

# CRF70F

**2009** Press Information



## Introduction

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A low-maintenance 72cc air-cooled single-cylinder four-stroke engine and easy-shifting 3-speed semi-automatic transmission make the exciting CRF70F a great introduction to off-road motorcycling. Control is sharp and confident with an easy-handling front fork and Monoshock rear suspension. Downsized grips and a low seat ensure a perfect fit for any rider, while racy looks and graphics leave no doubt that this mini-champion is on its way to a higher league.

## Colours

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- Extreme Red (with White number plate and sidecovers)

## Features and Benefits

### Engine/Drivetrain

- Fuel-efficient SOHC 72cm<sup>3</sup> 4-stroke engine offers easy-to-use power and a high level of dependability.
- 13mm piston-valve carburettor offers excellent rideability and high fuel-mileage.
- Closed crankcase vent system safeguards against engine oil contamination.
- Automatic camchain tensioner.
- Maintenance-free Capacitor Discharge ignition (CDI).
- Quiet exhaust silencer equipped with effective spark arrester.
- Tough and durable #420 drive chain.
- Constant-mesh 3-speed transmission with automatic clutch for easy takeoffs and shifting.

### Chassis/Suspension

- Lightweight and rigid backbone frame configuration.
- Smooth-action 27mm front fork provides 81mm of suspension travel for confident control over rugged trails.
- Triangulated swingarm with single shock is tough and compliant, and offers 89mm of rear wheel travel.
- Compact and lightweight front and rear leading/trailing shoe drum brakes for confident control.
- Rugged knobbly tyres offer excellent grip and long life.

### Additional Features

- Low-emissions engine design meets the toughest off-road emissions standards.
- Keyed ignition switch provides added security.
- Race-style seat shape accommodates a broad range of rider sizes.
- Small and lightweight feel combines with low seat height to inspire confidence in younger riders.

- Tough and durable plastic body parts.
- Motocross-style handlebar with crossbar.
- Folding, cleated footpegs offer secure footing even in muddy conditions.
- Silver-painted frame and footpegs.
- Front suspension features dual-rate springs for improved rider comfort and bump absorption.
- Chromed, steel-spoke wheels combine with Honda Racing styling and graphics to project the aggressive look of the bigger CRFs.



# Specifications

| General            |         |   |
|--------------------|---------|---|
| Model              |         | CRF70F  |
| Mold Type          |         | ED-type   |
| Engine             |         |   |
| Type               |         | Air-cooled 4-stroke 2-valve SOHC single                     |
| Displacement       |         | 72cm <sup>3</sup>   |
| Bore x Stroke      |         | 47 x 41.4mm   |
| Compression Ratio  |         | 9 : 1   |
| Max. Power Output  |         | 3.6kW / 8,000min <sup>-1</sup> (95/1/EC)                    |
| Max. Torque        |         | 5Nm / 3,500min <sup>-1</sup> (95/1/EC)                      |
| Fuel System        |         |   |
| Carburation        |         | 13mm piston-valve carburettor                               |
| Fuel Tank Capacity |         | 4.9 litres (including 1.1-litre reserve)                    |
| Electrical System  |         |   |
| Ignition System    |         | Capacitor Discharge (CDI)                                   |
| Starter            |         | Primary kick  |
| Drivetrain         |         |   |
| Transmission       |         | 3-speed with automatic clutch                               |
| Primary Reduction  |         | 3.722 (67/17)   |
| Gear Ratios        | 1       | 3.272 (36/15)   |
|                    | 2       | 1.666 (25/15)   |
|                    | 3       | 1.190 (25/21)   |
| Final Reduction    |         | 2.400 (36/15)   |
| Final Drive        |         | #420 roller chain   |
| Frame              |         |   |
| Type               |         | Mono-Backbone; steel tube                                   |
| Chassis            |         |   |
| Dimensions         | (LxWxH) | 1,569 x 694 x 885mm   |
| Wheelbase          |         | 1,067mm   |
| Caster Angle       |         | 27° 3'  |
| Trail              |         | 61.5mm  |
| Seat Height        |         | 662.9mm   |
| Ground Clearance   |         | 178mm   |
| Kerb Weight        |         | 63kg  |
| Suspension         |         |   |
| Type               | Front   | 27mm leading-axle telescopic fork, 81.3mm axle travel       |
|                    | Rear    | Monoshock with cantilever-type swingarm, 88.9mm axle travel |

| Wheels    |       |                            |
|-----------|-------|----------------------------|
| Type      | Front | Steel rim/wire spoke       |
|           | Rear  | Steel rim/wire spoke       |
| Rim Size  | Front | 14 x 1.40                  |
|           | Rear  | 12 x 1.60                  |
| Tyre Size | Front | 2.50 14 (4PR)              |
|           | Rear  | 3.00 12 (4PR)              |
| Brakes    |       |                            |
| Type      | Front | 95mm leading/trailing drum |
|           | Rear  | 95mm leading/trailing drum |