

LAWN MOWER RULES

****All entrants must follow the Snake River Stock Car Association track and safety regulations****

1. Safety Equipment

- A) Every driver must wear a full-face helmet with a face shield or goggles.
- B) All drivers must wear: long pants, long sleeve shirt and boots. Chest protectors and race suits are highly recommended

2. Mower Eligibility

- A) Races are open to all riding type mowers that were mass-produced and commercially available to mow residential lawns. Zero turn mowers are not eligible to race.

3. Technical Inspections

- A) All race mowers are required to have a technical inspection before the race.
- B) Top three in class will be checked after main event.
- C) Race numbers shall be at least 4 inches tall and must be a contrasting color. They need to be easily visible by the race officials.
- D) Tech inspectors and the board reserve the right to prevent any mower from racing that is deemed unsafe.

4. Mower Specifications

A) Mower Deck

- i. Blades must be removed.
- ii. Removal of deck is optional, but recommended.

B) Tether Switch

- i. All mowers shall be equipped with a working tether switch that shuts off the engine if you fall off (NO EXCEPTIONS). Devices are commercially available and can be found online.
- ii. It is required to have an engine shut off switch separate from the tether switch.

C) Mower Frame

- i. Must be a commercial built frame. FX class can use a built frame.
- ii. No go kart frames
- iii. Frames can and should be reinforced and modified

- iv. Frames should be lowered for a better center of gravity, but not required.
- v. No suspensions. Axles must be rigidly mounted.

D) Drive Train

- i. The drive train can be modified between engine and rear axle.
- ii. Hydrostatic transmissions are not allowed.
- iii. Recommended transmission is a Peerless 700.
- iv. Mowers must run a full width rear axle.
- v. No torque converters (meaning no drive or driven clutch setup).
- vi. Centrifugal clutches are allowed.

E) Fuel and Exhaust

- i. Fuel systems can be modified
- ii. Self-closing throttle is required, will be checked before each race.
- iii. Pump gas only
- iv. No N.O.S.
- v. Engine must be naturally aspirated.
- vi. Exhaust system design is open, but must terminate away from drivers or competitors and cannot create a safety hazard.
- vii. Exhaust cannot point straight up.

F) Tires

- i. Tires should be something originally found on a mower.
- ii. No slicks.
- iii. Tires must be the same size for each axle.

G) Brakes

- i. The mower must have brakes that stop at least two wheels. Preferably mounted on the rear axle.
- ii. The brakes should be hydraulic, not cable operated.

H) Steering

- i. The steering wheel can be any round sturdy steering wheel.
- ii. Steering wheel should not flex easily.
- iii. No handlebars allowed.
- iv. Steering system must be made of good quality materials.
- v. It is recommended to not use the factory steering as it's weak.
- vi. If factory steering is used it must be reinforced/modified.
- vii. Go kart style steering is the preferred steering, it is also referred to as direct steering.

I) Bumpers

- i. It is recommended to have a rear bumper; front bumpers are optional.
- ii. If you are running bumpers they cannot extend beyond the width of the tires.

J) Sheet Metal

- i. All sheet metal must be securely mounted to the mower with no sharp edges or protrusions.

K) Engines

- i. Engines need to be originally from a riding mower.
- ii. Vertical and horizontal engines are allowed.
- iii. All mods are allowed except turbos and superchargers
- iv. Engine must be naturally aspirated.
- v. Air cooled engines only.
- vi. No liquid cooled engines.
- vii. No snowmobile or motorcycle type engines.