

PRO LEVEL Vehicle Guidelines 2018

NOTE: This is for PRO LEVEL only (top of Mostyn St)

It is STEEP and FAST. Speeds approach 60km/h
Follow the guidelines below and you will pass scrutineering.

GENERAL SAFETY

- All drivers must wear motorbike helmets (full-face preferable)
- Protective clothing - padded motorcycle jackets/body armour, heavy overalls, jeans etc, gloves and boots. **These must be presented with vehicle at scrutineering the day before.**
- Minimum age of driver is 16.
- One person per vehicle. Driver must be facing feet first.
- The total weight of the vehicle **must not exceed 80kg.**
(Driver not included)
Adding ballast after inspection will lead to disqualification.
- No Ride-On mowers

WHEELS

- Minimum rim diameter 8 inch (200mm)
- The vehicle must have wheels that are designed to go at speed ie: bike tyres.
- Castors, trolley wheels, wheelbarrow wheels, pram etc will NOT be accepted.
- Skateboard wheels not accepted. Sorry bro/sis.
- Three wheeled vehicles **WILL** be accepted.

WHEEL ATTACHMENT

- Wheel needs to be supported as it was originally engineered. Eg: A bike wheel needs to have axle supported both sides ie: like a bike fork
- Split pins/washer setups are NOT acceptable
- Must have a locking nut/spring washers/Nylock

BRAKES

There will be a brake test. Brakes must hold vehicle under load ie: being pushed from rear by scrutineer.

- No cable brakes on front wheels. (These brakes can favour one side under load and make vehicle pull to one side).
- Rear cable brakes ok
- Front hydraulic brakes on a linked system accepted.
- Drag/plunge brakes are not allowed.

VEHICLE DIMENSION

Track width (distance between wheels on same axle) must be no less than 750mm. The minimum wheelbase (distance between front and rear axle) must be no less than 1200mm.

STEERING

- Definitely NO rope steering and no steering with feet or other hairbrained approaches.
- Must have mechanical steering that allows full control at all times. ie: rack and pinion, bell crank or pushbike type set-up (for 3 wheelers)

TOWING EYE

- All vehicles must have a 30mm (minimum) diameter ring attached to the front AND rear for towing back up the hill.

PLEASE NOTE:

The head scrutineer has **FINAL** call over all decisions made. Please be accepting of this as SAFETY and INTEGRITY of the event is our priority. Please work with us to maintain the positive spirit of the Castlemaine Billy Cart Challenge.