

ZRX1200R

2003 Sales Guide

MODEL NAME: ZRX 1200R

MODEL CODE: ZR1200-A3

KEY FEATURES

- ▶ Kawasaki's race replica "Eddie Lawson" muscle bike.
- ▶ Comfortable seat and upright riding position make the ZRX1200R easy to ride over long distances.
- ▶ Powerful 1164cc liquid-cooled engine.
- ▶ New, all-aluminium plated cylinder.
- ▶ 5-speed gearbox features improved shift quality and clutch action.
- ▶ Braced aluminium swingarm for excellent handling.
- ▶ New frame geometry delivers superb traction.
- ▶ New, all-stainless exhaust system.



Colour: Candy Lime Green

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FEATURES AND ADVANTAGES:

Engine

- ▶ Awesomely powerful, liquid-cooled, DOHC, In-line 16-valve Four now displaces 1,164 cm³ via an increase in bore and stroke from 76 x 58 to 79 x 59.4 mm.
- ▶ Plated, all-aluminium cylinder weighs approximately 1.0 kg less than the earlier steel liner cylinder while offering improved heat dispersion and longer wear.
- ▶ New cylinder head has oil return holes added between the cylinders for quicker, more efficient return of oil.
- ▶ Cam drive sprockets moved 3 mm outboard to compensate for the wider cylinder. Engine cases, cylinder head and cylinder head cover are correspondingly wider, as well. Overall engine width increased by about 5 mm.
- ▶ New cam timing complements the increase in displacement and contributes to increased power and torque across the rpm range.
- ▶ New concave pistons give a highly efficient bi-convex shape to the combustion chamber.
- ▶ New crankshaft with inertia and balancing to suit the increase in displacement and the larger pistons.
- ▶ Four Keihin CVK36 carbs equipped with K-TRIC deliver sharp throttle response at all rpm.
- ▶ Digital electronic ignition optimises ignition timing.
- ▶ New, double coned disc springs (diaphragm-type) in the clutch housing enhance clutch action and make for smoother low-rpm operation and easier shifting of the 5-speed transmission.
- ▶ All stainless steel exhaust system uses stainless steel silencer (replaces earlier hot-dip aluminium-coated steel unit) to reduce corrosion. Balance tubes eliminated from header pipes; muffler angle changed to be parallel to bike centreline.
- ▶ Engine side covers and cylinder head cover finished in bronze colour for improved appearance.

Chassis

- ▶ Wheelbase increased by approximately 12 mm due to fitting of a 3-teeth smaller, 42-tooth rear sprocket – use of smaller sprocket possible due to increased torque and power of the new engine.

- ▶ New, braced aluminium swingarm is larger and stiffer, contributing to the ZR1200's superbly balanced handling qualities.
- ▶ Swingarm pivot is stronger, and its location is now 5 mm lower for improved rear suspension action, high traction and reduced chain whip during hard acceleration. This change delivers superb traction over a wide range of riding conditions.
- ▶ Rear shocks now mount 15 mm further forward for improved suspension action and increased wheel travel. Shock length remains unchanged, as does their full adjustability.
- ▶ Front fork offset reduced from 30mm to 28mm.
- ▶ Frame gusset added behind steering head increases frame stiffness.

Brakes / Wheels / Tyres

- ▶ Gigantic 6-piston Tokico calipers bite into semi-floating, radially-drilled 310 mm stainless steel disc rotors. Braking performance is unsurpassed, with excellent feel at the lever.
- ▶ Compact, lightweight 250 mm rear disc brake offers impressive braking performance.
- Rear wheel width increased from ZRX1100's 5.0 to 5.5 inches and wider rear tyre (170/60 ZR17 changed to 180/55 ZR17) is fitted for brilliant road-holding ability.
- ▶ Driveline lash reduced via use of a ZX-12R-type rear-wheel damper. Ride quality is greatly improved.

Styling

- ▶ Return to traditional green "Eddie Lawson" replica colour and graphics.
- ▶ The bikini fairing makes the "Eddie Lawson" model ideal for commuting, touring and sports riding.
- ▶ New seat with ZX-12R-type seat foam improves ride comfort for both rider and passenger.

Other Practical Features

- ▶ New ignition switch is more tamper resistant.
- ▶ Bungee hooks at top of rear shocks now fitted as standard equipment.
- ▶ Inner fork tube guards added to front forks and guards added to inner tubes of rear shocks help prevent rocks from marring the operating surfaces.
- ▶ ZX-9R/6R fuel cap improves fuel cap sealing.

- ▶ New ZX-12R-type in-tank fuel gauge sensor.
- ▶ Larger capacity MF battery (same size) gives more cranking power for easier starting.

SPECIFICATIONS:

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|----------------------------------|---|
| Engine type | 4-stroke, in-line four |
| Displacement:..... | 1,164cc |
| Bore & Stroke: | 79.0 x 59.4mm |
| Compression Ratio: | 10.1:1 |
| Cooling | Liquid |
| Carburettor(s): | CVKD36 x 4 |
| Ignition | Digital with K-TRIC |
| Starting | Electric |
| Transmission: | 5-Speed, pos. neutral finder |
| Rake Angle: | 25° |
| Wheel Travel (front/rear): | 120 / 123mm |
| Front Tyre Size: | 120/70-ZR17 |
| Rear Tyre Size: | 180/55-ZR17 |
| Ground Clearance: | 135mm |
| Wheelbase: | 1,465mm |
| Front Susp: | 43mm cartridge fork with adj. preload 12-way rebound and 10-way compression damping |
| Rear Susp: | Dual gas-charged shocks, adj. preload and 4-way rebound and compression damping |
| Brakes (front)..... | Dual 310mm discs, 6-PC |
| Brakes (rear)..... | 250mm disc, 2-PC |
| Fuel Tank Capacity: | 19 litres |
| Seat Height: | 790mm |
| Dry Weight: | 223kg |
| Warranty: | 24 months |
| Kawasaki Riders Club: | 12 months |

Note: Specifications subject to change without notice.
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