# 2005 KTM 250 SX

Maintenance schedule · tick each job as it's done

## TIMELINE · HOURS ON THE METER

| | | DATE | HOURS |
|---|---|---|---|
| **10 h** | ☐ Change gearbox oil *(first)*<br>☐ Inspect spark plug *(first)* | | |
| **20 h** | ☐ Inspect spark plug | | |
| **40 h** | ☐ Change gearbox oil<br>☐ Clean air filter<br>☐ Inspect spark plug<br>☐ Change spark plug | | |
| **60 h** | ☐ Inspect spark plug | | |
| **80 h** | ☐ Change gearbox oil<br>☐ Clean air filter<br>☐ Inspect spark plug<br>☐ Change spark plug | | |
| **100 h** | ☐ Inspect spark plug | | |
| **120 h** | ☐ Change gearbox oil<br>☐ Clean air filter<br>☐ Inspect spark plug<br>☐ 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, then every 20 hours or 2,000 km

**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

For reference only. Compiled from the manufacturer's owner's manual; it may contain errors and is not a substitute for it. Always follow your own manual and a qualified mechanic. FindMyDirtBike is not affiliated with KTM and accepts no liability for use of this sheet (findmydirtbike.com/terms).

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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 BR8 ECM |
| Plug gap | 0.024 in (0.60 mm) |

## CHAIN, SPROCKETS & TIRES

| | |
|---|---|
| Chain size | 520 |
| Front sprocket | 13T |
| Rear sprocket | 48T |
| Front tire | Bridgestone M59 80/100-21 51M |
| Rear tire | Bridgestone M70 110/90-19 62M |

## 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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