

BLOOMER DEMOLITION DERBY 2009

COMPACT (4 Cylinder) & MIDSIZE (6 Cylinder) & Mini Van

MANDATORY RULES

- **PREPARATION:** All glass, headlights, taillights, chrome, fiberglass header panels, carpeting, antennas, hubcaps, wheel weights, and garbage must be removed from vehicle before competition. Airbags must be removed and the charge detonated.
- **GAS TANKS:** Factory tanks must be removed. Drivers must use small steel tank not to exceed 6 gallons capacity, or a fuel cell. Tank must be mounted behind driver's seat to floor. Any leaks will mean disqualification. Pump gas only. No alcohol.
- **BATTERIES:** Only 1 or 2 stock type automotive type or 1 larger battery of your choice is permitted. Batteries must be mounted to floor in front passenger section of vehicle, covered, and secured.
- **DOORS:** Must be chained, wired or welded. Chains or wires may not exceed 36" (1 per vertical seam). If welding doors –you may secure doors in 2 spots using 2 plates not to exceed 4" x 4" x 3/8" thick. Driver's door may be welded all the way around. If adding material, it must not exceed 2" wide by 3/8 " thickness.
- **HOODS:** Must have 2 chains, or rods to hold down. May have up to 6 rods or chains. If using rods, only 2 of the 6 may go to the frame and the other 2 must go to the sheet metal. Rods may not exceed 1" in diameter, and must be mounted vertical. No more than 6" of weld or 3 nuts to secure to the frame. No welding on body. Chains may not exceed 36" in length and cannot be used to tie down anything but the hood. Top hood plates may not exceed 4" x 4" in size. Must have at least (1) 12" x 12" hole in hood in case of fire if not using stacks for your exhaust. You may use (12) 3/8 bolts to secure two layers of hood.
- **TRUNKS:** Must have 2 chains or rods to secure trunk lid. On sedans you may use up to 4 chains, or 2 rods and 2 chains. No rods in the rear of wagons. Threaded rod cannot exceed 1" in diameter. Chain cannot exceed 36" in length. Rods must be mounted vertical with no more than 6" of weld or 3 nuts to secure. If using 4 chains, 2 must be used to secure bumper and trunk lid. Top lid plates cannot exceed 4" x 4". Mini Vans must secure rear hatch and side doors in 4 spots with chain. Hinges do not count as tie down. Tailgates or sliding door may be secured with 2 (4" x 4") 3/8" thick plates.
- **WINDSHIELDS:** Must have 2 chains or straps bolted or welded vertically from roof to firewall to protect driver.
- **TIRES:** Maximum height for compacts is 25" and midsize 28". Tires may be doubled, foam filled if desired. Tires cannot be bolted to rim. Valve stem protectors are legal.
- **BUMPERS:** Bumper must have 1 chain or wire per side to secure to vehicle by welding or bolting. 36" maximum. Bumpers must match division of car competing such as compact

bumpers only on compact, midsize only on midsize with no exception. Bumper and support brackets may be welded with one pass only. Do not weld anything additional.

- **ENGINE AND TRANSMISSIONS:** Engine of choice not to exceed 4 cylinder for compacts, and 6 cylinder for midsize. Vertical engine stacks are permitted, but keep below 18" above the hood. Engines may be secured with chain by bolting or welding to frame. Do not use chain to reinforce in any way the structure of the car. Transmission cross members and mounts may be welded in. No 4-wheel drives.

- **RADIATOR:** Factory radiators only. No auxiliary tanks or coolers. Must remain in original position. May only use water for competition. Radi-barrels will be allowed.

- **SUSPENSION:** Shocks and springs must remain stock in nature. Replacing broken coils or leafs is OK but must remain equal to factory equipment.

- **INTERIOR MOUNTED BARS:** You have the choice to have a dash bar, and a rear seat bar. The rear bar must be mounted behind your seat running from doorpost to doorpost horizontally. No kickers off the bar. Mount 3" up or down from the center of the seat. No pipe smaller than 3" in diameter by 1/4" thick for either bar. May be welded or bolted in. All welds have to pass inspection. Must have a safety chain running to floor or frame of vehicle for safety in rear, and firewall in front. Dash bar must be mounted horizontally above the steering column as far forward in compartment as possible. You may also use a driver's and passenger's door bar mounted on inside of the car from front bar to rear bar. May be welded or bolted in. Should be padded for driver's safety. No bar should exceed 6" in diameter. You are allowed to weld the bottom seam of the doorpost on the inside. Rollover bar is permitted (3" min. and 6" max.).

- **TRANSMISSION COOLER:** Must be mounted in driver's compartment away from the driver. Must be enclosed in steel case with approved steel or hydraulic lines from transmission to cooler. Any fittings must be located in case and pass inspection.

- **FENDERS:** You may trim fenders and bolt them. No more than 5 bolts per fender, no more than 3/8" in diameter, and must be trimmed flush with nut used. Do not create a wedge by over tucking your fenders.

** NO full frames for compact and midsize.

- **MISCELLANEOUS:** Place the number of your choice on front doors. You may put a sign on roof with number. Advertise and decorate with good taste.