

# Sullivan County Fair Assoc.

## Mild Mini

**PRE RAN CARS - HAVING A PRE RAN CAR DOES NOT MEAN YOU CAN FIX WHATEVER YOU WANT IN ANYWAY. PRE RAN CARS MUST CONFORM TO THESE RULES**

### **NO FOUL LANGUAGE IS PERMITTED TO BE ON CARS**

**Mild Mini Derby: Consist of 4 and 6 cylinder cars as described below that must qualify during a heat in order to qualify for compact feature. A pre-ran or fresh car may be used for a feature event.**

**4 Cylinder Cars Permitted:** Any factory equipped 4 cylinder FWD, 2 or 4 door, sedan or station wagon. No light commercial vehicles, SUVs, trucks or vans. AWD cars must remove one drive shaft.

**6 Cylinder Cars Permitted:** Any factory equipped 6 cylinder FWD, 2 or 4 door, sedan or station wagon. No light commercial vehicles, SUVs, trucks, or vans. AWD cars must remove one drive shaft.

### **STOCK MEANS STOCK! IF IT DOESN'T SAY IT IN THE RULES DON'T DO IT!**

These vehicles are to be considered stock unless specifically mentioned in these rules. No altering, swapping, welding, or manipulating parts unless specifically mentioned.

**DRIVERS MUST HIT A LIVE VEHICLE EVERY 60 SECONDS!**

Drivers are required to wear a DOT approved helmet and safety glasses/goggles or face shield. Drivers must also wear full length pants and footwear that completely covers feet. Safety is our first priority while on the grounds. There will be no tolerance of any unsafe acts. Conduct of a driver or crew member can disqualify the driver and car from the event. All decisions of the judges are final. Please message Shane Vough for any rule clarifications and questions.

### **Stripping of VEHICLES:**

ALL glass, plastic, chrome moldings, carpet, mirrors, emblems, and flammable materials must be removed. No broken GLASS IS PERMITTED IN THE VEHICLE. The car must be clean and free of loose debris in the driver's compartment and the trunk.

All airbags must be completely removed. Drain air conditioners and associated rubber hoses must be cut or removed prior to arrival at the track. All trailer/towing hitches must be removed.

**Car appearance:** Roof sign (minimum 12x12") recommended for individual number with pfizer screws and cannot stick out the top or bottom by 1/2 inch. Doors do not have to be numbered but must be easily identified.

### **Cages & Driver Protection:**

Factory dash may be removed. You must have a seat bar from B post to B post as a minimum for team derby and is highly recommended for compact and powder puff.

No outside door bars. Exception: Figure 8 cars entering compact derby after race may compete with rails on.

Cage bars must be sheet metal to sheet metal. Bars must be single bars, not stacked or doubled. **All components of the cage** (including trans cooler and battery mounting brackets if

attached to cage) must be at least 5" from the center of the firewall AND floor at any point including transmission and driveshaft tunnels. The rear bar may not be any further back than where the kick panel meets the bench seat. Front bar may not contour the body. It must run straight across. All cage bars may be no bigger than 5"x5" except side bars. Side bars may be c-channel up to 6". Side bars cannot go past the firewall or past the center of the rear doors. If side bars are not used, mounting plates not exceeding 1/4" x 6"x12" may be used on the ends of the seat bar and dash bar. All bars MUST be inside the driver's compartment except if a roof/halo bar is used. Roof bars must come off your rear seat bar or door bars (max. 5"x5" bars or 6" c-channel). Roof bars MUST go straight across and straight up and down. Roof bars may be bolted or stitch welded with 1 inch welds in 5 places to the roof only.

TWO windshield bars or chains may be attached from the roof to the cowl area on the front windshield area only to protect the driver. Maximum size 3" wide by 1/4" thick bar or 3/8" chain. May not extend more than 4" on the roof and cowl. This may not be used as a strengthener or to keep a vehicle from bending. No rear window bars allowed.

### **Fuel Tanks & Batteries:**

ORIGINAL FUEL TANKS in stock location are permitted. Tank must be secured in two places using up to 3/8" chain or wire. If a fuel cell is used, the stock tank MUST BE REMOVED COMPLETELY.

Gas tank shields permitted as long as it does not reinforce the car.

Metal fuel cells or approved marine style metal tanks are required when mounted inside of the car. No gas cans or plastic tanks. Maximum capacity of the fuel tank permitted is 10 gallons. Gasoline only. Any fuel leaks will disqualify the car from participating. Please use secure leak proof fittings and good hose clamps and make sure they are tight.

Tanks must be located behind the front seat and must be securely fastened with chains, bolts, or both. ZIP SCREWS ARE NOT ACCEPTABLE. If you choose to use a frame for the purpose of mounting your gas tank, it may either be mounted to the rear seat bar OR bolted to the floor sheet metal (no combinations) All fuel tank frames/mounts may be no wider than 24" and must start a minimum of 4" away from vertical sheet metal on both used and fresh cars. All parts of a cage mounted fuel tank frame/mount must be at least 5" above the floor that is below said fuel tank frame/mount. Additionally, fuel tank mounts may not be used as a technical advantage on a vehicle.

All fuel tanks should be covered with a rubber mat, a metal cover, or both. You may run an electric fuel pump, but it must have a kill switch that is clearly marked.

Battery – ONE Battery only. May be moved inside to the passenger side floorboard. Battery Must be covered (No metal covers). We recommend metal frames bolted or welded to the floor or chains. Do not use zip screws or rubber straps. If mounting the battery box to the cage, then all parts of the metal box and components must be 5" from body sheet metal.

### **Brakes & Steering:**

A working hydraulic brake system is required. You must exhibit the ability to stop. Anyone losing their brakes during an event will be disqualified. Steering wheel to rack may be modified! You may modify ties rods to strengthen them as well!

### **Tires & Rims:**

Air only. No liquid or concrete filled tires. No studded tires. Any ply rating, doubled, etc. will be allowed. All wheel weights must be removed, including on the inside of the wheels. Variable lug centers permitted. No bead locks. Valve stem protectors are allowed as well.

**SOLID REAR TIRES ARE PERMITTED!!**

### **Body & Frame:**

Stock- Do not touch body mounts or subframe mounts! No frame modifications! No stuffed frames of any kind. Do not "enhance" or crease body lines! Fender well sheet metal may be cut or rolled for clearance purposes but may not be bolted or welded back together.

Sunroof hole must be covered and secured with the same thickness metal as the roof.

Notching and pre-bending will be allowed. Do not weld notches back together. Do not "enhance" or crease body lines. Wedging and lowering of trunk area will not be allowed. Trunk lids may be cut or bent to tuck. Quarter panels and tail light panels must remain vertical. Fenderwell sheet metal may be cut or rolled for clearance purposes but may not be bolted or welded back together.

Do not paint or undercoat frames inside or out. Do not grind or buff frames. No frame shaping/manipulation in front of rear humps is allowed. Only the first 6" of the front end of the frame may be seam welded. No other seam welding permitted.

Any frame/unibody/rocker panel/body panel/bumper/etc. may be drilled to scope inside if deemed necessary for inspection.

Patching and rust repair to body and/or frame will be allowed only if cleared in advance Shane Vough before any repairs.

### **Front Frame Plates:**

From the firewall forward on the front frame you may add two 4"x12"x1/4" plates per side. THEY MUST BE PAINTED RED FOR INSPECTION. This rule applies to both preran and fresh cars.

### **Fix it Plates:**

Per frame rail you can have two 6"x6"x 1/4" plates per side. THEY MUST BE PAINTED RED FOR INSPECTION. This rule applies to both preran and fresh cars.

### **Hoods, Trunks & Doors:**

Hood must have at least an 8" x 8" hole near the center for fire personnel access. Hood/trunk cutout bolts may be used (max. 12 per hood/trunk, no larger than 3/8" bolts, & bolts must only be placed around the perimeter of hole). Hood may be secured in 8 spots with one of the following methods. 2"x2"x3" angle for bolting purposes, chain (3/8" max.), or wire. Chain or wire for the hoods may wrap around the bumpers. All hoods MUST open on stock hinges for inspection regardless of cutout size. Factory hood latches must be removed. The eight spots for tie down may have up to a 3/4" washer (no homemade washers) welded fast to the hood. 16 washers maximum.

EACH door & trunk lid/tailgate may be secured in a total of 8 places of your choice on each panel by welding metal plates (3"x 3"x 1/4" max.), chain (3/8" max.), #9 wire, OR 3" max banding. ONLY THE DRIVER'S DOOR MAY BE FULLY SEAM WELDED for safety purposes (3"x 1/4" straps max.). The Driver's door may also be skinned over and may not extend 2" beyond the seams. No inside seams may be welded.

All body seams must be visible for inspection whether it is a pre-ran car that is bent or a fresh car that is pre-bent.

Unlimited 9 wire is allowed to be used only after qualifying heat for the same night as the feature. Pre-ran cars returning to the fair for new events MUST abide by the original rules!

**Core support**, you may use  $\frac{3}{4}$ " all thread through the mount, support and the hood this will count towards your total hood tie down. (8 total spots for tie downs on hood)

**Bumpers:**

**Car Bumper Rules:**

**FLAT SMW/DEC BUMPERS WILL BE ALLOWED. NO POINTS ON**

- Any year OEM/factory car bumper is permitted and may be loaded! You may cut or bend OEM/factory bumper ends for clearance.
- You may also weld inner and outer bumper seams together on an OEM/factory bumper.
- ALL OEM/factory bumper holes must remain OPEN.
- SQUARE TUBE BUMPERS ARE PERMITTED!
- You are permitted up to a maximum SINGLE piece of 6" x 6" x .250 square tubing.
  - Example: a 4"x6", 4"x2", 3"x6", or any combination up to the max.
  - Must be SQUARE TUBING (No round tubing, no angle iron)
  - This must be a straight tube, no bending permitted.
  - Wall thickness maximum is  $\frac{1}{4}$ " = .250
  - NO STACKING or SLEEVING.
  - This must be a single hollow length of SQUARE TUBING
  - The ends of the square tubing must be welded shut!
  - Ends may be cut to a maximum 45 degree angle.
  - NO OTHER MODIFICATIONS permitted.
- All bumpers cannot be any wider than the outside of the tires - no sharp ends or jagged edges. The cut ends must be rolled.
- You may use two 3"x6"x $\frac{1}{4}$ " plates per frame rail for bumper mounting.
- Homemade bumper shocks will be allowed, no larger than 2"x2"x6" (square or round, you may not manipulate the shocks in any way)
- Bumper shocks must be welded to the back side of the bumper or square tubing.
- Factory shocks may be used in a factory manor and may not be welded past 6" from the back of the bumper skin at any point.
- If using a homemade bumper shock, the shock must be mounted on the outside of the frame and may not be welded past 6" from the back of the bumper skin at any point.
- All bumpers MUST have two chains (max of  $\frac{3}{8}$ ") or two spots of 9-wire (max of two strands) from bumper to sheet metal. If they pass through the hood, they will not count as part of your total hood or trunk tie downs. No more than TWO may pass through the trunk, hood, core support or any other sheet metal. No welding bumpers to bodies. **YOU MAY WELD THE  $\frac{3}{8}$ " CHAIN FROM BUMPER TO FRAME. ONLY THE END LINKS MAY BE WELDED!!! THIS IS TO SIMPLY KEEP BUMPER ATTACHED TO THE CAR.**
- TWO  $\frac{3}{4}$ " washers (no homemade washers) can be welded to the top of the bumper to attach the  $\frac{3}{8}$ " chain or 9 wire to.
- ANY ADDITIONAL WELDS, EXTRA BOLTING, MODIFICATIONS, ETC. will be in direct violation of this rule and you will not be permitted to cut or fix it! This will result in an automatic INSPECTION FAIL. IF YOU HAVE A QUESTION, THEN MESSAGE THE FACEBOOK PAGE!

### **Engines, Transmissions & Drive shafts:**

Engine & transmission must be STOCK. Shifting method may be altered. Engine may be secured in any way that does not strengthen the car or any other component.

Electronics may be relocated.

Aftermarket shifters, gas pedals, ignition switches, transmission coolers and electric fans are permitted.

Stacks will be permitted. Exhaust underneath the car will be permitted.

Water only in the cooling system. Please drain antifreeze prior to arrival at the event. Electric fans only. No engine mounted fans permitted. All engine cooling fans must be under the hood. No external radiator guards/protectors. Trans coolers may be relocated under hood or in the back seat area and may only be bolted to sheet metal only.

Some type of air cleaner must be used.

### **Suspension & Rears**

Must remain STOCK. However you may use strut risers no more than 1.5" for the front and 1.75" on the rears. Springs may be stiffened with clamps, spacers or 1" rod. Do not pipe or alter strut. Do not reinforce A-arms or trailing arms.

Strut bars may be used from strut tower to strut tower in the front only. Only true figure 8 cars actually run in our events will be permitted to keep their rear strut bars in. Maximum 2" x 2" strut bars! Differentials may be welded.

**For rules questions contact Shane Vough (570)-447-3857. For registration questions ONLY contact Liz Fluck [elizabethj19@outlook.com](mailto:elizabethj19@outlook.com).**