2003 HONDA XR250R

Maintenance schedule · tick each job as it's done

TIMELINE · MILES ON THE METER

		DATE	MILES
100 mi	☐ Change engine oil *(first)* ☐ Change oil filter *(first)*		
600 mi	☐ Change engine oil ☐ Change oil filter ☐ Clean air filter ☐ Inspect spark plug		
1,200 mi	☐ Change engine oil ☐ Change oil filter ☐ Clean air filter ☐ Inspect spark plug		
1,800 mi	☐ Change engine oil ☐ Change oil filter ☐ Clean air filter ☐ Inspect spark plug		
2,400 mi	☐ Change engine oil ☐ Change oil filter ☐ Clean air filter ☐ Inspect spark plug		
3,000 mi	☐ Change engine oil ☐ Change oil filter ☐ Clean air filter ☐ Inspect spark plug		
3,600 mi	☐ Change engine oil ☐ Change oil filter ☐ Clean air filter ☐ Inspect spark plug		

SCHEDULE

Change engine oil
First at 100 mi or 1 month, then every 600 mi or 6 months

Change oil filter
First at 100 mi or 1 month, then every 600 mi or 6 months

Clean air filter
Every 600 mi or 6 months

Inspect spark plug
Every 600 mi or 6 months

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

FLUIDS

Oil type	10W-40 or 20W-50
Engine oil	1.4 US qt (1.3 L)
Fuel capacity	2.38 gal

SPARK PLUG

Spark plug	NGK CR9EH-9
Plug gap	0.031 - 0.035 in (0.8 - 0.9 mm)
Spark plug (alternative)	DENSO U27FER9
Spark plug (cold climate; below 5°C/41°F)	NGK CR8EH-9
Spark plug (cold climate; below 5°C/41°F, alternative)	DENSO U24FER9

CHAIN, SPROCKETS & TIRES

Chain size	520
Front sprocket	13T
Rear sprocket	48T
Front tire	80/100-21 51M
Rear tire	100/100-18 59M

TORQUE SPECS

Oil drain bolt (crankcase)	18 ft-lb (25 N·m, 2.5 kgf·m)
Oil drain bolt (frame)	29 ft-lb (39 N·m, 4.0 kgf·m)
Oil filter cover bolts	8.9 ft-lb (12 N·m, 1.2 kgf·m)
Spark plug	8.9 ft-lb (12 N·m, 1.2 kgf·m)
Front axle	55 ft-lb (74 N·m, 7.5 kgf·m)
Front axle pinch nuts	8.9 ft-lb (12 N·m, 1.2 kgf·m)
Rear axle nut	69 ft-lb (93 N·m, 9.5 kgf·m)
Upper triple clamp bolts	24 ft-lb (32 N·m, 3.3 kgf·m)
Lower triple clamp bolts	19 ft-lb (26 N·m, 2.7 kgf·m)
Steering stem nut	72 ft-lb (98 N·m, 10.0 kgf·m)
Handlebar clamp bolts	19 ft-lb (26 N·m, 2.7 kgf·m)
Front brake caliper bracket bolts	22 ft-lb (30 N·m, 3.1 kgf·m)
Front brake disc bolts	15 ft-lb (20 N·m, 2.0 kgf·m)
Rear brake disc bolts	31 ft-lb (42 N·m, 4.3 kgf·m)
Rear sprocket nuts	24 ft-lb (32 N·m, 3.3 kgf·m)
Front sprocket bolt	7.4 ft-lb (10 N·m, 1.0 kgf·m)
Shock absorber mounting bolts	32 ft-lb (44 N·m, 4.5 kgf·m)

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