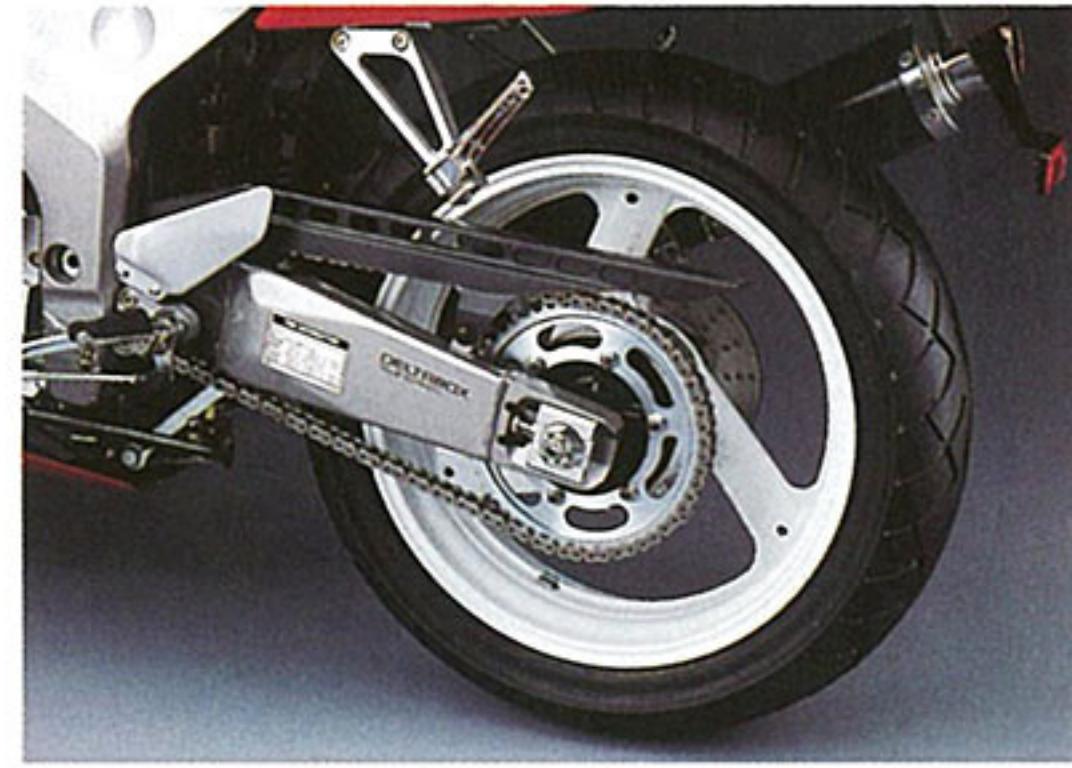
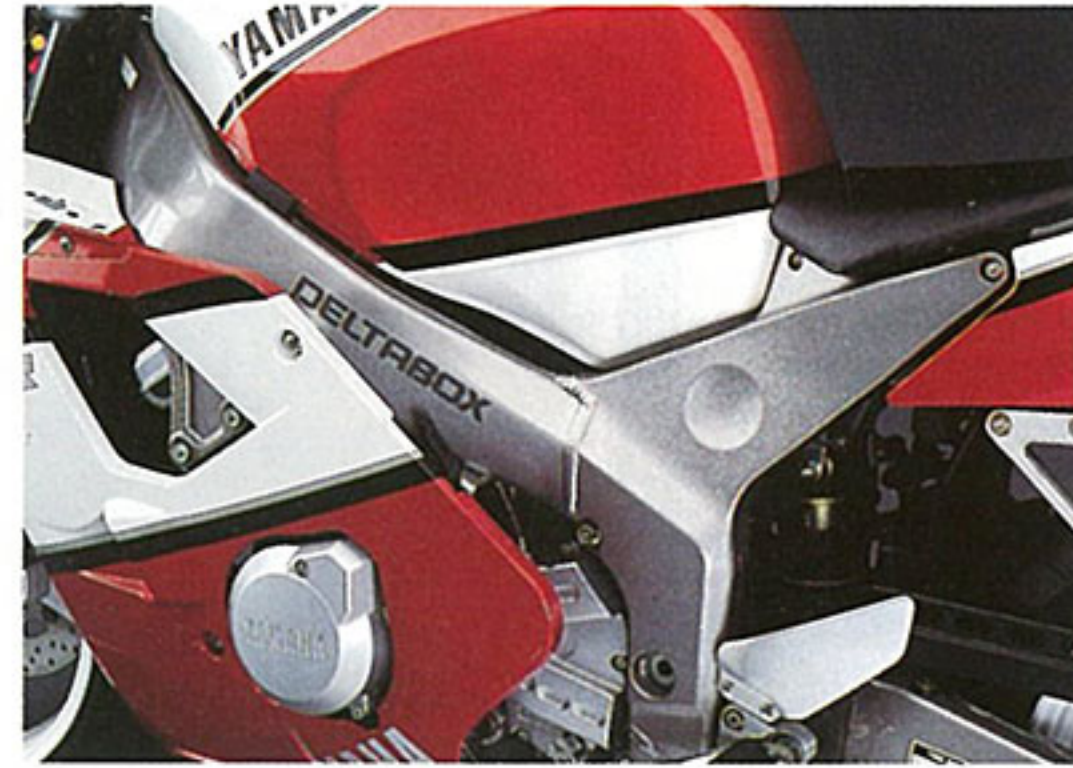
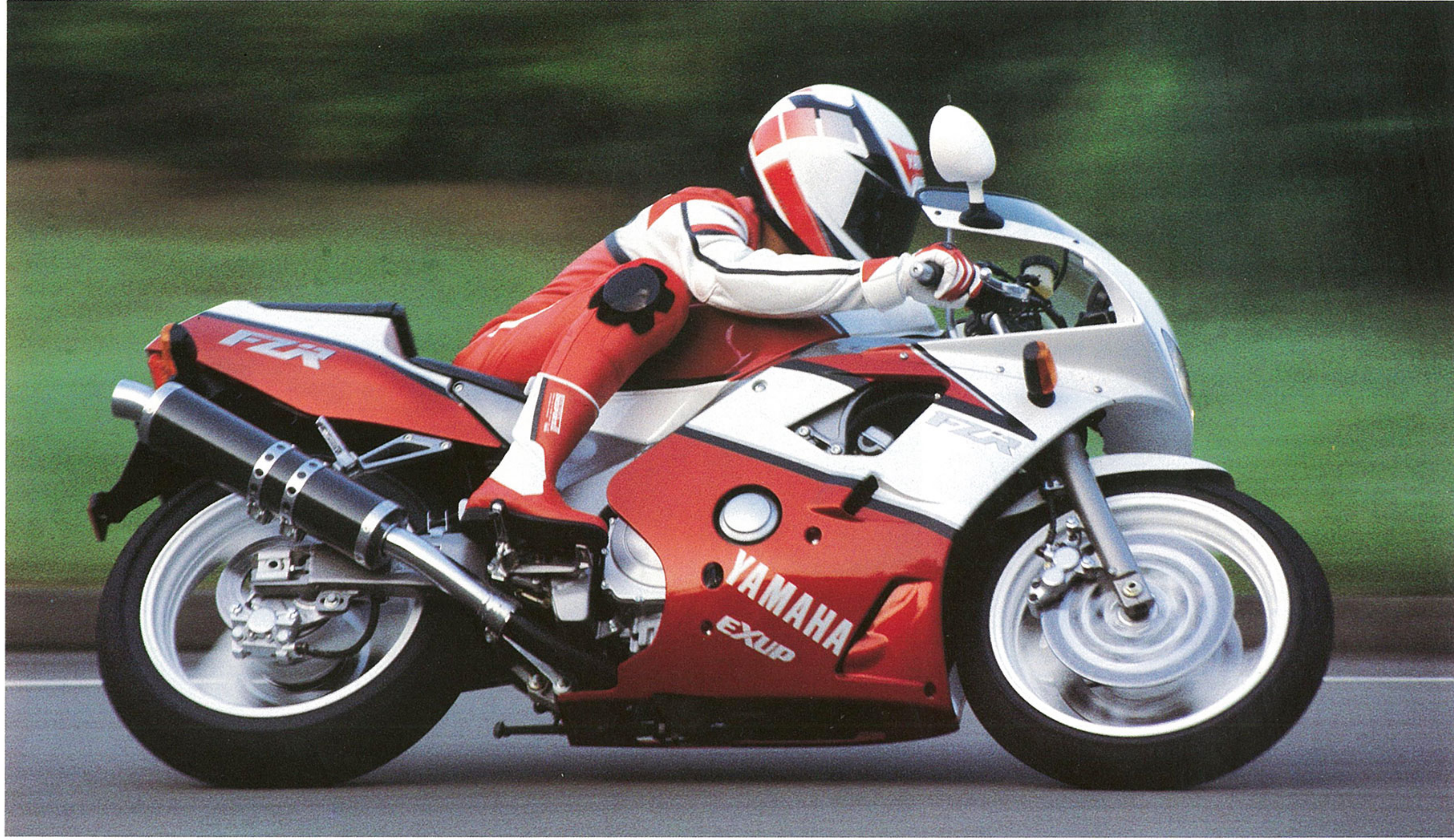


FZR400RR

YAMAHA



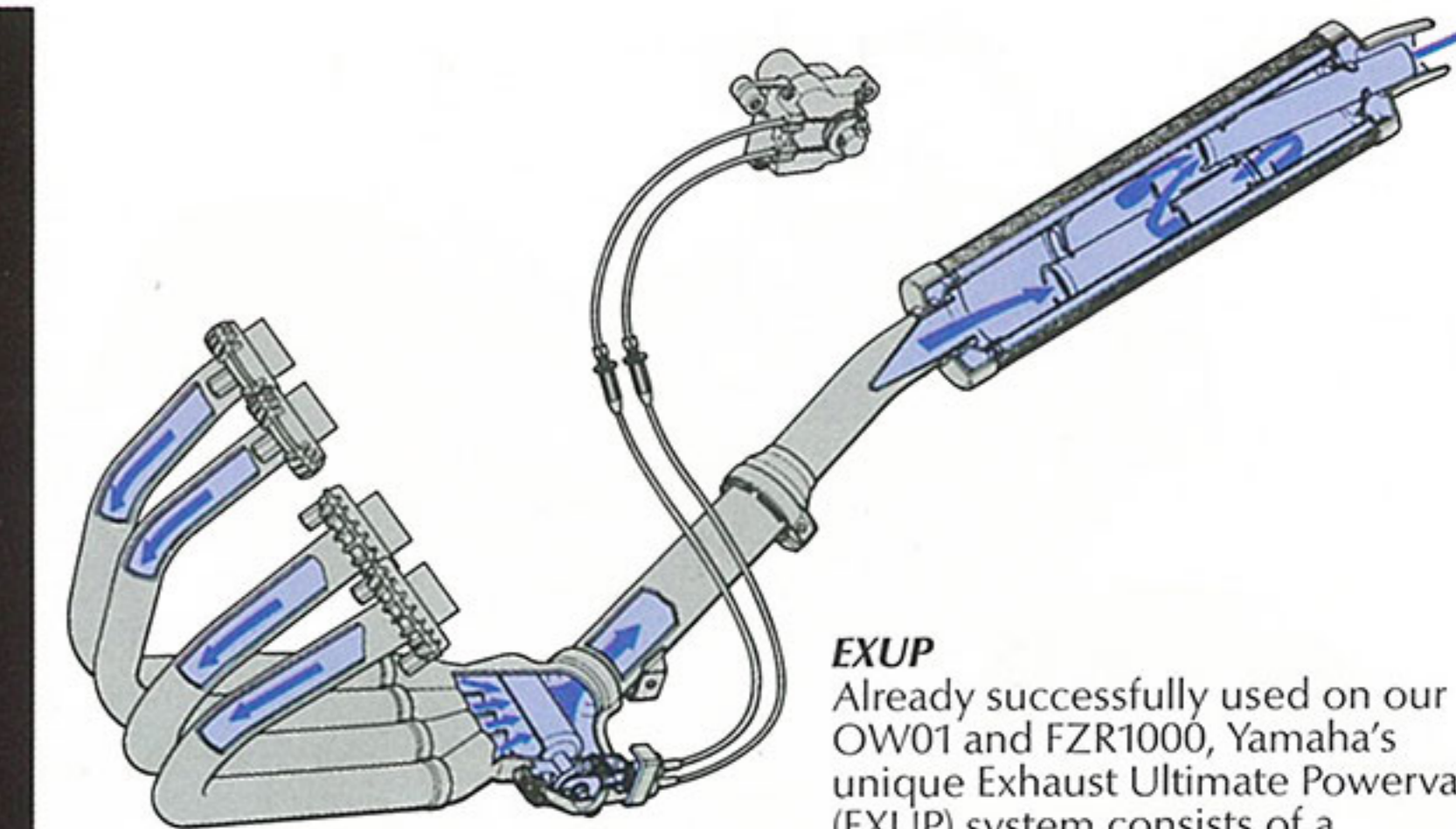
Yamaha FZR400RR. High technology, high performance and high excitement!

Genesis. EXUP. Deltabox. These are just some of Yamaha's race-bred innovations that have kept our large capacity FZR's way ahead of the competition. And they're available on the most advanced road-going middleweight to come out of the Yamaha factory, the FZR400RR.

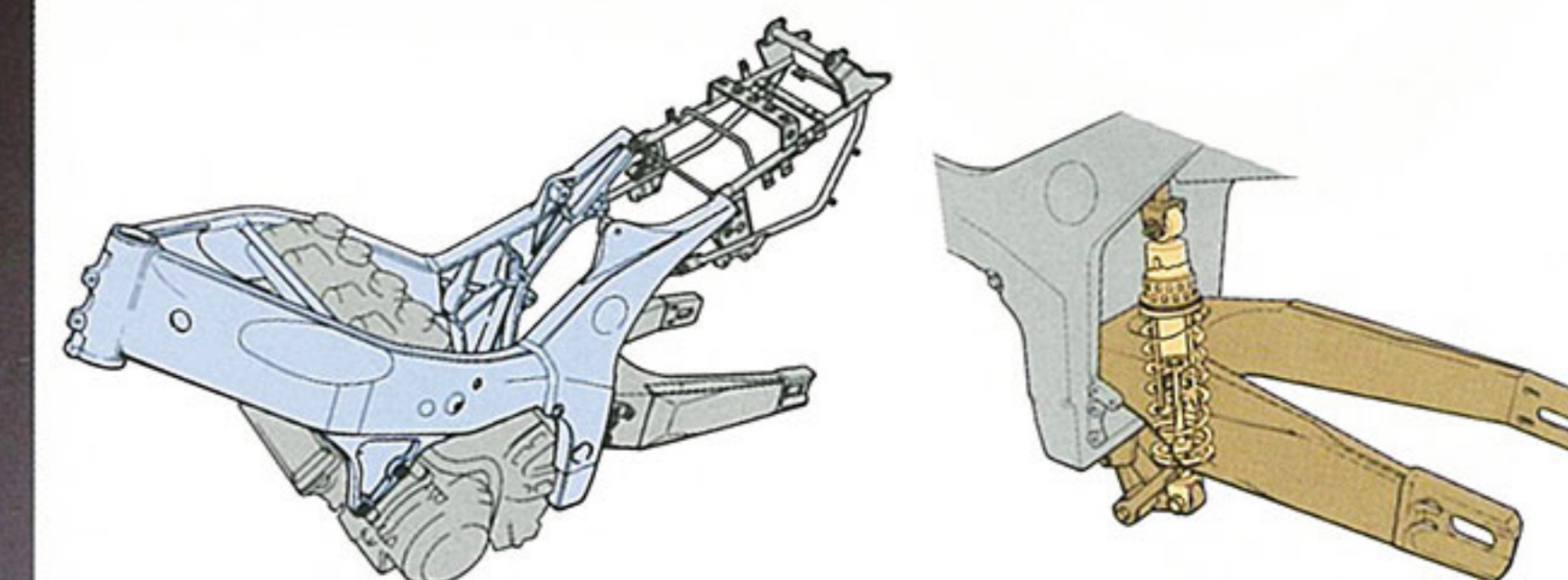
Based closely on our factory YZF400 racebike, the FZR is one of the highest specification machines on the street – at any capacity. Built using Yamaha's famous slant-block Genesis technology, the 16-valve EXUP engine produces outstanding top-end performance as well as strong mid-range punch.

And with its ultra-light, super-stiff Deltabox frame and swinging arm, the machine's superb handling performance outclasses virtually everything else on two wheels.

FZR400RR. Almost unbelievable!

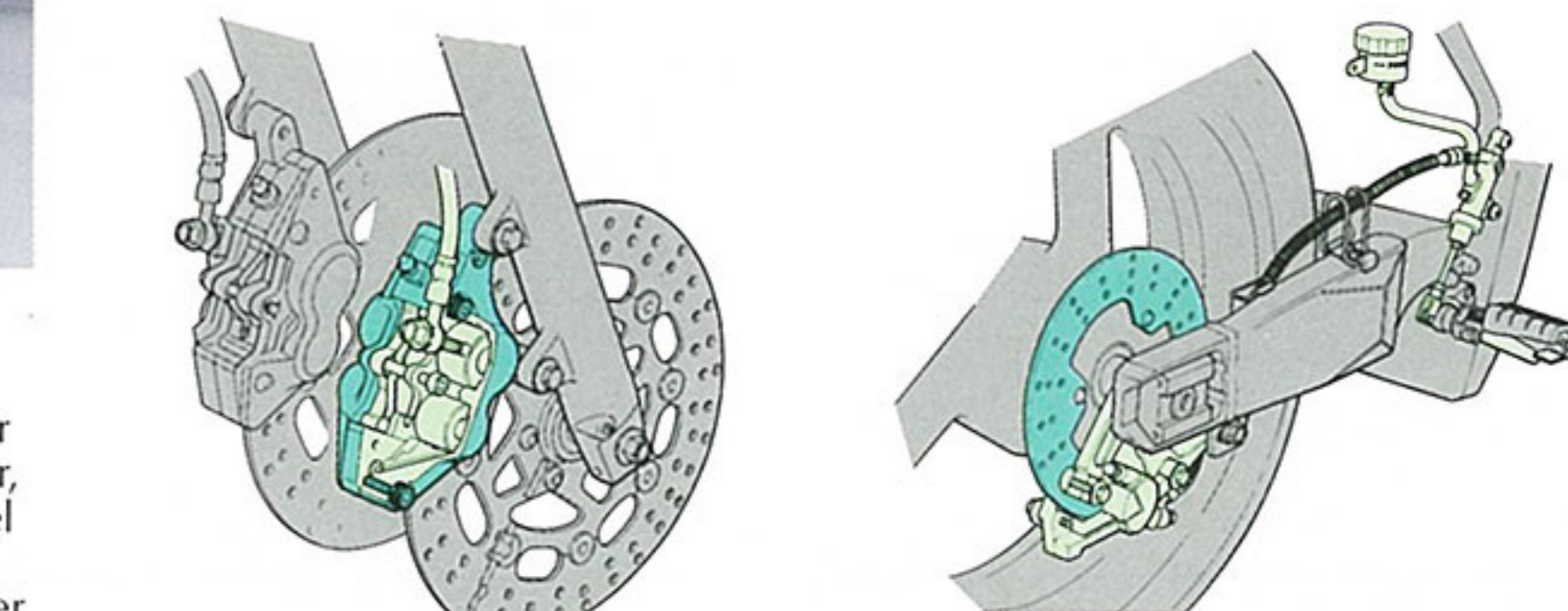


EXUP
Already successfully used on our OW01 and FZR1000, Yamaha's unique Exhaust Ultimate Power Valve (EXUP) system consists of a servomotor-operated valve in the exhaust which substantially boosts low to mid-range torque.



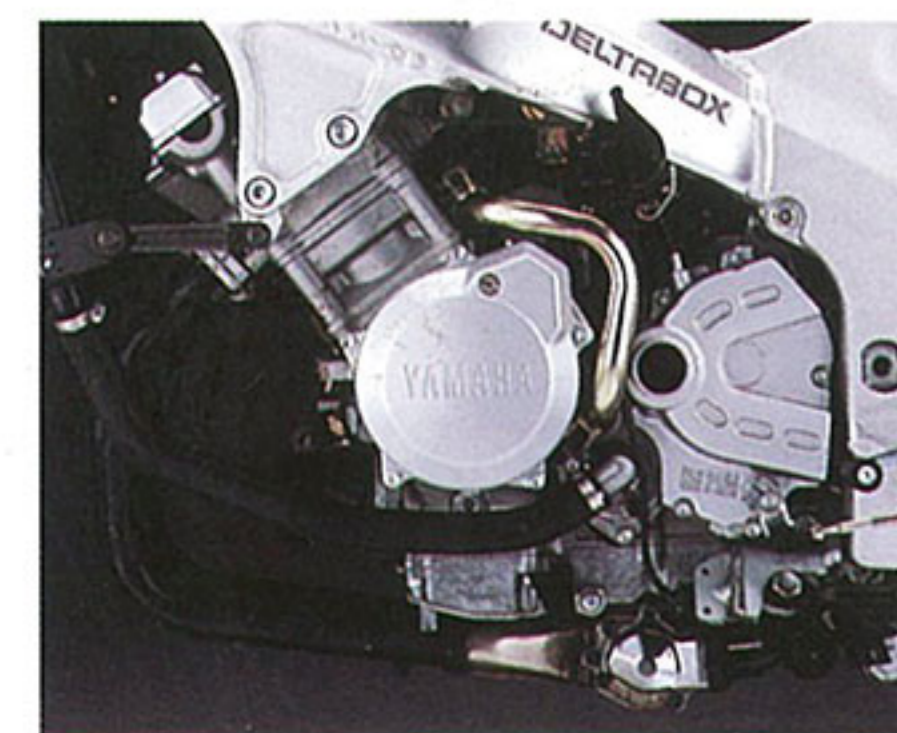
Deltabox frame
Another spin-off from our factory racing programme is the aluminium Delatabox frame. Using the FZR400RR engine as a stressed member, this advanced design is immensely rigid and extremely light, giving sharp handling.

Rear suspension
Monocross rear suspension system uses a 9-step preload-adjustable gas/oil shock and lightweight Delatabox swinging arm for precise and responsive rear end characteristics, and is fitted with race-style chain pullers for accurate adjustment.

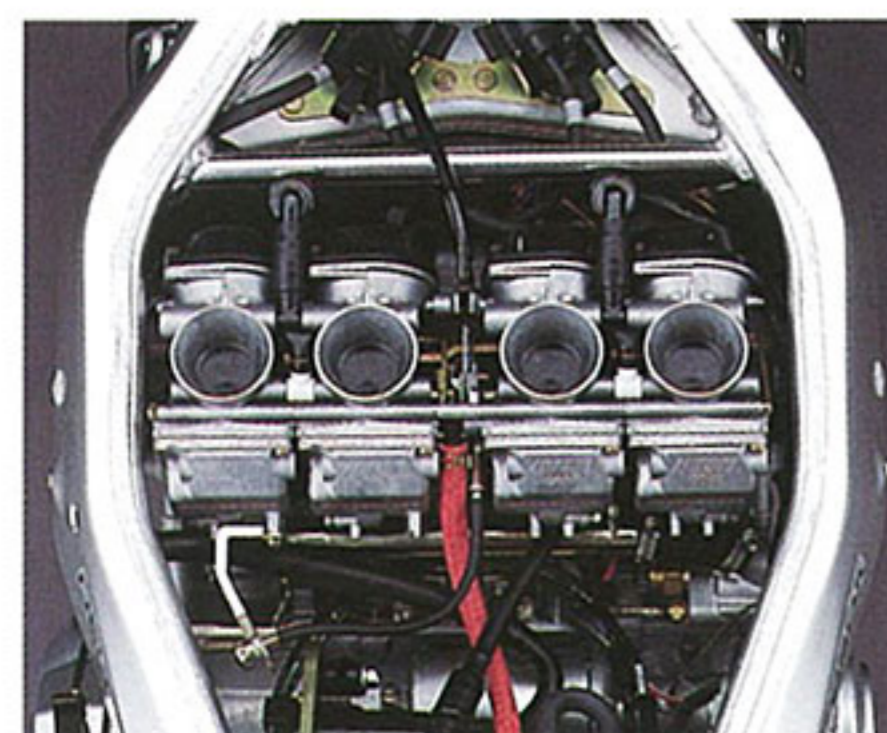


Front brake
Dual 298mm floating discs with powerful 4-pot calipers ensure progressive and controllable braking power. A span-adjustable lever offers a choice of 4 positions, while further YZF influence is underlined by the separate fluid reservoir.

Rear Brake
Designed to match and complement the powerful front-end set up is a lightweight 210mm drilled rear disc with a 2-pot caliper giving excellent braking performance with plenty of feel.



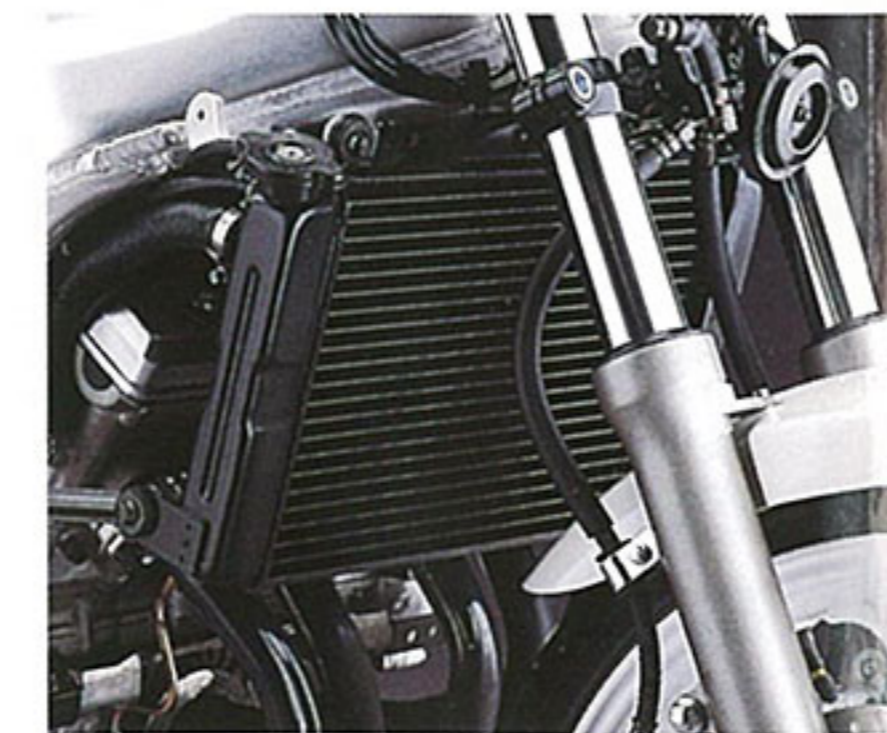
Engine
Genesis-design 16 valve liquid-cooled in-line 4-cylinder engine features narrow-angle valves, straight inlet tracts and compact combustion chambers for optimum power output, while the block is inclined forwards at 35 degrees for ideal weight distribution and low centre of gravity.



Carburettors
Situating as close as possible to the FZR's head for instantaneous throttle response, the four Mikuni BDST32 downdraft carburettors are precision-finished to competition standards to achieve high levels of intake efficiency.



Silencer
For reduced weight and increased durability the FZR's throaty sounding 4-into-1 exhaust system uses a race-proven carbon fibre silencer with lightweight aluminium intermediate and tail pipes.



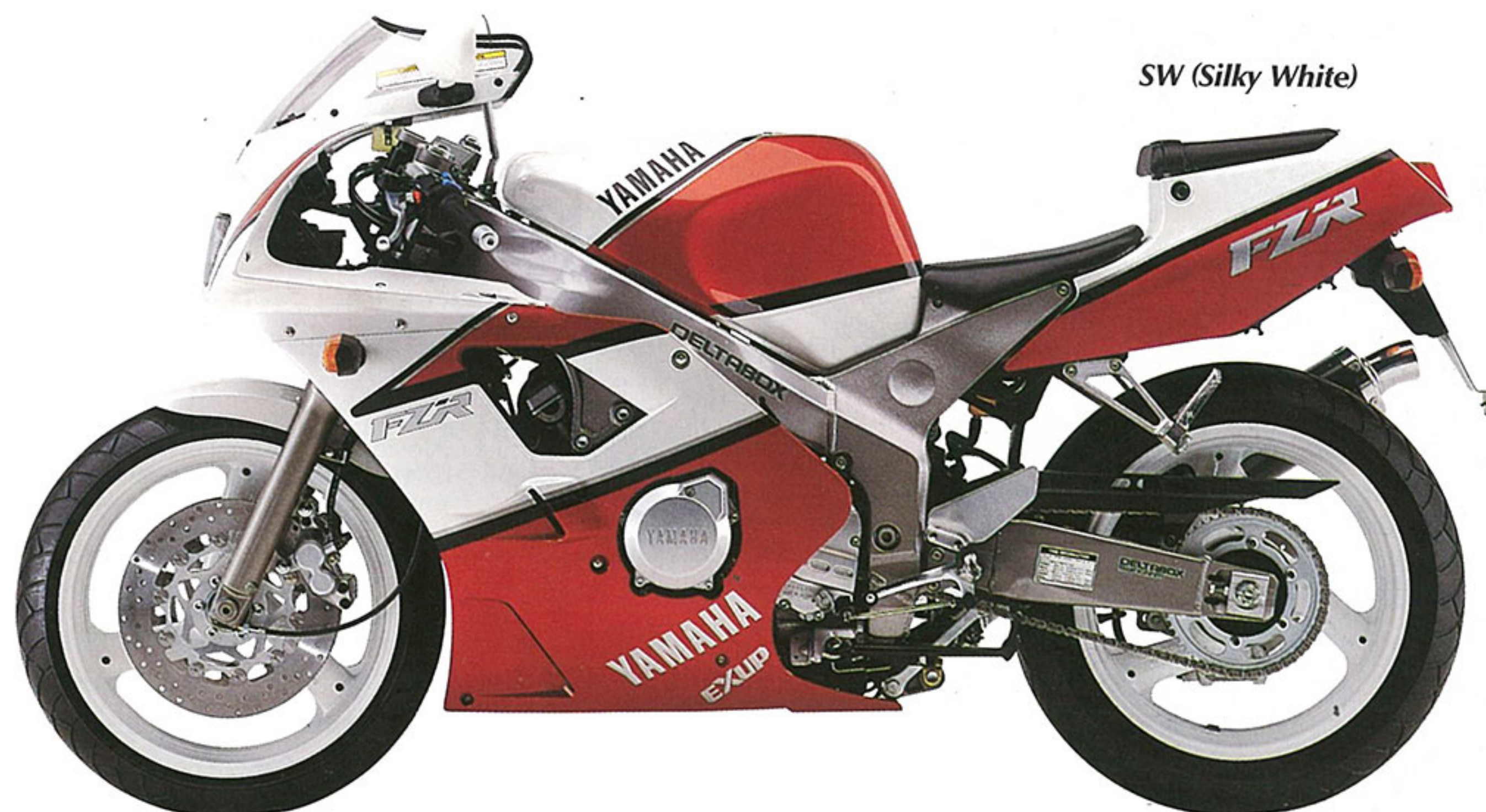
Radiator
To maintain peak power at high revs the FZR is fitted with a large capacity aluminium cross-flow radiator which stabilises running temperatures and helps keep overall machine weight low.



Fairing/Headlamp
The aerodynamically-efficient slant-nose fairing incorporates twin Fresh Air Intakes (FAI) which direct cool air to the large capacity airbox, and for excellent night time visibility the FZR uses twin flush-fitting projector headlights.



Instrumentation
Developed from our YZF400 factory racer, the instrument panel features a centrally-mounted tachometer with a coolant temperature gauge on the right and a speedometer on the left, together with a range of highly visible indicator lights.



SW (Silky White)

FZR400RR TECHNICAL SPECIFICATIONS

ENGINE

Type 4-stroke, liquid-cooled,
DOHC 4-valve,
parallel four cylinder
Displacement 399 cc
Bore & stroke 56.0 × 40.5 mm
Compression ratio 12.2 : 1
Max. power (DIN) 66 PS
(48.5 kW) @12,500 rpm
(ISO) 61.2 PS
(45 kW) @12,500 rpm
Max. torque (DIN) 4.3 kg-m
(42.2 Nm) @10,000 rpm
(ISO) 4.3 kg-m
(42.2 Nm) @10,000 rpm
Lubrication Wet sump
Carburation Mikuni BDST32 × 4
Ignition Transistorized
Starter system Electric
Fuel tank capacity 15 litres
Oil capacity 3.5 litres
Transmission 6-speed
constant mesh
Final transmission Chain

CHASSIS

Overall length 2,015 mm
Overall width 705 mm
Overall height 1,080 mm
Seat height 760 mm
Wheelbase 1,370 mm
Min. ground clearance 125 mm
Dry weight 160 kg
Front suspension... Telescopic forks
Rear suspension..... Swinging arm
(Monocross)
Front brake Dual 298 mm Ø discs
Rear brake Single 210 mm Ø disc
Front tyre 120/60R17 55H
Rear tyre 160/60R17 69H

Always wear a helmet, eye protection and protective clothing. Yamaha encourage you to ride safely and respect fellow riders and the environment. Specifications and appearance of Yamaha products shown here may vary according to requirements and conditions, and are subject to change without notice. For further details, please consult your Yamaha dealer.

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