

# TRUE SPIRIT

## Z900RS

A RETRO SPORT MODEL IN HOMAGE  
TO THE LEGENDARY Z1





# HOMAGE TO THE LEGEND

*True Spirit*

***There's no place for fake in the lifestyle you choose. Kawasaki alone has the heritage to deliver yesterday's values to today's riders in a truly authentic Modern Classic bike.***

***The viscera  
spirit of a  
1970s legend***

Kawasaki's original king of cool Z1 – finds expression in the Z900RS, to satisfy the very essence of the rider you are now.

This lightweight and compact engine spools up quickly and delivers solid and smooth performance when pushed but is versatile enough to be ridden in traffic with ease.

# Z900RS

## Strong, Smooth In-Line Four Engine

Like the Z1, the Z900RS features a 900cc-class In-Line Four - an engine configuration that inherently offers a great balance of power and manageability. Tuning focuses on the low-mid range. Revs build in a measured, but very determined manner, giving the rider a sense of connectedness between the throttle and rear wheel.



The liquid-cooled, DOCH, 16-valve 948cc In-Line Four engine unit is based on that of the Z900, but for the RS, Kawasaki engineers wanted to create an engine character completely different from its Supernaked counterpart.

Downdraft throttle bodies allow intake air to travel to the engine in the shortest possible distance, contributing to performance.



## Synchronous Ride Feel

Thanks to its smooth In-Line Four tuned for string low-mid range torque, and unhurried handling care of its lightweight trellis frame, the ride feel of the Z900RS is unique in the retro category. Both engine and chassis responses were carefully designed to not be too quick, making it easier to feel at one with the bike.



## Kawasaki's First Tuned Exhaust Note

While Kawasaki In-Line Four engines are historically renowned for their great-sounding exhausts, this is the first time Kawasaki has conducted sound research to craft a model's idea exhaust note. Designed to elicit rider response, the sound tuning focused on the engine's initial roar to life, idling and low-speed riding where the rider is best able to enjoy the exhaust's deep rumble.





### Lightweight Trellis Frame

Complementing a light overall weight (noticeable as soon as the bike is lifted off its side-stand), frame rigidity and chassis geometry tuning were selected to deliver light and natural handling. Like the engine, the chassis responds to rider input predictably, going where the rider wants it to without resistance. In keeping with its retro sport model character, the Z900RS stance is less forward-leaning than the Z900.

### Chassis

Original cast wheels feature flat spokes designed to look like classic wire-spoked wheels. Designed using Kawasaki's advanced analysis technology, the wheels offer a balance of light weight and stylish looks contributing to both handling and a design suited to the retro category.

Machining on the spokes contributes to the bike's high-quality image, low unsprung weight (thanks to parts like the swingarm and wheels) greatly contributes to the light, natural handling.



### Inverted Front Fork & Horizontal Back-Link Rear Suspension

41 mm inverted front fork contributes to excellent ride comfort and sporty riding potential. Response is unhurried, offering reassuring handling in riding situations ranging from in-town to winding roads. The high-grade fork features compression (10-way) and rebound (12-way) damping adjustability as well as stepless preload adjustability, enabling precise settings to suit rider's preference and riding style.



### Radial-Mount Front Brakes

300 mm front discs gripped by radial-mount calipers provide sure, strong stopping power. Radial-pump front brake master cylinder strong stopping power.

The machined monobloc callipers feature an alumite coating and are laser-etched with a Kawasaki logo, adding to the bike's high-quality sporty looks.

## Relaxed Riding Position

Whether navigating city streets or winding through the hills, the Z900RS relaxed riding position, more upright than that of the Z900, offers both comfort and control, accommodating both leisurely riding or running at a more spirited pace.

Wide, flat handlebar contributes to the retro sport styling while offering a wide grip to facilitate control. Relative to the Z900, the handle grips are 30 mm wider (total), and 65 mm higher and 35 mm back (closer to the rider), offering a more upright riding position.



## Timeless Styling

With a seamless blend of Z1-inspired styling elements and modern craftsmanship - from the iconic teardrop fuel tank to the innovative oval LED taillight - the Z900RS offers timeless good looks with an exquisite attention to detail and superb fit-and-finish that results in a very high-quality appearance.

The centrepiece of the Z900RS design, the beautiful teardrop fuel tank is reminiscent of the Z1. The frame was completely redesigned to accommodate the tank's ideal position and slim shape. Only after the fuel tank position was fixed, the seat length, tandem seat and tail cowl length were all balanced for the optimal retro sport model proportions.

## MODEL SPECIFICATIONS

### ENGINE

Type	Liquid-cooled, 4-stroke In-Line Four, DOHC
Displacement	948 cc
Bore x Stroke	73.4 x 56.0 mm
Compression Ratio	10.8:1
Fuel Supply	Fuel Injection
Lubrication System	Forced Lubrication Wet
Starting System	Electric Starter
Ignition System	B&C (TCBI EL. ADV. D.)

### FRAME

Type	Tubular, Diamond	
Suspension:	Front	Telescopic Fork
	Rear	Horizontal Back-link SWG. ARM
Wheel Travel:	Front	120mm
	Rear	140mm
Caster (Rake Angle)	25.0	
Trail	98mm	
Steering Angle (left/right)	35/35	
Tyre:	Front	120/70ZR17M/C (58W)
	Rear	180/55ZR17M/C (73W)
Brake:	Front	Dual disc (287mm)
	Rear	Single Disc (216mm)

### DIMENSIONS

Overall Length	2,100 mm
Overall Width	865 mm
Overall Height	1,150 mm
Wheelbase	1,470 mm
Road Clearance	135 mm
Seat Height	835 mm
Curb Mass	215 kg
Fuel Capacity	17 litres

### DRIVETRAIN

Driving System	Chain
Transmission	6-speed, Return Shift
Primary Reduction ratio	1.627 (83/52)
Final Reduction ratio	2.800 (42/15)
Clutch Type (Primary)	Wet, Multi-disc

### PERFORMANCE

Max. Power	82.0 kW / 8,500 rpm
Max. Torque	95.5 Nm / 6,500 rpm

### LIGHT

Headlight (High/Low)	LED/LED
Brake/Tail Light	LED

# Z900RS



\* Specifications are subject to change without prior notice

\*\* Pictures displayed are for illustration purposes only. Actual product may vary.

## Z900RS

True Spirit is the tag line and hashtag for Z900RS.

As originators of the 900 Super Four (Z1) in 1972, Kawasaki is in a unique position to use that Z knowledge and heritage to create a new machine.

A machine suited and equipped for the modern environment yet harking back to not just the True Spirit of the Z family but also the True Spirit of what makes riding a motorcycle so special.

### Kawasaki Technology



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