



# Rules and Regulations

## Categories

The Beachlands Trolley Derby is open to EVERYONE who has read and understood these rules.

Trolleys can be entered in anyone of the following four categories:

- **COASTERS:** The trolley driver is between the ages of 8 and 10 years of age on race day.
- **11 to 14:** The trolley driver is between the ages of 11 and 14 years of age on race day.
- **15 to 18:** The trolley driver is between the ages of 15 and 18 on race day.
- **MANIACS:** Adults over the age of 18 that love a challenge and are happy to embarrass themselves

Corporate teams are also encouraged to enter in the Maniacs category, so if you think you've got what it takes get building now.

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## Safety Statement

Driver and public safety is our greatest priority. We provide a risk associated sporting event yet work very hard to reduce the likelihood of anyone getting hurt. The following rules continually improve each year. We are now approaching our fifth running of this event. These are tried and tested and ensure enjoyment and safety for drivers and spectators. Please note that there is a waiver to sign for every entry.

## Health

If you have heart, back, epilepsy or some other health related issue that may affect your participation in the event we recommend you do not take part.

## Covid19

Following Ministry of Health guidelines if you have a new or worsening cough, fever (at least 38°C) shortness of breath, a sore throat sneezing and runny nose temporary loss of smell. Do not attend (including any close contacts) and get yourself tested

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## Trolley Design Absolute Minimum Requirements

### Size

Width: No more than 1.2m. (to fit on the start ramp)

Length: No more than 2.4m maximum. (to fit on the start ramp)

### Body

Must be able to roll on and off a 20-degree slope. Must have an A5 blank space on the back for race number, Drivers name etc. NO EXCEPTIONS.

### Weight

If two average adults cannot lift it onto the trailers to take it to the top, it's not racing. Sorry, heavy carts become unstoppable missiles.



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## Wheels

Each trolley must have a minimum of three wheels.

## Brakes: (the important bit)

Each trolley must have a braking system that:-

- Acts on at least two wheels and capable of holding the trolley on our starting ramp which is a 20 degree slope.
- Can be applied in a controlled and progressive manner.
- Provide stable and efficient braking without adverse effect on the directional control of the trolley.
- Braking must be able to be operated whilst maintain control of the vehicle.
- No ground anchors.

## Steering: (nearly as important as brakes)

- All trolleys are required to have a steering system capable of manoeuvring at speed. You should be able to avoid a trolley in front of you if it crashes.
- Because trolleys with old-fashioned rope steering have proven to be dangerous, no rope steering is allowed. An old lawnmower handle is a useful alternative
- Your feet should not be anywhere near the steering system.

## Other

- Seats must be solidly fixed to the chassis.
- Flare, flamboyance, decoration is encouraged.
- Please no devices that can cause sparks, i.e. fireworks
- No form of power other than gravity.

## Roll bars

There was discussion after the 2015 and 2016 events about the need for roll bars. We have discussed this with Manukau Police. Whilst a roll bar is a "nice to have", the extra effort / tools / degree of building competency etc required to make an appropriately impact proof bar is acknowledged and would preclude some builders from entering. Manukau Police advise us that it is great to see the competitors having fun with managed risk. The decision is yours.

## Coasters category additional rules

There are hardly any rules for these youngsters as we just want them to have fun and get the racing bug. After all, these are the trolley enthusiasts of the future. In the spirit of the event, it is the parents/guardians of Coasters entries decision whether they want their little ones hurtling down a grassy hill. Usually it's the parents who want to stop before the kids. Bring along your drivers and trolleys ready to start the racing. To operate the brakes you can run behind the trolley holding onto a rope and/or bungee to act as an "anchor". Make sure you have someone to relieve you as history has taught us that the parents get tired before the kids. Even the Coasters can get up a good speed so you will have to be prepared to run quickly.



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## Absolute minimum protective clothing for each racer is

### Headwear

- Children must have head protection which at a minimum must be a close-fitting cycle helmet.
- Full face helmets are ideal
- Adults must have head protection which is to be either a motorbike or BMX helmet.

### Clothing

- Enclosed shoes
- Long sleeve shirts
- Long trousers
- Elbow and knee pads are recommended if you have them. (skateboard / BMX type)
- Full finger length gloves.

### Scrutineering

- The scrutineer's decision is final.
- If they believe the cart is unsafe or doesn't comply with the basic design guide (in particular for the age and skill of the driver), then the cart will be failed. You will then have till the morning of race day to rectify the issue.
- All persons driving the cart on race day must attend Scrutineering with their helmet so that we can see that the cart and helmet is matched to the driver.
- Both trolleys and drivers must be scrutineered before racing commences and if they pass Scrutineering, they will receive a sticker. Remember this year we are asking for you to provide a robust flattish area A4 paper size on the front of your trolley so that the sticker stays on.
- Scrutineering will occur at the area outside the Te Puru Sea Scout hut on Saturday 27<sup>th</sup> Feb 8:00am to 12:00 pm.
- No local carts will be scrutineered on Race Day
- If you are from out of town and can only bring your trolley to race day we will be doing Scrutineering on Race Day for you, however if your trolley fails and is unable to be bought up to spec then and there, then you will not be able to race.
- Expect the scrutineers to push, test, Bounce and generally try to make sure your cart is robust enough for the North Island's only grass track.

### Drivers

Only two drivers per trolley