# 2020 KTM 150 XC-W TPI

Maintenance schedule · regular use in sand · tick each job as it's done

## TIMELINE · HOURS ON THE METER

| | | DATE | HOURS |
|---|---|---|---|
| **5 h** | ☐ Change gearbox oil *(first)* | | |
| **10 h** | ☐ Change piston | | |
| **20 h** | ☐ Clean air filter<br>☐ Change piston | | |
| **30 h** | ☐ Change piston | | |
| **40 h** | ☐ Change gearbox oil, spark plug & piston<br>☐ Clean air filter<br>☐ Change piston | | |
| **50 h** | ☐ Change piston | | |
| **60 h** | ☐ Clean air filter<br>☐ Change piston | | |
| **70 h** | ☐ Change piston | | |
| **80 h** | ☐ Change gearbox oil, spark plug & piston<br>☐ Clean air filter<br>☐ Change piston | | |

## SCHEDULE

**Change gearbox oil**
`First at 5 h`

**Change piston**
`Every 10 hours`

**Clean air filter**
`Every 20 hours`

**Change gearbox oil, spark plug & piston**
`Every 40 hours`

## HARDER RIDING: SERVICE SOONER

**When used for motorsports · every 10 hours:** change gearbox oil, clean air filter, change spark plug, change piston

**Difficult operating conditions:** check the air filter approx. every 30 minutes

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

## FLUIDS

| | |
|---|---|
| Gearbox oil type | Engine oil (15W/50) |
| Gearbox oil | 0.85 US qt (0.8 L) |
| Engine lubrication | Oil injection |
| 2-stroke oil | 2-stroke engine oil, JASO FD |
| Coolant | 1.3 US qt (1.2 L) |
| Fuel capacity | 2.25 gal |

## SPARK PLUG

| | |
|---|---|
| Spark plug | NGK T40199D-G12 |
| Plug gap | 0.0472 in (1.20 mm) |

## CHAIN, SPROCKETS & TIRES

| | |
|---|---|
| Chain size | 520 |
| Front sprocket | 13T |
| Rear sprocket | 50T |
| Front tire | Dunlop Geomax AT81F 90/90-21 54M TT |
| Rear tire | Dunlop Geomax AT81 110/100-18 64M TT |

## TORQUE SPECS

| | |
|---|---|
| Gearbox oil drain plug | 15 ft-lb (20 N·m) |
| Spark plug | 18 ft-lb (25 N·m) |
| Front axle | 26 ft-lb (35 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 | 15 ft-lb (20 N·m) |
| Lower triple clamp bolts | 11 ft-lb (15 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) |
| Shock absorber mounting bolts | 59 ft-lb (80 N·m) |
| Coolant drain bolt | 7.4 ft-lb (10 N·m) |

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