

## **Figure 8 Trailer Race Rules**

Trucks, cars, vans, and if it has 4 wheels and a hitch you can run it.

### **Vehicle Preparation**

#### **ABSOLUTELY NO:**

- Changing or taking out mounts (Body mounts have to be **stock**)
- Holes larger than 3" through fire wall
- Welding on frame of any kind
- Foul language on car
- Homemade bumpers

#### **Items that MUST be removed:**

- Air conditioner must be discharged

#### **Building a Safe Competitive Car:**

1. The tech judge's decisions will be final.
2. There will be no welding on the car EXCEPT where specified – even as a field repair.
3. There will be no reinforcement EXCEPT where specified.
4. If it does not say it is allowed, then it is NOT allowed.
5. All vehicles will be checked for working brakes (\*\*you must be able to stop the car\*\*).
6. Mandatory seat belt – Lap belt is the minimum requirement.

#### **Engines, Transmissions, and Differentials:**

1. May be interchanged, but must remain in stock position.
2. Motor mounts and transmission mounts may be chained welding to frame allowed rubber mount must remain stock.
3. Shifter type optional.
4. Differential may be locked.
5. Firewalls can be hammered back for distributor clearance. No cutting out of firewall for adjusting timing.

#### **Steering and Suspension:**

1. Steering must be stock and in stock position. NO alteration or modification allowed.
2. You can put spacers in sagging coil springs to get your height.
3. You can wire or weld coil springs to rear-end housing only to prevent springs from falling out.
4. Leaf springs must be stock and if clamped only 2 per side for a total of 4 clamps on both springs.

#### **Paint and Body:**

1. If two cars are entered, the paint jobs must be visibly different (cars must be easily differentiated). Roof signs are acceptable but MUST be bolted securely.
2. Factory body mounts only, no modifications.
3. Roll cage is optional, must not be attached to frame or reinforcing the structure of the car.

\*No profanity as decoration\*

**Doors and Door Reinforcements:**

1. Doors must be chained, bolted or welded shut.
2. Optional - Driver door can have a door bar bolted at medium height with minimum three  $\frac{3}{4}$ " bolts. This door bar must be a minimum 6" C-channel, maximum length of bar, 6'6". Passenger door may also be fitted with a door bar the same way.
3. Optional - Dash bar extending door to door above steering column, must be bolted with  $\frac{3}{4}$ " bolts or larger with steel plates on outside of the door C channel.
4. Optional- Head post from the floor to the top of the roof supporting the driver seat must be bolted with a minimum of 3 bolts top and bottom and MUST be padded- in case of rollover.
5. Optional – one bar running from pillar to pillar behind driver.

**Hoods/Trunks:**

1. Car hoods and trunk hoods are mandatory.
2. Hoods and trunks must be chained or bolted with ready rod.
3. The hood may have up to four ready rods each, two through the frame and two through the body using large washer plates that do not exceed 6" in diameter. The trunk can have up to four. Two can go through frame.
4. Welding of the trunk is permitted
5. No bolts allowed ahead of the front rad support.

**Cooling System:**

1. Must remain stock. Rad may be wired or bolted in stock location.
2. Anti-freeze MUST be drained and filled with water only.
3. Fan type optional. No metal flex fans allowed.

**Air Intake and Exhaust System:**

1. Must have an air cleaner assembly with a filter element to act as a flame arrestor.
2. Exhaust must exit the engine compartment through the hood or out the bottom – manifolds alone are NOT enough.

**Engine and bumpers:**

1. May be interchanged
2. Maximum  $\frac{3}{16}$ " flat iron plates allowed to hold bumpers on.
3. Bumpers may be trimmed.
4. Bumpers may be welded to bumper brackets and bumper brackets to frame. NO other reinforcements allowed.

**Tires and Rims:**

1. Any size rim that fits the bolt pattern. Rim CANNOT be altered, modified or reinforced.
2. NO split rims are allowed.
3. Valve stem protectors and tubes are acceptable.
4. Maximum tire height is 31"
5. No studded tires or tractor tires.
6. Air only in tires. NO additives, liquids, solids, or fillers.
7. Wheel wells may be trimmed and bolted for clearance with a maximum of 3 bolts no bigger than 1 inch.
8. All wheel weights to be REMOVED.

## **Fuel System:**

1. Fuel leaks or potential leaks will NOT be tolerated.
2. Fuel tank can be boat, snowmobile, or fuel cell and must be located in the rear seat area of the car, securely mounted with nuts, bolts, washers, metal straps, or ratchet straps. NO screws or bungee cords.
3. A hole/holes must be cut in the floor near, around or under the tank for drainage.
4. MUST have floor pan plugs removed.
5. Fuel lines entering through the firewall into the passenger compartment must be approved. Metal lines securely fastened with short rubber connections are acceptable.

## **Trailer Construction**

All camper trailers must be stripped of all interior parts, such as, stoves, sinks, furnaces. All glass must be removed.

Overall trailer length must be a minimum length on ten feet (10') measured from the hitch ball socket. Suggestions are travel trailers, pop-up tent trailers, and boat trailers. Pop-up trailers must be raced in the fully extended (popped-up) position. Boat trailers must have a boat on it and the boat must be secured to the trailer. 13-4.2 All windows and other glass must be removed. Props (such as life preservers, soft toys, balloons, seat cushions, etc.) are allowed, but must pass safety tech inspection. 13-4.3 Trailers must be completely cleaned out on the inside, removing everything that is not part of the unit; i.e. pots and pans, trash, household items or anything that is not a permanent part of the trailer as manufactured. All appliances and heating/cooling units must be removed. Flatbed trailers must be loaded. No excessive screws or nails can be used. Be creative, themes are what makes this event a "fun" race. 13-4.5 The fuel tank and/or propane tanks must be removed. 13-4.6 Ballast weight may not be added. 13-4.7 Vehicles and/or trailers with excessive dragging parts (flat tires, bumpers dragging, no tires on trailer, etc.) will be black flagged. Ignoring the black will result in immediate ceasing of racing. 13-4.8 Drivers may not get out of vehicle and re-connect their trailer once the race has started. 13-4.9.

Hitches may be welded closed.

No safety chains can be used.