Flash Harry's Sinnathamby Race (Junior and Senior)
Billy Cart Construction Requirements

Race Length: 200+ meters for Senior and 150 metres for Junior

Basics
Billy Carts are to be:

- constructed of either wood, steel or composite materials
- of sound construction with two wheels at the front & two wheels at the rear with no sharp edges.
- Max. 1 driver & no passengers

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Brakes
Each cart shall have a braking system fitted to it & to be in operational order.

- The braking system is to be operated by foot.
- The brake pedal must have a large pedal surface (similar in size to a car brake pedal).
- The brakes must be able to lock up all rear wheels when applied on bitumen.

Steering
A steering mechanism is to be installed.

- No rope steering permitted.
- Steering wheels must not have sharp protrusions & are not to be made of wood.

Wheels

- The wheel size to be no greater in diameter than 400mm , including tyre (max. 16" wheels).
- Pneumatic tyres permitted.
- Ball raced wheels also permitted.
- Wheels are not to have any sharp protrusions.
- If wheels are spoked, spokes must be covered.

Body

- Windscreens will be permitted.
- Bodywork must not contain glass

Axle

- Front & rear axles to be of steel construction & wheels must be retained on axle by either a washer & splint pin system or lock nut device.
- No nails are permitted.
- Wheel track (ie length of axle) will be a minimum of 700mm

Size

- Wheel base (i.e. measure from front wheel centre to rear wheel centre) is to be no less than 900mm or no greater than 1500mm, with maximum overall length not to exceed 2000mm.

Seating

- The seating position is to be in upright position facing forward & feet first.
- In the case of open construction Billy Carts, the foot rest must be separate and in addition to the front axle.

Attachments

- No attachments or devices which aid propulsion or starting will be permitted.

Weight

The weight of a billy cart will not exceed the following:

- 10 to 16 years: 100kg including driver
- 17 years & over: 150kg including driver

The back wheels on this billy cart are too big.