

New Zealand Secondary Schools.

Mini Moto GP.

Classification of standard bikes.

Aim: To encourage accurate construction and provide a predetermined overall standard so no competitor can obtain an unfair advantage.

Frames

All frames must be of mild steel construction.

Front Forks/Head stocks or Triple clamps.

Steel or alloy construction.

Engines.

- The standard A115 engine is the only acceptable engine in this class, in 47cc or 49cc form. The engine cannot be modified in any way.
- No alterations to the engine's transfer ports or adding of extra ports. This includes inlet and exhaust ports.
- No alterations to the combustion chamber.
- No alterations to the compression ratio.

- The replacement of the standard steel reed valve with a carbon fibre or glass fibre replacement is not acceptable.
- Alteration of the ignition timing by the use of timing keys is not allowed.
- Lightening of the flywheel is not allowed.
- Race ignition coils are not acceptable.

Carburettor/Air filter.

- The standard carburettor of the round piston type is the only acceptable type. No flat slide carbs.
- No alteration to the carb jets.
- No adjustable carb needle jets.
- The standard “Black” air filter/ pickup is the only acceptable filter.
- No pod filters.

Gearing and Clutches.

- Acceptable gear ratios are.
- 6 x 68
- 7 x 68
- 8 x 68
- Clutches should be of the standard type.
- Adjustable race style will not be allowed.

Exhausts.

- The only acceptable system will be the small black system as supplied in the Newmanz kits – unmodified.
- No after market exhausts.
- No “S” shaped expansion chambers.

It is not our intention to stop the pupils from innovating nor to dampen their enthusiasm. Far from it we will actively encourage that sort of approach.

We wish that pupils who spend money and modify their machines do so in a spirit of honesty and fair play. To this end they should enter the modified air cooled class.

The organising committee will reserve the right to request that the first 3 placed bikes in a class be dismantled and inspected if any suspicions of modifications occur.

Leading Dimensions.

- Maximum wheel base 850 mm. Measured from the centre of the front axle to the centre of the rear axle.
- Maximum seat height 500 mm measured from a point immediately to the rear of the fuel tank, on top of the seat.

Brakes.

- Standard brake callipers, one only fitted to the front and rear wheels. Front/rear wheels must be braked.