

Registration:

4:00 pm - 6:30 PM Starting time: 7:30 PM

ANY QUESTIONS CONTACT: TRAVIS WILLIAMS 608-735-4839  
CHAD WRIGHT 608-624-5957

GAYS MILLS FIRE DEPARTMENT -  
DEMO DERBY JULY 25, 2011  
1980 AND NEWER DEMO DERBY RULES AND REGULATIONS

Preparation of 80 and newer, full size, mid-size and compact cars

**POWDER PUFF:** Must have at least 3 entries.

**TYPES OF CARS:** 2 & 4 Door Sedans, Hardtops and Wagons. No Jeeps, Carryalls or Chrysler Imperials permitted.

**FRAMES:** No welding on frame or frame seams—NO EXCEPTIONS!!

**BUMPERS:** Impact bumpers may be pushed all the way in and welded. NO EXCESSIVE WELDING ALLOWED. Drivers must chain bumper, both front and rear of vehicle. 1 chain on each side of bumper, not to exceed 36" in length. Chains may be bolted or welded to frame. In addition, you may add 3-1" welds on each bumper bracket, Chevy's included.

**FENDERS:** May be trimmed with a torch. If rolling or bending keep 80% of fender in tact. No bolting of fenders.

**HOODS:** Your choice of 4 chains, wires, or threaded rods. If using threaded rods, only 2 of the 4 rods used may go to the frame or through the body bolts in front on core support. Threaded rod used may be bolted or welded to the frame 6", welding max 3 nuts per rod max and may not exceed 1" in diameter or exceed more than 6" above hood. Hood latches and springs on hinges must be removed. 1"-8" hole on each side of motor in the hood for fire extinguishing. No bolting of hoods.

**AC:** Must be unhooked prior to arriving at the fairgrounds.

**RADIATORS:** Factory stock in original position containing WATER ONLY. No auxiliary coolers allowed.

**ENGINE:** Engine in vehicle does not have to be of the same manufacturer as the body. Stacks are permitted only if completely vertical. Cannot exceed over 18" above closed hood. Motor mounts may be welded or chained. Compact car engines: must be 4 cylinders, Midsize car engines: must be 4 or 6 cylinder. Class determination for compacts and midsize cars will be made on the day of the show.

**WINDSHIELDS:** All glass windshield, windows, headlamps, taillights and header panels must be removed prior to arrival at the fairgrounds. No trash allowed in cars. Cars must be clean during inspection. 2 straps or 2 chains must be bolted or welded vertically from roof to hood to protect driver.

**DOORS:** Must be chained or wired. Drivers door may be welded for drivers' safety. If adding material it may not exceed 2" wide by 3/8 thickness. No welding on any other doors will be permitted. You are allowed to weld bottom seam of the doorpost on the inside of drivers door only.

**BATTERIES:** One or two stock automotive batteries or one larger battery of your choice is permitted. Batteries used must be securely fastened to floor in front of car. For safety, cover with old floor mats or carpet.

**GAS TANKS:** Factory gas tanks must be completely removed. Drivers must use small steel tank. Not to exceed 6 gallons in capacity. Must be located behind driver's seat center of vehicle to driver's side only. **DO NOT**

**MOUNT ON PASSENGER SIDE OF VEHICLE:** Tank must be covered adequately prior to running. Must be securely fastened to floor. **ANY LEAKING FUEL WILL RESULT IN IMMEDIATE DISQUALIFICATION.** Street pump gas only for competition, NO ALCOHOL. Gas will be checked during inspection. For fuel injected car, have to use high pressure fuel line or steel lines.

**SAFETY BARS:** If dash is removed, bar may be mounted horizontally above steering column. If dash is in bar may be mounted horizontally from post to post behind driver's seat. Must be mounted 3" up or down from center of seat. Bar used square or round 3" to 6" in diameter. **PLATES USED MAY NOT EXCEED 12"X12" & 3/8" THICK. PLATES MAY BE BOLTED OR WELDED. MANDATORY: PIPE USED BEHIND SEAT MUST HAVE A SAFETY CHAIN SECURED AROUND IT AND SECURED THROUGH THE FLOOR TO THE FRAME FOR SAFETY. MAY HAVE 2. A DASH PIPE AND ONE BEHIND SEAT. NO GALVANIZED PIPE ALLOWED. NO ROLL CAGES OR ADDED BRACES. BARS CANNOT BE CONNECTED.**

**TRUNKS:** 2 chains, wires or threaded rods to secure trunk lid. You may only use 1 of the 3 choices. Threaded rod used must not exceed more than 6" above trunk lid. Threaded rods may be secured to frame of vehicle by bolting or welding. Threaded rod may not exceed 1" diameter. Rod used may be welded to frame with a maximum of 6". Maximum of 3 nuts per threaded bolt. Factory size body bolts only. If changed on 1 nut and washer with stock size bolts may be used.

**TRAILER HITCHES:** Must be completely removed from vehicle.

**STATION WAGON:** No welding tailgates. Tailgates may be secured with 4 lengths of chain or wire straps. 2 to be used to secure rear bumper. Chains or wire straps not to exceed 30" in length. Absolutely no threaded rods allowed in rear of any station wagon. Leaf springs must be automotive type and to exceed 9 leafs per axle. No overloads.

**TIRES:** 14", 15" and 16" tires are permitted. Tires used cannot exceed "Maximum Inch Allowance" of <sup>3 3/4</sup> 3 3/4". Compact cars may use only 13" & 14" tires with Maximum Inch Allowance of 25". Tire may not be bolted to the rim. Tires must be properly inflated. No ply restriction. No studs or wheel weights.

**SUSPENSION:** Shocks and suspension may not be altered to increase height of vehicle from factory suspension. You may replace broken springs. Max 9 per side. No overload. No spring spacers. You may run 2 small diameter cables, 2 #9 wire or 2 additional body mounts in rear of sedans or wagons to support rear humps. Do not exceed 6 loops. Wire may be twisted axle to frame or to coil only. ~~Factory Size body mount bolts only~~

**TRANSMISSIONS:** Mounts and cross members may be welded. Transmission cooler not allowed. Looped with steel lines or high pressure rubber with compression fittings will be accepted.

**CAR NUMBER:** Cars can be decorated in any manner within the limits of good taste. No obscenity. Use a number of your choice. Drivers door must be a contrasting color to rest of car. Car number must be on driver and passenger doors and on roof.

**OFFICIALS DECISIONS:** ARE FINAL!! If it's not in the rules, it's not legal. Any car considered dangerous or unfair will be rejected. Any reinforcement exposed after running your heat will result in disqualification. Anything found illegal after your heat will be disqualification by inspectors decision.

**DRIVER ENTRY FEES:** \$30.00 for derby car and driver's entry fee.

**PIT PASSES:** \$10.00 CASH ONLY