



Demo Derby Truck Rules

Body

1. No four wheel drives!
2. Any North American made full size Pick Up Truck eligible to run. NO panels, Mini Vans Vans or Mini Trucks. Minimum wheel base is 103". All sunroof openings must be covered with sheet metal from the outside of the car and securely fastened to the roof.

Section 1 Truck Preparation

(a) All glass, including windshield, must be removed. **(b)** Flammable materials inside the Truck must be removed. These include the carpet, the rear seats, and interior trim including side and roof liners. Truck Beds must be free from any debris. As well, the inside of the doors must be clear of all glass and debris. **(c)** All light covers/bulbs, side mirrors, hubcaps, grills, side chrome, plastic, door handles and pot metal must be removed. **(d)** All trailer hitches, related brackets, reinforcements and hardware will be completely removed.

(e) Stock fuel tanks must be removed.

Section 2 Fuel Systems

(a) A limited capacity (of 6 gal. or less) metal tank or boat tank is required as a replacement gas tank. You must solidly mount it in the Bed of the Truck, ahead of the rear axle. The tank must be located at least 12" from the inner sides of the bed panels. The stock tank must be completely removed. If using a metal boat tank, you must have it placed in a metal frame and securely fastened with metal strapping or chain. NO PLASTIC TANKS!!

(b) Gas lines and fittings must be leak proof. No exceptions. Rubber fuel lines located inside the

passenger compartment must run through a second larger hose such as a garden hose to prevent accidental spillage on the driver in case of a leak. A hole must be made in the floor board for fuel runoff.

(c) Electric fuel pumps are optional.

Section 3 Batteries

(a) Batteries must be re-located inside the Truck. Your battery box must be of metal construction full enclosed, and securely fastened to the floor. In NO way may it be connected/bolted to the frame. The lid must be securely fastened shut using 5/16" bolts or 2" straps. (I.e. seat belts). NO RATCHET STRAPS OR BUNGEE CORDS OF ANY TYPE. **(b)** Two (2) batteries maximum **(c)** Switches or wires used for powering off the Truck must be within reach of the driver while harnessed in. There will be no acceptable excuse for not being able to turn off your car in an emergency situation.

Section 4 Safety Bracing

(a) A front cross brace must be installed above the steering column from window post to window post (in the former position of the dashboard). It must be made of a minimum 2" pipe or square tubing with 1/8" wall thickness and be securely fastened into position. The dash bar in no way may touch or be bolted to the floor or the frame of the vehicle. If a 2 piece pipe is used, it must be securely fastened so that it cannot collapse. (Welded or minimum 3/4" bolt) **(b)** A rear cross brace must be installed behind drivers seat, if the truck is a single cab it can be positioned in the bed as close as possible to the cab. must be made of a minimum 3" pipe or square tubing, with plates welded on the ends. The end plates may not extend more than 15" past cross bar (towards rear of Truck). The cross brace must be bolted with minimum of two (2) 3/4" bolts per side, extending through the side irons. If the cross brace is collapsible, it must be pinned with a 3/4" bolt (minimum) or welded so it can't rotate. **(c)** All Trucks must have a minimum of 1 upright (vertical) post. Upright must be located directly behind the driver's seat. The upright must be made of a minimum 2" pipe or square tubing with a minimum 4" x 4" plate welded to the top. The upright will extend from the roof to the cross bar, or to the floor and be located as close to the seat as possible. It must be attached with minimum of two 3/8" bolts on each end. Note: If using a two-piece upright, the female end should be above the helmet level, unless the upright is welded or solidly pinned with a 3/4" minimum bolt. Optional: May add 2nd upright on passenger side of vehicle. **(d)** Both front doors must be reinforced with a minimum 8" wide, 3/16" thick channel iron. The side iron must not be more than 6' in length and must begin ahead of the front door seam and be no more than 6" in front of the front door seam. The iron must be bolted with a minimum of three (3) bolts (3/4" min) that extend through the inner panels. Backing plates (washers) must be used and must be a minimum of 6" x 6" x 3/16" thick on both front and rear ends of the door bars. The ends of the side irons must be cut at a 45-degree angle.

Section 5 Seat and Seat Belts a 2" minimum flat washer where it is mounted through the sheet metal. **(b)** Seat can be OEM stock of any make/model car (Honda Prelude/CRX seats not recommended). Put a headrest on upright behind the seat if seat was not equipped with a headrest. (Mandatory) **(c)** No fiberglass/plastic racing style seats

Section 6 Building, Welding & Securing

THERE WILL BE NO OTHER WELDING OTHER THAN WHAT IS STATED BELOW.

IF YOU HAVE A QUESTION ABOUT WELDING, PLEASE CALL THE HEAD TECH OFFICIAL!! IF WELDING IS FOUND ON THE FRAME OR SHEET METAL THAT IS NOT SPECIFIED BELOW, YOU WILL BE ASKED TO CUT OR LEAVE! **(a)** Doors: You may fully weld the doors. You may use filler no larger than 2"w X 1/8"t or 3/8" re-bar or equivalent. If bolting the doors shut, you may use up to 4 1/2" bolts per door. If chaining the doors shut, you may use 2 chains, no larger than 3/8" per door. **(b)** Tailgates and hoods must be secured shut with bolts, chains or welds as follows: **(c)** Hoods can be bolted in a maximum of 6 places other than stock. Bolt size must be a minimum of 5/8" and a maximum of 1". Only 2 bolts, in an area on either side of the radiator can extend through the frame. MAX plate size is 6" x 6". Bolts must not exceed 4" above the vehicle surface. HOODS MUST BE OPEN FOR TECH!!! NO EXCEPTIONS **(d)** Chains must be a minimum 3/8" & maximum of 1/2" welded type. A bolt no smaller than 3/8" & maximum of 1/2", with washers, must connect the chains. **(e)** Tailgates may be fastened in a maximum of 6 places using chains, bolts or welds of which only 2 may go to the frame. Welds cannot be more than 6" long or if using flat plates, they must not exceed 6" x 2" x 1/8" in each place. If bolting, plate size cannot exceed 6"x6" All thread (1" max) may go through frame or be welded to the side of the frame. **(f)** Bumper swaps are allowed, however you must use factory hardware (brackets/shocks) that came with the car you are putting it on. Any questions....call tech. **(g)** Front and rear bumpers may be welded to the frame, Brackets must remain stock to the vehicle you are running. No extra metal. **(h)** Bumper shock itself may be collapsed and welded. No added material. **(i)** No welding to the frame unless listed above!

Section 7 Window / Window Screen

(a) A protective screen of ½" wire mesh or smaller may be installed in front of the driver. A Truck with a sunroof is allowed as long as the opening is securely covered with sheet metal and deemed safe by tech officials. **(b)** One "strap"(max 2) 3/16" thick x 2-1/2" wide flat stock down the center of the windshield from top to bottom. Window bar(s) must be bolted with a minimum of 5/16" and maximum of 1/2" bolts. Window bars CANNOT be welded in place. No sheet metal screw allowed to fasten window bars. (you may also use chain as window protection)

Section 8 Radiator

(a) No cooling system other than stock is permitted. Radiators and/or fans can be removed. Expansion tanks must remain in engine compartment as close to the stock location as possible. Radiator support or radiator attachment will be no stronger than stock. Tech decision is final **(b)** Transmission coolers other than stock, if used must be in an enclosed box inside the vehicle. Transmission coolers and all hoses must be leak proof. No screw type clamps on any transmission hose connections inside the car. **(c)** Transmission coolers may NOT be bolted to the frame in any fashion. Transmission coolers are NOT to be used as a kicker to keep the frame from dropping or moving forward or backward!! Subject to Tech Approval

Section 9 Motor Mounts/ Suspension

(a) Motor mounts and transmission mounts may be strengthened with bolts, welds or chains. Motor straps welded to the frame and bolted to the motor are allowed. Straps can be a maximum thickness of 3/8" flat bar and 2" wide only and are limited to 2 straps each side. Engine straps may go no further than 3" in front of forward most part of the cylinder head and no further back than 3" past the rearward most part of the cylinder head. Engine supports may be used as long as they are not reinforcing the frame. Any questions call a tech official. Most Engine cradles are not allowed!! Call before you decide to use one!! **(b)** Any 5 or 6 lug rear end may be used or if it came oem on that truck 8 lug. **(c)** Lower/upper control arms maybe shortened or lengthened to achieve pinion angle. You may NOT reinforce the rear end control arms (trailing arms). **(d)** Leaf conversions are NOT allowed. Suspension must remain stock. Maximum of 9 leafs.

Section 10 Distributor Plates

Distributor plates, no more than 10" may be used. If using motor plate, the 2 may NOT be connected.

Section 11 Exhaust

Stacks must be a minimum of 18" from exhaust port.

Section 12 Carbs

You must have either an air cleaner or suitable flame arrestor. Two large holes, at least 6" in diameter, must be put in the hood for fire extinguisher access. Stack holes are acceptable for fire access holes. No alternative starting methods i.e. stating fluid etc....

Section 13 Brakes

Cars must have a minimum of two working hydraulic brakes.

Section 14 Tires/Wheels-Tie-Rods

(a) Any tire may used. Doubled and forklifts are ok. Tires must be filled with air and air only. **(c)** Wheel wells may be trimmed. No shackles or reverse spring shackles will be allowed.

Race Procedures and Drivers Safety

1. Absolutely no arguments or disrespectful behavior from drivers or pit crew toward the judges will be tolerated. The concerned car will be disqualified from the event.
2. All drivers must have a red construction style flag at least 12" x 12", mounted on a 24" doweling. When out of action, flag must be installed in holder. If injured or on fire, flag should be waved to signal official.
3. Officials will start and stop all events. OFFICIALS WAVING FLAG OR SOUNDING HORN MEANS STOP.
4. You are allowed one (1) fire in an event. 2nd fire and you are done
5. During any race, if a driver leaves his/her car or removes seatbelt for any reason other than a fire, they will be red flagged for that event.
6. If a car rolls over, the event will be stopped to push the car back on its wheels, if possible. The car will be red flagged for the remainder of the event.
7. You must hit another qualifying car every two (2) minutes. One minute in final races. Cars can be disqualified for hitting cars marked out of action. Sand baggers will be severely dealt with.
8. A driver intentionally hitting a driver's door WILL BE WARNED OR DISQUALIFIED.
9. A driver will be disqualified from all events of the day if any of his/her pit crewmembers enters the racetrack during an event.
10. If for any reason a car goes outside the arena or over the barrier during an event it will be red flagged for that event.
11. We reserve the right to refuse entrance to anyone or to remove anyone at anytime from the premises, or suspend any contestant for one or more years for rule violation.
12. You are responsible for your cars and pit areas. Anyone caught tampering with cars or stealing from other pit areas will be disqualified from any and all races.
13. All drivers must complete an entry form.
14. All drivers drive at their own risk of injury. All pit crewmembers in pit area are there at their own risk.
15. You are required to have your car in the pit area for inspection no later than 4:30p.m. On the day of the derby.
16. You will be required to be at the driver's meetings one hour before the start of shows.
17. It is your responsibility to know which heat you are racing in.
18. You are required to keep the pit area around your car clean.
19. You are allowed to keep one (1) vehicle in the pit area along with your Demo Car.
20. If you find another car in violation of any rules or regulations it must be submitted in writing by the car driver listing the rule or regulation in question to an official.
21. Each driver and/or assistant in the Demo Derby will sign a Skagit Speedway indemnity clause release form, releasing the Skagit Speedway from any and all liabilities and or damage to each person or car.
22. Only one (1) car allowed per driver.
23. No tee tops.
24. No plaster or thick bondo.
25. Any participant, friend, or relative of a participant who brings legal action against Skagit Speedway agrees to pay any and all costs incurred for any legal action.

DRIVER SAFETY

- 1) Fire suits are mandatory.
- 2) All drivers must wear approved racing helmets that fit properly and have a chin guard and face shield.
- 3) Consumption of beer or alcoholic beverages in the pit area or being under the influence of beer or alcoholic beverages in the pit area is prohibited until the entire racing event is finished.

Contact:

Skagit Speedway 360-724-3567

Skagit Speedway Tech official: Staff



SKAGIT SPEEDWAY DEMO DERBY

Saturday Night June 21st 2014

1-9 trucks = 1st Place - \$1,000 / 2nd Place - \$500.00 / 3rd Place - \$300.00 / 4th Place - \$100.00
5th, 6th \$50

10 plus trucks = 1st Place - \$1,200 / 2nd Place - \$600.00 / 3rd Place - \$350.00 / 4th Place - \$125.00
5th - \$75 / 6th 7th \$50 / 8th 9th - \$50

No heats or mains. Demo Derby ONLY following Sprint and Outlaw Hornet Races
Pit gates open at 4:00 p.m.

Entry Fee: \$ NO CHARGE / Pit Pass \$30.00

For further information call the Skagit Speedway Office 360.724.3567

www.SkagitSpeedway.com

Demo Derby Entry Form

No one under the age of 14 is allowed in the pits.

Minors 14-17 MUST have release signed by both parents.

Long pants and closed toes shoes only.

Driver: _____

Owner: _____ SS # _____ - _____ - _____

Address: _____

City: _____ State _____ Zip _____

Phone: (_____) _____ - _____

Car # _____ Make _____ Model _____

Please fax or email your entry form to: 360-724-7223 or ryannoot@gmail.com

MAKE CHECKS PAYABLE TO:

Skagit Speedway

Mailing Address: P.O. Box 911, Burlington, WA 98233