

# Mini Van Demo Derby Rules

## COMPACT FRONT WHEEL DRIVE VANS DERBY 4 & GCYL(STOCK)

IF YOU SPEND MORE THAN 3 DAYS ON THESE BUILDS -YOU ARE PROBABLY OVERBUILT

Driver Rules: All Work Must Be Done Before Entering the Pits!! **Sandbagging will NOT be tolerated !!**

1. Drivers doors hits may result in loss of placing, payout and/or the ability to race in the next event if they are deemed by the officials that you could have avoided it.
2. All of the drivers body parts must remain in the vehicle at all times while the event is going.
3. Do not build your car in the pits
4. You must make an aggressive hit every 2 minutes or you will be timed out
5. You are allowed 2 fires, if you have a 3rd fire your time will stop and that will be your placing based on your time.
6. After you pass tech your vehicle must be lined up in the heat that you are placed in. (do not go back to your pits)
7. You must wear a helmet, safety glasses, long sleeve shirt, long pants and closed toed shoes.
8. Demo derbies may consist of 1 and done or heats and feature.
9. Open to any year- 4or6 cylinder front wheel drive minivan.
10. **These are stock classes.** Vans must remain stock. NO body creasing, folding, bending or shortening.
11. **IMPORTANT!!** All glass must be removed and swept from vehicles. Trim, door handles, plastic bumper covers, grill, head lamps and tail lamps must be removed **BEFORE ARRIVING TO SHOW.** You must have a chain or 9 wire from roof to dash area. Sunroof openings must be covered. You may use any seat including racing seat.
12. **AIR BAG SAFETY SYSTEMS** (this includes activation charges) must be removed. If airbag or activation charge is
  - a. deployed during heat you may be disqualified.
13. You must have 6" x 6" hole cut in hood for inspection. Under hood insulation must be removed.
14. Hood & rear hatch/door may be fastened with chain or wire, maximum of 6 spots. 2 of those 6 spots to bumper max. Rear hatch/tailgate may be removed.
15. Hood may be chained or 9 wire only, up to 6 places, no all thread, bolts or pins on hood or rear door/hatch.
16. Stock gas tank can remain in stock location if in front of rear axle. If the tank is not in front of the rear axle it must be removed to back seat area inside the car. Factory tank and pump can be used. Any gas tank inside the car must be securely fastened and covered. ANY leakage will lead to disqualification. All fittings and fuel lines must be leak proof. Must use high pressure line and fittings. It's recommended you add 2 additional straps to stock tank. If running a factory gas tank, a battery kill switch must be located within the driver's reach and must be clearly marked On/Off. If running a factory fuel tank, a maximum 5 gallons of fuel is allowed ifl the tank.
17. Battery may be mounted in position of your choice and needs to be secure and covered. If in stock location battery must be covered with rubber floor mat and spray foam may be used to protect battery.

18. Stock exhaust may be cut off under vehicle behind front seat- it must remain under vehicle- no exhaust through hood.
19. Must have brakes that work.
20. Stock suspension - no modifications -period!!
21. Frames- no welding of any kind. No pre-bending.
22. If you do not have a bumper you may use a max 5"x5"x1/4" square tube, it must remain open ended and straight. It cannot extend more than 10" from the outside of the frame. Only one Tube allowed, You cannot weld two tubes together to achieve 5"x5"
23. Engine & transmission must be stock make & model of vehicle.
24. You may relocate ECM computer and spray foam.
25. Engine & transmission may be chained or wired in 4 spots MAX. No welding. Upon inspection tech decision will be final.
26. No skid plates, no radiator protection. You may use spray foam, seat belts or tie wire to hold radiator in.
27. All vehicles must have five (5) lug nuts and five (5) lug studs on each wheel. 1" racing lug nuts strongly recommended. Supporting rim center is not allowed. If it came with 4 then it needs 4.
28. Tires must be of OEM nature. No cut tires, no studded snow tires, no exotic tire. Stock radial tires ONLY. Winter Force, Blizzard Grip, Mud terrain or all terrain type tires will be allowed. You may tube. Donut spare may be used on back. No small after market rear tires. Decisions of tech staff are final. All wheel weights must be removed.
29. No welding of doors. The driver's door must be padded on the inside. Both driver's door and passenger door must have a minimum of 8" channel iron. No more than 12" past the back of the door. No more than 6" past the front of the door.
30. Pre-ran vehicles that are damaged- you may fix broken, rusted or damaged parts, you may not make any stronger than how it came from factory. Tech will make final decision on repairs.
31. Rear parking brake cables must be cut.
32. Rear end may NOT be chained down.
33. All trailer hitches and associated parts must be removed
34. These rules supersede any and all rules previously used - there are NO gray areas. Rules, payouts & dates are subject to change without notice. THE DECISION OF THE JUDGES, TECH AND OFFICIALS WILL BE FINAL!

## **SAFETY BRACING**

1. A single front cross brace must be installed above the steering column from window post to window post. (in the former position of the dashboard) This front cross brace must be 5" minimum away from the firewall and distributor protector. All attachments must be 6" off of the floor and 4" off of the

transmission tunnel. It must be made of 2" diameter pipe or square tubing and securely fastened into place. ( the dash bar is a single bar that has nothing sticking off of it other than a flag holder.)

2. All cars must have a door bar on the drivers and passenger doors. They must be securely fastened to the car so that they do not come off.
  - I. Outside door bars minimum 8" wide 3/16 thick, max of 14" wide 1/2 " thick, and no longer than 6'. Each door bar must be securely fastened to the car using a minimum of (3) 3/4 bolts that extend through the inner panels of the door, with a 4"x4" backing plate. Door bars may be welded to the sheet metal, and they cannot extend any further forward than 6" in front of the front door seam. With a 45 degree bevel on each end.
  - II. door bars may be ran on the inside of the car instead of the outside. They must be a minimum of 4"x4"x1/4 tube or a minimum 8" wide 3/16 channel iron, or a max of 14" wide 1/2 thick channel iron. The door bars must be 6" off the floor minimum and cannot be further forward than 6" in front of the front inside door seam and no more than 6' in length. The inside door bars must be securely fastened in place to keep them in place(either by welding them to the body or by bolting), Door bars are straight pieces with no down bars they must be 6" off the floor. If Running a inside cage you must have a door skin on the outside of the drivers door 1/8" thickness welded to the door. Drivers door only.
3. Every car must have a single rear cross brace that goes from door to door, as close to the door post as possible, and at least halfway up the door from the floor. (you may use a max of 2 crossbars but they must be vertical of each other) the rear crossbar must be a minimum of 3" diameter 1/8 wall tubing with end plates welded on either end. End plates cannot be extended further back than the door bars.
4. All cars must have 1 upright (vertical post) for rollover protection, having 2 uprights is highly recommended. The upright must be attached to the crossbars.
5. A halo will count as your upright, it must be attached to the crossbar, it can be welded to the sheet metal but cannot be attached to the frame.
6. If just running a single upright it must be placed directly behind the drivers seat from floor to roof. Optional you may run a second one on the passenger side.
7. In Lieu of outside Channel Iron, You may use Inside door bars. They cannot exceed 6' in length. And no more than 6" in front of front door seam. Material used: You may use Channel Iron 8" minimum 3/16" thickness or 2" by 6" square tubing 3/16" minimum thickness. Drivers side must have exterior door bar. 6" minimum

## ROOF SIGNS

1. Car numbers will be painted on the signboard.
2. Numbers must be at least 18" high and a minimum of 2" thick
3. Signs must be contrasting colors such as black numbers on white background
4. If the signboard is unreadable the car will not be allowed to race until correct.

Any questions call/text Rich Eldridge 360-224-3603, John Klemann 360-318-6281 or Ben Erickson 360-599-1998

**Don't Assume, if you aren't sure text!**

**If it doesn't say you can't, it doesn't mean you can**

