



# Cool FAB Racing



## 2020 MK-GP50 & MK-GP70 BRITISH CHAMPIONSHIPS

### CLASSES - RIDER & MACHINE ELIGIBILITY - REGULATIONS

#### Cool FAB Racing MK-GP50 British Championship: (9 to 15 years - Also see below)

8 year old riders may apply to race in this class if they have completed a minimum of 5 rounds of Minimoto races in the **PRO or Elite class** with FAB-Racing **and shown good ability**. FAB-Racing will make the final decision. 9 year old riders that have not previously raced with FAB-Racing will be assessed on a practice day before being allowed to compete in a races.

#### **Eligible Machines:**

"As supplied" MK-GP50 motorcycles fitted with the following motors: Minarelli AM-6, Derbi Senda / GPR, or the Metrakit 50cc O.E motor. Motors must remain un-modified from manufacturers original supply specification except for any essential and permitted changes as listed below.

#### **Obligatory changes:**

- 1) The gearbox oil drain and filler plugs **MUST** be drilled and wire locked.
- 2) Catch bottles on gearbox breather pipe, fuel tank breather pipe and radiator overflow pipe.
- 4) **Clearly visible race numbers applied to a contrasting background** on the front of fairing and either side of the fairing or seat tail. Minimum height **130mm** Front & **100mm** Side. We suggest Yellow background & Black numbers for 70s and Red background & White numbers for 50s.
- 5) **Tyre type restricted to 12" MITAS RACE Tyres - Supplied via FAB-Racing. Medium, Soft, Super Soft and Wet compounds available.**
- 6) Footrests must be changed to nylon material and any other parts of the machine that could damage the race track surface in the event of a fall must have effective "soft" protection added.

#### **Permitted changes:**

1. Machines with the **AM-6 or Derbi motors** can change the cylinder and exhaust to parts **approved and purchased from FAB-Racing or BEK Wholesale**. Ignition can be changed to PVL or the new FAB-Racing ignition.
2. Handlebars may be changed. Clip-on style only. Must not reduce steering lock.
3. Footrest hangers may be replaced with adjustable version **as supplied and approved by FAB-Racing**.
4. A steering damper may be fitted.
4. Front and rear suspension springs - SAE of damping oil - pre-load adjusters. The standard rear shock may be changed to the multi adjustable Bitubo or YSS Monoshock **as approved & supplied by FAB-Racing**.
6. Front and rear disc pads - make and / or compound.
7. Front disc may be changed to the Galfer floating disc **as approved & supplied by FAB-Racing**.
8. Make of chain (but must remain as 420, 420H or 420HR).
9. Front and rear sprockets sizes within the range listed by Metrakit.
10. The plug will be restricted to NGK **resistor** types BR8 / 9 / 10 with any suffix and the cap to OE or NGK LB05EMH.
11. Reed valve petals, but not the reed block. Note the reed block must not be machined or profiled in any way.
12. Up-rated clutch kit and / or springs. **Standard or uprated clutch kits must be as supplied by FAB-Racing**.
13. The F/B master cylinder may be changed to any commercially and generally available. No changes to caliper permitted.
14. Changes to carb. restricted to: main jet, main nozzle, pilot jet, slide needles, slide (#30 or #40 only). No other changes or modification allowed. Carburettor may be run with or without an air filter.

**Continued:**

## Special Notes:

- 1) Pattern fairings & other fibreglass bodywork may be used as long as these are copies of MK-GP50 / 70 originals. Carbon Fibre NOT Permitted. Machines may not be run without the full fairing fitted.
- 2) Engine coolant must be distilled, de-ionised, or tap water with no additives.
- 3) Machines may be monitored for expected power output on a dynamometer.
- 4) Exhaust noise level must not exceed 98db measured as per MSA regulations applicable at each circuit.
- 5) Fuel used must be pump fuel readily and easily available to the public with no additives other than pre-mix lubricant.
- 6) Any machine thought to running outside of the regulations, either motor or chassis, must immediately be presented when requested by the organisers for examination, including the stripping the motor or any other part or parts.
- 7) Generators must not be taken into the holding area.
- 8) We will be using a probe camera to make quick checks for internal modifications. and that may lead to a request for the motor to be stripped for physical examination or measurement. Infringement of any regulation will lead to loss of points from that meeting and any second infringement to the loss of ALL points to that time.
- 9) **These regulations may be superseded or updated at any time.**

**UNLESS IT SAYS YOU CAN DO IT ----- YOU CAN'T DO IT — If you are not sure ask!!**



## Cool FAB Racing MK-GP70 British Championship: (10 yrs 6 months to 15 years - Also as below)

Riders **9 years and 6 months of age** may apply to race in MK-GP70 if they have **successfully raced 6 rounds** in the MK-GP50 class. FAB-Racing will make the final decision.

### Eligible Machines:

“As supplied” MK-GP70 Motorcycles fitted with Minarelli AM-6, Derbi Senda / GPR, or the Metrakit 2009 O.E 70cc motor and un-modified from manufacturers supply specification except for the essential and permitted changes which will be **as per the MK-GP50 permitted changes other than the following:**

1. Carburettors must be 28mm MRD1, MRD2, or BRK **as supplied by FAB-Racing or BEK Wholesale**. Main jet, pilot jet, and slide needle, may be changed. **No modifications to be made to the carburettor.**
2. Cylinders must not be increased from original bore size.
3. Alternative cylinder kits **approved and supplied by FAB-Racing** are permitted for AM-6 or Derbi motors.
4. PVL or the FAB-Racing Ignition kits permitted on Derbi & AM-6 Motors.

**Special note:** If FAB-Racing consider that a rider's weight could cause rear suspension problems and consequent dangerous handling characteristics an alteration to the rear shock, other than that listed (see MK-GP50 regs) will be allowed. Make and type will be decided by FAB-Racing who will sell the shock to the rider.

**Riders in the MK-GP70 class are not permitted to enter the Minimoto Jnr.AC40 PRO class**

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**IT IS VERY IMPORTANT THAT YOU ALSO READ AND TAKE NOTE OF THE GENERAL RULES AND REGULATIONS THAT OPERATE IN CONJUNCTION WITH THESE CLASS REGULATIONS**