

FZR1000

YAMAHA



***The new FZR1000 from
Yamaha. If you want to get a
little closer to the edge...***

Regarded as one of the most exciting performance motorcycles ever built, the FZR1000 moves one step closer to the ultimate. The new 3rd generation Genesis.

Making one of the best even better wasn't easy — but our engineers have done it! And we've missed nothing!

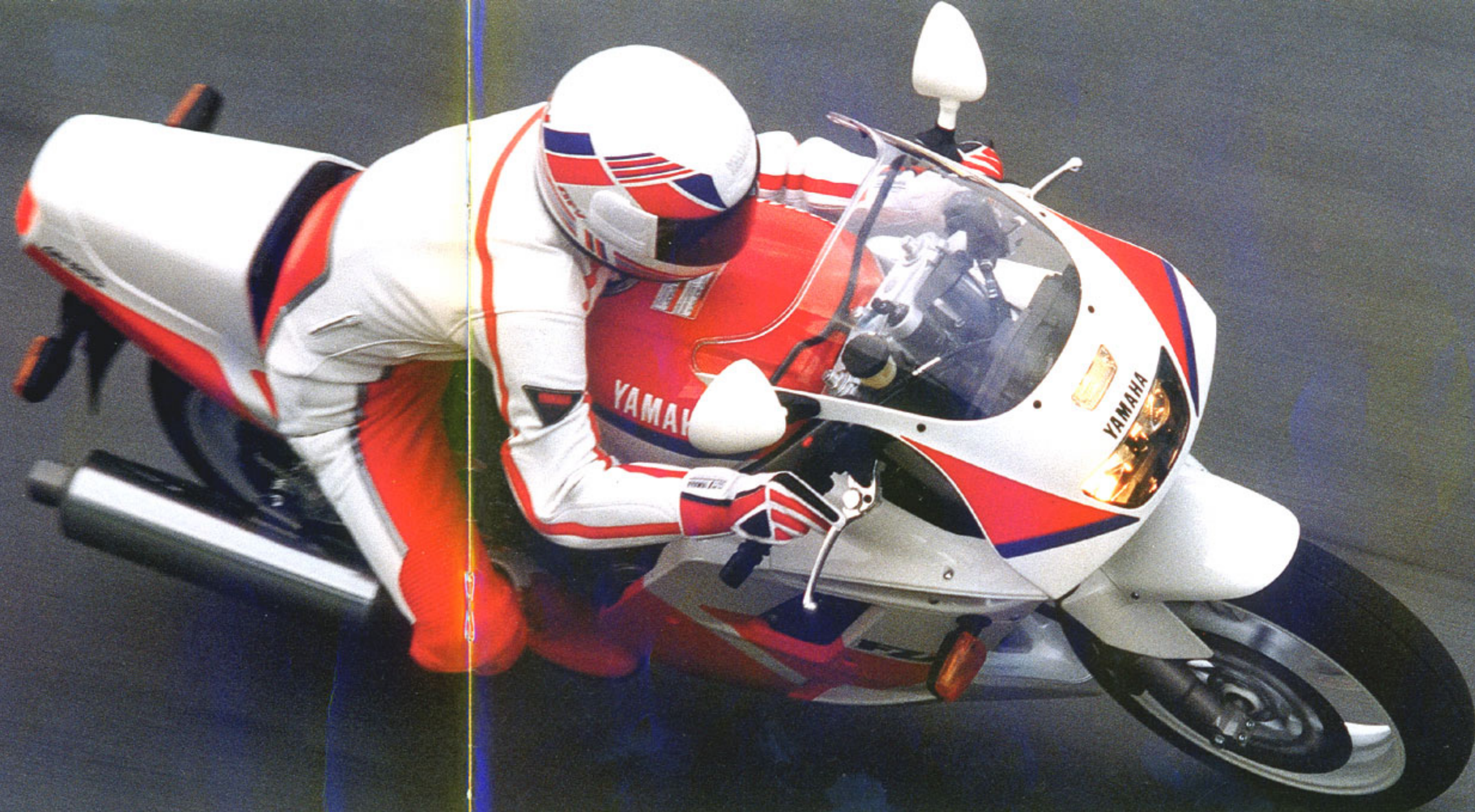
Engine modifications make the class-leading 20-valve power plant more efficient and easier to service. A new liquid-cooled oil cooler improves heat dissipation for a more constant running temperature. And for easier servicing there's a new cartridge oil filter.

First developed for the race-track, upside-down front forks are fitted to the new FZR. Offering greatly-improved rigidity and much smoother action, this system represents a giant step forward in overall chassis performance.

And the styling is something else! Lower at the front, the aggressive slant-nose fairing houses a new flush fitting headlight. Flowing smoothly into the redesigned side panels and tail, the whole assembly cuts through the air even more effectively than before.

But words cannot convey just how good the new FZR1000 really is. There's only one way to discover for yourself what it's like to get a little closer to the edge.

And that's by riding one.



Genesis concept. Look under the surface and you'll see what we mean.

Not so long ago, motorcycle design was still relying on the principles used for decades. The frame was designed to fit around the engine, and the rest followed on from that. And then Yamaha engineers decided to completely reappraise machine development.

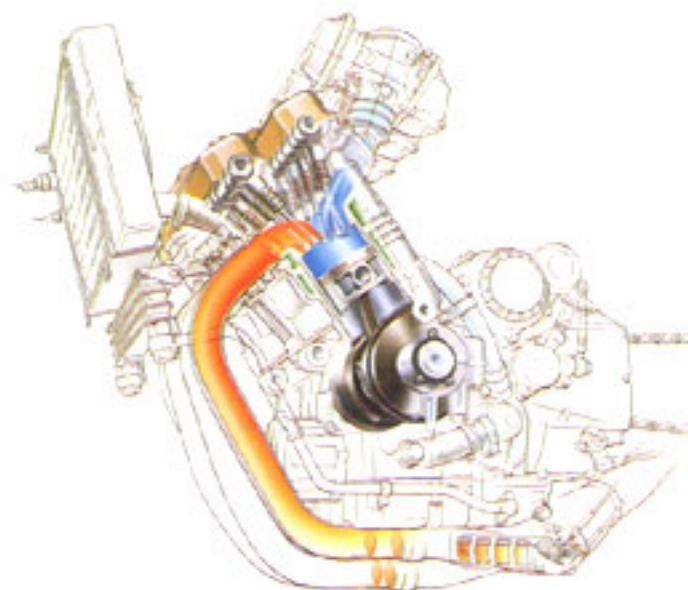
Our team set about producing an all-new, fully-integrated design. A machine whose engine and frame configurations would complement each other and mutually enhance overall performance. We call it the Genesis concept. And there is no better example of this revolutionary new approach than the FZR1000.

See how the motor acts as a stressed member of the frame, increasing chassis rigidity and reducing weight. And by being inclined forwards, centre of gravity and front/rear weight distribution are as close to perfection as you'll find on any motorcycle.

Take a look at the Deltabox frame's wide top rails which give immense strength and create clear breathing space for the four downdraught carburetors — as well as quick access to the motor's top end.

Next time you look at a Yamaha FZR, remember that there is a lot more to it than meets the eye.

That's the genius of Genesis!



Engine

Liquid-cooled, forward-inclined motor features our unique 5-valve head design for vastly improved mid-range and top-end power output. Sloping block keeps centre of gravity low for optimum handling, and permits the use of virtually straight inlet tracts fed by a bank of four downdraught carburetors which give instant throttle response.

Deltabox frame

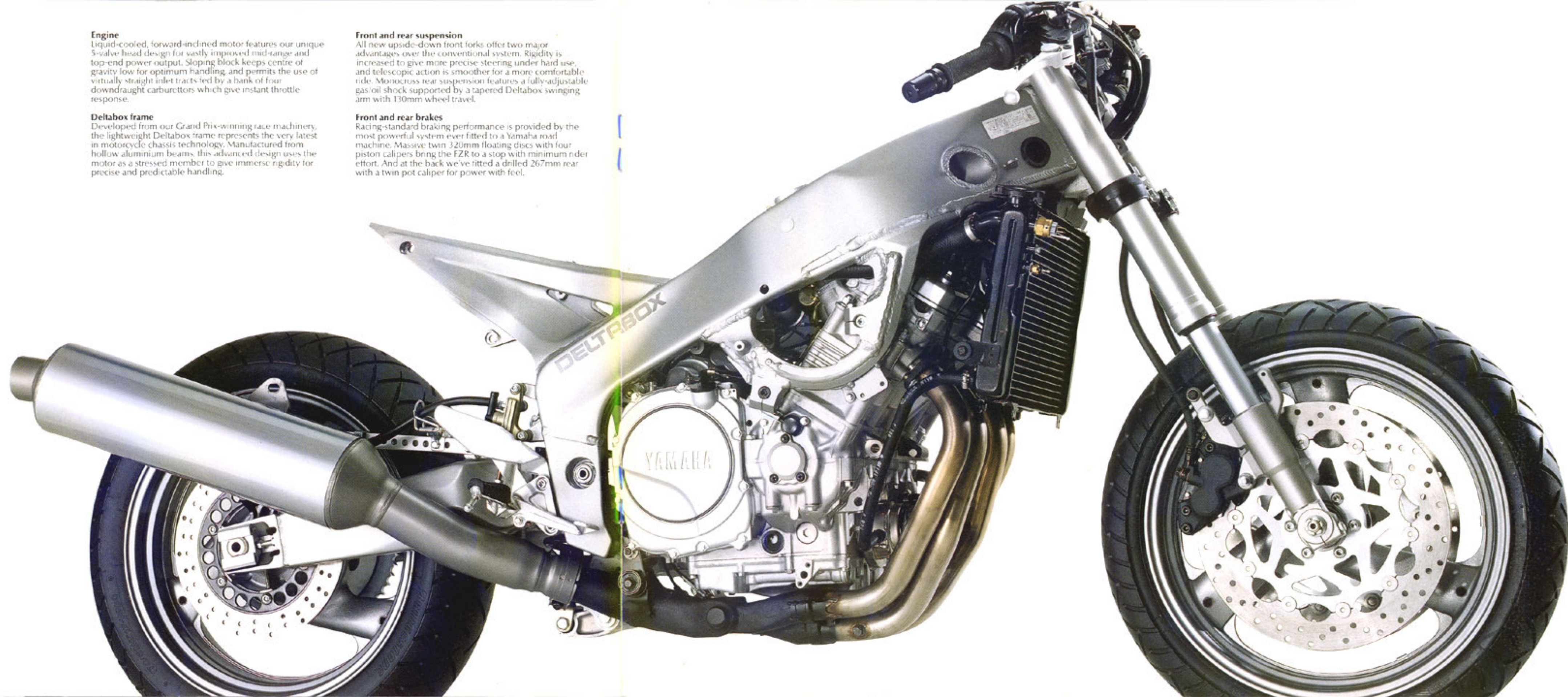
Developed from our Grand Prix-winning race machinery, the lightweight Deltabox frame represents the very latest in motorcycle chassis technology. Manufactured from hollow aluminium beams, this advanced design uses the motor as a stressed member to give immense rigidity for precise and predictable handling.

Front and rear suspension

All new upside-down front forks offer two major advantages over the conventional system. Rigidity is increased to give more precise steering under hard use, and telescopic action is smoother for a more comfortable ride. Monocross rear suspension features a fully-adjustable gas/oil shock supported by a tapered Deltabox swinging arm with 130mm wheel travel.

Front and rear brakes

Racing-standard braking performance is provided by the most powerful system ever fitted to a Yamaha road machine. Massive twin 320mm floating discs with four piston calipers bring the FZR to a stop with minimum rider effort. And at the back we've fitted a drilled 267mm rear with a twin pot caliper for power with feel.





Instrument panel

Recessed neatly in the new upper fairing is the redesigned instrument console, designed to be informative and unobtrusive. Styled along the lines of the panel used on our Grand Prix race bikes, the tachometer, speedometer and indicator lights display all the operating information you need.



Headlight/FAI system

New flush-fitting (projector low beam/halogen high beam)* headlight is mounted lower in the reshaped slant-nosed fairing for excellent night-time visibility and improved aerodynamic efficiency. FAI (Fresh Air Intake) system feeds cool, fresh air to the CV carburetors for efficient cylinder filling — and more power.



Adjustable brake lever

New fully-adjustable front brake lever with 14 in seconds to suit individual rider preference. Choose from any one of four lever positions between 81 and 91.5mm from the bars for maximum stopping power and easier lever action.



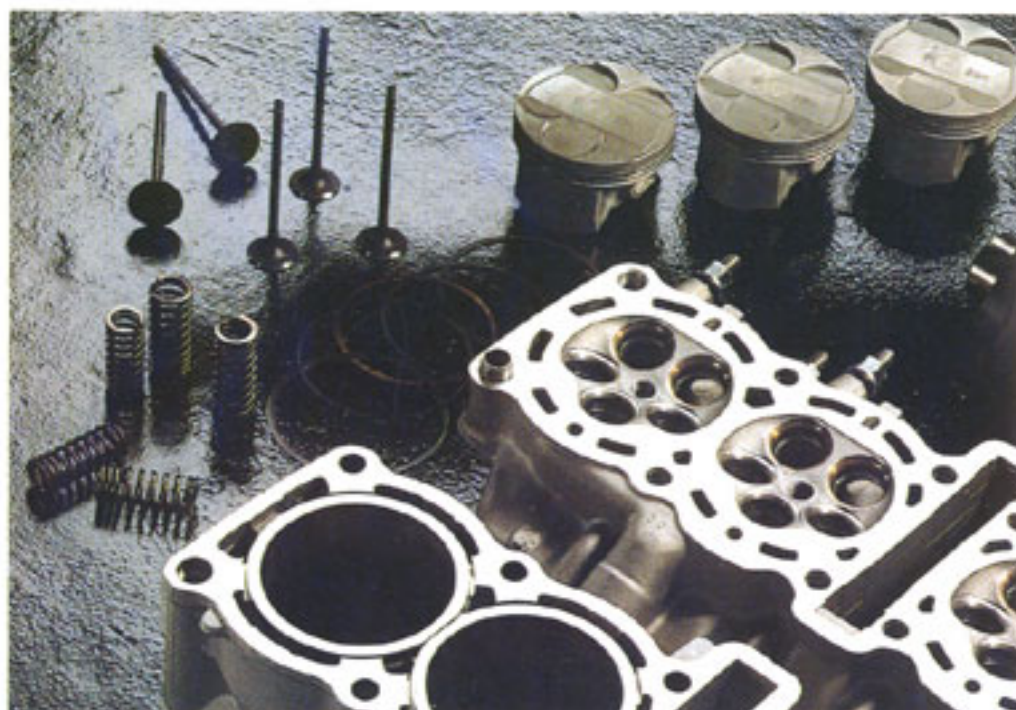
Control switches

Wherever our design team saw that an improvement could be made to the 3rd generation FZR, it has been — including the switchgear. Easy to operate, the redesigned controls allow simple and accurate one-touch operation every time.



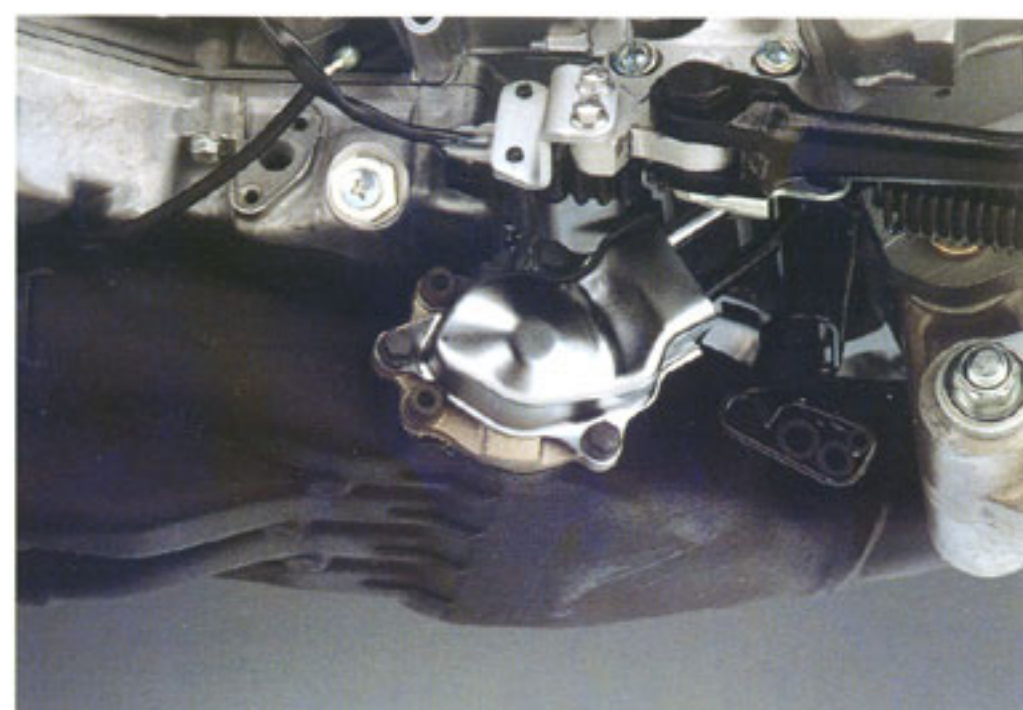
Wheels/tyres

Tyres are the very best available, with a wide 170/60 VR17 rear and 130/60 VR17 front offering excellent straight-line stability and confidence-inspiring cornering — and to keep unsprung weight down the super sticky covers are fitted to light-alloy hollow-spoke wheels.



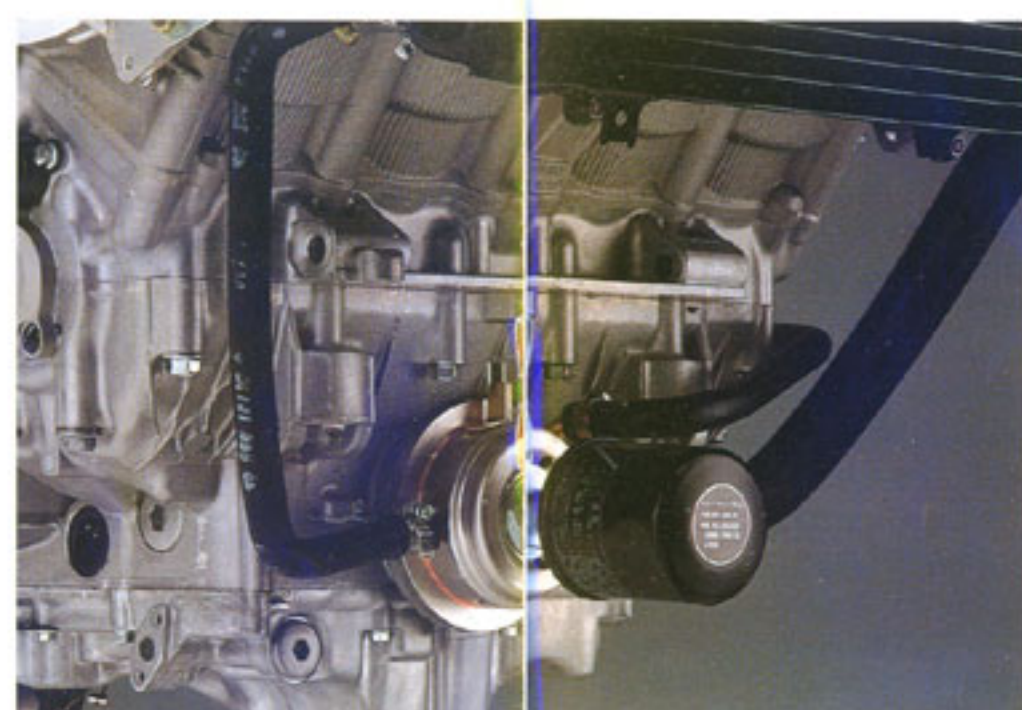
5-valve head

Developed exclusively by Yamaha, our unique 5-valve head leads the field in high performance, 4-stroke technology. With 3 inlet and 2 exhaust valves per cylinder, more fuel/air mix is forced into the combustion chambers for increased power.



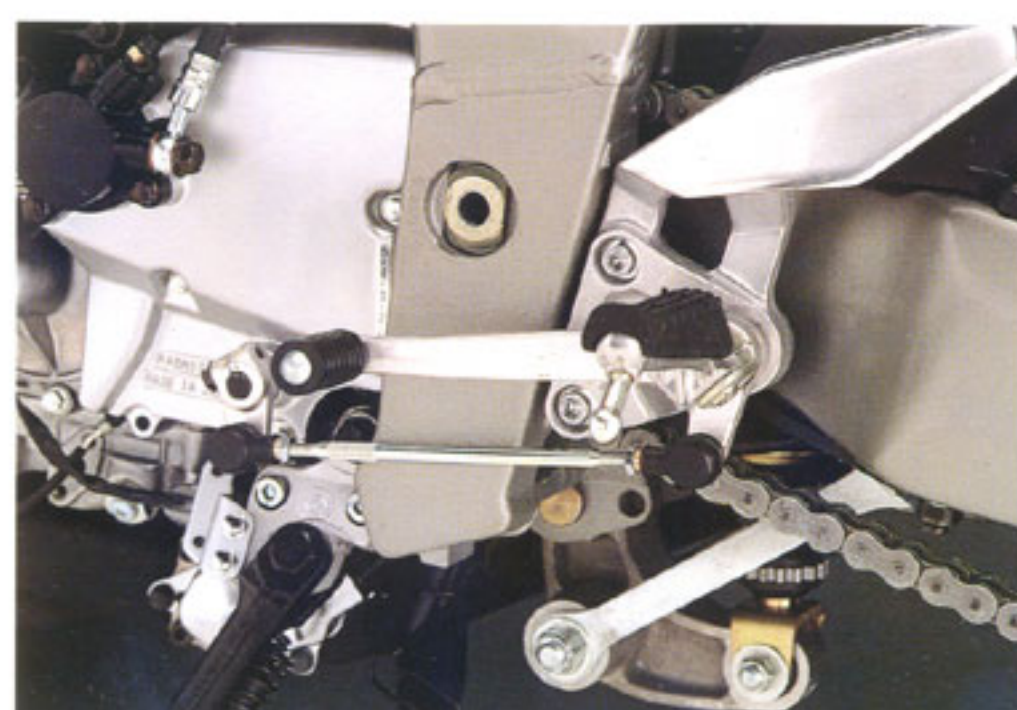
Exhaust system/EXUP

Revolutionary Exhaust Ultimate Power Valve (EXUP) constantly changes the internal aperture of the 4 into 1 system to suit engine speed for a variable exhaust that substantially increases low- to mid-range torque. Pulse-tuned 4 into 1 system now features a hard-wearing metallic silver/grey finish.



Liquid-cooled oil cooler/cartridge-type oil filter

To keep engine running temperatures constant we've fitted a new larger capacity liquid-cooled oil cooler that ensures consistent power and easy servicing the FZR now uses a cartridge oil filter.



Transmission/clutch

Feeding the machine's awesome horsepower through to the transmission is a low-maintenance, light-action hydraulic clutch. For smooth and positive shifting under hard use we've fitted counter-tapered dogs in the FZR's 5-speed gearbox.



Seat

Contoured seat permits maximum rider body movement for increased controllability. Its low 775mm height keeps weight near the ground for optimum centre of gravity and allows the rider to sit in the machine for less drag. Quickly-detachable cover reveals pillion seat for passenger transportation.



SW/R (Silky White/Red)



NBB (New Black Blue)



SW/B (Silky White/Blue)

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

FZR1000 TECHNICAL SPECIFICATIONS ENGINE

Type	4-stroke, liquid-cooled, DOHC 5-valve, parallel four cylinder
Displacement	1,003 cc
Bore & stroke	75.5 x 56.0 mm
Compression ratio	12.0 : 1
Max. power	
(DIN)	145 PS (107 kW) @ 10,000 rpm
(ISO)	137.7 PS (101.6 kW) @ 10,000 rpm
Max. torque	
(DIN)	10.9 kg-m (107 Nm) @ 8,500 rpm
(ISO)	10.4 kg-m (102 Nm) @ 8,500 rpm
Lubrication	Wet sump
Carburation	Mikuni BDST38 x 4
Ignition	Transistor controlled (digital)
Starter system	Electric
Fuel tank capacity	19.0 litres
Oil capacity	3.5 litres
Transmission	5-speed
Final transmission	Chain

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Overall length	2,200 mm
Overall width	730 mm
Overall height	1,160 mm
Seat height	765 mm
Wheelbase	1,460 mm
Min. ground clearance	135 mm
Dry weight	209 kg
Front suspension	Telescopic forks
Rear suspension	Swinging arm (Monocross)
Front brake	Dual 320 mm Ø discs
Rear brake	Single 267 mm Ø disc
Front tyre	130/60 VR17-V280
Rear tyre	170/60 VR17-V280