

BIG CAR DEMOLITION DERBY RULES

ACCEPTED CARS:

1. Any year frame and body model of passenger car or station wagon with a minimum 110" wheel base, except the following: Chrysler imperials, hearses, ambulances, convertibles, SUV's, or all-wheel drives.

MATERIAL SIZES:

1. Material sizes, unless specified in rule are as follows: Chains 3/8", welding filler 1/4" rebar or 1/4" x 1" flat stock. All are maximum sizes.
2. UP to 30 bolts may be used in sheet metal of car. Not to be bigger than 3/8"x1 1/2" long.
3. No #9 wire allowed.

BREAKABLE AND BURNABLE MATERIAL:

1. All glass, metal trim, pot metal such as grills, fender extensions, anything breakable, must be removed.
2. All burnable material must be removed, such as carpets, headliners, door panels, rear seats, etc.

WHEEL WELLS:

1. Wheel wells may be trimmed away larger.
2. Bumpers may be trimmed to body width.

TIRES:

1. Tire size and wheel combination is optional.
2. Tubes and valve protectors are ok.
3. If split rims are used, they must be welded solid.

DOORS:

1. Doors must be secured by bolting, chaining, or welding.
2. Door bars or protection plate is mandatory on both driver and passenger side.
3. Bar must be at minimum 6" wide and may overlap the door fender seam a maximum of 8". Bars cannot be more than 3" out of body width. NO sharp edges. It must be secured with a minimum of four 1/2" bolts per side. Subject to approval.
4. Side to side support bars may be used as long as they are within the driver/passenger area.

HOODS/TRUNK

1. Hoods/trunk must be secured by bolting or chaining.
2. Bolting the hood may be done by using 3/4" low carbon, zinc plated all-thread (no grade 8).
3. It may be mounted through the frame, then ran straight up through the hood. A maximum of 1 nut & one 1/4" by 6" washer per bolt may be used above the hood and not to exceed 4 nuts per stick of all thread.
4. Bolts cannot extend more than 2" above the hood.
5. No matter what method is used, hoods can be secured at a maximum of 6 points (factory hood hinges are considered as a secured point).
6. Hood must have minimum 8" hole on each side of hood for fire safety access.
7. Angle may be used to secure hood or trunk. Angle pieces may be 2" x 2" and 6" long with 1/2" bolts.
8. Trunk may be tucked.
9. Hood or trunk may not be welded shut.
10. Any chain run from bumper to a secure point on hood will be counted as another secure point.

BUMPERS:

1. Bumpers may be welded to bumper brackets.
2. Bumper brackets may be welded to bumper frames.
3. 5mph shock bumper may be installed using maximum 4" x 14" x 1/4" square, round channel material, welded on side of frame only. NOT on top, bottom, or stuffed in frame. No more than two mounts per bumper. This is the maximum allowed! You may use less material to mount your bumper, but absolutely no more than 4" x 14" long x 1/4" thick.
4. Shocks on bumpers may be collapsed and welded solid.

ENGINES:

1. Any gasoline engine and transmission combination may be used in any car. It must be mounted within 4" of original motor.
2. The firewall cannot be cut out to accommodate the motor. You may cut a hole to accommodate the distributor; however, it must be covered to prevent a fire hazard.
3. Motor mounts may be welded. Motors and transmissions may be chained.
4. If making motor mounts to use different motors in different cars, mounts cannot exceed the original footprint of the motor mount.
5. NO reinforcing of factory engine frame cradle.
6. NO engine cradles!
7. No more than one fastener beside stock motor mounts may be used on each side of motor and may only be welded to the top of frame.
8. Metal for engine straps not to exceed 4" wide x 1/4" thick.

ELECTRIC FUEL PUMP:

1. If electric fuel pump is used, it requires a kill-switch to be installed in the dash area easily accessible through passenger side window. Must be painted brightly and labeled for easy identification.

FUEL TANKS:

1. Fuel tank must be securely mounted inside the car in back seat area and fully covered with non-burnable material.
2. A marine type tank or fuel cell must be used.
3. Original fuel tank must be removed.
4. Gas tank cover must cover three of the five exposed sides of tank.

REAR END:

1. Rear end frame humps may be chained with 1 wrap, but may not be welded to the frame.
2. Leaf spring shackles may be re-hung; 3" wide shackle max.

SUSPENSIONS:

1. Suspensions may not be welded solid.
2. Coil springs may be welded to keep them in place.
3. Factory body mounts must remain in stock position with rubber pucks.
4. Pre-bending frame is ok.

RADIATOR:

1. Radiator must remain in factory location. If for any reason the factory mounts cannot be used, metal strapping tape, rubber hose, bailing wire, or ratchet straps may be substituted.
2. Maximum 1" wide, 1 strap per side mounted as far out to the sides as possible. (Subject to inspection and approval).

NEW REPAIRS – ALLOWED FOR PRE-RAN CARS ONLY

1. When repairing damage cars, you may use two 4" x 4" x 1/8" plates OR four 2" x 2" x 1/8" plates. Pieces cannot be any closer than 3". They may not attach to each other in any fashion. Repair pieces must have an inspection hole drilled in the center of the plate.
2. Cracks or tears in frame may be welded closed as long as no added filler is used and will not be counted as a plates repair.
3. You may not weld new frame sections or frame stubs on for repair.
4. Any other metal welded to frame will not be permitted.
5. NO FRAME STUFFING!
6. You may not reinforce frame with foreign material.

CAR NUMBER:

1. A minimum of 2' X 2' number board required on all cars with 18" minimum numbers in contrasting colors on the sides and top. No spray can numbers!
2. If you use a roof sign, you do not have to have a number on side of car.