

Where can I get materials and ideas for building my Billy Cart?

Please note that billy carts racing in the Rouse Hill Billy Cart Derby must conform to the required specifications (including brake and pushing handle). Review the Terms and Conditions document downloadable from the event website www.billcartderby.com.au

For persons attending the pre event workshops, the required list of parts they will need to bring to the workshops (with Bunnings F/L numbers) is found below. Some washers, screws and split pins etc. will be available at the workshops. Tools to bring to the workshops include a saw, drill (with assorted bits), Phillips head screwdriver, hacksaw, pencil and tape measure. Some tools will also be available at the workshops.

Alternately, you can get some ideas on the bunnings.com.au, website by clicking on 'DIY brochures' and type in the search box 'billy cart.' Instructions for building a billy cart can be found there. However, a non-timber pushing handle (to waist height of the pusher) would need to be added to the billy cart design found on the Bunnings website.

| 2012 BILLY CART DERBY MATERIALS LIST | | | | |
|--|--------|-------------------------|--------------|-----------------------------------|
| DESCRIPTION | NO. | BUNNINGS F/L NO. | APPROX. COST | NOTES |
| TIMBER | | | | |
| timber - 90x45mm MGP10 pine 2.4m | 1 | F/L 8440396 | 6.84 | can cut into 2x1.2m for transport |
| plywood - 1200x600x12mm | 1 | F/L 0390157 | 19.5 | |
| chipboard screws 8gx35mm | 1 pack | F/L 2418920 | 7.59 | |
| cuphead bolt Zenith 5/16x3in | 6 | F/L 2442981 | 3.66 | |
| 5/16 nut | 6 | F/L 2446765 | 2 | |
| front cuphead bolt Zenith M8x120mm & nut | 1 | F/L 2443440, 2310091 | 1.2 | |
| WHEELS | | | | |
| back wheel 200mm red | 2 | F/L 3942940 | 31.7 | |
| front wheel 150mm red | 2 | F/L 3942932 | 29.16 | |
| 12mm dia steel rod (min.600mm long) | 2 | F/L0390157 | 6 | |
| rope (8mm x 2m) | 1 | | 2 | |
| 40x40x40x3.5 angle HED6040 | 2 | F/L 3961223 | 5 | |
| BRAKE | | | | |
| timber - 42x19mm DAR pine 0.9m | 1 | F/L 8400985 | 1.17 | |
| cuphead bolt&nut Zenith M6x75mmn | 1 | F/L 2310018 | 0.62 | |
| HANDLE | | | | |
| round gal steel tube - 25mm dia. 1.2m | 1 | F/L 1130448 | 8.46 | |
| rubber leg tip for top of handle | 1 pack | F/L 4050342 | 1.94 | |
| saddle clips for 25mm pipe | 1 pack | F/L 4920122 | 6.65 | |
| nuts & bolts 3/16 Zenith | 1 pack | F/L 2420124 | 3.3 | |