

Kenai Peninsula Racing Lions



SPRINT RULES

Updated 2024

8. SPRINT

8.1 COMPETING MODELS

- Any sprint chassis is allowed.
- The roll cage must be of (4) four post design.
- No dirt champ cars allowed.
- All chassis are subject to tech and safety inspection at any time and will only be accepted when design, materials, and quality of construction have met with approved practices.
- Wall thickness of main cage tubing must be .095" chromoly tubing or thicker.
- Minimum wheelbase is 83", maximum wheel base is 92".

8.2 BODIES

- Bodies are required, style optional.
- Hoods are mandatory and must cover the radiator and engine compartment.
- Belly pans or floor boards must extend from frame rail to frame rail and from the front fire wall to the rear of the foot area.
- Sub flooring or foot retainers must be attached to the frame rails and must keep feet inside of the car.
- There shall not be any floor boards or belly pans under the fuel cell.
- Top wing style optional.
- 25 square foot maximum area, 55 square foot total wing area including side panels.
- All rear wing mounts must be located outside the roll cage.

- Driver adjustable or hydraulic slider wings allowed.
- Center foil shall be fully sheathed in aluminum and side panels shall be aluminum.
- Center foil must be a one-piece construction, no split or bi-wings allowed.

8.3 FRAMES

8.4 BUMPERS

- Front bumpers, rear bumpers, and side nerf bars are mandatory.
- Front bumpers cannot extend more than 8" past the front face of the front torsion tube.

8.5 ROLL CAGE

- Must be a minimum of a four (4) point roll cage.

8.6 IGNITION

- Ignition switch must be a toggle or push/pull type and clearly marked with ON/OFF.
- Key type switches are not allowed.

8.7 ELECTRICAL •

8.8 SUSPENSION

- Must have at least one working shock absorber per wheel.
- Remote or cockpit adjustable and/or remote reservoir are not allowed.

8.9 SEAT •

8.10 STEERING

- Steering type optional.
- Pitman arm must be outside of cage.
- Quick release steering wheel required.

8.11 REAR ENDS

- Any type rear end allowed except independent.

8.12 RADIATORS

8.13 WHEELS •

8.14 BRAKES

- Brake rotors are to be made of steel, aluminum, or titanium only.

8.15 TIRES •

8.16 TRANSMISSION

- Any transmission or in and out box allowed.
- All drive lines must be broken in the coupler or rear slider.
- The drive line shall be fully enclosed and contain no more than one U-joint or CV joint.
- No torque arm drive lines allowed.
- A safety hoop that is securely attached to the chassis is required.

8.17 FUEL DELIVERY SYSTEMS

- SFI approved sprint style fuel tank required.
- 33-gallon maximum capacity.
- Must be vented with a check valve.
- Fuel cap must be threaded or an approved racing type.
- Fuel shut off valve required.
- A toe strap on the throttle pedal is mandatory.

8.18 INTAKE

- Methanol
- ASCS intake gaskets are mandatory if non ASCS heads are installed.
- Gas
- Intake manifold, carburetor and air cleaner shall be completely enclosed by the engine cowl.
- Any intake manifold allowed.
- Only one carburetor allowed.
- Aerosol type carburetors are not allowed.
- Only one mechanical fuel pump allowed.

8.19 EXHAUST

- Mufflers or insert mufflers required.

8.20 ENGINES

- No offset engines allowed.
- Engine must be directly in front of driver.
- Driver must straddle drive line.
- Methanol
- ASCS engine rules shall apply.
- Gas
- No GM LS components
- Cast iron blocks only, any manufacturer.
- Wet sump oil system only.

8.21 CYLINDER HEADS

- Cylinder heads shall match engine type, GM for GM etc.