



## PUTTING EXTRA R INTO THE CBR

**BORN ON THE RACETRACK, TURNING HEADS ON THE STREET.**

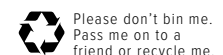
Drawn directly from the sport style of the Fireblade, the CBR650R has honed its racetrack DNA for aggressive road performance. The step and handlebars have been readjusted to give you the optimal riding position to easily manage the accelerations, decelerations, and cornering that come with tackling thrilling winding roads, and the front tyre has been reweighted to improve the bike's turn-in capability. Up front piercing dual LED headlights fill out the tightly wrapped fairing, mirrored by the minimal seat unit. And the electrifying roar of the exhaust chasing the redline will make your hair stand on end.



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RIDE WITH STYLE Read the owner's manual thoroughly. Get to know your machine and its capabilities. Concentration assists anticipation. Observe other road users' movements. Brake in plenty of time. Always wear a helmet and quality kit, ride fit and NEVER after drinking alcohol. Good roadcraft and courtesy identify the skilled and stylish rider. Honda endorse the law that all helmet visors must comply with BS 4110. Visors that transmit less than 50% of visible light cannot legally be used on the road.

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**HONDA**  
The Power of Dreams



**CBR**  
**650R**

2019

**CBR**  
**650R**

**DISCOVER  
A PLACE  
WITHOUT  
BORDERS:  
YOUR  
OBSESSION.**



This is a bike for born competitors. Taking its design directly from the CBR1000RR Fireblade, the new CBR650R is an ultra-sharp beast with sporting intent, fierce power, and exceptional torque. Discover a place without borders: your obsession.



# A THRILLING RUSH TO THE REDLINE

## ADDICTIVE FOUR-CYLINDER POWER AT ITS VERY BEST.

Let's talk facts. The peak power of this beast has been boosted to 70kW. But there's an easy conversion available from Honda dealers to make it A2 licence friendly. The 64Nm torque is exceptional, and the redline is now 12,000rpm. The CBR650R leads its class in power-to-weight ratio. But it's not just about numbers. It's the way this bike's inline four-cylinder DOHC 16-valve engine delivers that gets attention.

First, there's the smooth rush of punch through the midrange. An evocative howl follows as rpm climbs high. It's addictive. An assist/slipper clutch eases upshifts and manages hard down changes, while Honda Selectable Torque Control (HSTC) maintains rear wheel traction so you can focus on what's important – racing through the next set of turns. The twin-duct intake system features improvements to the interior structure of the air cleaners, and increased tailpipe diameter means the exhaust system gives you piecing pick-up response from around 7,000 rpm.



**1. NEW EXHAUST & MUFFLER**  
Thrill. Harmony. Power. That's what the new CBR650R is all about. The four exhaust downpipes sweep together around the front of the engine, and the muffler has been designed to deliver a thrilling growl as revs climb.

**2. FULL LED LIGHTING**  
Every detail of the new CBR650R has been designed for passionate riders. The premium dual LED headlights echo the style of the CBR1000RR Fireblade, throwing out crisp white beams. The taillight has a sleek, minimalist form.

**3. FOUR-CYLINDER ENGINE**  
The new CBR650R is equipped with a powerful four-cylinder, DOHC 16-valve engine. It has a 12,000rpm redline and features Honda Selectable Torque Control (HSTC) to maintain rear wheel traction. You have the power to unleash the beast within.

**39 kW**  
**4. EASY 35kW CONVERSION**  
The new CBR650R is a powerful machine built for passionate riders. An easy conversion is available from Honda dealers to make the bike A2 licence friendly. The conversion back to full power is equally simple.

**5. ASSIST/SLIPPER CLUTCH**  
Rapid downshifting, aggressive upshifting, smoothly controlled corner entry: the assist/slipper clutch allows you to confidently experience the thrills of the CBR650R while easily managing the six-speed gearbox.

**ABS**  
**6. RADIAL-MOUNT CALIPERS**  
No matter what the weather might be, the new CBR650R is ready to tackle any journey. The dual radial-mount callipers match a single-piston rear calliper for improved balance. The Dual channel ABS maintains smooth control in wet or dry conditions.

**7. SHOWA SFF USD FORKS**  
The CBR650R is built to satisfy any rider and accommodate any riding style. The 41mm Showa Separate Fork Function (SFF) USD forks offer supple suspension response and fingertip feel for front tyre grip. They're also adjustable for spring preload and rebound damping. Enter a world without borders.

**LCD**  
**8. LCD DISPLAY**  
The view forward from the cockpit is pure sports. The digital LCD instruments are clear and easy to read. A Gear Position and Shift Up indicator are now included in the display.

**9. EMERGENCY STOP SIGNAL**  
The CBR650R's Emergency Stop Signal technology helps keep you safe if you ever need to hit the brakes unexpectedly. The system detects sudden braking and automatically activates the front and rear hazard lights, which flash to warn any nearby vehicles.

# PREMIUM EQUIPMENT

## HIGH PERFORMANCE EQUALS HIGH SPECIFICATION.

Although it was inspired by the CBR1000RR, the CBR650R has gone in a direction of its own, and it takes its specification up several gears to match. Thanks to an adjusted fuel tank capacity, a redesigned step, and complete LED lighting, the CBR650R is 5.4 kg lighter than its predecessor. Dual front headlights outline the bike's aggressive angles. Handlebars clip-on below the top bridge, and the instruments feature a digital LCD display.



## SPECIFICATIONS CBR650R

### ENGINE

Engine Type	In Line 4 Cylinder, Liquid-cooled 4-stroke, 16-valve DOHC
Engine Displacement	649 cc
Bore x Stroke	67 mm x 46 mm
Compression Ratio	11,6
Carburation	PGM-FI electronic fuel injection
Max. Power Output	70.0 kW / 12.000 rpm (35.0 kW / 10.500 rpm)
Max. Torque	64 Nm / 8.500 rpm (49 Nm / 4.500 rpm)
Fuel Consumption	4.9 L / 100 km
CO <sub>2</sub> emissions	112 g/km
Battery Capacity	12V 8.6Ah

### TRANSMISSION

Clutch	Wet multiplate, A.S. clutch
Final Drive	Chain
Gearbox / Transmission Type	6-speed

### CHASSIS

Frame Type	Steel Diamond
Caster Angle	25.5°
Trail	101 mm

### COLOURS

#### GRAND PRIX RED



#### GUNPOWDER BLACK METALLIC



### ACCESSORIES

FIND OUT MORE ABOUT THE GENUINE ACCESSORIES AVAILABLE IN OUR WEBSITE OR DOWNLOAD THE HONDA BIKES APP.

### DIMENSIONS AND WEIGHTS

Kerb Weight	207 kg
Fuel Capacity	15.4 L
Length x Width x Height	2.130 mm X 750 mm X 1.150 mm
Wheelbase	1.450 mm
Seat Height	810 mm
Ground Clearance	130 mm

### WHEELS, SUSPENSION AND BRAKES

ABS System Type	2 channel ABS
Brakes Front	ABS, 310 mm x 4.5 mm double disc with four piston caliper
Brakes Rear	ABS, 240 mm x 5.0 mm disc with single piston caliper
Wheels Front	Multi-Spoke Aluminium Cast
Wheels Rear	Multi-Spoke Aluminium Cast
Tyres Front	120/70ZR17 M/C
Tyres Rear	180/55ZR17 M/C
Suspension Front	Up side down Telescopic, 41 mm
Suspension Rear	Mono with 10 stage Preload adjuster, Aluminium Cast swingarm

