2003 YAMAHA YZ450F

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 ☐ Clean oil filter ☐ 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 ☐ Clean oil filter ☐ 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 ☐ Clean oil filter ☐ 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

Clean oil filter
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
- ☐ **Clean oil filter** · 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, 10W-30 or 15W-50
Engine oil	1.1 US qt (1.0 L)
Coolant	1.3 US qt (1.2 L)
Fuel capacity	1.85 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	48T
Front tire	80/100-21 51M
Rear tire	110/90-19 62M

TORQUE SPECS

Oil filter drain bolt	7.4 ft-lb (10 N·m, 1.0 kgf·m)
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	31 ft-lb (42 N·m, 4.2 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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