

**FZR600**

**YAMAHA**







## To carry the FZR badge, this machine had to be good. Very good.

For many riders it is the 600 class which offers the best of both worlds. The formula of low weight, high performance and precise roadholding make middleweights some of the most exhilarating motorcycles around today.

As the most recent addition to Yamaha's pure sports line-up, the FZR has been developed with the same unified 'Genesis concept' approach to engine and chassis design that has the larger FZR's undisputed class leaders.

Boasting a potent 16-valve liquid-cooled motor and low overall weight, our newest FZR is one of the most exciting machines in the category. Using the same Genesis technology as our award-winning FZR1000, this latest contender from Yamaha represents the ultimate combination of a responsive, lightweight and quick handling chassis with a free-revving high performance four cylinder powerplant!

With four 32 mm downdraught carburetors and a 4 into 1 pulse tuned exhaust system, the machine produces an incredible 90.9 PS at 10,500 rpm — equivalent to over 151 PS per litre!

And by sloping the engine, our designers have been able to keep the mass lower and further

forward than on a conventional powerplant.

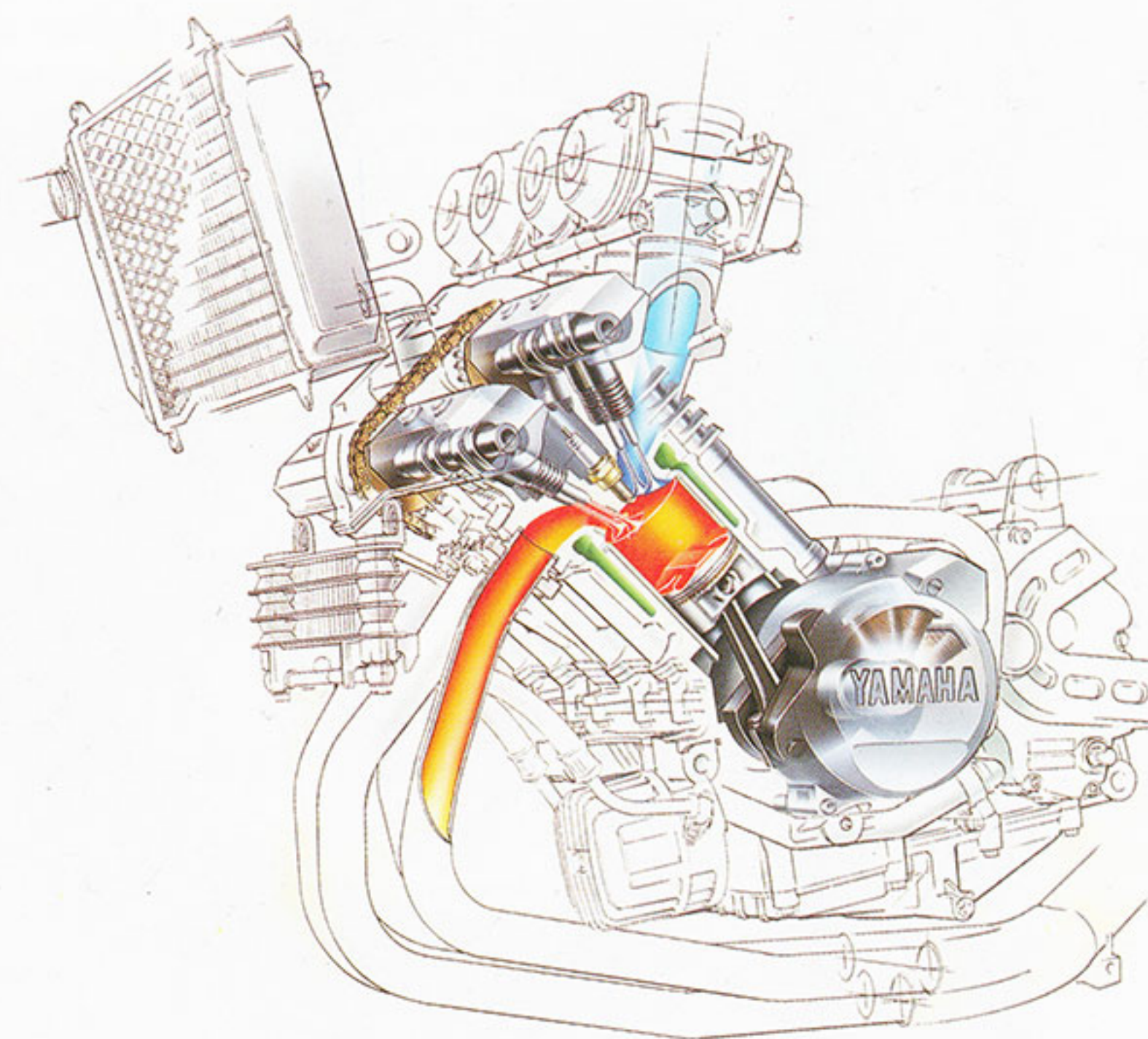
Not only does this allow the use of high performance downdraught carburetors with straight inlet tracts — it also gives the ideal front/rear weight distribution and lowers the centre of gravity! In effect, by adopting this layout, we achieved not one, but three major benefits.

That is how the Genesis concept of developing the engine and chassis in unison makes for better motorcycles, and that is why the FZR is so far ahead of the competition.

With such a powerful motor, our engineers needed to develop a chassis to match. Based closely on our Grand Prix-winning YZR frames, the FZR uses an incredibly rigid high-tensile steel Deltabox design.

In addition to superb handling qualities, the Deltabox frame gives easy access to the motor's top end — another Genesis concept benefit. Add to this the new four pot calipers on the twin front disc brakes, Monocross rear suspension and flex free 38 mm forks, and it's clear that this motorcycle means business!

After all, it has the FZR reputation to live up to.











#### Instrumentation

Redlined at 11,500 rpm, the electronic tachometer is centrally mounted for easy reference. Situated either side of the tacho, the speedometer and water temperature gauge provide instant information at a glance, keeping the rider informed at all times.



#### Fairing/FAI

Developed with the information gained from extensive wind tunnel testing, the FZR's full fairing offers excellent aerodynamic efficiency and high-speed stability. First used on our factory racing machinery, the nose-mounted FAI (Fresh Air Intake) system ducts cool, dense air straight into the airbox for optimum engine performance.



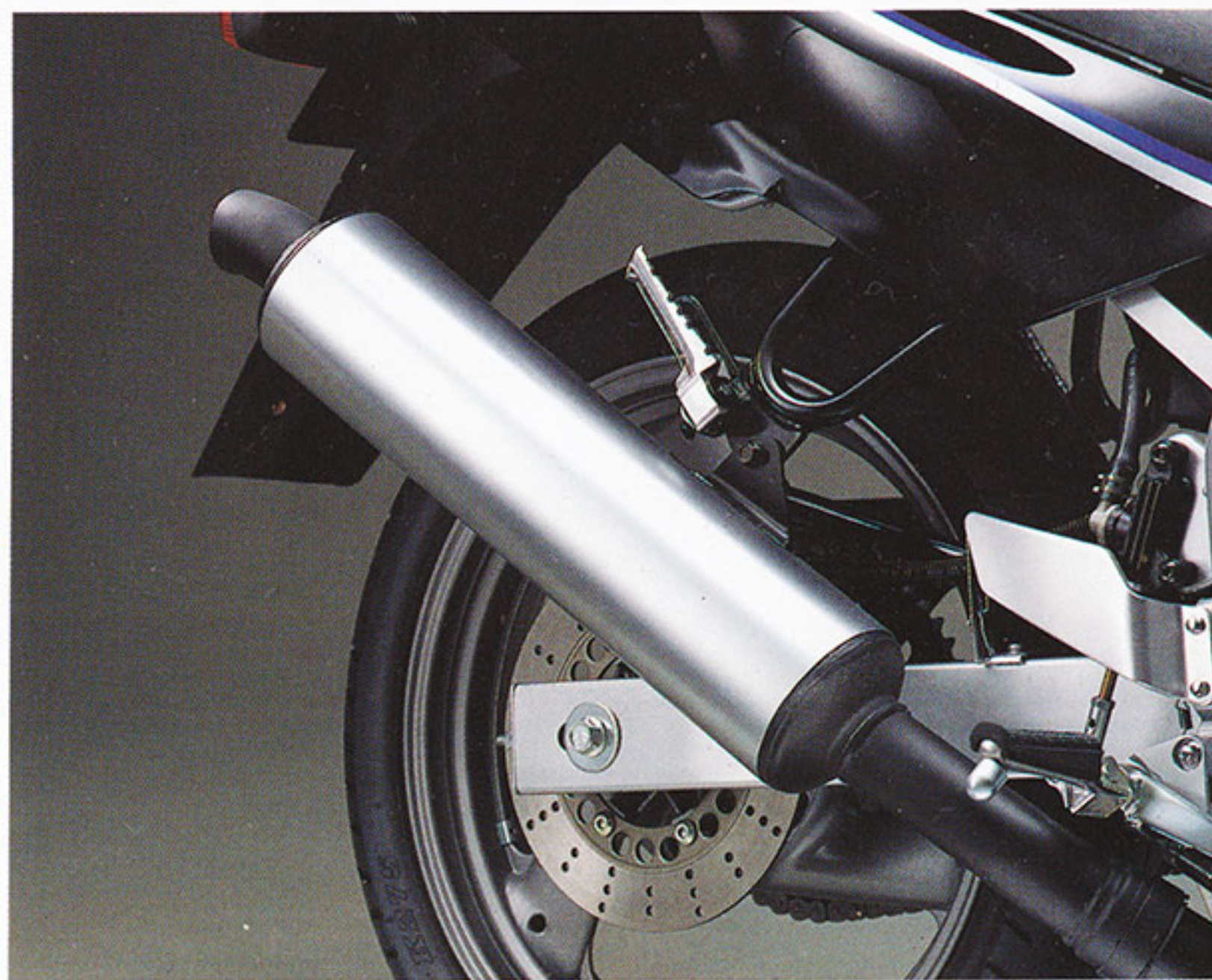
#### Brakes

Twin 298 mm floating front discs, drilled for lightness, now feature four pot calipers for even stronger braking power. Backed up by a single 245 mm disc at the rear, the FZR braking system is more than a match for the machine's outstanding performance.



#### Engine

A descendant of our larger FZR's the 599 cc four cylinder liquid-cooled motor produces 90.9 PS at 10,500 rpm. Fed by four 32 mm downdraught CV carburettors, the free revving engine features four-valve heads and a race developed 4 into 1 exhaust for maximum gas flow efficiency.



#### 4 into 1 exhaust

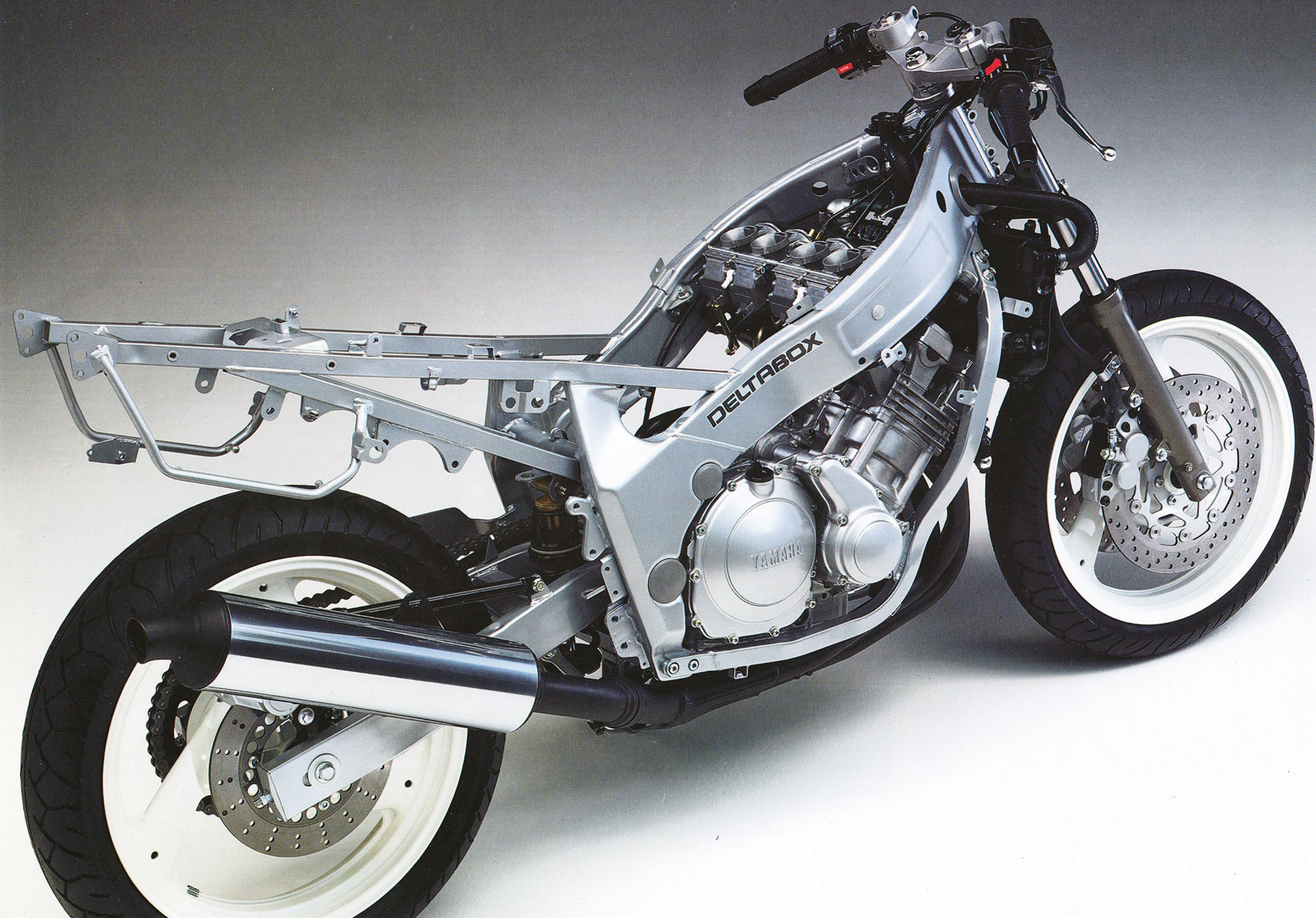
Pulse tuned for maximum power with minimum noise, the FZR's 4 into 1 exhaust is a direct spin-off from our 4-stroke road racing programme. Routed up on the machine's right-hand side for maximum cornering clearance, the silencer is satin coated for enhanced appearance.



#### Seat/Seat cowl

Contoured for maximum rider movement and comfort. The FZR features a seat cowl for additional rider support under acceleration. To convert for two-up use simply remove the cowl in minutes to reveal the passenger seat.









## FZR600 TECHNICAL SPECIFICATIONS

### ENGINE

Type ..... 4-stroke, liquid-cooled,  
DOHC 4-valve,  
parallel four cylinder

Displacement ..... 599 cc

Bore & stroke ..... 59.0 × 54.8 mm

Compression ratio ..... 12.0 : 1

Max. power (DIN) ..... 90.9 PS  
(66.8 kW) @ 10,500 rpm

Max. torque (DIN) ..... 6.7 kg-m  
(65.7 Nm) @ 8,500 rpm

Lubrication ..... Wet sump

Carburation ..... Mikuni BDST32 × 4

Ignition ..... Transistor controlled  
(digital)

Starter system ..... Electric

Fuel tank capacity ..... 18.0 l

Oil capacity ..... 3.1 l

Transmission ..... 6-speed

Final transmission ..... Chain

### CHASSIS

Overall length ..... 2,165 mm

Overall width ..... 700 mm

Overall height ..... 1,160 mm

Seat height ..... 785 mm

Wheelbase ..... 1,420 mm

Min. ground clearance ..... 135 mm

Dry weight ..... 179 kg

Front suspension .... Telescopic forks

Rear suspension ..... Swinging arm  
(Monocross)

Front brake ..... Dual 298 mmØ discs

Rear brake ..... Single 245 mmØ disc

Front tyre ..... 110/70V17-V240

Rear tyre ..... 130/70V18-V240

**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.**