

# **2006 CRF80F PRESS INFORMATION**

Legendary for its built-in toughness and exciting performance, the CRF80F is a favourite among young riders who are ready to step up to a manual-shift machine with big-bike features. Powered by a rugged and reliable Honda 4-stroke engine, and built with compliant suspension systems to stand up to all the dirty business a kid can throw at it, the CRF80F quickly proves itself to be a fast friend for kids who dig the dirt.

## **Colours**

- Extreme Red (with White number plate and sidecovers)

# Features and Benefits

## Engine/Drivetrain

- Durable, proven and simple 80cm<sup>3</sup> air-cooled single-cylinder 4-stroke engine develops smooth, tractable power that's ideal for beginners.
- Ultra-reliable Capacitor-Discharge (CDI) ignition never needs maintenance.
- 20mm carburettor for crisp throttle response.
- Closed crankcase vent system safeguards against engine oil contamination.
- Primary kick-starting for easy starts in any gear.
- Lightweight, upswept competition-type exhaust system utilises a quiet silencer equipped with an effective spark arrester.
- Durable, smooth-shifting five-speed transmission.
- Heavy-duty clutch with smooth, progressive engagement.

## Chassis/Suspension

- Lightweight high-tensile steel frame is rigid, durable and offers ideal geometry for recreational off-roading.
- Leading-axle 27mm Showa front fork offers 123mm of compliant suspension travel.
- Pro-Link rear suspension with box-section swingarm offers 110mm of wheel travel.
- Heavy-duty Showa rear shock offers a smooth ride.
- Rugged knobbly tyres offer excellent grip and long life.
- Lightweight screw-type drive chain adjusters for simple maintenance.
- Responsive, lightweight leading/trailing-shoe drum brakes.

## **Additional Features**

- Engine design produces low emissions to meet the world's most stringent off-road emissions standards.
- Keyed ignition switch provides added security.
- Durable bodywork components made of lightweight yet heavy-duty plastic.
- Large-capacity fuel tank and thrifty 4-stroke engine delivers extended range of riding fun.
- CR-style seat shape accommodates a broad range of rider sizes.
- Generous ground clearance and rugged skidplate for undercarriage protection.
- CR-shape handlebar enhances rider comfort.
- High-quality controls feature comfortable grips, dogleg levers and side-pull throttle just like those of the bigger CRFs and XRs.
- Cleated, folding, self-cleaning footpegs offer secure footing.
- Fork gaiters help protect stanchion tubes and fork seals.
- Silver-painted frame and footpegs.
- Durable steel sprockets.
- Washable, reusable foam air filter.
- Front suspension spring and damping rates for improved rider comfort and bump absorption.
- CRF-R-inspired graphics.

## Specifications

## CRF80F (ED-type)

### Engine

Type	Air-cooled 4-stroke 2-valve OHC single
Displacement	79.7cm <sup>3</sup>
Bore x Stroke	47.5 x 45mm
Compression Ratio	9.7 : 1
Max. Power Output	6.5kW/8,000min <sup>-1</sup> (95/1/EC)
Max. Torque	6.5Nm/8,000min <sup>-1</sup> (95/1/EC)

### Fuel System

Carburation	20mm piston-valve carburettor
Fuel Tank Capacity	5.5 litres (including 1.1-litre reserve)

### Electrical System

Ignition System	Capacitor Discharge (CDI)
Starter	Primary kick

### Drivetrain

Transmission	5-speed
Primary Reduction	4.437 (71/16)
Gear Ratios	1 2.692 (35/13)
	2 1.823 (31/17)
	3 1.400 (28/20)
	4 1.130 (26/23)
	5 0.960 (24/25)
Final Reduction	3.285 (46/14)
Final Drive	#420 roller chain

### Frame

Type	Mono backbone; steel tube
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### Chassis

Dimensions	(LxWxH) 1,749 x 727 x 995mm
Wheelbase	1,209mm
Caster Angle	28° 02'
Trail	74mm
Seat Height	734mm
Ground Clearance	218mm
Dry Weight	70kg
Kerb Weight	74kg

**Suspension**

Type                      Front 27mm leading-axle telescopic fork, 123mm axle travel  
                                 Rear Pro-Link swingarm, 110mm axle travel

**Wheels**

Type                      Front Steel rim/wire spoke  
                                 Rear Steel rim/wire spoke

Rim Size                 Front 16 x 1.40  
                                 Rear 14 x 1.60

Tyres                     Front 2.50-16 4PR  
                                 Rear 3.60-14 4PR

**Brakes**

Type                      Front 95mm leading/trailing drum  
                                 Rear 95mm leading/trailing drum

All specifications are provisional and subject to change without notice.