

# Stock Demolition Derby Car Rules

**All cars must remain stock.** Small cars must have a wheelbase of 104.9" or shorter. **No** AMC, Volvo, convertibles, ambulances or hearses permitted.

For **minivan** class only front wheel drive vans are permitted. No all wheel drives allowed.

## General:

- All glass and plastic must be removed including windshields. Remove everything from the bottom of the doors and trunks. All hardware must be removed including headlights, taillights, door handles; mirrors, chrome, molding, fiber glass, any trim, hitches, etc.
- **ABSOLUTELY NO** added weight or metal to the car. No buffing, grinding or packing the frames/subframes, trunks, doors, bumpers or under the floor or anywhere else on the car
- Mufflers, convertors, gas tanks and exhaust systems must be removed
- Air condition pumps may remain only if required for drive belt routing and system emptied
- OEM body to frame mounting hardware permitted only
- No 2 piece drive shafts allowed, only use one piece drive shaft, OEM style. If driver's car has a factory hanger bearing style it will be allowed
- Anything not specifically mentioned in these rules, must remain stock
- Optional exhaust routing (e.g. may run stacks through hood)
- No halo bars
- No bolts permitted through the frame/subframe of the car, i.e. gas tanks, battery boxes, trunks, hoods, etc.

## Tires:

- **ONLY** passenger ("P") or light truck ("LT") tires are permitted (Maximum 235/16 and under)
- No studded tires, implement/skidster or equipment tires allowed
- All wheel weights must be removed
- No bolting of wheel wells
- Wheel well may be cut but no sharp edges
- Tires must be filled with air only (no double tires, no filling with rags, foam or any other substance except air)

## Bumpers:

- No Bumper swaps allowed
- Must remain stock and in stock position
- No welding or reinforcement
- Secure bumper with chains
- May cut a hole in front and rear bumpers to run a chain through or wrap around bumper
- If bumper ends are cut, bend bumpers in if there are sharp edges
- No welding bumper shocks

## Doors:

- Doors must be bolted and chained shut using
- Driver door must be painted white with ID number clearly painted on it
- Driver door bar is mandatory, passenger door bar is optional

- Driver door bar is approx. ¼ " C channel, 8" wide and may extend up to 6 inches on either side of door seams (No grader blades allowed)
- Driver door *may* have netting where glass was removed
- Cars may run chains from the roof to the doors, where the door pillar would be on the driver's and passenger's side

### **Radiators:**

- Radiators must remain stock and in original position and may contain water only (no coolant or antifreeze)

### **Transmission Cooler:**

- Transmission cooler may be under the hood **or** in the driver's compartment. Transmission cooler may be cooled with normal ice.
- Cooler must be mounted securely in back seat area

### **Hoods:**

- Hoods must have 2 holes up to 12" x 12" on both sides of carburetor for fire purposes. May bypass the radiator
- To secure the hood may use maximum 4 bolts (Maximum 1") and 2 chains, single loop
- Bolts **cannot** go into or on the frame/subframe of the car
- No hood bolts can pass through or on the bumper
- Hoods must remain stock, in stock position and mounted to stock hinges
- Must have a hole to expose air breather

### **Trunks:**

- To secure the trunks may use maximum 4 bolts (Maximum 1") and 2 chains, single loop
- No wrapping of bumper shocks
- No bolts can pass through or on the bumper
- Maximum washer plate is 5 x 5 x ½"

### **Engine and Transmission:**

- Motor changes permitted to remain stock (e.g. may use a chevy motor in a chevy car, dodge motor in dodge car, etc.)
- Motor mounts may be chained or welded
- No truck rear ends allowed
- Differentials may be welded to make posi

### **Brakes:**

- All cars must have working brakes. This will be checked before entering the track

### **Interior:**

- All seats and trim must be removed from the interior of the car, except the driver's seat
- The driver's seat must be securely mounted to the floor
- All cars **must** run a cross bar behind the driver's seat from one side of the car to the other using a maximum 4 inch tubing/pipe and fastened to plates on either side maximum 6" x 6"

- May install a head post behind driver's seat mounted from floor to roof
- Dash bar optional – bolted to steel metal/body only A pillar area, not bolted to frame

### **Windshields:**

- The windshield must be removed and in front of the driver's seat area must securely fasten metal mesh or 3 bars for the driver's protection

### **Batteries:**

- May use 24 volt set up (maximum 2 batteries)
- Batteries must be in a wooden or double strapped box on passenger seat/floor area securely mounted to the floor and covered with a splash guard
- Must have on/off switch

### **Gas Tanks:**

- Original gas tanks must be removed from the car
- Use a metal boat tank (no jerry cans) securely mounted in the rear seat area
- Use only gas lines made for gasoline
- Protect rubber fuel lines with a piece of heater hose when it passes through the floor or fire wall
- Electrical fuel pumps must have an on/off switch clearly marked within driver's reach

### **Suspension:**

- Suspensions cannot be modified, including tie rod ends and ball joints
- Shock overload must be cut
- No adding reinforcements
- Rear end coil springs can be chained to the differential, not to body in anyway
- OEM leaf springs clamps can be used, maximum 2 per side
- No hose clamps or muffler clamps allowed on leaf springs
- No truck leaf springs allowed

### **Welding:**

- There is **NO WELDING** permitted on the car
- The *only* exception is driver may choose to weld motor mounts and differentials to make posi

### **Painting:**

- Driver's door must be painted white
- Driver's number must be clearly painted on each door at least 12 inches in height
- Driver's ID number on the doors must be in good taste and family show friendly
- No white cars allowed
- No foul language or offensive words will be allowed on the cars

**If the rules don't say you can do something to your car, then don't do it**

***Judges' decisions are final and are based on drivers' safety as well as making sure that one car doesn't have an unfair advantage over other competing cars***