

BLOOMER DEMOLITION DERBY 2009

1980 AND NEWER

MANDATORY RULES

- **PREPARATION:** All glass, headlights, taillights, chrome, fiberglass header panels, carpeting, antennas, hubcaps, wheel weights, and garbage must be removed from vehicle. Air bags must be removed and the charge detonated. Eye protection is required.
- **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:** 1 or 2 automotive type or 1 larger battery of your choice. Must be mounted to floor in front passenger section of vehicle, covered, and secured.
- **DOORS:** Must be chained, wired or welded. Chains or wire may not exceed 36" (1 per vertical seam). If welding doors - 1 weld per vertical seam. Weld may not exceed 4" x 4" x 3/8" thickness. Driver's door may be welded all the way around. If adding material, it must not exceed 2" wide by 3/8" thickness.
- **HOODS:** You can secure in 6 spots using chains, wires, or threaded rods. Hood hinges do not count as 1 spot. If using threaded rod, only 4 of the 6 rods may go to the frame. May be bolted or welded vertically to frame (6" welding max) or 3 nuts per rod max and may not exceed 1" in diameter or exceed more than 6" above the hood. Top hood hold down plates may not exceed 6" x 6". You may use up to (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. Threaded rod is not to exceed 1" in diameter. Chain is not to 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 6"x 6". Hinges do not count as tie down.
- **STATION WAGONS:** No welding tailgates. Tailgates may be secured with 4 lengths of chain or wire. Two can be used to secure rear bumper. Chains or wire straps not to exceed 36" in length. No threaded rod allowed in the rear. 2 (4" x 4") 3/8" thick plates may be used to secure tailgate.
- **WINDSHEILDS:** Must have 2 chains or straps bolted or welded vertically from roof to firewall to protect the driver.
- **TIRES:** 14", 15", or 16" tires are permitted. Tires cannot exceed 30" in height. Aggressive outside lugs must be trimmed.
- **FRAME:** No plating, filling, or welding may be done to frame except in designated areas. Welding permitted on top seam, not to exceed 1/2". 1 plate on outside of each rear hump will be permitted. Plate not to exceed 18" long, 4" wide and 3/8" thick.

- **BUMPERS:** Bumper and factory bumper brackets may be welded, but must remain in factory position. Two chains or wires must go to or around the bumper and be bolted to the frame or core support. Only one wrap per chain may be used. Any automotive type bumper may be used.

- **ENGINE AND TRANSMISSION:** Any engine of choice. Vertical engine stacks are permitted, but keep below 18" above hood. Engines may be secured with chain by bolting or welding to frame. Transmission cross members and mounts may be welded in.

- **RADIATORS:** Factory stock in original position containing water only. Steel mesh radiator guard may be used. Radi-barrels will be allowed.

- **SUSPENSION:** Shocks and suspension may not be altered to increase height from factory. Suspension must have reasonable bounce. Leaf springs must be automotive type. No more than 9 springs per side. Springs must step down in lengths. No springs above the main leaf spring. Choice to run 2 chains, 1 per side (one loop), or 2 small diameter cables, or 2 #9 wire or 2 additional body mounts in rear of sedans to support rear humps. If using wire, do not exceed 6 loops. Wire may be twisted, axle to frame only, or to coil. You may reinforce rear factory only upper and lower control arms and front tie rods. Drive shaft, steering column, and rear end of your choice may be used.

- **BODY BOLTS:** May be changed, but must be 5/8" or less. With the exception of core support bolts which can be up to 1". Body pucks may be removed. Bolts cannot extend through to bottom of frame. Any washers inside of car cannot exceed 4".

- **INTERIOR MOUNTED BARS:** You have the choice to have a dash bar and rear seat bar. The rear bar must be mounted behind your seat running from door post to door post horizontally. No kickers off the bar. Mount 3" up or down from the center of seat. No pipe smaller than 3" in diameter by 1/4" thick. May be welded or bolted in. Must have a safety chain running to the floor or frame of vehicle in rear, and firewall in front. Dash bar must be mounted horizontally above the steering column. You may also use a driver and passenger door bar, mounted on inside of the car from front bar to rear bar. May be bolted or welded in. No bar should exceed 6" in diameter. You are allowed to weld the bottom seam of the doorpost on the inside, but do not add steel. A rollover bar is permitted. (3" min., 6" max)

- **TRANSMISSION COOLERS:** 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 steel case and pass inspection. Covering the shifter hole is highly recommended.

- **FENDERS:** You may trim fenders and bolt them. No more than 5 bolts per fender and no more than 3/8" in diameter.

- **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.