## 2018 Billy Cart Specifications

### Basics
- Billy Carts to be homemade & constructed of either wood or steel & to be of sound construction with two wheels at the front & two wheels at the rear.
- Non-motorised.

### 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 or bicycle style hand brake attached to steering wheel. 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
- Steering mechanism to be installed (this can be rope or steering wheel). Steering wheels must not have sharp protrusions & are not to be made of wood construction. When a basic pivoting front axle with rope steering is used, the axle swing movement is to be restricted to 100mm “lock to lock” to reduce unintentional major change of direction. Tiller steering not permitted.

### Wheels
- Must have minimum of 4 wheels. Wheel size to be no greater in diameter than 400mm including tyre +/- 5% tolerance. 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, enclosed bodywork etc will be permitted but must not contain glass.
- The cart must have a tow point front and back and strong enough to tow 6 carts.

### Axle
- Front & rear axles to be of steel construction & wheels must be fastened securely to the axel by any method other than a nail or wire. Wheel track (ie length of axle) will be a minimum of 700mm. Stub axles are not permitted unless welded to the frame or is a component of the steering system. All axles must a solid bar running the width of the cart.

### Size
- Wheel base (ie measure from front wheel centre to rear wheel centre) to be no less than 900mm. Maximum overall length of entire cart not to exceed 2000mm.

### Seating
- Seating position to be upright position facing forward & feet first and no greater than 45° leaning back. Foot rest to be separate in addition to front axle in the case of open construction Billy Carts.

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

### Weight
- Weight of Billy Cart will not exceed 60kg.

### Disqualifications
- Officials will disqualify any Billy Cart or driver which in their opinion:
  a. Does not comply with the above requirements
  b. May endanger the driver, other drivers or spectators on the day
  c. Shows poor sportsmanship or whose driving interferes with another driver
  d. Does not stay in their lane for the duration of the race.