

CRF70F

2009 Press Information



Introduction

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

- Extreme Red (with White number plate and sidecovers)

Features and Benefits

Engine/Drivetrain

- Fuel-efficient SOHC 72cm³ 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 ³
Bore x Stroke		47 x 41.4mm
Compression Ratio		9 : 1
Max. Power Output		3.6kW / 8,000min ⁻¹ (95/1/EC)
Max. Torque		5Nm / 3,500min ⁻¹ (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		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		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