2005 KTM 125 SX

Maintenance schedule · tick each job as it's done

TIMELINE · HOURS ON THE METER

		DATE	HOURS
10 h	☐ Change gearbox oil *(first)* ☐ Inspect spark plug *(first)*		
20 h	☐ Inspect spark plug & gearbox oil		
30 h	☐ Inspect piston and rings *(first)*		
40 h	☐ Change gearbox oil ☐ Clean air filter ☐ Inspect spark plug & gearbox oil ☐ Change spark plug		
60 h	☐ Inspect spark plug & gearbox oil		
80 h	☐ Change gearbox oil ☐ Clean air filter ☐ Inspect spark plug & gearbox oil ☐ Change spark plug		
100 h	☐ Inspect spark plug & gearbox oil		
120 h	☐ Change gearbox oil ☐ Clean air filter ☐ Inspect spark plug & gearbox oil ☐ Change spark plug		

SCHEDULE

Change gearbox oil
First at 10 h, then every 40 hours or 12 months

Inspect spark plug
First at 10 h

Inspect spark plug & gearbox oil
Every 20 hours

Inspect piston and rings
First at 30 h

Clean air filter
Every 40 hours or 12 months

Change spark plug
Every 40 hours or 12 months

EVERY RIDE & BY THE CALENDAR

☐ **Clean air filter** · Every race

HARDER RIDING: SERVICE SOONER

If motorcycle is used for competition · every race: change gearbox oil, replace spark plug

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

FLUIDS

Gearbox oil type	Motorex Top Speed 4T 15W50
Gearbox oil	0.74 US qt (0.7 L)
Engine lubrication	Premix (oil in the fuel)
Premix ratio	40:1-60:1 (fuel to oil)
2-stroke oil	High grade two-stroke oil (Motorex Cross Power 2T)
Coolant	1.3 US qt (1.2 L)
Fuel capacity	2 gal

SPARK PLUG

Spark plug	NGK BR9 EVX
Plug gap	0.024 in (0.60 mm)

CHAIN, SPROCKETS & TIRES

Chain size	520
Front sprocket	13T
Rear sprocket	50T
Front tire	Bridgestone M59 80/100-21 51M
Rear tire	Bridgestone M70 100/90-19 57M

TORQUE SPECS

Spark plug	18 ft-lb (25 N·m)
Front axle nut	30 ft-lb (40 N·m)
Front axle pinch bolts	7.4 ft-lb (10 N·m)
Rear axle nut	59 ft-lb (80 N·m)
Upper triple clamp bolts	11 ft-lb (15 N·m)
Lower triple clamp bolts	7.4 ft-lb (10 N·m)
Handlebar clamp bolts	15 ft-lb (20 N·m)
Front brake caliper mounting bolts	18 ft-lb (25 N·m)
Brake disc bolts	7.4 ft-lb (10 N·m)
Rear sprocket nuts	26 ft-lb (35 N·m)
Shock absorber top mount	59 ft-lb (80 N·m)
Shock absorber bottom mount	59 ft-lb (80 N·m)

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