

MAINTENANCE OPERATIONS	1 st SERVICE 500 KMS.	2 nd SERVICE 2.500 KMS.	SER. EVERY 2.000 KMS.
Check the braking system	•	•	•
Check the transmission oil level	Change	•	Change
Check chain tension and wear	•	•	•
Check suspensions	•	•	•
Check, adjust and grease levers and cables	•	•	•
Check wheel centring and spoke tensions	•	•	•
Clean and grease the air filter	•	•	•
Check and adjust the carburettor	•	•	•
Check and adjust the spark plug or renew	•	•	•
Check the tightness of the nuts and bolts on the chassis and on plastic units	•	•	•
Check the electrical system	•	•	•
Check wear on piston rings	•	•	•
Check radiator coolant levels	•	•	•
Check the exhaust system	•	•	•
Check the functioning of the oil pump	•	•	•

TECHNICAL SPECIFICATIONS AND CHARACTERISTICS

Dimensions	MARATHON	MARATHON PRO
Total length	1165 mm.	1145 mm.
Total width	800 mm.	800 mm.
Total height	1165 mm.	1145 mm.
Seat height	890 mm.	870 mm.
Distance between wheel shafts	1405 mm.	1380 mm.
Minimum distance to the ground	310 mm.	288 mm.
Dry weight	115 kg.	
Engine		
Type	4 stroke	
Number of gears	6 gears	
Make	Yamaha	
Model	WR (EU 3) liquid cooled	
Cylinder and arrangement	1 forward-inclined	
Cylinder capacity	124.9 cc	
Diameter x stroke	52 x 58.6 mm	
Starting system	Using kick-start lever / electric start button	
Lubrication system	By pump	
Type of oil	4-stroke SAE 10 W-30 / SAE 20 W-50	



Transmission oil	
Type	SAE 10W 30 / SAE 20W-50
Quantity	1000 c.c.
Air filter	
	Wet-type foam rubber
Fuel	
Type	95 octane lead-free petrol
Fuel tank capacity	6,3 L.
Carburettor	
	KEIHIN 39s
Spark plug	
Type	NGK CR 8 E
Distance between electrodes	0,6 - 0,7 mm.
Clutch	
	Multi-disk in oil bath
Primary transmission	
Clutch crown wheel	Z = 71
Engagement gear	Z = 20
Transmission ratio	1: 3,55
Secondary transmission	
Engine output sprocket	Z = 14
Rear wheel sprocket	Z = 56
Transmission ratio	1: 4
Chain	428 x 136 links

GEAR CHANGE				
Speed	Primary shaft	Secondary shaft	Gear ratio	
1 ^a	Z = 12	Z = 34	1: 2,83	
2 ^a	Z = 16	Z = 30	1: 1,87	
3 ^a	Z = 22	Z = 30	1: 1,36	
4 ^a	Z = 21	Z = 24	1: 1,14	
5 ^a	Z = 23	Z = 22	1: 0,95	
6 ^a	Z = 25	Z = 21	1: 0,84	



Suspension	MARATHON	
Front	Front 37 mm Ø bars. CASTROL 10 W FORK OIL , 310 cc per bar.	
Rear	Hydraulic shock absorber.	
Suspensión:	MARATHON PRO	
Front	40 mm Ø inverted hydraulic forks. CASTROL 10 W FORK OIL , 325 cc per bar.	
Rear	Gas shock absorber with separate bottle and spring preload adjustment.	
Brake disks	MARATHON	
Front	260 mm Ø	
Rear	180 mm Ø	
Brake disks	MARATHON PRO	
Front	300 mm Ø Wave type	
Rear	200 mm Ø Wave type	
Tyres	MARATHON	
Front	80/90-21, with tube, 1.7 kg/cm ²	
Rear	110/80-18, with tube, 1.8 kg/cm ²	
Tyres	MARATHON PRO	
Front	100/80 – 17, with tube, 1.8 kg/cm ²	
Rear	130/70 – 17, with tube, 1.9 kg/cm ²	
Electrical equipment		
Ignition	Electronic 12V 120W	
Voltage and wattage of bulbs	MARATHON	MARATHON PRO
Headlight	12V 35/35W	12V 35/35W
Side light	12V 5W	12V 5W
Rear light	12V 21/5W	Leds
Instrument panel	12V 1,2W	12V 1,2W
Turn indicators	12V 10W	12V 10W
Odometer lighting	12V 1,2W	12V 1,2W