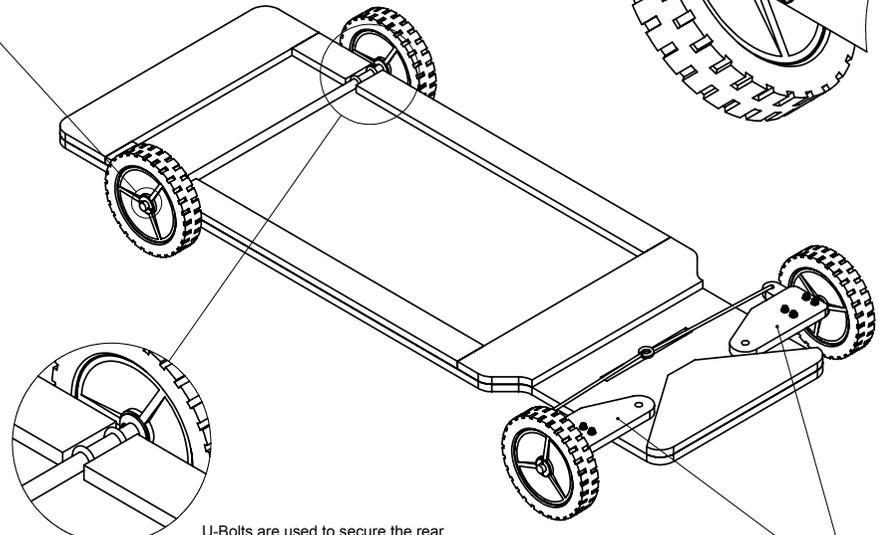


DETAIL B
SCALE 1 : 2

The wheels are secured to the rear axle using split-pins and washers. Drill a 2mm hole through the axle either side of the wheel. Insert a split-pin in the hole and bend to secure.

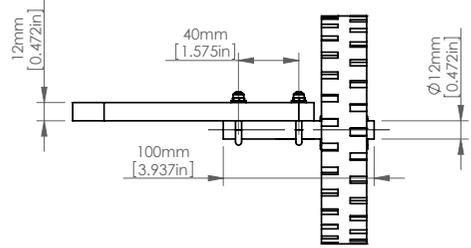
Underneath, use washers and lock-nuts to secure the U-Bolts.



DETAIL A
SCALE 1 : 5

U-Bolts are used to secure the rear axle to the Lower Chassis.

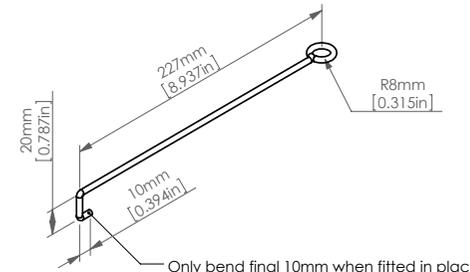
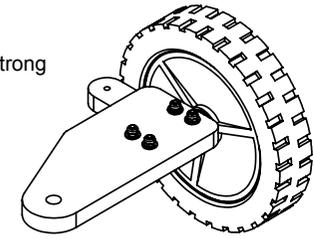
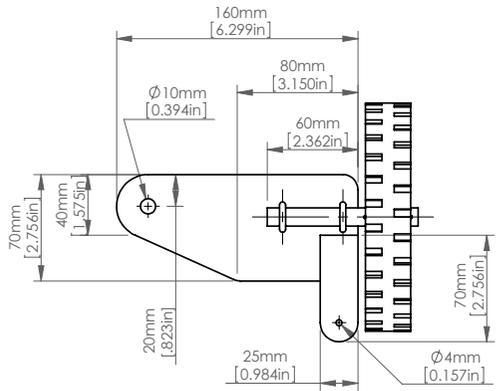
Wishbone Steering Arms to be bolted in place at the final assembly stage.



Wishbone Steering Arm Assembly

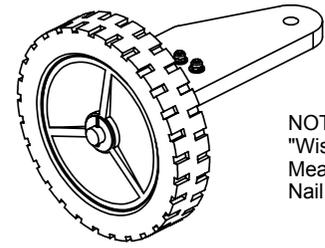
The Track-Rod-Arm is nailed & glued to the Wishbone. The steel stub axle is attached to the Wishbone using U-Bolts with lock-nuts. The front wheels are secured to the stub axes using split-pins and washers (similar to rear axle).

Extra caution and time should be spent on creating these Wishbone Steering Arms to ensure they are as robust and strong as possible.



The track rod is bent from a single piece of steel bar: 295 total length x $\phi 4$ [11.61" x 0.15"]

Two identical track rods are required.



NOTE: A left and right hand "Wishbone" Assembly are required! Measure and set-out twice : Nail & Glue once.

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TITLE: LOWER CHASSIS ASSEMBLY 2		
MATERIAL AS SPECIFIED	DATE: 26/10/2010	
FILE NAME: WOODEN-PUSH-CART	SIZE: A4	REV. 1
SCALE: 1:20	DESIGNER: STEPHEN BURKE	SHEET 6 OF 10