2012 KTM 450 SX-F

Maintenance schedule · tick each job as it's done

TIMELINE · HOURS ON THE METER

		DATE	HOURS
1 h	☐ Change engine oil & oil filter *(first)*		
10 h	☐ Change engine oil & oil filter ☐ Clean air filter		
20 h	☐ Change engine oil & oil filter ☐ Clean air filter		
30 h	☐ Change engine oil & oil filter ☐ Clean air filter		
40 h	☐ Change engine oil & oil filter ☐ Clean air filter ☐ Change spark plug & piston and rings		
50 h	☐ Change engine oil & oil filter ☐ Clean air filter		
60 h	☐ Change engine oil & oil filter ☐ Clean air filter		
70 h	☐ Change engine oil & oil filter ☐ Clean air filter		
80 h	☐ Change engine oil & oil filter ☐ Clean air filter ☐ Change spark plug & piston and rings		

SCHEDULE

Change engine oil & oil filter
`First at 1 h, then every 10 hours`

Clean air filter
`Every 10 hours`

Change spark plug & piston and rings
`Every 40 hours`

EVERY RIDE & BY THE CALENDAR

- ☐ **Change engine oil** · Every race
- ☐ **Change oil filter** · Every race
- ☐ **Clean air filter** · Every race

HARDER RIDING: SERVICE SOONER

In difficult operating conditions · every 20 hours: change piston and rings

Arduous riding conditions: check the air filter approx. every 30 minutes

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

FLUIDS

Oil type	10W/50
Engine oil	1.43 US qt (1.35 L)
Coolant	1.3 US qt (1.2 L)
Fuel capacity	1.98 gal

SPARK PLUG

Spark plug	NGK CR 9 EKB
Plug gap	0.028 in (0.7 mm)

CHAIN, SPROCKETS & TIRES

Chain size	520
Front sprocket	14T
Rear sprocket	52T
Front tire	Dunlop Geomax MX51F 80/100-21 51M TT
Rear tire	Dunlop Geomax MX51 110/90-19 62M TT

TORQUE SPECS

Oil drain bolt	15 ft-lb (20 N·m)
Oil filter cover bolts	4.4 ft-lb (6 N·m)
Spark plug	7.4–8.9 ft-lb (10–12 N·m)
Front axle	33 ft-lb (45 N·m)
Front axle pinch bolts	11 ft-lb (15 N·m)
Rear axle nut	59 ft-lb (80 N·m)
Upper triple clamp bolts	13 ft-lb (17 N·m)
Lower triple clamp bolts	8.9 ft-lb (12 N·m)
Steering stem bolt	8.9 ft-lb (12 N·m)
Handlebar clamp bolts	15 ft-lb (20 N·m)
Front brake caliper mounting bolts	18 ft-lb (25 N·m)
Front brake disc bolts	10 ft-lb (14 N·m)
Rear brake disc bolts	10 ft-lb (14 N·m)
Rear sprocket nuts	26 ft-lb (35 N·m)
Front sprocket bolt	44 ft-lb (60 N·m)
Shock absorber top mount	44 ft-lb (60 N·m)
Shock absorber bottom mount	44 ft-lb (60 N·m)
Coolant drain bolt	7.4 ft-lb (10 N·m)

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