

Castlemaine Billy Cart Challenge

VEHICLE GUIDELINES 2021

Entries close October 1st

For **PRO LEVEL** scrutineering will be held the **WEEK BEFORE**

For other categories, billy carts will be checked on the day.

There are two course lengths; Rookie and Pro.

1. **Rookie Course** (suitable for children, rookies, nervous adults and billy carts that aren't suitable for the Pro course)
2. **Pro Course**

There are four extra award categories:

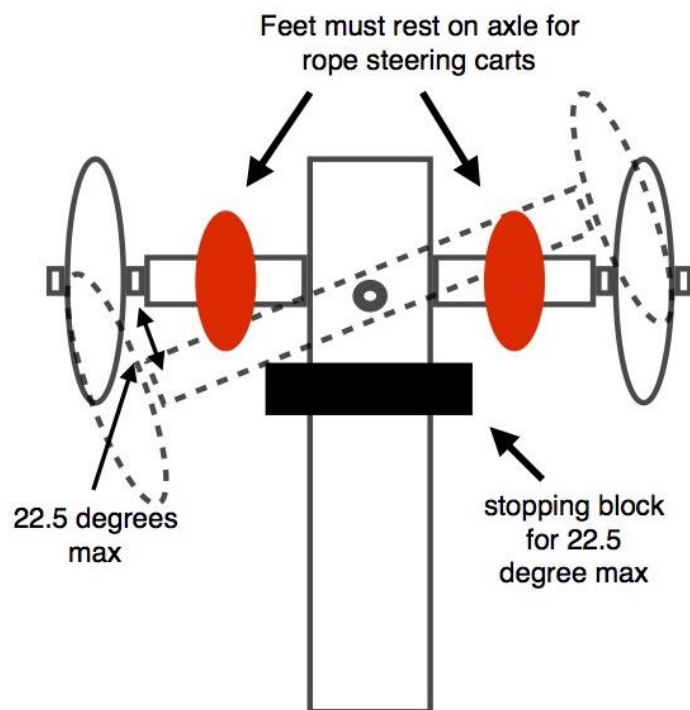
- **Norma Gray Community Spirit Award**
- **Bert Ireland Engineering Award** Judged by the scrutineers
- **Most Salvaged Cart Award** Best use of recycled materials)
- **Most Creative Cart Award** Trishy Hay Memorial Trophy

EVERYONE READ BELOW

- Each participant needs to register online: www.castlemainebillycart.com.au/entries/
- All carts must pass scrutineering for their category as outlined below
- To be eligible to race the Pro Course, carts must be scrutineered the week prior
- A fee of \$5 per child and \$20 per adult (not per cart) is applicable.
- Businesses are welcome and encouraged to enter their billy carts. A billy cart with business branding will be charged \$50 for the business entry fee
- One person per billy cart - no tandems
- All safety gear (as below) must be worn
- The same billy cart can be used by up to three drivers, however each driver *must* complete a separate online entry
- Carts will be timed electronically. Fastest time wins
- Any vehicles damaged during racing will need to be re-checked by the scrutineers

ROOKIE COURSE VEHICLE GUIDELINES

- Rope steering accepted (maximum pivot 22.5 degrees, refer to diagram)
- Must have brakes
- Maximum weight 50kg (without driver)
- Approved helmet. Helmets are to be of Australian Standard and can be an approved bicycle or motor bike helmet
- Long sleeves/pants, gloves, closed shoes must be worn
- Knee and elbow pads recommended
- No sharp exposed edges
- No unsecured or loose items allowed in the billy cart
- Must be a foot first driving position- No 'Superman' or 'Superwoman'



The above stopping block MUST be in place.
Any entries that fail this check will be deemed unsuitable for use.

PRO LEVEL VEHICLE GUIDELINES

PRO LEVEL scrutineering will be held the **WEEK BEFORE**,
Sunday October 3rd.

**WARNING: Race day should not be your test run.
Ensure you have driven and road tested your cart
on a significant hill prior to the day.**

GENERAL SAFETY (Pro Level only)

- All drivers must wear a helmet
- Clothing – Protective clothing must be worn. E.g. 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 12 years
- One person per vehicle
- Driver must be facing feet first
- Adding ballast after inspection will lead to disqualification
- The total weight of the vehicle **must not exceed 100kg**
(Driver not included)
- No ride-on mowers

WHEELS (Pro Level only)

- 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 are accepted

BRAKES Pro Level only)

There will be a brake test.

- Drag/plunge brakes are not allowed
- Brakes must hold vehicle under load ie: being pushed from rear by scrutineer.

STEERING (Pro Level only)

- 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 (Pro Level only)

- Vehicles preferably will have a 30mm (minimum) diameter steel ring or D-shackle attached to the front AND rear for towing back up the hill
- In the absence of a towing eye, assistance to the top of the hill may not be available

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.

Dr. Norma Gray Community Spirit Trophy

The Castlemaine Billy Cart Challenge was founded with the intention of bringing people together through fostering community partnerships. We encourage families, community groups, schools, service groups and other community organisations to work together on joint projects. Dr, Norma Gray was one of the early pioneers of Soap Box Derbies and Billy Cart racing in Australia. Norma is a long time Castlemaine resident, has a long time family connection with the race and is a strong supporter of the values and goals of the Castlemaine Billy Cart Challenge.

Bert Ireland Engineering Trophy

This category honours the work of Bert Ireland, engineer of the 'Shooting Star' winner of the 1949 Apex Soap Box Derby. It is judged by our team of scrutineers.

Most Creative Cart- Trishy Hay Memorial Guidelines

This category is in memory of Patricia Hay. No one loved a kooky community event more than Trish. She was also incredibly creative. Hence, we encourage people to get as creative as possible. This category is completely open to interpretation and is open to all billy carts- whether they race or not. Anything goes!

Additionally, carts deemed unsuitable/too dangerous for racing can be entered into this category and still go home with a prize.

The Most Recycled Cart Guidelines

This category is sponsored by The Salvage Yard and will be judged on the best use of recycled/second hand materials. This is in the tradition of billy carts- making something out of nothing.