



MINOR MAINTENANCE FOR 250/300 cc

The TM 250/300cc Bikes are classified in the following way, based upon their usage:

A= Moto Cross - Enduro

B= Supermotard for street use

C= Supermotard – Cross- Enduro for track use or racing

1) Clutch (all models)

If you have problems, such as the hydraulic pump leaking fluid, we recommend you change the O'Ring on the piston located in the engine, to increase the cylinder sealing

2) Fork (all models)

NOTE: Other than the 50 mm diameter close cartridge Marzocchi fork

When changing the oil, replace it with the original quantity:

- a. Diam 46 fork: 500 to 600 ml.
- b. Diam 48 fork: 500 to 650 ml.

A practical way of changing the oil without measuring the exact quantity is to open the fork, remove the spring, and then follow this procedure:

Push the fork to its fully compressed position and measure the distance from the top of the reservoir to the level of the oil.

The standard dimension is going to be 100-120 mm (about 4"- 4.75").

The type of oil chosen depends on its viscosity. You may use from the standard SAE5 up to SAE20 or 30. The denser the oil, the stiffer the fork damping

The fork oil has to be changed on a regular basis:

A= (Motocross – Enduro) Twice per year

B= (Supermotard for street use) Once every two-three years

C= (Supermotard – Cross- Enduro for track use or racing) Once or twice per year (Unless necessary)

3) Fuel Mixture (all models)

A-B-C = 3% or 3.5% Mixture (depending on the usage)

4) Spark Plugs (all models)

A-B-C = Change every 6 months (For two stroke 250/300 cc use Spark Plug Part # NGK BR8EG)

5) Piston

A-B= For street riding only, change it after 350/400 liters of fuel mixture (approx 90-105 gallons)

C= If you ride the bike on the track or race with it, you should change the piston after 120 liters of fuel mixture (approx 32 gallons)

6) Gearbox Oil (all models)

A-B-C:Change it twice per year (10-30W Gearbox Oil), 650/700 ml.

Recommended Oil: Bel Ray 85W-75W

7) Air Filter (All models)

A-B-C= Clean the filter often. Use the proper cleaner or Mineral Spirits then soap and water to remove the dirt, let it dry and then oil with air filter oil

8) Maintenance of Steering joint, suspensions, levers, wheel bearings:

C= If you run the bike on the track and race it, it's recommended that you grease the Steering joint, suspensions, levers, wheel bearings once per year or when necessary.

A-C= If you run the bike on the road only, it's recommended that you grease the Steering joint, suspensions, levers, wheel bearings every 2/3 years

Recommended grease: Z2 Multiuse Hydro repellent FIAT with Lithium containing Zinc Oxide, White colored NLGI2 or BG- SS2000 part # 6081 APPROVED Grease.