



Soap Box Derby Information Sheet

Soap Box Derby can be intimidating, but it doesn't need to be. Below is a list of responsibilities as a Soap Box Derby participant you are getting involved in.

Pick Up Car

When you get your car, it is important to inspect car step by step using the plan books (available on Soap Box Derby website & corresponding YouTube videos).

Attend practice

Practice is mandatory for first time drivers. Bring car to practice location and driver will take the car downhill a few times to get comfortable driving. Also, this is an opportunity to get an idea of the driver's weight in car. Stock Cars should run at 200lbs and Super Stock at 240lbs on race day, without weights cars are about 62 lbs. Weights are available as first come first serve basis.

Scales Available Weekend Before Race Day

Call Fire Department (423-744-2763) when arriving to City Hall be let into Court Room. Drivers should be in the front of the building at the main doors as request the Fire Department to open doors to get into the Court Room. In the Court Room will be the scales set up, extra weights, and additional parts if needed.

Lock In

This will be the last time working on the car before race day. Arrive to lock in location with car at weight and ready for final inspection. Each step-in plan book should be checked. Weights and foam should be ready and in cars. Bring tools to lock in. Shell does not need to be attached as it will be taken off for inspection. After inspection is complete, reattach shell and final weights will be recorded.

Driver Meeting

Information of race day expectations and locations will be handed out.

Race Day

Race day arrival is early, but race staff will take the drivers up the track and point out any obstacles and allow for the drivers to get familiar with the track. There will also be an on-air radio interview, practice runs and an Opening Ceremony before the race begins.

Pit Crew for Race Day

Each driver will need two people to help get cars off track and swap wheels. Once the wheels are swapped, the car needs to get placed on trailer to get back to the top of the track. This is where an additional person would be helpful.

Tools Needed at Home for Car Building

Screwdrivers-

- #2 Phillips screwdriver
- Wide flat blade screwdriver

Wrenches or Sockets-

- 3/8" open-end box wrench
- 7/16" open-end box wrench
- 1/2" open-end box wrench
- 11/32" open-end box wrench

Pliers-

- Standard pliers
- Wire cutter pliers

Allen Wrench-

- 5/64" Allen wrench

Measuring Tape-

- 10' minimum length

Hammer-

- standard hammer or mallet

Contact Cement

Masking Tape

Electrical Tape

Battery Powered Drill

Sawhorses