2003 YAMAHA WR450F

Maintenance schedule · tick each job as it's done

TIMELINE · HOURS ON THE METER

		DATE	HOURS
21 h	☐ Inspect and clean spark plug		
41 h	☐ Change engine oil ☐ Change oil filter & piston rings ☐ Inspect piston		
42 h	☐ Inspect and clean spark plug		
63 h	☐ Inspect and clean spark plug		
82 h	☐ Change engine oil ☐ Change oil filter & piston rings ☐ Inspect piston		
84 h	☐ Inspect and clean spark plug		
105 h	☐ Inspect and clean spark plug		
123 h	☐ Change engine oil ☐ Change oil filter & piston rings ☐ Inspect piston		
126 h	☐ Inspect and clean spark plug		

SCHEDULE

Inspect and clean spark plug
Every 21 hours or 500 km

Change engine oil
Every 41 hours or 1,000 km

Change oil filter & piston rings
Every 41 hours or 1,000 km

Inspect piston
Every 41 hours or 1,000 km

EVERY RIDE & BY THE CALENDAR

- ☐ **Change engine oil** · After break-in
- ☐ **Replace oil filter** · After break-in
- ☐ **Clean and oil air filter** · After break-in
- ☐ **Clean and oil air filter** · Every race
- ☐ **Inspect and clean spark plug** · After break-in

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Garage specs: fluids, plug, chain, tires and torques

FLUIDS

Oil type	20W-40 (40 °F and above); 10W-30 or 15W-50 (60 °F and below)
Engine oil	1.1 US qt (1.0 L)
Coolant	1.7 US qt (1.6 L)
Fuel capacity	2.64 gal

SPARK PLUG

Spark plug	NGK CR8E
Plug gap	0.028 – 0.031 in (0.7 – 0.8 mm)

CHAIN, SPROCKETS & TIRES

Chain size	520
Chain links	114
Front sprocket	14T
Rear sprocket	50T
Front tire	Dunlop D739 80/100-21 51M
Rear tire	Dunlop D739 110/100-18 64M

TORQUE SPECS

Oil drain bolt (crankcase rear)	15 ft-lb (20 N·m, 2.0 kgf·m)
Oil drain bolt (crankcase left)	7.4 ft-lb (10 N·m, 1.0 kgf·m)
Oil drain bolt (frame)	17 ft-lb (23 N·m, 2.3 kgf·m)
Oil filter cover bolts	7.4 ft-lb (10 N·m, 1.0 kgf·m)
Spark plug	9.6 ft-lb (13 N·m, 1.3 kgf·m)
Front axle nut	77 ft-lb (105 N·m, 10.5 kgf·m)
Front axle pinch bolts	17 ft-lb (23 N·m, 2.3 kgf·m)
Rear axle nut	92 ft-lb (125 N·m, 12.5 kgf·m)
Upper triple clamp bolts	17 ft-lb (23 N·m, 2.3 kgf·m)
Lower triple clamp bolts	15 ft-lb (20 N·m, 2.0 kgf·m)
Steering stem nut	107 ft-lb (145 N·m, 14.5 kgf·m)
Handlebar clamp bolts	21 ft-lb (28 N·m, 2.8 kgf·m)
Front brake caliper mounting bolts	17 ft-lb (23 N·m, 2.3 kgf·m)
Front brake disc bolts	8.9 ft-lb (12 N·m, 1.2 kgf·m)
Rear brake disc bolts	10 ft-lb (14 N·m, 1.4 kgf·m)
Rear sprocket nuts	37 ft-lb (50 N·m, 5.0 kgf·m)
Front sprocket nut	55 ft-lb (75 N·m, 7.5 kgf·m)
Chain adjuster locknut	12 ft-lb (16 N·m, 1.6 kgf·m)
Shock absorber top mount	41 ft-lb (56 N·m, 5.6 kgf·m)
Shock absorber bottom mount	39 ft-lb (53 N·m, 5.3 kgf·m)
Coolant drain bolt	7.4 ft-lb (10 N·m, 1.0 kgf·m)

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