

2004 Model Information

MARKETING CODE: **ZR750J**

MODEL NAME: **Z750**



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All data reflect factory tests. All data subject to change without notice.

OVERALL CONCEPT

Following the stunning success of Kawasaki's brilliant Z1000 super-Naked, Kawasaki proudly presents the new Z750, a middleweight Naked sports bike aimed at a broad range of riders and riding applications. Although the Z750 retains much of the Z1000's aggressive attitude and in-your-face styling, this sporty machine has a new look and personality all its own. Offering an unbeatable combination of responsive power, lightweight handling and dynamic styling, this new machine gives customers a new kind of "Z" performance.



Class-leading engine performance comes from a 748 cm³ liquid-cooled In-Line Four equipped with electronic fuel injection, a first for its class. Based on the high-performance Z1000 engine, this power plant delivers high power over a broad powerband. Other noteworthy technology includes an all-stainless exhaust system with stylish oval muffler, LED instrumentation, and lightweight new wheels that share their design with the Ninja ZX-10R. Riders will love the Z750's responsive handling. In town, on the highway or in the twisties, the Z750's light-handling "stiffness-balanced" chassis and brilliant throttle response make this lightweight sports bike a joy to ride.

The Z750's key sales features can be summarised as follows:

- **Exciting Engine Performance** – Based on the awesome Z1000 engine, the liquid-cooled 748 cm³ In-line Four pumps out a broad spread of smooth, linear power across the rev range, a characteristic which riders of all skill levels will appreciate. The Z750 is also the first machine in its class to offer fuel injection. The high-tech automotive system features dual throttle valves and fine atomising injectors to deliver smooth throttle response, excellent fuel economy and low exhaust emissions.
- **Rider-Responsive Handling Characteristics** – Developed around a modified Z1000 frame, the Z750's stiffness-balanced chassis allows riders of all skill levels to enjoy the bike's responsive handling characteristics. Sturdy front suspension and linkage-equipped rear suspension deliver a smooth ride and excellent road holding qualities, while triple disc brakes deliver impressive stopping power. Ridden hard or easy, this machine never loses its composure.
- **Relaxed Riding Position** – The combination of an ergonomically crafted seat and tank and an ideal relationship between seat, pegs and handlebars makes the Z750 one of the most comfortable middleweight sports bikes on the market today, making the Z750 a great bike for a wide range of riders.

- **Sporty New “Z” Look** – Although the Z750 retains many of the attractive styling cues of the Z1000, since the bike is aimed at younger, middleweight sports customers, including intermediate riders and ladies, its visual appeal is lighter and fresher than that of the Z1000.

KEY SALES FEATURES

EXCITING ENGINE PERFORMANCE

Engine



- * Responsive Z1000-based liquid-cooled engine with efficient 4-valve, DOHC cylinder head displaces 748 cm³ from a bore and stroke of 68.4 x 50.9 mm. (Photos 1,2)
- * Z1000-based cylinder head features re-shaped intake and exhaust ports, a modified combustion chamber and adjusted valve pitch to suit the reduced bore size.
- * The class’s only electronic fuel injection system delivers brilliant throttle response across a wide, smooth powerband.
- * 34 mm throttle bodies with dual throttle valves and automotive-style fine-atomising injectors deliver instant cold starting, excellent power characteristics and good fuel consumption.
- * 4-into-1 stainless-steel exhaust system mates to a stylish oval-section muffler. Header pipes #1 and #4, and #2 and #3 are joined to give smooth throttle response at all rpm.
- * Large, Z1000 radiator eliminates the need for an oil cooler, resulting in a more compact, cleaner engine package. Quiet-running ZX-12R-type ring fan helps reduce noise.
- * Smooth-shifting 6-speed transmission has a gear for every situation, from low-speed city traffic to high-speed highway use.

RIDER-RESPONSIVE HANDLING CHARACTERISTICS

Chassis

- * The Z750’s stable handling qualities also come from the Z1000, although the frame’s stiffness balance has been modified to suit the 750 engine and to deliver lightweight, responsive handling characteristics across a broad range of riding applications.

- * Stiff, box-section swingarm helps to reduce chassis flex and contributes to the bike's excellent road-holding qualities. (Photo 3)



Front Suspension

- * Sturdy 41 mm fork delivers a supple ride and gives excellent steering feedback across the speed range.

Rear Suspension

- * Linkage-equipped rear gas shock features 4-way rebound damping and 7-way preload adjustability for a smooth ride and excellent road holding qualities.
- * Lightweight aluminium suspension linkage reduces chassis weight and contributes to the responsive rear suspension action.

Brakes

- * Dual 300 mm front discs operated by twin-pot callipers deliver confidence-inspiring stopping performance in town and on the highway. (Photo 4)



- * The lightweight 220 mm rear disc is operated by a lightweight single-pot calliper.

RELAXED RIDING POSITION

Ergonomics

- * Natural riding position makes it easier for riders to reach the ground with their feet. This confidence-inspiring quality will prove especially popular with intermediate riders and ladies.
- * An ideal relationship between pegs, seat and handlebars gives a spacious and relaxed riding position that helps reduce fatigue, even on long highway rides.
- * Elegantly waisted rear tank section makes it easy for riders to grip the bike with their knees.

Bodywork

- * Horizontal ducts on either side of the cowl create an “air curtain” which reduces wind buffeting at higher speeds and improves rider comfort. This patented feature is available only from Kawasaki.

SPORTY NEW “Z” LOOK



Styling/Bodywork

- * Compact bikini cowl contributes to the Z750's fresh new look. Smaller than the Z1000's unit, the new cowl's shape is also unique to the Z750. (Photo 5)



- * Attractively sculpted seat cowl and bodywork give the Z750 exciting new lines.
- * Optional single-seat cover can replace the tandem seat to give the bike a more aggressive image. (Photo 6)



- * No other machine in its category offers an oval-section muffler. The appearance of the brushed-finish centre section is complemented by the highly polished end caps. (Photo 7)
- * The surface treatments combine glossy and matt finishes that further enhance the Z750's sporty image.
- * Independent passenger footpeg brackets give the bike a lighter look and make it easy to fit after-market parts.
- * Gold-coloured engine bolts will also be used for added contrast and to enhance the machine's high-quality appearance.

Wheels

- * New front and rear wheels feature a six-spoke design with “H” cross-section spokes. This lightweight and stylish design is also used on the Ninja ZX-10R wheels. (Photo 8)



Instruments

- * Lightweight instrument cluster featuring a perimeter LCD tachometer and digital LCD speedometer in addition to a digital temp gauge, clock, tripmeter, fuel gauge and a comprehensive range of indicator lamps is very compact and stylish, and shares its design with the high-performing Ninja supersport bikes. Red LED enhances both readability and aesthetics. (Photo 9)



ADDITIONAL FEATURES

Engine

- * Designed for litre-class performance, the Z1000 base engine ensures high reliability and long-term durability.
- * Use of KLEEN (Kawasaki Low Exhaust Emission) catalyser system helps keep exhaust emissions environmentally friendly. Metal honeycomb catalyser helps ensure that emissions meet Euro II regulations.

Chassis

- * Ample fuel tank capacity gives the Z750 a long cruising range between fill-ups.
- * Environmentally friendly wheels eliminate lead balance weights in favour of less toxic steel weights.

COLOUR(S)

* Oriental Blue



* Sunbeam Red



* Ebony



SPECIFICATIONS

ENGINE	ZR750-J1
Type	Liquid-cooled, 4-stroke In-Line Four
Displacement	748 cm ³
Bore and Stroke	68.4 x 50.9 mm
Compression ratio	11.3:1
Valve system	DOHC, 16 valves
Fuel system	Fuel injection: Ø 34 mm x 4 (Keihin)
Ignition	Digital
Starting	Electric
Lubrication	Forced lubrication, wet sump
DRIVETRAIN	
Transmission	6-speed, return
Final drive	Sealed chain
Primary reduction ratio	1.714 (84/49)
Gear ratios: 1st	2.571 (36/14)
2nd	1.941 (33/17)
3rd	1.555 (28/18)
4th	1.333 (28/21)
5th	1.200 (24/20)
6th	1.095 (23/21)
Final reduction ratio	2.867 (43/15)
Clutch	Wet multi-disc, manual
FRAME	
Type	Diamond, high-tensile steel with detachable right front-top engine mount
Wheel travel: front	120 mm
rear	126 mm
Tyre: front	120/70ZR17M/C (58W)
rear	180/55ZR17M/C (73W)
Caster (rake)	24.5°
Trail	104 mm
Steering angle (left/right)	33° / 33°

SUSPENSION	ZR750-J1
Front: Type	41 mm telescopic fork
Rear: Type	Bottom-Link Uni-Trak
Rebound damping	4-way
Spring preload	7-way
BRAKES	
Front: Type	Dual semi-floating 300 mm discs
Calliper	Dual twin-piston
Rear: Type	Single 220 mm disc
Calliper	Single-piston
DIMENSIONS	
Overall length	2,080 mm
Overall width	780 mm
Overall height	1,055 mm
Wheelbase	1,425 mm
Ground clearance	165 mm
Seat height	815 mm
Dry weight	195 kg
Fuel capacity	18 litres
PERFORMANCE	
Maximum power	81 kW {110 PS}/ 11,000 rpm (40A, 40B) 80 kW {109 PS}/ 11,000 rpm (303, 310) 79 kW {107 PS}/ 10,500 rpm (202) 78.2 kW {106 PS}/ 11,000 rpm (40D) 72 kW {98 PS}/ 11,000 rpm (40A-72kW)
Maximum torque	75 N·m {7.6 kgf·m}/ 8,200 rpm (40A, 40B, 202, 303, 310) 73 N·m {7.4 kgf·m}/ 8,200 rpm (40D) 72 N·m {7.3 kgf·m}/ 8,000 rpm (40A-72kW)

The specifications mentioned here apply to and have been achieved by production models under standard operating conditions. We intend only to give a fair description of the vehicle and its performance capabilities but these specifications may not apply to every machine supplied for sale. Kawasaki Heavy Industries, Ltd. reserves the right to alter specifications without prior notice. Equipment illustrated and specifications may vary to meet individual markets. Available colours may vary by market.