



**BF115**

The completely-redesigned BF115 incorporates a range of Honda-exclusive technologies to deliver incredible power and superior fuel efficiency.

## INTRODUCTION

### TECHNOLOGY THAT DELIVERS

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By sharing many components with the Honda Accord and CRV automobiles, Honda's BF115 delivers world-renowned quality and reliability through advanced engineering.

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This engine sets the standard in innovation featuring advanced inline four-cylinder technology, drawn from Honda's decades of automotive experience.

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The BF115 features a range of Honda-exclusive technologies that places it in a league of its own. You deserve the best.

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### EFFICIENCY & PERFORMANCE

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The BF115's Dual Stage Induction offers a variable air intake manifold to deliver top performance at every speed. At low speeds, air passes through a long intake runner, increasing low-end torque. Above 3500RPM, shutter valves open to shorten the air's path, boosting air flow for more high-end torque. The result is a simple, compact design that delivers the awesome performance for you - no matter how fast you want to go.

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The engine's linear air/fuel and knock sensors help determine the correct fuel flow and ignition curve. They improve the overall engine operation and efficiency while preventing engine damage.

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And a quick movement of the throttle control activates the BLAST™ system, advancing the ignition curve aggressively. 'Hole shot' is vastly improved as more horsepower gets the hull up on plane quicker.

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### ENGINE COMMAND

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The BF115's ECM receives constant input from 18 different sensors to deliver instant starts, smooth operation, strong performance and excellent fuel efficiency.

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With Honda's Engine Alert System, it also monitors vital engine functions and prevents engine damage by alerting you of overheating, low oil PSI, over-rev, water in fuel, battery condition, and critical engine functions.

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And three separate cooling systems keep the cylinder head cooler for more longterm durability.

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## BUT WAIT, THERE'S MORE

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Honda's proven 'on demand', 51amp belt-driven alternator reduces heat buildup and provides superior battery charging capability. Offering 30amp at 1000RPM and 40amp+ above 2000RPM, there's plenty of juice on board!

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A powerful, compact 24-valve DOHC design creates more valve lift to pull in more air for increased horsepower. The low-maintenance design of the BF115 allows easy adjustment of the rocker arms. No multiple shims or trial-and-error adjusting needed.

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Of course, being a Honda high-horsepower, the BF115 can communicate with onboard electronics to deliver a widerange of information to head-unit displays, with its NMEA2000 Compatibility.

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## ECOMO

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with Honda's Programmed Fuel Injection, the BF115 incorporates Lean Burn Control technology, which allows combustion to operate on a leaner air/fuel ratio than stoichiometric air/fuel. An O2 sensor, together with the ECM, precisely controls the air/fuel mixture for the best fuel economy at cruise setting. The mode in which lean burn control is used during cruising to achieve higher fuel economy is referred to as ECOmo (Economy Controlled Motor).

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# SPECS

## ENGINE

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**TYPE** 4-stroke DOHC inline 4-cylinder / 16-valves

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**DISPLACEMENT** 2,354cc

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**BORE & STROKE** 87 x 99 mm

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**FULL THROTTLE RPM RANGE** 4,500-6,000 RPM

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**RATED POWER** 115HP @ 5,250 RPM

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<b>COOLING SYSTEM</b>	Water cooled
<b>INDUCTION</b>	Programmed fuel injection
<b>IGNITION SYSTEM</b>	Full transistorised battery ignition
<b>STARTING SYSTEM</b>	Electric
<b>EXHAUST</b>	Through prop
<b>ALTERNATOR</b>	40-Amp
<b>POWER TRIM &amp; TILT</b>	Standard
<b>TRIM RANGE</b>	-4 to +16
<b>TILT RANGE</b>	68

## **SAFETY FEATURES**

<b>EMERGENCY STOP SWITCH</b>	Standard
<b>OIL PRESSURE ALERT</b>	Standard
<b>TEMPERATURE ALERT</b>	Standard
<b>REV-LIMITER</b>	Standard
<b>SPEEDOMETER PICKUP</b>	Standard

## **DRIVE**

<b>GEAR RATIO</b>	2.14:1
<b>GEAR SHIFT</b>	F-N-R
<b>PROPELLER</b>	Optional

## DIMENSIONS

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<b>OVERALL LENGTH</b>	845mm
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<b>OVERALL WIDTH</b>	580mm
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<b>OVERALL HEIGHT (L-TYPE)</b>	1,665mm
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<b>OVERALL HEIGHT (X-TYPE)</b>	1,790mm
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<b>OVERALL HEIGHT (XXL-TYPE)</b>	n/a
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<b>TRANSOM HEIGHT (L-TYPE)</b>	508mm
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<b>TRANSOM HEIGHT (X-TYPE)</b>	635mm
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<b>TRANSOM HEIGHT (XXL-TYPE)</b>	n/a
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<b>DRY WEIGHTS (L-TYPE)</b>	217kg
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<b>DRY WEIGHTS (X-TYPE)</b>	220kg
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