2005 HONDA CRF250X

Maintenance schedule · regular off-road use (non-competition) · tick each job as it's done

TIMELINE · MILES ON THE METER

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

SCHEDULE

Change engine oil & gearbox 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

HARDER RIDING: SERVICE SOONER

Competition use · every 2.5 hours: inspect engine oil, inspect gearbox oil, clean air filter, inspect spark plug

Competition use · every 15 hours: change engine oil, replace oil filter, change gearbox oil, replace piston and rings

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

FLUIDS

Oil type	10W-40
Engine oil	0.70 US qt (0.66 L)
Gearbox oil type	10W-40
Gearbox oil	0.71 US qt (0.67 L)
Coolant	1.19 US qt (1.13 L)
Fuel capacity	2.19 gal

SPARK PLUG

Spark plug	NGK IMR8C-9H
Plug gap	0.031 - 0.035 in (0.8 - 0.9 mm)
Spark plug (alternative)	DENSO VUH24D
Spark plug (optional)	NGK IMR9C-9H
Spark plug (optional, alternative)	DENSO VUH27D

CHAIN, SPROCKETS & TIRES

Chain size	520
Chain links	114
Rear sprocket	53T
Front tire	80/100-21 51M
Rear tire	100/100-18 59M

TORQUE SPECS

Oil drain bolt	16 ft-lb (22 N·m, 2.2 kgf·m)
Oil filter cover bolts	8.9 ft-lb (12 N·m, 1.2 kgf·m)
Gearbox oil drain bolt	16 ft-lb (22 N·m, 2.2 kgf·m)
Front axle nut	65 ft-lb (88 N·m, 9.0 kgf·m)
Front axle pinch bolts	15 ft-lb (20 N·m, 2.0 kgf·m)
Rear axle nut	94 ft-lb (127 N·m, 13.0 kgf·m)
Upper triple clamp bolts	16 ft-lb (22 N·m, 2.2 kgf·m)
Lower triple clamp bolts	15 ft-lb (20 N·m, 2.0 kgf·m)
Steering stem nut	80 ft-lb (108 N·m, 11.0 kgf·m)
Handlebar clamp bolts	16 ft-lb (22 N·m, 2.2 kgf·m)
Front brake caliper mounting bolts	22 ft-lb (30 N·m, 3.1 kgf·m)
Front brake disc nuts	12 ft-lb (16 N·m, 1.6 kgf·m)
Rear brake disc nuts	12 ft-lb (16 N·m, 1.6 kgf·m)
Rear sprocket nuts	24 ft-lb (32 N·m, 3.3 kgf·m)
Front sprocket bolt	23 ft-lb (31 N·m, 3.2 kgf·m)
Chain adjuster locknut	20 ft-lb (27 N·m, 2.8 kgf·m)
Shock absorber mounting bolts	32 ft-lb (44 N·m, 4.5 kgf·m)

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