

# **SUMTER MOTORSPORTS PARK**

## **DEMO DERBY RULES:**

**SUMTER MOTORSPORTS PARK HAS IMPLEMENTED THESE RULES AND REQUIREMENTS SIMPLY AS GUIDELINES FOR EVENT CLASSES IN CONJUNCTION WITH MOTORSPORTS & RACING EVENTS. THESE GUIDELINES DO NOT GUARANTEE OR WARRANTY ANY PERSONAL SAFETY WITHIN THE PUBLICATION OF THESE RULES AND GUIDELINES. ALL FORMS OF RACING IS ARE DANGEROUS. ALL SAFETY PRECAUTIONS & REQUIREMENTS EITHER MECHANICAL OR PERSONAL, REST SOLELY ON THE RACE PARTICIPANT AND/OR THE RACE VEHICLE OWNER. RACERS AND THEIR FAMILIES AGREE TO HOLD HARMLESS ANY & ALL FACILITY OWNERS, STAFF, LEASEHOLDER, LEASEE'S, CLUB ASSOCIATES, RACE PARTICIPANTS, OFFICIALS & EMPLOYEES OF SUCH RACE FACILITY.**

### **FACILITY REQUIREMENTS:**

- All participants, pit crews, mechanics, spectators, family members, etc. entering the pit area must complete the required paperwork (waiver of liability & indemnity agreement) and purchase an approved pit pass (event arm band) prior to entering the pits. Armbands must be worn at all times, if you are unable to display your armband when asked by a facility official, you will be required to purchase another armband.
- All race participants must arrive at the track 1.5 hours prior to the shows start time, for race registration & vehicle inspection. Late arrivals might not be eligible to compete. If you are going to be a late, phone ahead to the event staff.
- All cars must be removed from the facility by 12:00 noon the following day, failure to remove your car might result in the loss of your car.
- The minimum driver's age is 16. All drivers will be required to prove their age either by a state issued D/L or ID card. Driver's license.
- Under 18 years drivers will be required to have a minor release form on file with both parents or legal guardians notarized signatures.
- Alcohol & illegal substance abuse will not be tolerated and will result in facility ejection or event disqualification.
- No open flames, fireworks, firearms, BBQ's or coolers permitted.
- No pets allowed on the facility grounds.
- No refunds, under any circumstances.

## RACE & SAFETY RULES.

- No passengers permitted during event.
- Maximum pit speed 5MPH. NO EXCEPTIONS, NO EXCUSES!!
- All participants are to remain in their cars until the Derby is complete. Getting out of your car will result in a disqualification.
- Approved racing helmets must be worn at all times. Goggles or a face shield, fire suit or long sleeve shirt must be worn. Long pants and shoes or mandatory.
- If a driver removes his/her helmet while the event is taking place they will be disqualified and forfeit all purses & winnings.
- Unsportsmanlike conduct will not be tolerated, and will be grounds for facility ejection or event disqualification.
- All race calls are final, arguing with race officials will not be tolerated.
- Drivers meeting will be held one-half hour before the event is to start to explain rules and flags. Any car protests must be made at this time. All drivers must attend the driver meeting.
- A driver that receives a black flag for sandbagging or an intentional driver door hit will be disqualified.
- There will be race time limits to control sandbagging. Sandbagging offenders will be disqualified.
- No head on collisions allowed at start, or direct hits to the driver's door.
- It is the driver's responsibility to obtain & understand all race & facility rules pertaining to Sumter Motorsports Park Events. If your car is found illegal, no entries will be refunded. Cars should arrive legal, and ready to compete. Rules can be obtained at [sumterracing.com](http://sumterracing.com) or they will be attached to all event posts.
- Sumter Motorsports Park reserves the right to approve or reject any entry.
- Random post race car inspections will be done at the race officials discretion, any cars found illegal will be disqualified.
- The driver must be present when their car is being inspected either pre or post race.
- The driver will be the only person allowed around the car during pre & post race inspections. Cars will be disqualified if rule is not followed.
- If you are told to park in the race tech area after a derby, for post race inspection, do so. While parked in this area the driver is the only person allowed to stay with the car. If someone else affiliated to your team or not is caught around your car during this time, you will be disqualified. If you are caught altering your car during this time you will be disqualified.

- The driver only, will be allowed in the pre & post race staging areas.
- The driver only will be allowed in the arena to retrieve their disabled car after a heat or feature race.
- If any of your teammates, family or affiliates enter the arena area without permission from the race director at any time. You will be disqualified.
- Disabled cars will be removed by SMP heavy equipment. SMP is not responsible to load your car on your trailer or hauler. SMP is not responsible for any damage occurring vehicle movement out of the arena.
- Car driver is required to stay with their car until it is removed from the arena area.
- Driver to provide a flag that attaches to the vehicle at the door frame on the driver's side, and accessible by reach of the driver. The driver will raise the flag to identify they are disabled or withdrawn from the race.
- In 78 and newer events, cars must have a VIN stamp on car or title to prove the correct year.

#### **V 8 & MINI STOCK RULES:**

- Car numbers must be legible & visible on both sides of the vehicle.
- Bumpers, motor mounts & doors are the only welds allowed. Refer to previous rules for welding requirements.
- Bumpers must be stock to participating cars year & make.
- Required door plates or bars on the inside of driver door may be welded in place.
- All air bags & other such safety apparatus must be removed.
- Hoods & trunks must be chained or all threaded closed. Door weld requirements, 2-3 inches long only are allowed on doors. No more than 6 welds per door.
- Chain requirement; minimum 3/8" dia. Link/chain.
- Hoods must have 12"x12" opening cut into the top over the carb./intake for fire access.
- Fan blades must be removed.
- No trucks, vans, 4WD's ambulances, jeeps, convertibles, T tops, carry-alls, limos, Chrysler Imperials.
- Sunroofs must be sealed shut with plate steel welded in place.
- Bring title if you think there will be a question. Call if you have any question about wagons. No Chrysler bodies allowed on imperial frames.
- Standard seat belts are required.

- No cutting or reinforcements allowed to the car. Any reinforcements found during inspection will cause the car to be disqualified.
- No bolting of fender panels together. You can cut fenders or body work for wheel clearance only. If fender wells are cut too much, your car will be disqualified.
- You cannot screw, weld, bolt, rivet or reinforce in anyway the frame, body, doors, fenders, quarter panels, rear seats in wagon must be removed, no bracing in trunks, etc.
- Officials reserve the right to cut holes in frame to verify any rules.
- No profanity or vulgar gestures allowed to be displayed on any part of the car.
- Front doors of your race vehicle to be painted white.
- Mandatory Drivers' / Door plates, steel, 1/4" in min. thick, & 12" width. Placement will be running from post to post with the bottom edge 3" below the top of the drivers' seat frame. Plates are to be bolted in with a minimum of 8/ 1/2" bolts on the inside of the door cavity. The plate bolts will be installed with the head of the bolt on the outside of the door skin, fender washers sandwiched between the bolt head & the door skin. The bolts on the inside will be double nutted and cut off flush with the threads after tightened. Fender washers will also be required to be sandwiched between the steel plate & double nuts.
- The car must have a hood, and at no time can a car compete without a hood in place.
- A bar is mandatory in the middle of windshield opening. The bar is to be a minimum of 1.5" dia. Pipe or 1x3 steel stock, fastened by welding from the center top of the roof, down to the center top of the firewall cowl.
- Steel mesh (min. 12" x 20") to be welded in place at 8 locations. Placement in the windshield opening, directly in front of the driver's seat.
- Hood & trunk must open at time of inspection. Trunks may be chained closed at a min of 4 locations, or welded closed with 6/ 2" to 3" welds. Trunk must have a minimum of 1/12"x12" inspection hole cut into the center of the trunk lid.
- A rollover bar may be used. No full cages, absolutely no reinforcement to frame. A four bar interior cage is recommended, this consist of bar along the dash, second bar no more than 6" behind seat, third and fourth bar connecting bars one and two. No frame contact.
- All glass side and rear windows, plastic grill, headlights, and taillights must be removed before reaching track. Rolling down windows is not permitted.

Also all body trim must be removed (all chrome strips). If the car has a plastic grill it must be removed also.

- Rear seat on sedan and station wagons must be removed. Station wagons must be emptied to the floorboard. All cars must be swept clean. Headliners and carpet must be removed.
- Gas tanks must be removed from original mounting position and securely mounted in back seat area. Minimum tank securing: 2/2" wide straps spanning over the tank evenly spaced & bolted thru the car floor with 4- 3/8" bolts & fender washers (2 bolts per strap, 2 fender washers per bolt)
- Only 6 gallon boat tanks permitted or some tank of similar size & construction. Tanks must be securely mounted and covered with tin or steel. The covering must be of some material that is not flammable. These firewalls will be checked closely.
- Unleaded Pump gas only, no nitrous, racing fuel or fuel additives. SMP does have the capabilities of checking gas for enrichments & strengths.
- NO MORE THAN 5 GALLONS OF GAS IS ALLOWED IN CAR AT ANY TIME. If electric fuel pump is used it must be wired to the ignition. Fuel lines must be clamped to tank. If fuel line goes through car, it must be enclosed in PVC pipe, so that it is not directly exposed to the driver
- Radiators must be left in the stock position. No alterations to front end allowed. You cannot run extra radiators or water supplies. Transmission coolers are allowed.
- Coolant systems must be flushed of all chemicals. Coolant systems required to use water only.
- Batteries must be moved into driver's compartment. The batteries must be secured in the same fashion as the fuel cell. The batteries must be placed as far away from the fuel cell as possible. You can use 2 batteries. Batteries must be covered with a shield to protect against sparks or spillage.
- SUSPENSION MUST REMAIN STRICKLY STOCK. Do not invert shackles with bolts, extra clamps or extra leaf springs.
- Shocks must be functional & have travel, a maximum 21" bumper front and rear. No block jacks permitted.
- Trailer hitches and brackets of any type must be removed. Engine and transmission may be swapped or interchanged. Motor mounts may be welded, but no extra bracing to frame allowed.
- You cannot weld leaf springs together. Only one clamp per spring permitted.
- Bumper shocks can be welded with 4 spot welds only.
- **All bumpers must be stock or & replaced with the year & make bumper off the same model of car.**

- **TIRES, DOT, Stock size wheels only.** 4 ply stock size tires only. No tire within tires allowed. Inner tubes allowed, no mud, snow or truck tires. Tires must be filled with air only, no foam or liquid allowed. Wheel weights must be removed. No wheel reinforcement allowed. No spoke wheels allowed. No valve stems covers permitted on wheels.
- **IN CAR FIRE EXTINGUISHERS ARE MANDATORY.** Fire extinguisher to be completely charged and capable of extinguishing fuel & oil fires. The extinguisher must be accessible by the driver in the drivers compartment, placement of the fire extinguisher is to be fastened in an approved extinguisher holder on the front center floorboard.
- Every car advancing to the feature event will be re-inspected prior the feature event.
- No adding of weight (steel stock, sand bags, lead etc.)
- Hoods can be bolted wired or chained. The hood must be secured in the six locations. All four corners & 2 midpoint locations on the sides.
- Updraft Headers allowed, header extensions must extend thru the hood by a minimum of 16”.
- Exhaust systems may be removed, exhaust pipes left in tack, can be cut off behind the cars firewall.
- Original and un-altered fire walls required in all cars.
- Omitted rules will be addressed during the drivers meeting.
- All decisions are final.
- Body bushings may be removed, but if they are ½ in. gap- with no bigger than 1” washers must be above frame to check seams.
- Fresh paint or fresh undercoating on the frame or undercarriage will be construed as a disguise and your intentions questioned on why this paint was applied.
- Any welding on frame will disqualify the car.
- Officials have the right to drill frames when needed.
- All inspection holes on frame must be open.

#### **Additional mini car rules;**

- Mini-cars must have wheelbase of 101 inches or less and weight less than 2,600 lbs. No pacers.
- Welding, bumpers and doors only, hoods and trunks must be accessible.
- Uni-body cars wheelbase requirements 105”.
- Foreign cars permitted.
- 13” 4 ply automotive tires only. Tire must have D.O.T identification.

- Cars sold originally with 14”tires can compete with mfg. specified tire.
- All other rules apply from the standard Demo Derby rules.

## RACE RULES

- **Car movement**-Drivers may move forward and backward. Deliberately ramming a driver in the driver side door will result in immediate disqualification.
- **Starts**-How the race is started is the sole discretion of the race director. Racers will be notified of the race starting procedure prior to the feature event. Races will be started with a horn and green flag.
- **Time Limit**-Drivers must hit a live car within 2 minutes or get disqualified. All races are subject to be shortened in length if unsafe conditions occur.
- **Possum and Team Work**-Racers playing possum will be disqualified. If a race vehicle sits idle for 2 minutes, this is considered possum. Team work is grounds for disqualification. Team work will not be tolerated. Drivers who play possum or teamwork will be black flagged by the corner worker. Once you are black flagged, you must stop your vehicle.
- **Heats and features**-Each class will consist of a heat race and a feature race provided there are more than 10 race vehicles. Heat race and feature race structure may be changed by the race director at each event.
- **Event Payout**-Feature payouts are for 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> place finishers for each class. Minimum amount of entries required to guarantee payout. If minimum amount of entries is not met, 100% of entry monies will be split by 50,30 20% between 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> place finishers for each class. Payout is at discretion of SMP and the race director. At specific events, the fan favorite driver is eligible for a \$100 prize. Other prizes and awards will be awarded depending on the event. Contact SMP for more information.
- **Vehicle removal**-All vehicles and trash must be removed from the grounds no later than 11:00 pm. the same day of the event. Vehicle removal is your responsibility Vehicles left at the facility will be charged a storage fee of \$15 per day.

**Vehicle fire or injury**-In the event of fire that is out of control, the horn will sound and the race will stop for safety workers to extinguish the fire. Safety of the racers and the event staff is paramount. In the event of racer injury, the horn will sound and the race will stop until the driver is safely removed and medical attention is given. During fire or injury, the race track will be under a red flag. The race will be under a red flag. The race will not continue until the red flag period is over, the horn sounds and the green flag is back out.

**Red flag situations**- During a red flag situation, you are not allowed to exit your car unless instructed to by a race official. You will not be allowed to alter or repair your car during this time either. If you exit or alter your car you will automatically be disqualified.

- **Vehicle alterations**-Any vehicles illegally altered between heats and features will be disqualified during post race tech inspection. Random pre-feature inspection will be done at the discretion of the race director.
- **Winner**-The last vehicle to make contact is considered the winner.
- **Protest**-There is a \$50 protest fee. If you feel a competitor has violated the rules, you can pay the fee and have one (1) item inspected on the vehicle. Only one protest allowed per racer. No crew protests allowed. If you are right, you get your \$50 back. If not, the race director keeps the \$50.

## **CLASSES AND VEHICLES**

### **4 Cylinder Classes**

- Only 4 cylinder vehicles are allowed to race together. If event participation is low in the 4 cylinder class, 4 & 6 cylinders of similar size may be allowed to race together at the race director's discretion.
- Any 4 cylinder automobile, station wagon domestic or import is allowed. No trucks, hearses, ambulances, jeeps or convertibles are allowed. Vehicles with sun roofs are allowed as long as the sun roof is removed and the sun roof hole is welded shut with steel plate.
- Vehicle rules and specifications for the 4 cylinder class are listed in the General Vehicle Specifications Section.

## **6 Cylinder Classes**

Only 6 cylinder vehicles are allowed to race together. If event participation is low in the 6 cylinder class, 4 & 6 cylinders of similar size may be allowed to race together at the race director's discretion.

- Any 6 cylinder automobile, station wagon domestic or import is allowed. No trucks, hearses, ambulances, jeeps or convertibles are allowed. Vehicles with sun roofs are allowed as long as the sun roof is removed and the sun roof hole is welded shut with steel plate.
- **Vehicle rules and specifications for the 6 cylinder class are listed in the General Vehicle Specifications Section.**
- Maximum wheel base for 6 cylinder class is 106" (measured from the center of the rear axle to the center of the front axle.)

## **8 Cylinder Classes**

- Only 8 cylinder vehicles are allowed to race together. If event participation is low in the 6 cylinder class, 6 & 8 cylinder vehicles of similar size may be allowed to race together at the race director's discretion.
- Any 8 cylinder automobile, station wagon domestic or import is allowed. No Chrysler Imperials, trucks, hearses, ambulances, jeeps or convertibles are allowed. Vehicles with sun roofs are allowed as long as the sun roof is removed and the sun-roof is welded shut with steel plate.
- Vehicle rules and specifications for the 8 cylinder class are listed in the General Vehicle Specifications Section.
- Maximum wheel base for 8 cylinder class is 112" (measured from the center of the rear axle to the center of the front axle). The above rules can be modified by SMP for any event. Rules are subject to change.

Rules are subject to change to fit an event. Additional regulations may be imposed depending on the track and the event. To make sure you have the rules for a specific event, contact SMP at (352) 279-6218 or at [www.sumterracing.com](http://www.sumterracing.com)

REVISED 12-20-09

