



Windermere Stanwood Camano Island Soap Box Derby Supply and Tool List

The following items are needed in the basic assembly of the Super Stock and Stock Car. The International Soap Box Derby, Inc. and The Arrowhead Ranch do not provide these tools as part of the car kit. Sources for these tools include, but are not limited to, hardware and automotive supply stores. **Please bring the following tools with you to the Build Clinics**

The following items are REQUIRED in the assembly and basic finish of the Super Stock and Stock Car:

- 1. Screwdriver - Electric Drill**
 - #2 Phillips screwdriver or attachment
 - Wide flat blade screwdriver or attachment
- 2. Wrenches or Sockets**
 - $\frac{3}{8}$ " open-end box wrench
 - $\frac{7}{16}$ " open-end box wrench
 - $\frac{1}{2}$ " open-end box wrench
 - $\frac{11}{32}$ " open-end box wrench
- 3. Pliers**
 - Standard Pliers
 - Wire Cutter Pliers
- 4. Can of WD-40**
- 5. Allen Wrench**
 - $\frac{5}{64}$ " Allen Wrench
- 6. Measuring Tape**
 - 10' minimum length
- 7. Hammer**
 - Standard Hammer or Mallet
- 8. Metal Cleaning Materials**
 - Steel Wool
 - Non-metallic abrasive pad (Scotch Brite Pad)
- 9. *Weights***
 - Metal weights for private owned cars only

The following items are OPTIONAL in the assembly and basic finish of the Super Stock and Stock Car. The International Soap Box Derby, Inc. and Arrowhead Ranch do not provide these tools or supplies as part of the car kit:

- 1. Finishing**
 - Automotive Wax
- 2. Feeler Gauges**
- 3. Tung Oil**



Windermere Stanwood Camano Island Soap Box Derby **What to Expect at a Build Clinic**

Build clinics are every Thursday evening (check online for exact dates and times).

The purpose of the Build Clinics is to provide a safe and collaborative space to work on your car. There will be members of the Tech Team available to answer questions and help where needed.

You will take your car apart and rebuild it using the plans provided by the All American Soap Box Derby.

Your car will be on sawhorses (provided at the build clinics).

Please remember to bring your tools, plans, and anything else you need.

If you wish to take your car off site, and it is owned by a sponsor, there will be a \$250 deposit due. Fully refundable at the time the car is returned in its original condition.

10-Steps to Refer to at Build Clinics

1. Build a Soap Box Derby car using step-by-step instructions.
2. Have a member of our Tech Team look at your car on a regular basis.
3. Triangulate the axles.
4. Add weights to car using step-by-step instructions (must have minimum 10 lbs. of adjustable weights).
5. Bolt weights into the car using step-by-step instructions. Use correct bolts in correct direction.
6. Tune spindles with Tech Team assistance.
7. Have completed car inspected by a member of the Tech Team .
8. Schedule impound appointment.
9. Install foam using step-by-step instructions.
10. Put body screws into car after final inspection.

You are ready to race!