# 2012 HONDA CRF250X

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

## TIMELINE · MILES ON THE METER

**100 mi**
- ☐ Change engine oil & gearbox oil *(first)*
- ☐ Change oil filter *(first)*

DATE _____ MILES _____

**600 mi**
- ☐ Change engine oil & gearbox oil
- ☐ Change oil filter
- ☐ Clean air filter
- ☐ Inspect spark plug

DATE _____ MILES _____

**1,200 mi**
- ☐ Change engine oil & gearbox oil
- ☐ Change oil filter
- ☐ Clean air filter
- ☐ Inspect spark plug

DATE _____ MILES _____

**1,800 mi**
- ☐ Change engine oil & gearbox oil
- ☐ Change oil filter
- ☐ Clean air filter
- ☐ Inspect spark plug

DATE _____ MILES _____

**2,400 mi**
- ☐ Change engine oil & gearbox oil
- ☐ Change oil filter
- ☐ Clean air filter
- ☐ Inspect spark plug

DATE _____ MILES _____

**3,000 mi**
- ☐ Change engine oil & gearbox oil
- ☐ Change oil filter
- ☐ Clean air filter
- ☐ Inspect spark plug

DATE _____ MILES _____

**3,600 mi**
- ☐ Change engine oil & gearbox oil
- ☐ Change oil filter
- ☐ Clean air filter
- ☐ Inspect spark plug

DATE _____ MILES _____

## 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

**Competition use; dusty riding conditions · every moto:** clean air filter

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

## FLUIDS

| | |
|---|---|
| Oil type | 10W-30 |
| Engine oil | 0.70 US qt (0.66 L) |
| Gearbox oil type | SAE 10W-30, JASO T903 MA |
| Gearbox oil | 0.71 US qt (0.67 L) |
| Coolant | 1.19 US qt (1.13 L) |
| Fuel capacity | 1.93 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 | 116 |
| Rear sprocket | 53T |
| Front tire | Dunlop D742FA 80/100-21 51M |
| Rear tire | Dunlop D756 100/100-18 59M |

## TORQUE SPECS

| | |
|---|---|
| Oil drain bolt | 12 ft-lb (16 N·m, 1.6 kgf·m) |
| Oil filter cover bolts | 8.9 ft-lb (12 N·m, 1.2 kgf·m) |
| Gearbox oil drain bolt | 12 ft-lb (16 N·m, 1.6 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 nuts | 32 ft-lb (44 N·m, 4.5 kgf·m) |
| Coolant drain bolt | 7.4 ft-lb (10 N·m, 1.0 kgf·m) |

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