

Cottage Grove Speedway

Late Model Rules 2024

If it doesn't say you can, then you can't. Tech Officials have final say in all decisions!

MUFFLERS REQUIRED – MUST BE BELOW 95 DECIBELS AT 100 FEET – NO EXCEPTIONS!

2024 Rule Changes listed in Red

Safety Rules

1) Mandatory Safety Equipment

FIRE SUITS: A flame/fire resistant suit designed for auto racing will be REQUIRED at all times car is on the track. A 1 or 2- piece flame/fire resistant suit will be accepted.

Fire resistant gloves, shoes, socks, head sock and underwear. It is recommended that that the driver's suit be the best quality fire protection available.

HELMETS, HEAD & NECK RESTRAINTS: Rules apply at all times car is on track. Snell-rated

SA2015 or SA2020 Helmet required. (**M rated helmets are not permitted**)

SFI approved helmet skirt, neck and head restraint system.

No open face helmets

SEAT BELTS: SFI-approved five-point safety belt system. Center crotch belt MUST be used and must be mounted to the roll cage seat mount. All belts must be mounted securely to main roll cage. Seatbelts may not be more than 2 years old. No Fraying. If seatbelts are deemed unsatisfactory they must be immediately replaced before racing.

SEATS: A professional racing seat is required. Seat must be mounted with a minimum of 3/8-inch grade 5 bolts. HIGHLY RECOMMENDED: seat also offer rib protection and have leg extensions. Headrests recommended on both sides. No fiberglass, plastic, or homemade seats permitted.

HIGHLY RECOMMENDED:

1. Driveline must have a 2" wide safety strap
2. High back (stock car style) seat
3. Padded knee guard
4. All cars to be equipped with fuel bladders
5. Must use bead lock on right rear at all times
6. Drag link must be tethered to the frame
7. Steel door plates, 18 gauge or .049 inch minimum thickness metal, must be securely welded to outside of door bars on drivers side.

2) Suggested Safety Equipment

- A) Rock screens with a minimum .090 thickness
- B) Head rest with padding
- C) SFI flame retardant underwear, head sock, and foot socks
- D) Left window net
- E) Steel tie rod and drag link with steel heims
- F) Drivers seat fuel/fume deflector
- G) 2014 Driveline restrain

Body & Chassis Rules

- 1) Full cage required – Drivers head must not protrude outside the cage with helmet on.
- 2) Maximum body width 76" - From the top of the door and 90 inches at the bottom of door
- 3) Wheel base minimum 103"
- 4) Maximum body height 39" with a 1 inch tolerance at the back of the car at post-race inspection.
- 5) Car must measure no more than 50" from center rear axle to back of body. Bumper ends must be rounded. Rear bumper, or push bar, not to extend past rear body panel more than 10 inches.
- 6) Maximum width quarter panels measured 19 inches from the ground is 86 inches.
- 7) No sideboards allowed
- 8) No wings allowed
- 9) No traction devices of any kind
- 10) Cars must have contrasting numbers on each side of the car and the top minimum of 20" high OEM style nose piece. No wedge noses.
103" minimum wheel base (either side)
No side boards.
Minimum driver's side window opening 12".
Maximum 8" Spoiler. Spoiler max width is 72 inches. (Deck to top of spoiler) Spoiler sides max size height 10" of spoiler x 18" long – NO SIDEBOARDS
Minimum 1" gap between C- Pillar and Spoiler side
Left rear quarter panels must extend downward from the deck a minimum of thirty-three inches (33") and a maximum of thirty- six inches (36") including the plastic. Measured at the front and rear of the quarter panel.
No fins or raised lips of any kind are permitted anywhere along the entire length of the car.
Look at Diagram picture of Late Model –Dirt Car Late Models

ENGINE & WEIGHT RULES

- Engine set back max 8" from #1 spark plug to center of left ball joint.
- 1 Carburetor –Naturally aspirated.
- All engines are limited to one spark plug and two valves per cylinder.
- All cars must be self-starting. Cars unable to start the race under their own power may lose their starting position for that event (i.e. heat, 'B' main, Main).
- 2350 minimum weight with driver post-race. Any weight ballast must be bolted with at least (2) ½" bolts, painted white with your car number **clearly marked** on it. **Placement and security of all weight ballasts are subject to tech approval for safety.**
- Intact and unaltered mufflers are required on all cars. All cars must be below 95dba at 100'. If a car is over the decibel limit with a muffler they will be required to change mufflers or add turn downs to become compliant before they will be permitted to race.**
- IF YOUR MUFFLER COMES OFF YOU WILL IMMEDIATELY BE SENT OFF THE TRACK**

WHEELS AND TIRES

MAX 14" wide wheels

- Hoosier D 55 spec, Hoosier WRS-2, LM40, and all be permitted for the **2024** season. L series tire rule is as follows – L-4 is the only tire allowed on right rear, L-3 will be allowed on front and left rear only. Tire rule may change in 2025. Siping, grooving and grinding ok.
- Absolutely no chemicals to be used on inside or outside of tires. If you need lubricant to your seat your tires on the bead, use soap and water. Random samples of tires will be sent off to a laboratory to be analyzed. If the sample is found to be chemically altered, you will be disqualified, fined and suspended. Fine amount and suspension length to be determined.
- Foam type or securely bolted plastic or aluminum outer mud cover. Must be securely fastened. **Outer mud cover mounting tabs and rings must be integral to the wheel or beadlock or be securely welded to the wheel.** Loss of mud cover during race will result in disqualification. **Mud covers must be clearly marked with car # on them.**

TRANSMISSION

Must have forward and reverse gears.

FUEL CELL

Approved fuel cell w/ safety valve. No bottom feed fittings (fuel fitting under fuel cell). Fuel cell must be attached with two 2" straps all the way around or 1" square tubing. Bottom of fuel cell mandatory. Alcohol or gas only. NO NITRO!!!
NO elec. fuel pumps.

MISC.

NO TRACTION CONTROL DEVICES

No cars may have radio communication of any kind other than the mandatory receivers.

**No electronic devices such as cellphones, smart watches, or wireless headphones will be allowed.
Absolutely NO exceptions.**

Large contrasting colored Numbers on roof and sides. –MINIMUM 20" HIGH

Cockpit adjustable components are NOT permitted, except brake bias adjusters. Adjusters for adjustable shocks, hydraulic or pneumatic weight jacks, trackers, ignition boxes or similar are not permitted.

Adjustable components of any kind are NOT permitted inside the cockpit of the car or within reach of the seated driver.

No rearview mirrors of any type allowed.

Check Tracks General Safety Rules for compliance.