

# ***ORANGE SHOW SPEEDWAY***

## **2008 Demolition Derby Car Specifications**

These rules are designed as a guideline for fair competition and are not designed to assume safety liability. Orange Show Speedway and their agents assume no responsibility for liability regarding these rules and their use. All cars will be inspected before the derby by track officials. All cars hood and trunk area will be opened for inspection. All winning cars will be re-inspected prior to leaving the arena area and before payout. No pit crew members will be allowed in the arena during the re-inspection of winning cars. Drivers can be scored down or disqualified, if they have not complied with the derby rules and/or the officials decision in tech inspections. No additional welding will be allowed on any vehicle.

The Derby is open to any American made hardtop model stock car or station wagon. NO full frame Imperials. Unitized body Imperials are only. No Trucks, Commercial Vehicles or convertibles allowed.

1. All glass, all chrome, exterior mirrors, headlights, taillights, chrome rings, emblems, grills and flammable materials must be removed. Glass cannot be rolled down, it must be removed. Rear seats must be removed. All car preparations must be done prior to coming to the event.
2. Doors must be chained and welded shut securely, welds cannot exceed one foot (12 inches) on any one side, top or bottom of all doors. Welding example: 1-12 inch weld, or 2-6 inch welds with a gap separating them, or 4-3 inch welds with a gap between the welds. Weld not to exceed four (4) feet per door total. All chains on vehicles must be at least a minimum inch chain and a maximum of inch chain. No chain can exceed 3 feet in length anywhere on the vehicle.
3. A behind driver safety bar is mandatory and may be welded or bolted behind drivers seat from side to side. A safety bar on drivers side door area is mandatory and optional on passenger side, but is recommended. The drivers door side bracing must not exceed front windshield post to no more than 18 inches behind the drivers seat. Bar may not run the full length inside of vehicle. The safety bar and crossbar bracing is allowed and recommended. Nor other bracing is allowed.
4. Trunk lids must be chained and bolted. Maximum bolt, 1 inch in diameter maximum washer size, 3 inches in diameter and no more than inch thick. Only two (2) bolts are allowed on truck, a maximum of four (4) chains no longer than 3 feet each may be used.
5. Hoods: Chains only. No J-bolts or chains etc. from frame to hood maximum of six (6) chains. You must have a minimum 6 X 6 inch hole cut in hood for fire safety. Through hood exhaust is OK
6. Vertical window bars are mandatory. Minimum of two (2) with a maximum of three (3) bars or bands must be used. A window screen is allowed so long as the vertical bars are also installed and screen can be easily removed for driver safety in an emergency.
7. Bumpers must be OEM stock. Stock brackets may be welded to bumper & frame. No braces may be welded or added to the bumper. Bumper cannot be welded to car body. No chain around the bumper is allowed, and bumper tips and fender wells may be trimmed. No reinforcing with added metal. Track Officials decision final.
8. No chains or U-bolts allowed around body to frame on any car. If chain is needed after a heat or repairs, you must contact track official for approval and inspection prior to and after the repairs. No exceptions.
9. No rising or lowering of car. Cars must be in stock position. Bumper height will be measured by officials and must be within factory specifications. Maximum height from ground to bottom of bumper not to exceed nineteen (19) inches. No coil to leaf conversions. Only stock automobile springs. No extra leaves, no tape or welding on springs. OEM shackles only. Previously run derby cars with broken springs or shackles can be repaired during the day of the derby only, and supported by chains around or through the frame, and only with two (2) bolts.
10. No trailer hitches. No objects protruding outside of car. No severely pre-dented cars. No pre run, severely dented cars. If officials determine that a car is unsafe it will not be allowed to run.
11. Gas tanks must be a safe container and made of steel. Example: Jeep can, boat tank and must be approved by an official. NO PLASTIC containers. Gas tanks must be securely placed and must be bolted and/or chained solid. Tanks must be capped and placed directly & securely behind the driver

area or in the center of the rear seat area. Stock gas tanks cannot be used and must be removed from the vehicle. NO electrical or pressure type fuel systems. Exception: newer model cars equipped with fuel injection systems that run with electrical fuel pumps, an electrical "Kill Switch" must be added, placed and marked where an official can easily shut it off from outside the vehicle.

12. Batteries must be removed from engine area and moved to the inside of vehicle and placed in a secure mounted and approved battery box, placed in the passenger floor area. All batteries will be covered with rubber inner tube to protect the driver. No wooden boxes or plastic milk crates.
13. Radiator must be stock automobile and in original stock opposition. No Additional radiator supports or mounts; only wire or plastic ties may be added. No water inside of car. Heater core must be by-passed so that no engine water enters firewall of passenger compartment.
14. Firewall must be stock with no large holes, all holes must be covered.
15. No truck third members.
16. Safety belts and/or lap/harness belts are required. Seat belts must remain buckled during the entire time of the event. EXCEPTION: FIRE.
17. Approved safety helmets are required, and must stay on during the entire length of time of the derby.
18. Body to frame hardware and bushings must be OEM stock. Frames must be in OEM condition on any/and all vehicles.
19. Must remove inside spare tire compartment lid and all seats, except the front seat from station wagons.
20. No heavy duty mud & snow grip tread. (Some M/S marked tires may be used if approved by officials)

No grooved or double tires, no farm tires, regular automotive tires must be used, not to exceed 6 ply (7.00x15). No cement or fluids of any type in tires

21. Car numbers must be 18 inches and letters must be 10 inches on both sides and top of car. Use a clearly contrasting paint from the color of the car, so it is visible and readable to the officials & announcer. Any multi-car entries must have separate numbers.
22. All cars must have a hose attached to the transmission filler tube (Burp Tube) for fire safety.
23. A vehicle discharging heavy smoke after an event has started may be disqualified. Officials discretion.
24. TIME LIMIT: If you do not move or hit within two minutes or less you may be disqualified.
25. All vehicles must tech to the 2008 Rules Previously run cars included.
26. No pre-dented or mangled automobiles. Officials may not allow severely dented or bent cars.

Note: OEM means Original Equipment of the Manufacturer

#### VEHICLE OPTIONS

1. Floor Shifts.
2. Locked rear ends.
3. Radiator fans.
4. Hand throttle (Return Springs).
5. Springs may have two (2) clamps per side, inch in thickness and not over 1 inches in width, with two (2) bolts per clamp. These cannot exceed the thickness and width stated.
6. Transmission coolers. Must be inside of car & covered.
7. Air conditioner radiator, one (1) only.
8. Safety gloves should be worn by all drivers
9. Drivers door (only) may have steel/metal plate inside the window area.
10. Mud screen allowed.
11. If dashboard is removed, side to side brace is allowed \* recommended in dash position.
12. Fire extinguisher mounted securely, accessible to officials & driver.
13. Engine, with tech official approval.