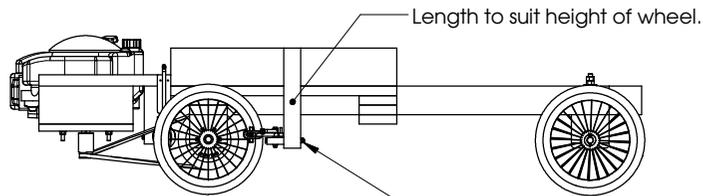
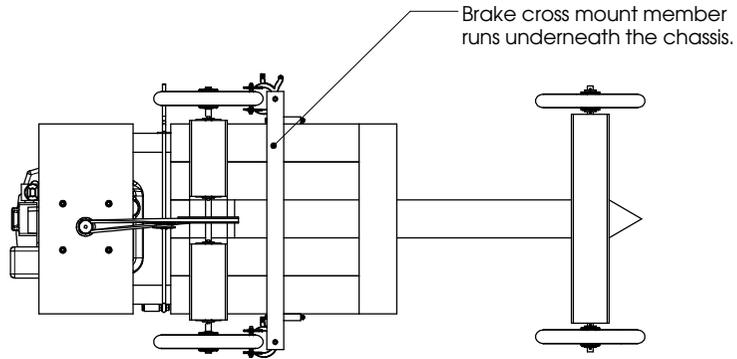
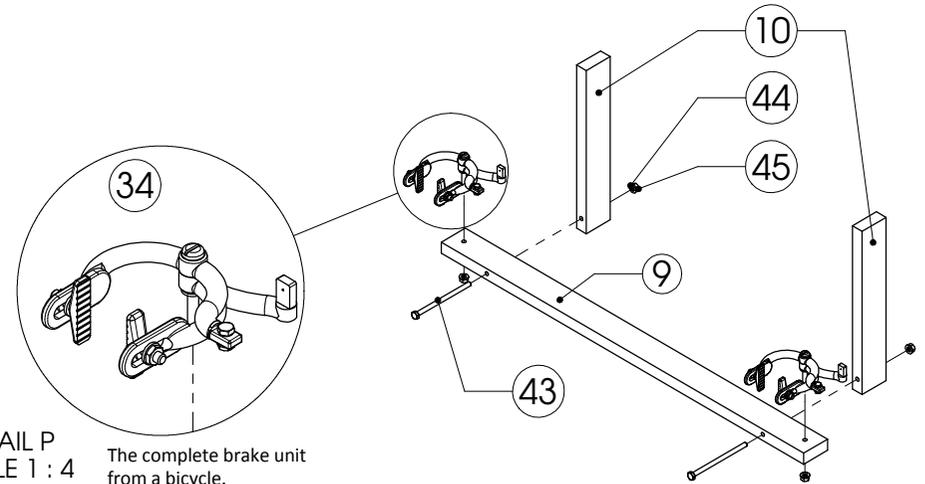
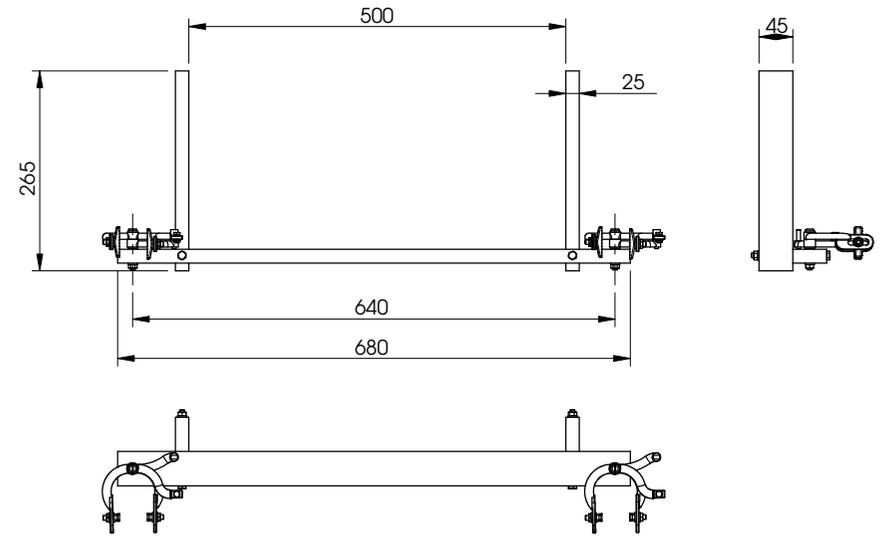
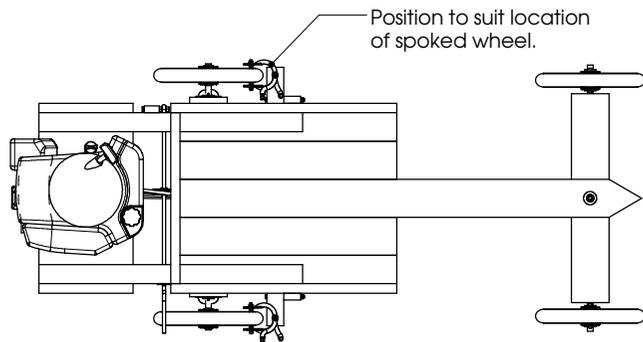


REAR BRAKES

The brakes used on this kart, are taken from an ordinary bicycle. Nowadays there are many different types of brakes used on bicycles. The type used in these plans is a "single pivot side-pull calliper brake" (see: www.en.wikipedia.org/wiki/Bicycle_brake_systems). It would be possible to adapt most types of bicycle brakes to suit. In this case the spoked wheel used in this kart has a similar width to a bicycle wheel, and thus these brakes will suit perfectly. More information may be available on www.kartbuilding.net for other types of brakes.



Bolts are used as there are a lot of forces acting on the brake mount members when braking.



DETAIL P
SCALE 1 : 4

The complete brake unit from a bicycle.

Pieces of timber/wood, 45MM x 25MM are used to attach the brakes to the wheels in the correct location. Long bolts are used to connect the brakes to these pieces of wood. A drill will be required to drill a hole in the wood, before inserting the bolt.

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TITLE: REAR BRAKES			
MATERIAL AS SPECIFIED		DATE: 17/10/2009	
FILE NAME: Main-Wooden-Kart-		SIZE: A4	REV. 1
SCALE: 1:20	DESIGNER: STEPHEN BURKE		SHEET 19 OF 21