



2023 4 Cylinder Chain and Go Demo Rules

Evergreen Speedway, Monroe, WA

Effective 03/01/2023

NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS.

These rules are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator, official or others. Track Officials shall be empowered to permit minor deviations from any of the specifications or impose further restrictions that, in their opinion do not alter the minimum acceptable requirements.

NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATIONS OF SPECIFICATIONS.

Interpretation of or deviation from these rules is left to the discretion of the officials. Their decision is final. It is the responsibility of the driver to ensure their car conforms to all rules and regulations at all times.

Explanation

The Chain and Go Demo Derby Class is designed to be a entry level class to promote greater interest in demo derbies and to give new people a class to compete in on a limited budget. The cars in this class are meant to be stripped, prepped with safety gear and brought to the track to demo. These rules specifically state what can be done to the vehicle. **There are no gray areas. If it doesn't say you can, then you can't.**

A. Competing Models

1. Any factory 4 cylinder car with a max wheel base of 106"
2. No mini vans, SUVs, Pickups or AWD vehicles

B. General Preparation

- 1.** All Glass must be removed.
 - a. All loose glass must be cleaned out.
- 2.** Front windshield may be replaced with expanded metal.
 - a. Must have 2 vertical braces for support in center.
- 3.** Car exterior must be stripped of all molding, headlights, trim, tail lights etc.
- 4.** All Flammable material must be removed from interior. Head liner, rear seats, door panels, carpet etc.
- 5.** All vehicles must have a roof sign showing their number on both sides. Minimum of 15" x 15".
 - a. Must not strengthen the car in any way.
- 6.** Front seat must be securely fastened to the floor. These bolts may not go through the frame.
- 7.** 5 point safety harness is required.
- 8.** Hoods may be chained or wired shut only. 6 places maximum. 3/8 chain or 2 wraps of #9 gauge wire maximum.
 - a. 2 of the hood chains or wire may be looped around the front bumper.
- 9.** No re-bolting of hood skins
- 10.** Exterior driver's side and Passenger's side door bars required.
 - a. Minimum 8" wide x 3/8" thick channel iron.
 - b. Door bars must extend a minimum of 3" past the door seams and no more than 6" past the door seams
 - c. Door bar must be secured with a minimum of 3/4" bolts and have 4" x 4" backing plates
- 11.** A rollover post (bar) is required.
 - a. Minimum of 4" x 3/8" thick pipe or square tubing.
 - b. Must have a 4" x 4" plate welded top and bottom.
 - c. One 4" x 4" backing plate must be bolted under the floorboard and the through the rollover bar.
 - d. One 4" x 4" backing must be bolted on top of the roof and through the rollover bar
- 12.** Dash bar is required in place of the dash.
 - a. It may be bolted or welded in place from the base of the A-pillar from driver to passenger side.
- 13.** Rear Spreader Bar is required.
 - a. Must be securely bolted to the outside door bars with a minimum of (2) 3/4" bolts on each side.
 - b. Must attached to the upright rollover post (bar)
 - c. An H style rollover/rear spreader bar is highly recommended.
- 14.** Trunk lids may be chained or wired shut only.
 - a. 3/8 chain or 2 wraps of #9 gauge wire maximum
 - b. 6 places maximum.
 - c. 2 of the trunk lid chains or wire may be looped around the rear bumper
- 15.** No welding other than what is specifically stated in these rules.

C. Frames

1. Engine mounts may be welded to the K-member
 - a. No added metal. May not strengthen the car in any way.
2. No other welding on the frame is allowed.

D. Brakes

1. All cars must be able to demonstrate the ability to stop at any time. If your brakes do not work, you will not compete.

E. Tires

1. Any tire allowed. Dot, Forklift, Skidsteer etc.
2. Must be mounted on stock style rim.
3. Maximum 7" wheel centers are allowed.
 - a. No full centers or lip guards
4. Tubes are allowed.
5. Valve stem protectors are allowed.

F. Bumpers and Bumper Brackets

1. No welding of the bumpers or bumper brackets is allowed.
2. Must use factory bumper and brackets for the car you are competing in.

G. Rear Ends and Drive shafts

1. No rear end swaps allowed
2. You may weld the rear end spider gears
3. Stock Style drive shafts only. No sliding type drive lines allowed

H. Engines

1. No transmission cradles or protection allowed.
2. No engine cradles allowed.
3. No distributor protectors allowed
4. You must run a properly installed air cleaner at all times
5. Stock Engine mounts may be welded.
6. May use (1) tie-down chain on each side of the engine.
 - a. May only go from the engine to the factory K-member (not the frame rails)
 - b. Maximum 3/8" chain size

I. Batteries

1. Battery must be relocated to inside the cab
2. Battery must be fully enclosed in a box made of metal
3. Battery box must be securely fastened to the floor
4. Lid must be securely fastened shut
5. No bungee cords or ratchet straps may be used to secure battery box or lid

J. Fuel System

1. Stock fuel tank must be removed from OEM Location if located behind the rear end.
2. No plastic tanks of any kind. No metal boat tanks.
3. Maximum 8 gallon tank.
4. Tank must be securely fastened to the floorboards of the vehicle
5. Tank cannot be bolted through the frame at all
6. It must be mounted as close to the center of the car as possible
7. Tank mounting braces/brackets cannot be used as a kicker of any kind. Must maintain a minimum of 6" of clearance between any fuel tank mounting brace and any surrounding metal.
8. No metal fuel lines inside cab
9. Rubber fuel hose ran inside the cab is required to be ran inside a larger diameter hose
10. Hydraulic hose is highly recommended for all in cab fuel lines
11. All fuel lines must be double clamped
12. Electric fuel pumps are allowed. They must be covered and have a clearly marked on/off switch

K. Cooling system

1. Water only. No antifreeze or ethylene glycol allowed
2. Radiator (if used) must remain in the factory installed location
3. If the radiator is removed, you can loop the hoses together. No added expansion tanks
4. No other cooling system modifications allowed

L. Suspension

1. Suspension may not be modified in any way.
 - a. Front and rear suspension must be OEM for the make, model and year of competition car.
 - b. Car must bounce on all 4 corners
 - c. No reinforcing of any suspension components
 - d. No Spring spacers or double springs
 - e. You may use (1) piece of 3/8" chain on each side of the rear end, That goes around the frame "hump" then around the rear end

M. Safety

1. Driver must wear helmet, seat belt and eye protection at all times during competition.
2. Full length pants and long sleeve shirts are required. A multi-layer fire suit is highly recommended.
3. Driver must remain in vehicle with all safety equipment on until directed by a track official to exit the vehicle. (fire is the only exception)
4. No hot rodding in the pits

N. Technical Inspection

1. It is your responsibility to show up with a legal car
2. It is your responsibility to report to tech. Failure to report to tech or competing in any event with a car that has not been inspected will result in immediate disqualification and a monetary fine
3. Hood and trunk lid must be opened for inspection.

4. Protests are not allowed. Official's decisions are final

O. Competition Rules

1. You must make an AGGRESSIVE HIT every 2 MINUTES.
 - a. Sandbagging will not be tolerated.
2. Time limits for the FINAL 2 COMPETITORS.
 - a. Must make an AGGRESSIVE HIT EVERY 1 MINUTE.
 - b. After 10 minutes of just 2 cars left in competition, A tie may be called by Officials.
 - i. 1st and 2nd prize money will be added together and disbursed evenly between the 2 remaining competitors.
3. You will be given ample time for restarts. 90 seconds max.
 - a. We do not use the clock exclusively; Hitters get more time than sandbaggers.
4. Team driving will not be tolerated.
5. Any open door may be cause for disqualification.
6. Driver's door hits are illegal.
 - a. Any driver's door hit deemed intentional will be cause for disqualification.
 - b. Repeated unintentional or careless driver's door hits will be cause for disqualification.
 - c. Official's determination is final.
7. Intentional or repeated unintentional use of your driver's door as a defense may result in disqualification.
8. You are allowed 2 fires. The third fire will be cause for disqualification.
9. Intentional or repeatedly exiting the defined area of competition may result in disqualification.
10. All cars are required to have a bright colored stick or flag firmly attached to the driver's side a-pillar
 - a. You must break your stick or pull your flag if you are unable to continue competing OR if you are directed to do so by an Official.
11. Obey the Officials commands.
12. **Have Fun and Put on a Great Show for the Crowd!**

Rules questions may be directed to

Steve Peters @ 425.770.3031 or Russ Stotler @ 206.349.4017