

# Z1000

2003 Sales Guide

**MODEL NAME:** Z1000  
**MODEL CODE:** ZR1000-A1

## KEY FEATURES

- ▶ Arguably the hottest looking naked sports bike on the market.
- ▶ Shares many components with the new race-oriented ZX-6R.
- ▶ Ninja ZX-9R-based engine.
- ▶ Electronic fuel injection.
- ▶ Displacement increased to 953 cm<sup>3</sup> for massive mid range.
- ▶ Inverted front fork.
- ▶ Dual 300 mm front disc brakes.
- ▶ Lightweight Diamond frame.
- ▶ Ninja ZX-9R-type Uni-Trak rear suspension.
- ▶ Seat cowl with LED rear light.
- ▶ Lightweight new digital instrument cluster.
- ▶ Quad mufflers of heat-treated stainless steel.
- ▶ "Supermodel" styling with optional pillion seat cowl.



**Colour:** Pearl Blazing Orange  
Black Pearl

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## FEATURES AND ADVANTAGES:

### Engine

- ▶ Liquid-cooled, 953 cm<sup>3</sup>, DOHC, 16-valve 4-cylinder engine specially tuned for high torque output in the medium rpm ranges.
- ▶ Electronic fuel injection runs 38 mm throttle bodies fitted with sub-throttles for linear throttle response.
- ▶ New cylinder head casting has more horizontal intake tracts and larger combustion chamber to suit the increased bore size. Fins cast into the head improve external appearance.
- ▶ Aluminium, closed-deck cylinder with plated cylinders is light, long-wearing and offers excellent heat dispersion. Right-side cam drive allows extremely tight valve angles for efficient engine breathing. New front cam-chain guide is lighter and gives more accurate valve timing.
- ▶ The forged crank is a modified 9R unit. New crankcases use repositioned front case bolts of larger diameter to prevent case flex.
- ▶ New single valve springs with reduced spring pressure reduce mechanical noise and weigh less. Camshaft profiles modified for more low and mid-range power and reduced tappet noise.
- ▶ New plug-mounted ignition coils are fitted to suit the new injection system. New, more compact 32-bit ignition CPU delivers highly accurate information for the electronic fuel injection system. K-TRIC throttle position sensor linked to the ignition system ensures ideal ignition timing under all throttle settings.
- ▶ In-tank, electric fuel pump delivers a constant supply of fuel in all riding conditions.
- ▶ Large-area radiator with electric fan maintains operating temperatures at the proper level. Liquid-cooled oil cooler keeps oil temperatures under control.
- ▶ New transmission gears of stronger material feature “crowned” tooth mating surfaces for improved load carrying ability. Shift cam has modified profiles and new spring loads for improved shift feel, and the clutch release lever has a modified ratio for improved action.
- ▶ Use of KLEEN (Kawasaki Low Exhaust Emission) catalyser system combined with a honeycomb catalyser helps to reduce exhaust emissions.

### Frame

- ▶ Rigid yet lightweight Diamond frame of large-diameter thin-walled tubes contributes to the Z1000's responsive handling performance. Engine is mounted as a stressed member for high chassis rigidity. Detachable right front-top engine mount eases maintenance.
- ▶ Ninja ZX-9R-type extruded aluminium swingarm is lightweight, rigid and looks great.
- ▶ Steering head uses caged ball bearings for light steering qualities.

### Suspension

- ▶ Inverted front fork with 41 mm tubes delivers brilliant steering performance. This good-looking unit is preload and rebound adjustable.
- ▶ Bottom-Link Uni-Trak rear suspension features a nitrogen gas-charged shock with piggyback reservoir, spring preload and rebound damping adjustment.

### Brakes, Wheels & Tyres

- ▶ Front, semi-floating, 300 mm discs are gripped by lightweight 4-piston calipers from the 9R for impressive braking performance. Front discs are 6 mm thick for high resistance to heat-induced fade.
- ▶ Rear disc brake uses a lightweight 220 mm rotor with single-piston caliper. Rear brake caliper holder designed for low weight and mounts directly to swingarm.
- ▶ Rim widths and wheel sizes are also of 9R origin (ZX900F), for great handling. Polished rims contrast nicely with painted hubs and spokes.
- ▶ Large diameter front and rear axles are hollow, for high rigidity and low weight.

### Bodywork & Ergonomics

- ▶ The sexy lines of the Z1000 are defined by its many stylishly crafted body components. The seat cowl with LED tail light, swingarm-mounted inner fender, and front fender were all designed to give the Z1000 an aggressive, sporty image.
- ▶ Dual, multi-reflector headlights enhance night riding. A lightweight, compact instrument cluster features a bar-type LCD tach, and digital LCD speedo, in addition to a digital temp gauge, clock, tripmeter, fuel gauge and a

comprehensive range of indicator lamps.

- ▶ Tamper resistant ignition switch, rubber-mounted aluminium handlebars, MF-type battery reduces periodic maintenance. Forged side stand is very strong and allows ample cornering clearance. Lightweight #525 chain offers low rolling resistance and efficiency.
- ▶ Fuel tank is galvanised to resist corrosion.
- ▶ Seat uses special low-slip surface material for high comfort.

## SPECIFICATIONS:

Engine type	.....4-stroke, in-line four
Displacement:	.....953cc
Bore & Stroke:	.....77.2 x 50.9mm
Compression Ratio:	.....11.2:1
Cooling:	.....Liquid
Fuel Injection:	.....Digital 38mm x4
Ignition:	.....Digital
Starting:	.....Electric
Transmission:	.....6-Speed, pos. neutral finder
Rake Angle:	.....24°
Wheel Travel (front/rear):	.....120 /138mm
Front Tyre Size:	.....120/70-ZR17
Rear Tyre Size:	.....190/50-ZR12
Ground Clearance:	.....145mm
Wheelbase:	.....1,420mm
Front Susp:	.....41mm USD cartridge fork
Rear Susp:	.....Bottom-link UNI-TRAK
Brakes (front):	.....Dual 300mm discs, 4-PC
Brakes (rear):	.....220mm disc
Fuel Tank Capacity:	.....18 litres
Seat Height:	.....820mm
Dry Weight:	.....198kg
Warranty:	.....24 months
Kawasaki Riders Club:	.....12 months

Note: Specifications subject to change without notice.  
Ask about Kawasaki Finance.

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