



HOME OF THE WINGLESS SPRINTS!

2021

Pro Four Rules

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### **Attention Competitors**

The 4cyl class is intended to provide and encourage stock car racing at an affordable price. The objective of this class is to provide a low cost, safe, cheap way to have fun, and get your feet wet in the sport. 4cyl cars should basically be stock with only modifications for safety. Efforts to “bend” or take advantage of “gray” area rules will not be tolerated! It is nearly impossible with all the different types of vehicles allowed in this class to provide a rulebook which will cover every possible situation that might occur. The Technical Inspector(s) are given discretion to use their judgment to interpret and make changes to these rules at any time should it be deemed necessary, to insure equal competition for all. Management reserves the right to impose weight penalties to any vehicle deemed dominating.

### **Competing Models:**

1. Any American or foreign made hardtop sedan, lift back or pickup truck up to and including current year.
2. Rear wheel drive ONLY. No Front wheel drive or AWD/4WD.

### **Bodies:**

1. Cars must be neat in appearance. Bodies may be cut and trimmed for clearances only.
2. All doors must be securely fastened (welded, bolted, or chained) closed.
3. Hoods and trunks may be gutted.
4. Door handles must be removed, and covered with sheet metal or aluminum.
5. Full stock front fire wall in stock location. Complete firewall between fuel cell and driver’s compartment also required. Must have stock floors and holes must be patched.
6. Front and rear bumpers must stay in stock position and be closed on the ends.
7. Front and rear tow chains are required.
8. Tubing bumpers will be allowed, as long as it has no sharp edges.
9. Battery must be securely mounted with a cover.
10. Rub rails tight to body between front and rear tires. No sharp edges.
11. Vehicles with t-tops or convertibles are not allowed. Sun roofs must be removed and covered with a minimum of 22 gauge steel.
12. All glass must be removed.
13. Stock dash may be removed and replaced with sheet metal.
14. Passenger rear seat and all flammable material must be removed.
15. All firewall holes must be covered with minimum 22 gauge steel. No exceptions.
16. No boxing in driver’s compartment allowed.
17. Quick release steering wheel is required.

### **Engines:**

1. Four cylinder engines only. No turbo, superchargers, or rotary engines allowed.

### **Tires and Wheels**

1. 15” maximum tread width
2. NO SNOW TIRES

### **Roll Cage and Safety Requirements:**

1. Minimum size of roll cage tubing is 1 ½”, .095 thick.
2. Minimum four point cage required.
3. Hatchback type chassis may not have tubing extending beyond the rear axle.
4. All cars must have trunk area shield.
5. Cars may be braced from the front roll cage to the rear of the front strut towers, and from the rear of the roll cage to the front of the rear strut towers. Left and right side bracing is allowed.
6. Four curved bars in driver’s door and three bars in passenger door are mandatory.
7. A horizontal bar is highly recommended from between the two uprights and the dashboard bar.

8. Seat must be an aluminum racing seat bolted a steel frame connected to cage in original position. Must have six (6) – 3/8” bolts, grade 8 with washers. One must be in each corner of the seat (2-3” from the outer edge) and two in the headrest.
9. No seats may be bolted directly to the floor board of your vehicle. You must have a steel seat frame of some sort. A support brace must be installed in the rear of the seat.
10. Aluminum seat, safely mounted. 5 point harness mandatory.
11. If battery is not mounted in stock position under hood, it must be mounted in a safety box that is securely mounted behind the driver.
12. All cars must have a safety cut-off switch on dash or drivers right side crossbar. Must be within reach of the driver and accessible to safety crews from both sides of the car.
13. All cars must be equipped with a minimum of five (5) point harness system.
14. Maximum allowable age for belts is three (3) years.
15. Belts are not legal without date tags.
16. All vehicles must be equipped with an approved window screen, equipped with a quick release device.
17. A working fire extinguisher with a working sight gauge is mandatory. It must be attached within reach of the driver and accessible to the driver while strapped in. It must be located in the center of the car so that it may be reached by safety officials from both sides of the car. Must be securely mounted with a quick release mounting bracket. Zip ties and duct tape are not allowed.
18. Stock fuel tank allowed. Minimum of 3 1” straps holding tank are required.
19. Stock fuel tank may be replaced with fuel cell. Fuel cell must be enclosed in steel canister. Fuel cell must be held in place by a minimum of four (4) 1”X1/8” flat steel straps.
20. Minimum five (5) gallon fuel cell allowed. Maximum twelve (12) gallon fuel cell allowed. Fuel cell must be mounted in the center of the trunk floor.
21. All fuel lines passing through the interior of racecar must be enclosed in steel conduit.
22. All fuel cell vent lines must have a check valve.
23. Center of steering wheel must be padded.
24. All roll bars within drivers reach must be padded.
25. Full fire suits are required. Tech officials may require you to replace your fire suit if it is full of holes or covered in oil and/or grease.
26. Racing helmets must be SNELL approved.
27. The following safety items are highly recommended: Full faced helmet, fire retardant shoes, socks and undergarments, foam neck braces, Hans or Hutchens devices are highly recommended. Hans/Hutchens is required for drivers under the age of 18.
28. Raceceivers are mandatory. NO TWO-WAY RADIOS ALLOWED.

**All tech decisions are final. The tech team reserves the right to make any changes that need to be made for the best interest of competition.**

This division will be policing each other. Any tech issues will be brought to Dan, who will investigate any claims of illegal cars.