optimises the air/fuel mixture and delivers precise amounts of air/fuel to each cylinder, resulting in quick starts, instant throttle response and low fuel consumption. The BF115 burns around 30% less fuel at cruising speed than that of two-stroke engines. When trolling at low revs, that figure is closer to 90% – unmatched fuel economy!

### SOLID DEPENDABILITY

Another superior product from the world's largest engine manufacturer, the BF115 is the result of decades of proven Honda engineering, precision manufacturing and unparalleled performance and reliability. An Engine Command Module (ECM) ensures instant starts, smooth operation, strong performance and excellent fuel economy. Working in conjunction with the ECM, the Engine Alert System monitors vital engine functions and alerts the operator of problems via a light and buzzer.

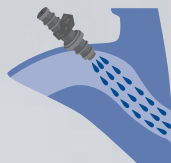




# EXCLUSIVE TECHNOLOGY & SPECIAL FEATURES

## PROGRAMMED FUEL INJECTION

Four fuel injectors and a Common High Flow Throttle Body deliver the **precise amount of air/fuel** to each cylinder.



## LARGE DISPLACEMENT

At 2254cc, the BF115 is the **largest displacement four-stroke** in its horsepower category. The long-stroke design increases torque output and performance.



## ENGINE ALERT SYSTEM

The Engine Alert System **monitors vital engine functions** and assists in preventing damage by alerting the operator of:

- overheating
- alternator charging
- low oil pressure
- other critical engine functions



- 'On Demand' 40amp, belt-driven alternator reduces heat build-up and provides superior battery charging capability – 30amp at 1000rpm and 40amp at 2000rpm+!
- Patented non-linear rubber mounts provide smoother operation at all speeds.
- Easy screw-type valve adjuster system requires no shims and reduces maintenance costs. Front-mounted oil filter and oil filler make for easy maintenance.
- Standard freshwater flushing port to extend engine durability.
- Unique under-the-hood ventilation system reduces operating temperature, improving overall performance.
- 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.
- CARB 2008 and EPA 2006 ultra-low emission compliant.
- OEDA three-star ultra-low emission rating. Honda is the only outboard brand in Australia to achieve this rating across its entire range.





## NEW BF// 90/75

HONDA'S BF90 AND BF75 ARE THE LIGHTEST WEIGHT ENGINES EVER PRODUCED IN THEIR CLASS! THESE NEW OUTBOARDS ARE BASED ON THE SAME ENGINE THAT POWERS HONDA'S NUMBER ONE SELLING MOTOR VEHICLE. A RANGE OF HONDA-EXCLUSIVE TECHNOLOGIES AND POWER-TO-WEIGHT RATIOS ON PAR WITH THAT OF TWO-STROKE OUTBOARDS RESULT IN BEST-IN-CLASS PERFORMANCE ON ALL LEVELS!



## EXCEPTIONAL POWER-TO-WEIGHT PERFORMANCE

### BEST IN CLASS

The BF90 and BF75's 1.5L, SOHC, 16-valve, inline four-cylinder engine is inspired by the same remarkable engine that powers Honda's number one selling 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. The BF90 is also equipped with Variable Valve Timing and Lift Electronic Control (VTEC™) – the same system Honda uses in its motor vehicles and Formula One cars. 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.

### 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.





# EXCLUSIVE TECHNOLOGY & SPECIAL FEATURES

## BOOSTED LOW SPEED TORQUE (BLAST™)

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!

This patented technology **pioneers a new age in four-stroke outboard engines** and will be the benchmark for future Honda engine designs.

## FORMULA ONE RACING TECHNOLOGY



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

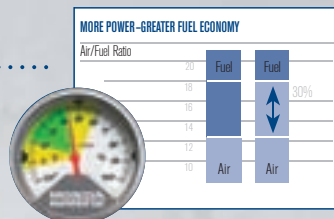
At 5200rpm, a high-lift cam engages to pack more air into the combustion chamber to produce **more power**.

**VTEC™ works to produce a longer, flatter torque profile: the ultimate in fine-tuned performance.** [VTEC: BF90 only]

## LEAN BURN FEEDBACK

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

Inclusion of Lean Burn Feedback offers significantly improved fuel consumption over Direct Injection two-stroke models as well as over competing four-stroke models.



- The completely redesigned 2007 model is even more fuel efficient than previous models.
- Lightest four-stroke outboard ever produced in its class!
- Powerful 1.5L, SOHC, 16-valve, inline four-cylinder engine.
- 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.
- CARB 2008 and EPA 2006 ultra-low emission compliant.
- Tiller steer option is available on 90hp engine.
- OEDA three-star ultra-low emission rating. Honda is the only outboard brand in Australia to achieve this rating across its entire range.





## BF// 50/40

HONDA'S BF50 AND BF40 FEATURE EXCLUSIVE, INDUSTRY-LEADING TECHNOLOGIES TO PROVIDE SMOOTH AND STABLE PERFORMANCE THROUGHOUT THE ENTIRE REV RANGE. HONDA'S ADVANCED FOUR-STROKE TECHNOLOGY MAKES THESE ENGINES TWO OF THE MOST FUEL EFFICIENT, CLEANEST AND QUIETEST OUTBOARDS AVAILABLE. AT IDLE OR LOW SPEEDS, THESE ENGINES ARE BARELY AUDIBLE.



## ULTIMATE PERFORMANCE

### COMPACT INNOVATION

The BF50 and BF40 have been designed to pack maximum power and easy handling into a compact and lightweight design. The BF50 is the lightest 50hp four-stroke available. Both outboards offer power-to-weight ratios to rival two-stroke engines in the same class. These engines feature a unique set of Honda-exclusive technologies to provide increased power across the entire rev range.

### COMFORTABLE CRUISING

Honda's innovative design positions the crankshaft and flywheel assembly directly above the pivot shaft. This ensures very smooth idling and a reduction in overall vibration for smoother running. These engines are twice as quiet as two-stroke outboards. The BF50 and BF40 are available in both remote control and tiller steer configurations for use in a wide range of boating applications, and deliver seamless performance and optimum power for a smooth and enjoyable boating experience.

### EASY ON FUEL

All Honda engines boast extremely high performance and low fuel consumption. On average, the BF50 and BF40 consume up to 50% less fuel than two-stroke engines, providing superior fuel economy at all speeds.





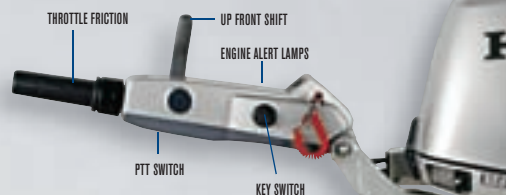
# EXCLUSIVE TECHNOLOGY & SPECIAL FEATURES

## 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 Engine Command Module (ECM) 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°

- Lightest 50hp four-stroke outboard available!
- Compact three-cylinder, three-carburettor design utilises one carburettor per cylinder. This design is more responsive than competitive throttle bodies with long intake runners.
- 10amp 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.
- Programmed Ignition (PGM-IG) accurately controls ignition timing during start-up and across the entire rev range for optimum overall operation.
- 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.
- CARB 2008 and EPA 2006 ultra-low emission compliant.
- OEDA three-star ultra-low emission rating. Honda is the only outboard brand in Australia to achieve this rating across its entire range.





## BF// 30/25

HONDA'S BF30 AND BF25 ARE BIG ON STAMINA AND TORQUE. THESE MID-SIZED OUTBOARDS MINIMISE VIBRATION AND FUEL CONSUMPTION WITHOUT SACRIFICING HONDA'S RESPONSIVE AND RELIABLE POWER. DESIGNED AND BUILT WITH ANGLERS IN MIND, THESE ENGINES PROVIDE SMOOTH, QUIET AND STABLE HANDLING THAT'S PERFECT FOR DRIVING AND FISHING AT THE SAME TIME.



## A WORLD OF TRANQUILITY

### VERSATILITY AND POWER

The BF30 and BF25 are compact and lightweight powerplants that combine Honda's world-renowned reliability with instant throttle response and extraordinarily smooth, stable and quiet operation. These engines incorporate a number of user-friendly features that enable maximum on-water enjoyment, whether trolling in the shallows or motoring across open water.

### CRUISE WITH CONFIDENCE

Both models integrate a number of innovative features including: Auto Start Enrichment; a Centre Mount Tiller; Programmed Ignition (PGM-IG); non-linear mounting; Engine Alert System; and power trim and tilt. With such functional and reliable features, boating has never been easier. The BF30 and BF25 are available in both remote control and tiller steer configurations for use in a wide range of boating applications.

### 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. As further proof of their superior environmental performance, Honda is the only outboard brand in Australia to achieve OEDA's three-star ultra-low emission rating on all models.





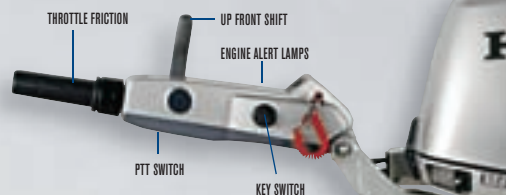
# EXCLUSIVE TECHNOLOGY & SPECIAL FEATURES

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Remote control models also available.



## AUTO START ENRICHMENT

The Engine Command Module (ECM) 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°

- 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.
- 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.
- CARB 2008 and EPA 2006 ultra-low emission compliant.
- OEDA three-star ultra-low emission rating. Honda is the only outboard brand in Australia to achieve this rating across its entire range.





## BF// 20/15

HONDA'S BF20 AND BF15 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 – SO QUIET THESE ENGINES ARE BARELY AUDIBLE AT IDLE.



## OUTSTANDING PERFORMANCE

### RELIABILITY IN A COMPACT DESIGN

With a class-leading 350cc displacement and long-stroke design, the BF20 and BF15 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 the only engine in its class 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 BF20 and BF15 is specially designed to eliminate 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.





# EXCLUSIVE TECHNOLOGY & SPECIAL FEATURES

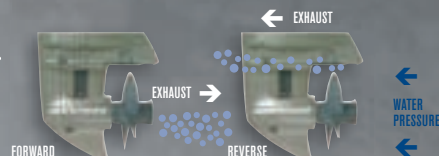
## POWER TILT AND GAS ASSIST TILT

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



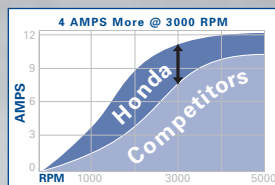
## REVERSE EXHAUST RELIEF

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



## HIGHEST AMPS

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



## 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.

- Class-leading 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.
- CARB 2008 and EPA 2006 ultra-low emission compliant.
- OEDA three-star ultra-low emission rating. Honda is the only outboard brand in Australia to achieve this rating across its entire range.





## BF// 10/8

HONDA'S BF10 AND BF8 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 BF10 AND BF8 ARE EASILY TRANSPORTABLE THANKS TO THEIR CONVENIENT FOLDAWAY CARRY HANDLES.



# FREEDOM

ON THE WATER

### COMPACT AND POWERFUL

The BF10 and BF8 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 BF10 and BF8 have very low fuel consumption and maintenance costs, yet still deliver optimum performance and durability for which Honda is renown. Programmed Ignition (PGM-IG) also accurately controls ignition timing during start-up and across the entire rev range for optimum overall operation.

### EASY HANDLING

For increased control and reduced steering effort, the BF10 and BF8 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.

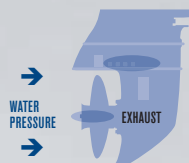




# EXCLUSIVE TECHNOLOGY & SPECIAL FEATURES

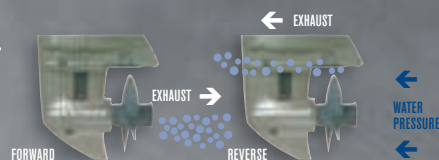
## POWER THRUST PROPELLER

Honda's Power Thrust Propeller – a four-blade propeller design – creates significantly **more thrust in both forward and reverse gears.**



## REVERSE EXHAUST RELIEF

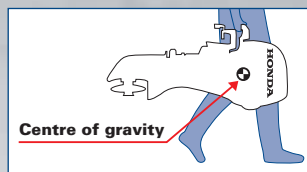
Exhaust gases are diverted **away from the propeller** while in reverse, allowing the propeller to run in clean water.



## LIGHTWEIGHT DESIGN

The BF10 is 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.
- Programmed Ignition (PGM-IG) also 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.
- CARB 2008 and EPA 2006 ultra-low emission compliant.
- OEDA three-star ultra-low emission rating. Honda is the only outboard brand in Australia to achieve this rating across its entire range.





## BF// 5/2

HONDA'S BF5 AND BF2 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!



# CARE-FREE BOATING

### 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 BF5 and BF2 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 CHEAP TO OPERATE

For increased control and reduced steering effort, the BF5 and BF2 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.

### 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 BF5 and BF2 have solid and reliable torque to move heavier hulls than any other engine in their class.





# EXCLUSIVE TECHNOLOGY

## & SPECIAL FEATURES

### ROTATES 360° (BF2)

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)

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.**



### FOUR-STROKE DESIGN

World-renowned Honda four-stroke quality combines proven reliability and superior fuel efficiency, with **no oil mixing**.

- Lightest 2hp four-stroke available! Even lighter than most two-stroke outboards.
- 1L integral fuel tank facilitates easy removal and portability as one unit. (BF2).
- 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.
- CARB 2008 and EPA 2006 ultra-low emission compliant.
- OEDA three-star ultra-low emission rating. Honda is the only outboard brand in Australia to achieve this rating across its entire range.





# FOR PERFORMANCE BOATING

WITH COMPLETE PIECE OF MIND

## 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 (available as optional accessories). These include tachometers, trim meters, speedometers, volt meters, hour meters and water pressure meters. 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.

## LUBRICANTS

Honda Marine's genuine four-stroke motor oil has been tested and proved for use under severe conditions to ensure the longevity of your outboard engine.

## 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.





# HONDA RIGGING ACCESSORIES



1.



2.



3.



4.



5.



6.



7.



8.



10.



11.

1. Digital Speedometer
2. Digital Tachometer
3. Dual Top Mount Control
4. Remote Control
5. Gauge Instruments
6. 6 White Faria Gauge Set
7. Battery Charging Accessory
8. Fuel Filter Assembly
9. Honda Marine Oils
10. Engine Loom
11. Tiller Handle





# TECHNICAL SPECIFICATIONS

	BF225	BF200	BF175	BF150	BF135
<b>TYPE</b>	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	four-stroke DOHC four cylinder / 16 valves
DISPLACEMENT	3471cc	3471cc	3471cc	2354cc	2354cc
BORE & STROKE	89 x 93mm	89 x 93mm	89 x 93mm	87 x 99mm	87 x 99mm
FULL THROTTLE RPM RANGE	5000 - 6000 RPM	5000 - 6000 RPM	5000 - 6000 RPM	5000 - 6000 RPM	5000 - 6000 RPM
RATED POWER	225HP @ 5500 RPM	200HP @ 5500 RPM	175HP @ 5500 RPM	150HP @ 5500 RPM	135HP @ 5500 RPM
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
<b>DRIVE</b>					
GEAR RATIO	1.87:1	1.87:1	1.87:1	2.14:1	2.14:1
GEAR SHIFT	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R
<b>EQUIPMENT</b>					
ALTERNATOR	60amp	60amp	60amp	40amp	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
<b>DIMENSIONS</b>					
OVERALL LENGTH	920mm	920mm	920mm	845mm	845mm
OVERALL WIDTH	625mm	625mm	625mm	580mm	580mm
OVERALL HEIGHT (S-TYPE)	-	-	-	-	-
(L-TYPE)	1670mm	-	-	1665mm	1665mm
(X-TYPE)	1800mm	1800mm	1800mm	1790mm	1790mm
(XXL-TYPE)	1925mm	-	-	-	-
TRANSOM HEIGHT (S-TYPE)	-	-	-	-	-
(L-TYPE)	508mm	-	-	508mm	508mm
(X-TYPE)†	635mm	635mm	635mm	635mm	635mm
(XXL-TYPE)†	762mm	-	-	-	-
DRY WEIGHT (KG)	267	267	267	217	217

NOTE: Weight specification is based on lightest versions. VTEC (Variable Valve timing & Lift Electric control)

†BF115-BF225 counter rotation models available. All Honda outboards are power rated with N.M.M.A. procedures. Specifications are subject to change.



## BF115

four-stroke SOHC  
four cylinder / 16 valves

2254cc

86 x 97mm

5000 - 6000 RPM

115HP @ 5500 RPM

Water Cooled

Programmed Fuel Injection

Full Transistorised

Battery Ignition

Electric

Through Prop

2.00:1

F-N-R

40amp

optional

-

-

-

Standard

N/A

Standard

Standard

Standard

Standard

Standard

824mm

560mm

-

-

1774mm

-

-

-

664mm

-

225

## BF90

four-stroke SOHC  
four cylinder, VTEC / 16 valves

1496cc

73 x 89mm

5300 - 6300 RPM

90HP @ 5800 RPM

Water Cooled

Programmed Fuel Injection

Full Transistorised

Battery Ignition

Electric

Through Prop

2.33:1

F-N-R

44amp

optional

-

-

-

Standard

N/A

Standard

Standard

Standard

Standard

Standard

740mm

440mm

-

1570mm

1700mm

-

-

537mm

664mm

-

163

## BF75

four-stroke SOHC  
four cylinder / 16 valves

1496cc

73 x 89mm

5000 - 6000 RPM

75HP @ 5500 RPM

Water Cooled

Programmed Fuel Injection

Full Transistorised

Battery Ignition

Electric

Through Prop

2.33:1

F-N-R

44amp

optional

-

-

-

Standard

N/A

Standard

Standard

Standard

Standard

Standard

740mm

440mm

-

1570mm

-

-

537mm

162

## BF50

four-stroke SOHC  
three cylinder / 6 valves

808cc

70 x 70mm

5000 - 6000 RPM

50HP @ 5750 RPM

Water Cooled

three carburettor

PGM-IG

Electric

Through Prop

2.08:1

F-N-R

10amp

Three-Blade Aluminium

-

11<sup>1</sup>/<sub>4</sub> x 13 Inches11<sup>3</sup>/<sub>4</sub> x 10 Inches

Available

Available

Standard

Standard

Standard

Standard

Standard

685mm

370mm

-

1360mm

1461mm

-

-

520mm

622mm

-

93

## BF40

four-stroke SOHC  
three cylinder / 6 valves

808cc

70 x 70mm

5000 - 6000 RPM

40HP @ 5500 RPM

Water Cooled

three carburettor

PGM-IG

Electric

Through Prop

2.08:1

F-N-R

10amp

Three-Blade Aluminium

-

11<sup>1</sup>/<sub>4</sub> x 13 Inches

-

Available

Available

Standard

Standard

Standard

Standard

Standard

685mm

370mm

-

1360mm

-

-

520mm

93

## BF30

four-stroke SOHC  
three cylinder / 6 valves

552cc

61 x 63mm

5000 - 6000 RPM

30HP @ 6000 RPM

Water Cooled

three carburettor

PGM-IG

Electric / Recoil

Through Prop

2.08:1

F-N-R

10amp (Elec) 4amp (Man)

Three-Blade Aluminium

9<sup>1</sup>/<sub>4</sub> x 12 Inches9<sup>1</sup>/<sub>4</sub> x 12 Inches

-

Available

Available

Standard

Standard

Standard

Standard

Standard

640mm

375mm

1195mm

1320mm

-

-

431mm

72.5

## BF25

four-stroke SOHC  
three cylinder / 6 valves

552cc

61 x 63mm

5000 - 6000 RPM

25HP @ 5500 RPM

Water Cooled

three carburettor

PGM-IG

Electric / Recoil

Through Prop

2.08:1

F-N-R

10amp (Elec) 4amp (Man)

Three-Blade Aluminium

9<sup>1</sup>/<sub>4</sub> x 12 Inches9<sup>1</sup>/<sub>4</sub> x 12 Inches

-

Available

Available

Standard

Standard

Standard

Standard

Standard

640mm

375mm

1195mm

1320mm

-

-

431mm

72.5



# TECHNICAL SPECIFICATIONS

	BF20	BF15	BF10	BF8	BF5	BF2
<b>TYPE</b>	four-stroke SOHC two cylinder / four valves	four-stroke SOHC two cylinder / four valves	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
<b>DISPLACEMENT</b>	350cc	350cc	222cc	222cc	127cc	57cc
<b>BORE &amp; STROKE</b>	59 x 64mm	59 x 64mm	58 x 42mm	58 x 42mm	60 x 45mm	45 x 36mm
<b>FULL THROTTLE RPM RANGE</b>	5000 - 6000 RPM	4500 - 5500 RPM	5000 - 6000 RPM	4500 - 5500 RPM	4000 - 5000 RPM	5000 - 6000 RPM
<b>RATED POWER</b>	20HP @ 5500 RPM	15HP @ 5000 RPM	10HP @ 5500 RPM	8HP @ 5000 RPM	5HP @ 5000 RPM	2HP @ 5500 RPM
<b>COOLING SYSTEM</b>	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Forced Air
<b>INDUCTION</b>	one carburettor	one carburettor	one carburettor	one carburettor	one carburettor	one carburettor
<b>IGNITION SYSTEM</b>	PGM-IG	PGM-IG	PGM-IG	PGM-IG	PGM-IG	Transistorised Pointless
<b>STARTING SYSTEM</b>	Electric / Recoil	Electric / Recoil	Electric / Recoil	Recoil	Recoil	Recoil
<b>EXHAUST</b>	Through Prop	Through Prop	Through Prop	Through Prop	Under Water Above Propeller	Under Water Above Propeller
<b>DRIVE</b>						
<b>GEAR RATIO</b>	2.08:1	2.08:1	2.33:1	2.33:1	2.08:1	2.42:1
<b>GEAR SHIFT</b>	F-N-R	F-N-R	F-N-R	F-N-R	F-N-R	360° Pivot
<b>EQUIPMENT</b>						
<b>ALTERNATOR</b>	12amp (Elec) 6amp (Man)	12amp (Elec) 6amp (Man)	12amp (Elec) 6amp (Man)	6amp	3amp	-
<b>PROPELLER</b>	Four-Blade Aluminium	Four-Blade Aluminium	Four-Blade Aluminium	Four-Blade Aluminium	Three-Blade Aluminium	Three-Blade Plastic
<b>DIAMETER X PITCH (S-TYPE)</b>	9 1/4 x 10 Inches	9 1/4 x 10 Inches	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
<b>(L-TYPE)</b>	9 1/4 x 10 Inches	9 1/4 x 10 Inches	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
<b>(X-TYPE)</b>	10 x 7 5/8 Inches***	-	10 x 6 1/2 Inches ***	-	-	-
<b>POWER TRIM &amp; TILT</b>	Power Tilt	-	-	-	-	-
<b>GAS-ASSISTED TILT</b>	Available	Available	-	-	-	-
<b>EMERGENCY STOP SWITCH</b>	Standard	Standard	Standard	Standard	-	Standard
<b>OIL PRESSURE ALERT</b>	Standard	Standard	Standard	Standard	-	-
<b>TEMPERATURE ALERT</b>	Standard	Standard	Standard	Standard	-	-
<b>REV-LIMITER</b>	Standard	Standard	Standard	Standard	Standard	-
<b>SPEEDOMETER PICKUP</b>	-	-	-	-	-	-
<b>DIMENSIONS</b>						
<b>OVERALL LENGTH</b>	650mm	650mm	493mm	493mm	525mm	410mm
<b>OVERALL WIDTH</b>	350mm	350mm	345mm	345mm	350mm	280mm
<b>OVERALL HEIGHT (S-TYPE)</b>	1110mm	1110mm	1107mm	1107mm	1005mm	945mm
<b>(L-TYPE)</b>	1240mm	1240mm	1237mm	1237mm	1135mm	1100mm
<b>(X-TYPE)</b>	1380mm	-	-	-	-	-
<b>(XXL-TYPE)</b>	-	-	-	-	-	-
<b>TRANSOM HEIGHT (S-TYPE)</b>	433mm	433mm	433mm	433mm	445mm	418mm
<b>(L-TYPE)</b>	563mm	563mm	563mm	563mm	572mm	571mm
<b>(X-TYPE)†</b>	703mm	-	-	-	-	-
<b>(XXL-TYPE)†</b>	-	-	-	-	-	-
<b>DRY WEIGHT (KG)</b>	46.5	46.5	42	42	27	12.2

NOTE: Weight specification is based on lightest versions. VTEC (Variable Valve timing & Lift Electric control)

†BF115-BF225 counter rotation models available. All Honda outboards are power rated with N.M.M.A. procedures. Specifications are subject to change.



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# HONDA MARINE



DEALER DETAILS

## SOLID RELIABILITY THAT'LL MOVE YOU OVER A LIQUID WORLD...

The Honda name is legendary. Honda is the world's largest engine manufacturer, with its engines forged and tested on racetracks and roads around the globe. But the world is two-thirds water. So it makes sense to trust that same leadership and attention to detail when terra firma dissolves into waves of escape.

Honda offers more four-stroke marine experience than anyone, with engines inspired by automotive technology and conceived for water from the ground up. For over 40 years, Honda has been tireless in applying advanced thinking to its marine engines and challenging the rest of the industry to keep up.

Honda was the first to offer a full line of dependable four-stroke outboard engines. The first to offer a five-year warranty, which is the industry's most comprehensive warranty – further confirming Honda's reputation for engineering excellence. The first to have a full range of four-stroke engines that meets and exceeds EPA 2006 and CARB 2008 emissions standards. The first to have its entire outboard engine line-up achieve the Australian Outboard Engine Distributors Association's (OEDA) three-star rating for ultra-low emissions.

As you know, four-stroke engines run quieter, offer greater fuel economy, burn cleaner and are just plain better for the environment. So, when you consider buying a new boat or re-powering your current one, remember who was there from the beginning. Consider the experience that'll take you over the water with whisper stealth, solid reliability, the best warranty and engine technologies no-one else offers.

That's today's Honda...

# PROVEN