



Vigor 650

Introduction

Honda's lean and mean Vigor 650 is a fun-packed 'city scrambler' designed to deftly cut through mazes of urban traffic and happily careen down weather-beaten gravel roads like it was born to them. Powered by a big, single-cylinder 'thumper' engine that starts at the touch of a button, the Vigor features long-travel off-road-type suspension systems, comfortable seating, extra carrying capacity and a distinctive style that makes an ideal mount for work, play and just getting around.

Extremely versatile, the FX650 has everything to please and then some. Basic, roadster, trail, and scrambler, it is all of these and capable of attracting a maximum of bikers, recent converts, sporting townies and taking in Sunday riders along the way. Perfectly balanced, fitted with an engine derived from that of the Dominator, it aims to be handy, fun, practical, easy to ride and at

home both in town and on the road. The FX650 already raises eyebrows with its definite character, its unique looks and its economical aspects both in terms of its purchase price as well as running costs. A machine which is distinctive, very lively, safe, easy to ride, comfortable, stable, has good braking, good suspension and...no competition.

Introduced in 97 - Manufactured in Spain - ON-OFF





Vigor 650

Colouring Concept

The year 2000 sees the Vigor tearing up the streets in two exciting colour variations. First, a brilliant, pearlescent yellow injects a blast of lively excitement into the European street scene by grabbing attention wherever it goes. Next a deep, metallic midnight blue emphasises the Vigor's rugged individuality with an understated strength that jumps to life at the twist of its throttle.

As always, the Vigor's moulded matte-black sidecovers provide a stylish base tone that gives a strong visual emphasis to all the colour variations while helping to shield passenger legs from the heat of the exhaust system.

Colours

- Pearl Shining Yellow
- Prime Blue Metallic





Vigor 650

Close-up

New Features

- New colour variation.

General Features

- The FX650 is the very model of versatility.
- It is the perfect town bike and a roadster which is not averse to fun.
- The engine, taken from the Dominator, has been revised as far as the camshaft, fuel system and exhaust system are concerned to offer more flexibility while giving it more character.
- The steel frame weighs 8kg less than that of the Dominator. It is rigid and aims for the ideal compromise between stability and ease of handling.
- The suspension is sophisticated:

Pro-Link at the rear and 41mm forks at the front.

These components, branded Showa, provide comfort and consistent road-holding.

- The 276mm front disc is a feast of power and progressiveness. The twin-piston Brembo calliper is no stranger to these qualities.
- The 19 inch front wheel is midway between that of a trail (21 inches) and a sports bike (17 inches). This gives greater versatility and a good driveability/stability/safety ratio.
- The twin exhaust tailpipe is in stainless steel and the two silencers are chromed, contributing to the distinctive lines.
- The headlamp and the speedometer

are housed behind a small but superbly designed steering head.

- A small aluminium engine guard protects the crankcase from any impacts.
- The removable luggage carrier has a compartment which will easily carry a U-lock.
- The 13 litre tank gives a range of more than 200km.
- With a low saddle, the FX fits all sizes.
- The relaxing position, as well as the long and soft saddle provide the passenger with a high degree of comfort.
- The FX650 has a two year warranty and benefits from the quality of the Honda service network.



Vigor 650

Colour Overview

1997



VIGOR 650 - 20004 - E



Vigor 650

Colour Overview

1998



1999



VIGOR 650 - 20005 - E



Vigor 650

Specifications

Specifications

Vigor 650 (ED-type)

Engine	Air-cooled 4-stroke RFVC SOHC single
Bore × Stroke	100 × 82mm
Displacement	644cm ³
Compression Ratio	8.3 : 1
Carburettor	40mm VE-type
Max. Power Output	39.4PS/5,750rpm (DIN) (29kW/5,750min ⁻¹)
Max. Torque	5.5kg-m/4,500rpm (DIN) (54Nm/4,500min ⁻¹)
Ignition	Fully transistorised electronic
Starter	Electric
Transmission	5-speed
Final Drive	'O'-ring sealed chain
Dimensions	(L×W×H) 2,185 × 765 × 1,140mm
Wheelbase	1,440mm
Seat Height	845mm
Ground Clearance	200mm
Fuel Capacity	13 litres (including 3-litre reserve)
Wheels	Front 19 × MT2.15 aluminium rim/Tangentially Located (TL) spoke Rear 17 × MT2.50 aluminium rim/Tangentially Located (TL) spoke
Tyres	Front 100/90-19 54S Rear 120/90-17 64S
Suspension	Front 41mm leading-axle telescopic fork, 190mm axle travel Rear Pro-Link, 170mm axle travel
Brakes	Front 276 × 5mm hydraulic disc with dual-piston calliper and sintered metal pads Rear 220 × 5mm hydraulic disc with single-piston calliper and sintered metal pads
Dry Weight	161kg

All specifications are provisional and subject to change without notice.