

RD350LC



YAMAHA'S GRAND PRIX SEQUEL

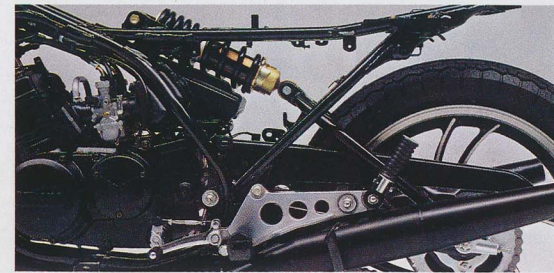
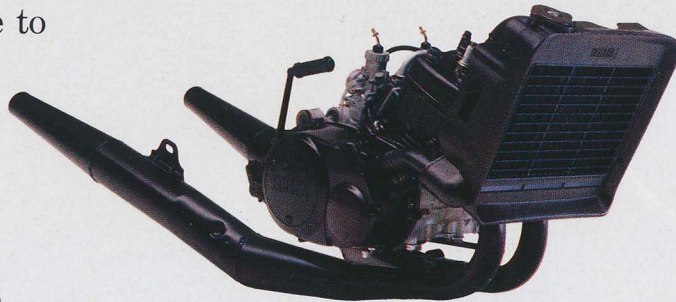
The stunning RD350LC is the perfect embodiment of Yamaha's racing philosophy. At Yamaha we believe that the only way to build truly outstanding sports motorcycles is to submit our machines to the supreme test of Grand Prix racing. On the world's race tracks we have learned how to breed reliability and stamina into highly tuned two-stroke engines, how to design and build motorcycles with impeccable handling and the vital importance of faultless braking systems. All of that knowledge and the experience of three consecutive 500cc World Championships is concentrated into the RD350LC.

Developed from the TZ250 racer, the engine has lightweight pistons and connecting rods with silver plated bearing retainers in the big end. The rigid crankshaft assembly is strengthened to cope reliably with the engine's amazing power output. Like its racing predecessors, the engine is liquid cooled. Liquid cooling allows the highly tuned engine to run at the optimum operating temperature without loss of reliability or the need for constant maintenance. A significant contribution to the engine's flexible power characteristics is the use of an advanced Capacitor Discharge

Ignition (CDI) system, which maintains a hot, fat spark throughout the rev-range, ensuring clean combustion. The CDI system incorporates an electronic advance mechanism which provides an effective boost to peak performance.

This powerful engine is housed in a chassis which boasts not only a racing heritage, computer technology too was used by Yamaha in their quest for the ultimate in sports bike handling. The result is a high tensile tubular steel full cradle frame which actually absorbs vibrations thanks to Yamaha's ingenious engine mounting system. As you would expect, the rear suspension is Yamaha's famous Monocross system, so adaptable to the individual rider.

Ride the RD350LC and you will discover why Yamaha put so much effort into building Grand Prix racers. There's no better way to build better bikes.



Good suspension is vital for a fast sports motorcycle, and that is why Yamaha use their race-proven Monocross suspension on the RD350LC. The De Carbon type suspension unit allows five settings, so the suspension can be set up to suit each individual rider and varying loads or road conditions.



All the information you need can be obtained at a glance from the centrally mounted instrument console. Alongside the easy to read rev-counter and speedometer are a full range of warning lights and engine temperature gauge. The speedometer incorporates a trip indicator.

Liquid cooling maintains effective operating temperature. The lightweight radiator helps...

Smooth and long-action forks are fitted with anti-stick teflon coated bushes...

Twin 180mm front disc brakes provide really effective stopping power...

Yamaha's stylish italic cast alloy wheels make a significant contribution towards the fine handling characteristics...

*the engine at the most
ature for high power output.
has an efficient aluminium core.*

*The big capacity fuel tank is designed to allow a
comfortable, sporty riding position. The fuel cap is
lockable.*

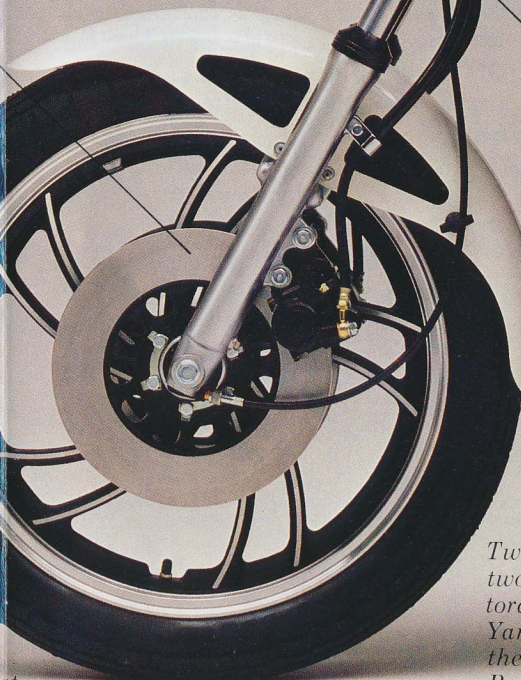
*Shape, position and deep padding of the dual seat all
contribute towards a riding position that is supremely
comfortable at all speeds.*

*The big 170mm quartz-halogen
headlight allows safe,
confident night-time riding.*

ishes.

*akes provide
ower.*

*The waterproof and dustproof rear drum
brake has an inspection window so that
the lining condition can be easily checked.*



*Lightweight cradle frame
is designed for crisp handling
and high ground clearance.*

*Twin cylinder two-stroke engine reflects Yamaha's leadership in
two-stroke technology. Reed valves help to maintain low speed
torque without sacrificing top end power.
Yamaha's famous Autolube oiling system provides exactly
the correct amount of lubricant in all driving conditions.
Race developed Torque Induction system helps to
give smooth power delivery throughout the rev-range.*

*Finished in stylish
matt-black, the tuned
exhaust system muffles
engine noise without
restricting power output.*

*st
ficant
achine's
ties.*

Gearbox action is slick and smooth. Six carefully chosen ratios help you get the most from the powerful engine.

*The RD350LC bristles with fine attention to detail, the cast
alloy pillion footrest mounting bracket has a lip which
prevents the passenger's foot touching the hot exhaust.*



RD350LC SPECIFICATIONS

ENGINE

Type 2-stroke Torque Induction
liquid-cooled, twin
Displacement 347cc
Bore and stroke 64.0 x 54.0 mm
Compression ratio 6.2 : 1
Max. power 47.0 PS (34.5 kW)
@8,500 rpm
Max. torque 4.1 kg-m (40.2 Nm)
@8,000 rpm

Lubrication Autolube
Carburetion VM26 (2)
Ignition CDI
Starter system Kick
Fuel tank capacity 16.5 l
Oil capacity 1.6 l
Transmission 6-speed
Final transmission Chain drive

CHASSIS

Overall length 2,080 mm
Overall width 750 mm
Overall height 1,090 mm
Seat height 785 mm
Wheelbase 1,365 mm
Ground clearance 165 mm
Dry weight 143 kg

Suspension

Front Telescopic forks
Rear Monocross suspension

Brakes

Front Hydraulic double disc
Rear Drum

Tyres

Front 3.00S-18-4PR
Rear 3.50S-18-4PR

Because of our ongoing efforts to make Yamaha motorcycles even better, specifications are subject to change without notice.



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