

Big Knob Grange Fair 2011 Demolition Derby Rules and Requirements

General Rules

1. All drivers must be 18 years of age or older. Younger contestants must have a release signed by parents or guardians and who must attend drivers meeting with the driver.
2. Pit and driver passes will be issued only after signing a Release From Liability form. No pit passes will be sold. The pits consist of the drive and ONE helper only.
3. Unsportsman like behavior by the driver, pit helper, or your fans will not be tolerated.
4. **POSITIVELY NO ALCOHOLIC BEVERAGES, OR DRUG USE** will be permitted on the grounds. All vehicles entering the pit area will be checked.
5. The promoter reserves the right to approve or reject any applicant. All rules and regulations are to be followed all drivers and pit crew.
6. Drivers must attend a mandatory drivers meeting prior to competing in the event.
7. If a driver is caught cheating during or between events, he/she will be disqualified and will not receive any prizes or trophies. Driver will also be ineligible to participate in any of our events the remainder of the season.
8. Driver must register before the car is inspected. If the officials determine the car has too many issues and fails inspection, driver and vehicle will not participate.
9. To **PROTEST** a car. A \$300 fee is required. Protester must be a driver in the same class. Only a Feature drive can protest in the Feature Event. If the protest is valid, protester will receive \$300 back. If the protest is non-valid, the promoter receives \$100 and the driver receives \$200.
10. Driver will use the same car he/she qualified with in a heat for the Feature.
11. One minute to restart and make contact with a live car in all events.
12. Security will be on duty and will have arresting powers.
13. **NO** obscene words or graphics on the cars.
14. Cars must be inspected **ONE** hour before the event. Don't expect to run if you are late.
15. All cars must be clean for inspection. No cake mud on side and particularly under the car.
16. **NO** duct tape on doors and springs.
17. Do not paint or undercoat the inside or under the car.
18. Use of spray foam is not allowed. For padding only, regular padding may be used in drivers side door.
19. Anyone caught fighting, cursing, or using obscene jesters, will be prosecuted and banned from future events.
20. Paint car number on roof as well as both doors.
21. Stay in the car and do not unfasten safety belt until event is stopped or over.
22. After a second fire in the same car in the same event, the car will be disqualified.
23. You will be disqualified for deliberately hitting a driver's side door. Do not use the driver's door as a shield.
24. **NO TEAMWORK.**
25. Heat assignment will be at time of registration for event. You are not permitted to choose heat or switch heat after assignment.
26. **NO CHRYLSER IMPERIALS** accepted

TIRES AND WHEELS

1. Only stock wheels can be used. Valve stem protectors are not allowed. All wheel weights must be removed and no threaded through rims are allowed.
2. No oversized tires are allowed. Maximum size is 9.00 x 15. Maximum of 8 ply. No screwing tires to rims. Must be DOT tires and no bar threads allowed. NO new or used loader tire caps, wrangler bar caps, or forklift tires are allowed. Tires must have a winter grip tread.

BODY AND CHASSIS

1. Rusted cars may be repaired with tin stitch welded patches. One inch on and one inch off patch on side only. You must prove the rust. On re-run cars, fixes must be stitch weld only allowable with official's discretion. Stitch weld split seams one inch every six inches on re-runs only and no adding of metal.
2. Drivers doormat may be welded solid on the outside only and no added strapping.
3. Cars may be welded by using 3" of weld then 6" off then 3" of weld on passenger doors, trunks, and station wagon tailgates. In lieu of outside weld on station wagon tailgates, you may have 3"x3"x1/4" angle 3" long welded on the inside every 3" on the bottom only, but not both. You may not weld both inside and outside. Cars may be wired, banded, bolted and chained in the same way. Drivers doors may be welded solid if desired. Banding every 6" on passenger door & trunks. Bands no larger than 1 1/4", wide strapping 1/8" thick. Chains must be at least 1/4" but 3/8" max. No welding or bolting to bumpers or frame. No body seams may be welded. No wire from body to roof including windows.
4. A steel pipe or square tubing of 4" max, may be mounted securely from doorpost to doorpost behind the drivers seat. Do not attach bar or pipe to floor. A similar pipe or square tubing may be mounted across dash area to mount steering.
5. A steel pipe or tubing maybe welded to doorpost up through the roof with bar across the roof with no more than 2" from bottom of bar to the roof. This is for roll over safety and can be no larger than 2"x2"x1/4".
6. Two pieces of 2" tubing or pipe may be welded on the inside of the drivers door. Weld them from doorpost to doorpost, one 8" from bottom of the door and the other in the middle of door below window opening. Do not weld to roll over bar.
7. No special bracing or reinforcing of suspension or body. Front control arms may be welded to attain 22" bumper height on the bottom of the original bumper for that car. Body mounts may not be removed or altered. No over sizing or adding washers to original bolt or mount and body mounts to 1/2" max with 1 plate 3"x1/4" will be strictly enforced. Stock rubber from mounts must be visible throughout. Plate or washers may not be welded to the frame. No welding of seams. Maximum of 2" overlaps on front frame, repair at jack point allowed on rerun if it had to be replaced. Weld repairs for rerun in front of control arm must be a butt-welded. No re-welding of frame seams.
8. Shocks must be working stock shocks mounted in original location. No homemade shocks, circle track, or off road shocks. No welding of eyes.
9. Fender wells may be cur out. Inner & outer panels may not be welded or bolted together anywhere. No riveting of inner & outer fenders, hoods, or trunks.

10. Vehicles must have hood in place. Hood must have stock hinges in place and open for inspection. A max of four ¼ “ bolts with no larger than a 3’x¼ “ washer to hold down hood. To enable firemen to put out fires without removing the hood, cut two 6” holes in hood and remove the sheet metal. Make sure cooling fans are covered. Strap or wire from roof to cowl is mandatory for driver’s safety. This is the window area.

11. Bumpers must be car bumper and may be cut. No truck bumpers permitted. No extra enforcements such as bolts, washers, etc. To keep bumper from falling off, a chain no heavier than 3/8 “ with no welded links, may be bolted or welded to bumper shock. Relocation of bumper shocks is not permitted. Maximum height of 22” to bottom of front & rear bumper will be checked in three places. Maximum height of 24” on a rerun bumper will be checked in three places. ¼ “ plating no larger than 4”x4” may be welded onto bumper shock plate if different bumper is used. No protruding will be permitted. No welding on bumpers, must be able to unbolt & remove. NO WEDGED OF REAR OF CARS.

12. Battery may not be left in original position. It must be moved to passenger side floor secured in some type of battery box or some type of battery hold down and covered with a rubber mat. It must be bolted to floor.

13. No more than 5 gallons of gas allowed per heat and tank must be covered to prevent splashing or fire.

14. Radiator may not be moved and may be banned to core support.

15. Air cleaner is mandatory.

16. All cooling systems must under the hood and not inside the car. If a transmission is moved to the inside of car, the lines must be put in PVC pipe & the cooler must be put in a box covering the whole cooler.

17. To hold them in place, coil springs may be welded, wired, banded or chained by the bottom to the rear end. No coils inside of coils. Spacers will be allowed in coil springs to the max 22” bottom bumper height.

18. Brakes must work!!!

19. Separate skid plates may be welded to oil or transmission pans but are not to be more than 1” wider than the pan.

20. Two 6” holes must be cut in the trunk for inspection.

21. ¾ ton rear ends, No 1 ton permitted.

22. Air bags must be deflated or removed.

23. All cars may have 9 leaf springs on each side including the main. If a 5/16 wrench will not fit over the springs you will not run, 5/16” max thick. Two ¾ “ wide and must have minimum of 1” stair step starting from eyebolt. All springs must be mounted under the main axle tube. Springs may be clamped with factory tin clamps only, 2 behind axle & 1 in front per side. Homemade leaf springs not permitted.

24. Fire suits recommended.

25. All drivers must have approved Crash Helmets and no football type allowed. Full-face helmet or goggles are recommended for eye protection. All drivers must wear long pants & long sleeve shirt. Drivers are advised to wear leather boots & no tennis shoes allowed.

26. Remove all glass, lights, fuel tanks, chrome, door handles, mirrors, sun visors, carpeting, wipers, antennas, seats, except drivers, and all loose items.

27. Torsion bars may be used to attain to 22” bumper height at bottom of bumper.

28. No smash back sedans/wedged trunks, no folding of quarter panels over trunk lids. No pinching of auto parts. Smashing of rear quarters throughout will be considered wedged. Wagons may be smashed but an 8" opening must be left from top of gate to the roof or as wide as window opening.
29. Fresh runs max of 3" dip will be allowed. Trunk lids must remain in original location gauged from rear quarter to rear quarter. Must be able to gauge minimum of 2 places across & 2 places diagonally.
30. Hump plates are permitted on coil spring cars only and no larger than 1/4"x6" 22".

SMALL CARS & MINI VANS

1. Car or van must have gasoline engine with 6 or few cylinders. No diesels permitted in small car or van derby.
2. No sport utility vehicles. Four wheeled cars or vans must utilize only one drive shaft. Other drive shaft must be removed.
3. Battery & fuel tank must be inside car. Go by rule #12 for big car.
4. When you move the fuel tank inside the car, it must be on the driver's side and mounted securely. Any hose connection must be done in braided steel line or fuel injection hose clearly marked. All fittings must be doubled clamped. These rules are for driver's safety as fuel injection systems are pressurized and can burst regular rubber fuel line. Tank must be bolted to the floor.
5. Must have a kill switch for electric fuel pump.
6. Leaf springs max 5 leafs per side. Struts may be spaced but still move & adhere to the bumper height limit of 22" to bottom of bumper.
7. Van bumper must be mini van bumper.
8. Small car bumper must be a bumper for that model car.
9. Small car wheel base of 113" or less.
10. Tires are the same as the big car.
11. Welding may be done the same as the big car.
12. Hump plate permitted on small cars. They must be outside the frame 1/4 "x6"x22".