

# High School Demolition Derby Car Rules

Driver of the car must be enrolled in any high school. Driver will have to present student ID at tech inspection. Any driver under the age of 18 must have a parental permission slip signed to participate.

The following are the requirements for building your derby car. These are the rules. Build only to these rules. No over building at all. Tech inspectors and derby officials have the final say. You have two attempts to pass tech inspection. No trucks, vans or 4X4s will be allowed. 4 cylinder engines only no 6 cylinders will be permitted. Maximum wheelbase of 108"

1. All doors must be welded solid on the outside only, or 4 bolts or chains 1/2" in size. A steel plate can be inserted in window opening of drivers door only. Or a steel plate can be welded to outside of drivers door only. Not to exceed door opening or edges. Drivers door must be painted to stand out, preferably with a bright color. Hitting of the drivers door should be avoided and can lead to disqualification.
2. Hoods must have 12 inch cut out in the center for fire purposes. Hoods may be bolted with four 1" bolts. Front two hood bolts may contact frame by welding or bolting. On the core support only, back two hood bolts may go to a 6X6 corner plate only not to frame. Or you can use chain of 1/2" size to secure hood.
3. Front suspension must be stock OEM parts to that car only.
4. Bumpers: 5 mph bumpers are ok, you can weld bumper seams solid. NO stuffing bumpers. NO swapping, homemade brackets are ok, max size 2X3 by 3/8 by 24 inches long measured from back of bumper, welded to outside of frame only. BUMPER HEIGHTS NOT TO EXCEED 18 INCHES MEASURED FROM GROUND TO BOTTOM OF BUMPER.
5. Crossbars: door bars are not to exceed 1 inch from front firewall and 1 inch from rear wheel hump. Two crossbars may be used, one 10 inches away from front firewall and second behind the seat within 6 inches. Halo bar is ok, it can't connect to frame or floor at all. Max crossbar size 1 ft by 1/2" for door bars, 6 inches by 1/2" for cross bars. Window bars are ok, 2 inch by 1/4 inch max size and only welded or bolted to window opening only. Four window bars max for the car. Drivers area should be well padded, a fire extinguisher should be mounted on dash or front windshield crossbar aiming at driver.
6. Gas tanks: In center of car if using OEM fuel tank otherwise use metal gas can bolted or chained firmly down in back seat area.
7. All body bolts must be in stock OEM positions only. Body rubbers must all be left intact.
8. Tires: Mud and snow tires are ok, 17 inch rim maximum. Air filled only. NO bead locks, NO screws bolts or studs in tires, No bobcat, fork lift or tractor tires. 10 ply maximum rating
9. Frames: All stock OEM frames for the car. 24 inches of frame repair allowed on a previously used car, 12 inches per side. Frame repairs CANNOT touch bumper brackets at all. You may cold tilt or cut factory weld and re weld it only at crash box, NO ADDITIONAL METAL PERMITTED! Frames may be V-notched.
10. Radiators: must be mounted in stock OEM position only. NO homemade radiators.
11. Distributor Protectors are ok
12. Batteries must be moved to inside passenger seat area. They must be in a basket and ratchet strapped (use two for maximum security) to the floor board or caged and bolted to floor board, using 1/2" bolts.

## Protesting Cars

A protest may be filed at the end of the derby by a driver, \$200 will be given to the head tech inspector, you must point out exactly what is illegal about that car. IF the protest is found not valid the accused driver will get the \$200. If the accused violation is found to be to the protester will get their money back and the accused car will be disqualified.

Any questions contact:  
Ray Blankenship (775)217-8400

Track information can be found at:  
[www.rattlesnakeraceway.org](http://www.rattlesnakeraceway.org)

