# 2004 YAMAHA WR450F

Maintenance schedule · tick each job as it's done

## TIMELINE · HOURS ON THE METER

| | | DATE | HOURS |
|---|---|---|---|
| **21 h** | ☐ Inspect and clean spark plug | | |
| **41 h** | ☐ Change engine oil<br>☐ Change oil filter & piston rings<br>☐ Inspect piston | | |
| **42 h** | ☐ Inspect and clean spark plug | | |
| **63 h** | ☐ Inspect and clean spark plug | | |
| **82 h** | ☐ Change engine oil<br>☐ Change oil filter & piston rings<br>☐ Inspect piston | | |
| **84 h** | ☐ Inspect and clean spark plug | | |
| **105 h** | ☐ Inspect and clean spark plug | | |
| **123 h** | ☐ Change engine oil<br>☐ Change oil filter & piston rings<br>☐ Inspect piston | | |
| **126 h** | ☐ Inspect and clean spark plug | | |

## SCHEDULE

**Inspect and clean spark plug**
Every 21 hours or 500 km

**Change engine oil**
Every 41 hours or 1,000 km

**Change oil filter & piston rings**
Every 41 hours or 1,000 km

**Inspect piston**
Every 41 hours or 1,000 km

## EVERY RIDE & BY THE CALENDAR

- ☐ **Change engine oil** · After break-in
- ☐ **Replace oil filter** · After break-in
- ☐ **Clean and oil air filter** · After break-in
- ☐ **Clean and oil air filter** · Every race
- ☐ **Inspect and clean spark plug** · After break-in

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

## FLUIDS

| | |
|---|---|
| Oil type | 20W-40 (40 °F and above); 10W-30 or 15W-50 (60 °F and below) |
| Engine oil | 1.1 US qt (1.0 L) |
| Coolant | 1.7 US qt (1.6 L) |
| Fuel capacity | 2.64 gal |

## SPARK PLUG

| | |
|---|---|
| Spark plug | NGK CR8E |
| Plug gap | 0.028 – 0.031 in (0.7 – 0.8 mm) |

## CHAIN, SPROCKETS & TIRES

| | |
|---|---|
| Chain size | 520 |
| Chain links | 114 |
| Front sprocket | 14T |
| Rear sprocket | 50T |
| Front tire | 80/100-21 51M |
| Rear tire | 110/100-18 64M |

## TORQUE SPECS

| | |
|---|---|
| Oil drain bolt (crankcase rear) | 15 ft-lb (20 N·m, 2.0 kgf·m) |
| Oil drain bolt (crankcase left) | 7.4 ft-lb (10 N·m, 1.0 kgf·m) |
| Oil drain bolt (frame) | 17 ft-lb (23 N·m, 2.3 kgf·m) |
| Oil filter cover bolts | 7.4 ft-lb (10 N·m, 1.0 kgf·m) |
| Spark plug | 9.6 ft-lb (13 N·m, 1.3 kgf·m) |
| Front axle nut | 77 ft-lb (105 N·m, 10.5 kgf·m) |
| Front axle pinch bolts | 17 ft-lb (23 N·m, 2.3 kgf·m) |
| Rear axle nut | 92 ft-lb (125 N·m, 12.5 kgf·m) |
| Upper triple clamp bolts | 17 ft-lb (23 N·m, 2.3 kgf·m) |
| Lower triple clamp bolts | 15 ft-lb (20 N·m, 2.0 kgf·m) |
| Steering stem nut | 107 ft-lb (145 N·m, 14.5 kgf·m) |
| Handlebar clamp bolts | 21 ft-lb (28 N·m, 2.8 kgf·m) |
| Front brake caliper mounting bolts | 17 ft-lb (23 N·m, 2.3 kgf·m) |
| Front brake disc bolts | 8.9 ft-lb (12 N·m, 1.2 kgf·m) |
| Rear brake disc bolts | 10 ft-lb (14 N·m, 1.4 kgf·m) |
| Rear sprocket nuts | 37 ft-lb (50 N·m, 5.0 kgf·m) |
| Front sprocket nut | 55 ft-lb (75 N·m, 7.5 kgf·m) |
| Chain adjuster locknut | 12 ft-lb (16 N·m, 1.6 kgf·m) |
| Shock absorber top mount | 41 ft-lb (56 N·m, 5.6 kgf·m) |
| Shock absorber bottom mount | 39 ft-lb (53 N·m, 5.3 kgf·m) |
| Coolant drain bolt | 7.4 ft-lb (10 N·m, 1.0 kgf·m) |

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