

Info Build Session Agenda

Info Session Prerequisites:

Reading of the Go Kit assembly instructions. **Bring a copy so you can mark up at session**
GoKit assembly instructions available online at stalbertsoapboxderby.ca under Build Info
If using the St Albert Tread Brake, review St Albert Brake Install documentation under Build Info tab on stalbertsoapboxderby.ca

Suggestion: Identify and label (masking tape) all parts before starting installation. Note there are Left (Gold Plated) and Right set screws and lock nuts. (Left and Right are determined from racers seat position)

Steps 1 to 3- Plywood preparation and cutting - for Build Kit users, already done.

Step 4 Assemble the ABC (Seat) and DEFG(Cowling/Hood)

Step 5 Cross member alignment and *install (Tip consider drilling cross member access from underneath to allow for easier wheel adjustments on race day)*

Step 6 Rear Wheel installation *(Tip consider running flat iron run between the wheels and replacing the supplied bolts for firmer rear support – eliminates the VW bow effect)*

Step 7 Assembly of seat and hood/cowel on to base. *(Tip plan for growth of racer with seat placement. Combination of seat and brake positioning provides growth)*

Include Tow hook installation to base (used to get carts back up the hill after race)

Step 7b (St Albert Brake install) – Print a copy of instructions to mark up at session.
Brake blocks?

Step 8 Steering Assembly Setup – Shaft, Pitman arm and connecting rods and
Alignment of front wheels - Toe In

Step 9 Installing Steering Wheel on Steering column base
Suggestions on column height adjustment depending on racer size?

Step 10 Roll bar and seat belt installation.

Open Questions - ???

Cart body design options --- examples found at Race HQ Fountain Tire and online at
<https://www.stalbertsoapboxderby.ca/design-examples.html>

After session Questions? Send questions/comment/suggestions to
TechBuild@stalbertsoapboxderby.ca

V3 March 2023