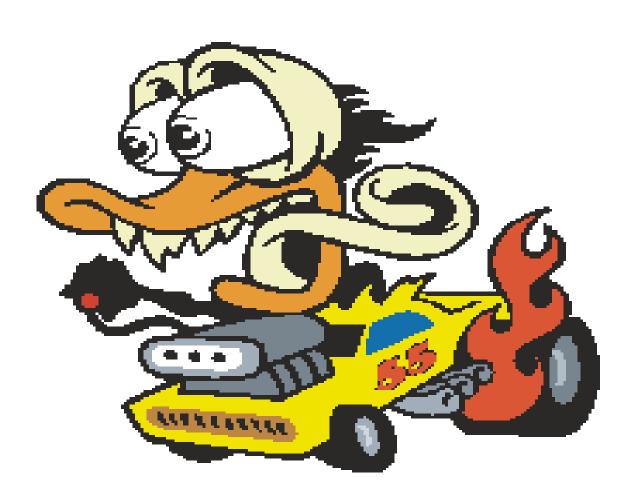
Hopkins Raspierry Racers Somplex Derley



Car Build Instructions

Tools Required:

The following tools will be needed to construct this kit.

	Notes:	
□ Safety Glasses		
■ Work Gloves		
□ Tape Measure		
□ Pencil		
□ Drill		
□ Drill & Screw Bits		
☐ Scocket Set		
□ Adjustable Wrench		
□ Pliers		

Components:

The following components are included in the kit. You will have extra hardware left after you complete the kit

Wood Parts

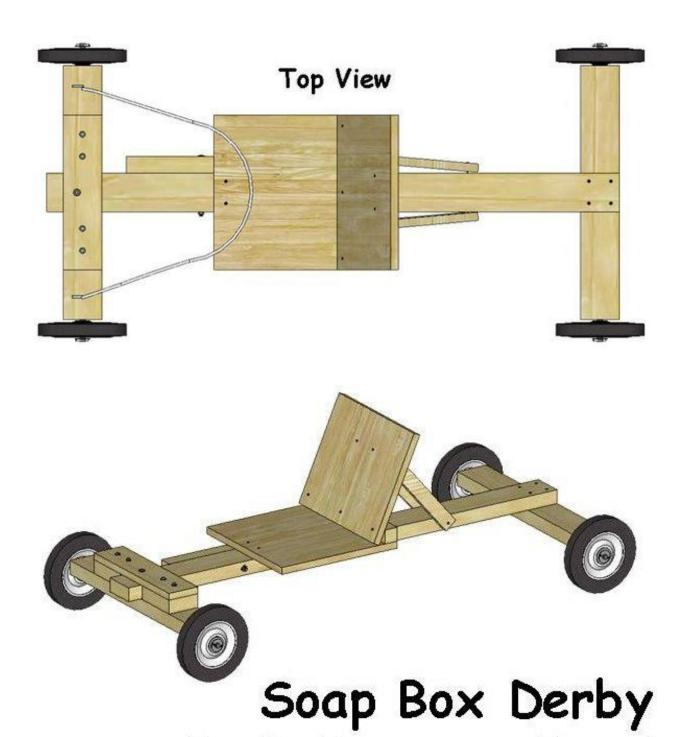
2 - 2"x4" @ 23"	1 - 3/4" Plywood @ 12"x14"	
2 - 2"x4" @5"	1 - 2'x2" @ 5"	
1 - 2"x4" @ 52"	1 - 2"x2" @ 14"	
1 - 1"x4" @ 14"	1 - 2"x2" @ 21"	
1 - 3/4" Plywood @ 14"x14"	2- 1'x2" @ 12"	

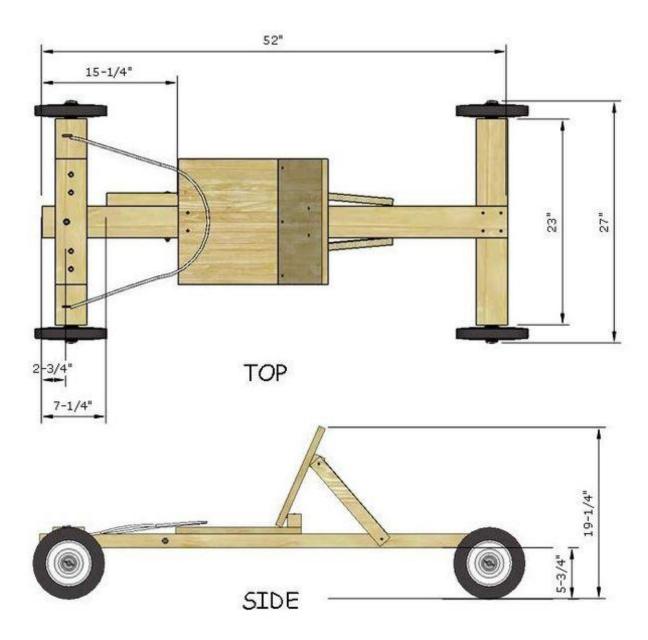
Hardware

4 - 1/4" x 3-1/2" Lag Bolts	20 - 1/2" Copper Pipe Holders
4 - 1/4" Fender Washers	40 - 1-1/4" Screws
1 - 5/16"x 5"Carriage Bolt	8 - 1/2" Fender Washers
1 - 5/16" x 5-1/2" Carriage Bolt	4 - 1/8" x 1-1/4" Cotter Pins
3 - 5/16" Fender Washers	2 - 1/2" x 28" Steel Axles
2 - 5/16" Stop Nuts	4 - Wheels
4 - 2-1/2" Screws	2 - #4 2-5/16" - 5/8" Eyebolts
3 - 2" Screws	1 - Section of Rope
15 - 1-5/8" Screws	100

Hardware Refrence Sheet

2 - 5/16" Stop Nuts	(N1		
4 - 1/4" Fender Washers	○ W1		
3 - 5/16" Fender Washers			
8 - 1/2" Fender Washers	W3		
2 - #4 2-5/16" - 5/8" Eyebolts		> H1	
4 - 1/8" x 1-1/4" Cotter Pins	P1		
4 - 2-1/2" Screws S1) 	TI>	
3 - 2" Screws S2	<u> </u>	Note:	
15 - 1-5/8" Screws S3	/mmmmm/	The screws are printed at actual size. You can lay hardware on the	
40 - 1-1/4" Screws S4	\	sheet to confirm correct size.	
1 - 5/1 6" x 5-1/2" C1	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>		
1 - 5/16" x 5" Carriage Bolt	<u> </u>		
4 - 1/4" x 3-1/2" Lag Bolts			





PRE-STEP 1.

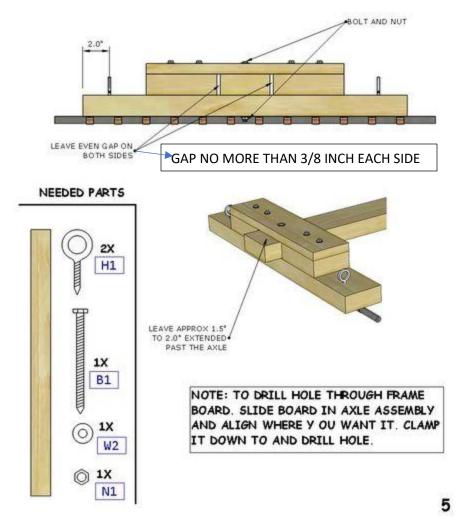
2X

1X

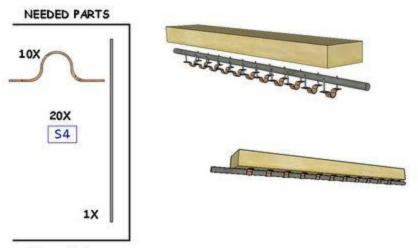
Drill holes through axles 1/8 Inch Minimum to fit cotter pin Step #1 In this step you will be assembling the front axle assembly. NOTE: REFER TO BACK OF BOOKLET FOR DIMENSIONS TO RUN LAG SCREWS THROUGH TOP BOARDS AND DRIVE INTO LOCATE HOLES **BOTTOM BOARD** DRILL HOLES IN TOP BOARD AND STOP BLOCK BOARDS ENSURE EDGES ARE ALIGNED DRILL HOLE IN CENTER AND SLIGHTY TO THE BACK OF CENTER ON THE SHORT DIMENSION NEEDED PARTS 10X under property for the property of the propert ATTACH AXLE SLIGHTLY OFF CENTER LEAVING CLEARENCE AROUND THE HOLE YOU 4X **B1** DRILLED IN THE PREVIOUS STEP 20X **S4** 机在有有有有有有有有有 1X

> FINISHED AXLE ASSEMBLY

Step #2
In this step you will be attaching the front axle assembly to the frame board and the eye hooks to the axle.

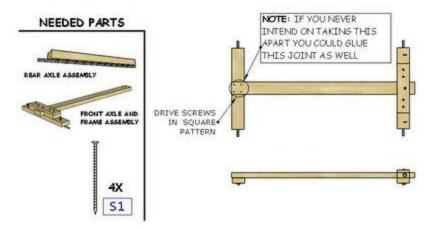


Step #3
In this step you will be creating the rear axle assembly.



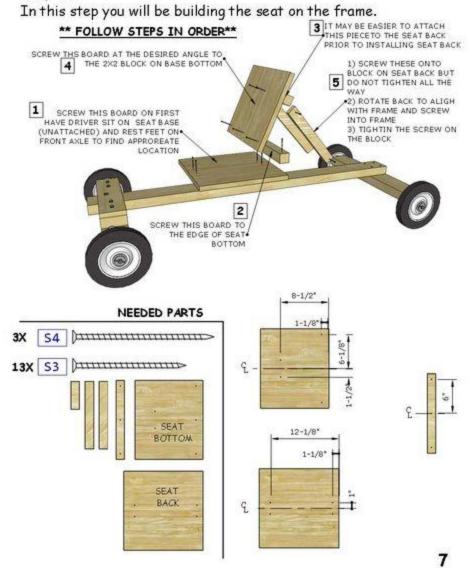
Step #4

In this step you will be attaching the rear axle assembly to the frame board.

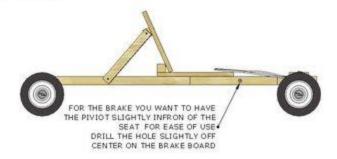


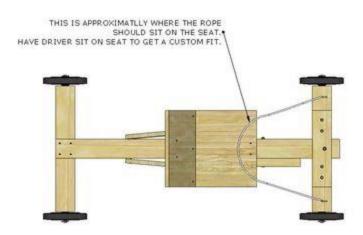
6

Step #5



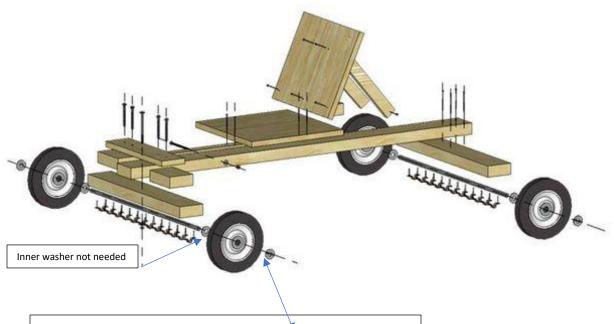
Step #6
In this step you will be attaching the steering rope, brake and the wheels.





REFER TO FOLLOWING PAGE FOR WHEEL INSTALL

8



Wheel Installation

Attach wheels as shown with washer on the outside of wheel with 1/8 cotter pin through pre-drilled hole.