

# Richland County Fair Association

## REGULAR AND 4/6 CYLINDER DEMO DERBY RULES

Established 5/11/2015

### GENERAL

The following rules and/or regulations set forth herein are designed to provide for the orderly conduct of Demolition Derby and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have complied with these rules. No express or implied warranty of safety shall result from publications of or compliance with these rules and/or regulations. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to participant, spectator or official. The officials shall be empowered to permit minor deviation from any of the specifications herein or impose any further restrictions that in their opinion do not alter the safety factor. Any interpretation or deviation of these rules is left to the discretion of the Officials, and their decision is final.

1. **All drivers must sign entry form and insurance waiver.**
2. **NO ONE ALLOWED IN RACE AREA UNDER THE INFLUENCE OF ALCOHOL OR DRUGS.**
3. **POSSESSION OF ALCOHOLIC BEVERAGES OR DRUGS IN THE PIT AREA WILL RESULT IN THE LOSS OF PIT PASS AND EXPULSION FROM THE PITS.**
4. **All drivers must be 16 years of age or older. If under 18 years old parent must be present to sign authorization form. Must be able to provide proof of age at the request of the officials. NO EXCEPTIONS**
5. **All participants must follow Flagman's instructions, no fighting, required compliance with all rules, no breaching of the barrier around the derby competition area.**

**FAIRBOARD HAS THE RIGHT TO REFUSE ANY ENTRY AND SPECTATOR ADMITTANCE.**

**ANYTHING FOUND TO BE UNSAFE TO THE DRIVER AND THE OTHER PARTICIPANTS WILL BE DEEMED ILLEGAL AND HAVE TO BE REMOVED.**

**SAFETY...SAFETY...SAFETY...SAFETY...SAFETY...SAFETY...SAFETY...SAFETY**

### **AUTOMOBILE BODY REGULATIONS - JUDGES DECISIONS ARE FINAL**

1. Passenger cars or station wagons only. No trucks, jeeps, hearses, limousines. No Chrysler Imperials .
2. Station wagons converted to a sedagons are allowed.
3. All glass, side windows, rear windows, headlights and taillights, must be removed before reaching the track. Rolling down windows is not permitted.
4. Rear seat of sedan must be removed, top and bottom. On station wagons all seats and decking must be removed. Station wagons must be emptied to the floorboards.
5. Cars must have a seatbelt and working brakes. **MANDATORY**
6. Battery may be moved, but must be securely fastened and covered in passenger compartment. Two batteries are allowed.
7. **MANDATORY** –Front windshield must have a bar or loop of #9 wire from roof to the firewall for safety.
8. Trailer hitches: bumper mounted or Reese trailer ball stub must be cut off.

### **GAS TANKS AND FUEL PUMPS – ALL JUDGES DECISIONS ARE FINAL**

1. Stock gas tank **MUST** be removed from original position and mounted in the rear seat area and secured. A marine tank or fuel cell is strongly recommended. All lines and fitting must be leak proof and meet approval of the track officials. All lines must

be run inside the car, not underneath along the frame. Electric fuel pumps are allowed, but must have a shutoff switch within reach of the driver. Tanks must be covered before entering the track. **NO MORE THAN (3) GALLONS OF GAS IN TANK**

### **RADIATOR AND CORE SUPPORT – ALL JUDGES DECISIONS ARE FINAL**

1. Radiator must be in stock position. Any automotive type radiator can be used.
2. No reserve tanks and no added cooling capacity.
3. Core support seams can be welded.
4. Radiator protectors are allowed, but must be in front of or behind radiator.
5. Protectors cannot be wider than the cooling surface of the radiator.

### **BODY – ALL JUDGES DECISIONS ARE FINAL**

1. All body seams may be welded.
2. No reinforcing of the firewall.
3. Body creasing, enhancing of existing body lines and addition of body lines is allowed.
4. Drivers door can be reinforced for protection to driver, on the outside of door. All other reinforcing of doors must be inside the door not outside.
5. Doors must be welded shut.
6. 2 rear window bars are allowed.
7. No concrete in body panels or trunk.

**ANY REINFORCEMENT FOUND TO BE UNSAFE TO THE DRIVER OR OTHER DRIVERS WILL BE DEEMED ILLEGAL AND HAVE TO BE CHANGED.**

### **SUSPENSION – ALL JUDGES DECISIONS ARE FINAL**

1. A-arm can be welded solid. You may weld square stock or pipe between the upper and lower A-arms to set suspension height. 1" pipe or 1"x1" square. Not solid square or round stock.
2. A-arm can be plated or reinforced.
3. Tie rods may be reinforced

### **HOODS AND TRUNKS – ALL JUDGES DECISIONS ARE FINAL**

1. Hoods must have two (2) holes, at least four (4) inches in diameter on each side of the carburetor. Not directly on top of the carburetor. If the hood is removed, either the fan or fan belt must be removed.
2. Hoods, trunks, and tailgates must be open upon request during inspection. If we cannot see we will cut.
3. You are allowed Unlimited #9 wire across the front in front of radiator.
4. Don't wire hood down until after inspection.

5. Trunks can be welded solid. If there are any questions, officials can cut the trunk to see inside.
6. Quarter panels and trunk lid cannot be rolled down flat and welded down to the frame to make a flat bed.
7. No concrete in body panels or trunk.

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### **SAFTEY CAGES – ALL JUDGES DECISIONS ARE FINAL**

1. You **MUST** have a six point cage. The cage can be welded to the frame in six (6) places, but it must go to flat part of frame. You can have up to six (6) down posts, three (3) per side.
2. All components of cage must be contained to the driver's compartment except for your kickers.
3. If door bars do not stop at firewall, they must be bent down and welded to the frame, not sheet metal or core support.
4. Cage can be made out of 4" pipe or 4" square tubing, **Maximum**.
5. Gas tank protectors are allowed. Can run all the way across the backseat area and can touch the rear sheet metal and can be made out of a maximum of 4" pipe or 4" square tubing.

### **HALO BARS OR ROLLOVER BARS – ALL JUDGES DECISIONS ARE FINAL**

1. You may add a halo bar to the cage components listed above. It may not exceed 4" in diameter. This is **STRONGLY RECOMMENDED**.
2. Halo bars must be in a direct vertical line with the seat.
3. Halo bars may not be angled toward the rear of the car.

**ANY CAGE COMPONENT OR ANY REINFORCEMENT FOUND TO BE UNSAFE TO THE DRIVER OR OTHER DRIVERS WILL BE DEEMED ILLEGAL AND HAVE TO BE CHANGED.**

### **FRAMES – ALL JUDGES DECISIONS ARE FINAL**

1. All factory frame seams may be welded.
2. If changing front sub, cut 3 inches behind second cross member bolt hole. When replacing, can overlap 11 ½ inches, able to weld both sides.

**PLATING OF FRAME – PLATING OF THE FRAME IS ALLOWED AND IS UNLIMITED.**

### **KICKERS**

1. KICKERS ARE ALLOWED. YOU ARE ALLOWED KICKERS IN THE FRONT, FROM CAGE TO FRAME. YOU WILL ALSO BE ALLOWED KICKERS IN THE REAR FROM CAGE TO THE FRONT OF THE REAR HUMPS. KICKERS MUST BE WELDED DIRECTLY TO THE FRAME.

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### **BUMPERS – ALL JUDGES DECISIONS ARE FINAL**

**Loaded bumper rule:** You can load a factory automotive bumper. A factory chrome skin must be wrapped around the loaded bumper. This means factory chrome skin must be on the outside and the bumper must appear to be a factory bumper. You can weld up bumper holes and skin seams. No jagged edges. **No concrete**. All materials used to load a bumper must be on the inside of the bumper. The outside chrome skin must be factory. **Cannot be solid. NO DANGEROUS POINTS ON BUMPERS. POINTS MAY BE NO LARGER THAN A FACTORY NEW YORKER POINTY OR IMP POINTY. ANY POINTS ON BUMPERS DEEMED UNSAFE BY OFFICIALS WILL CUT THE POINT OR IT WILL NOT RUN.**

1. When building a bumper, the bumper cannot exceed factory height, width or length by more than 1". Note..pointy bumpers cannot measure any deeper than 13.5".
2. There must be one open hole for officials to check for concrete.
3. Bumpers can be loaded with metal only. **NO CONCRETE**

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### **ENGINE AND TRANSMISSION – ALL JUDGES DECISIONS ARE FINAL**

1. Any engine or transmission may be used in any car, but must be mounted within 5" of the original motor.
2. Chained, welded, or homemade motor mounts will be permitted, but must meet approval of officials.
3. Any type of header is allowed, but must be directed away from driver compartment.
4. Transmission oil coolers and engine oil coolers are permitted. Must be secure and contained and covered inside the car, for the driver's protection.
5. Skid plates are allowed. No full length skid plates.
6. Distributor protectors are allowed, but must be attached to engine or transmission mounting bolts. **CAN NOT CONTACT CAGE AT ANY TIME.** Forward supports must be inside normally positioned headers and not extend past the water pump.
7. Extreme or full engine protectors are allowed.
8. Transmission protectors are allowed.
9. Factory aluminum engine cradles in 2003 and newer cars may be changed. No homemade cradles.

### **REAR END – ALL JUDGES DECISIONS ARE FINAL**

1. Any automobile rear end can be used in any car.

### **TIRES – ALL JUDGES DECISIONS ARE FINAL**

1. No split rims allowed.
2. Wheel weights must be removed

**ANY CAGE COMPONENT OR ANY REINFORCEMENT FOUND TO BE UNSAFE TO THE DRIVER OR OTHER DRIVERS WILL BE DEEMED ILLEGAL AND HAVE TO BE CHANGED.**

**SAFETY WILL BE STRESSED OVER AND OVER AGAIN**

### **RACING REGULATIONS – ALL JUDGES DECISIONS ARE FINAL**

1. All drivers must wear D.O.T. approved helmets with face shield or goggles.
2. Drivers may change cars for the Feature Event provided the car changed to has run in a previous heat at this derby.
3. A driver that receives a black flag for a flagrant door hit can be disqualified from all competition the rest of that night.
4. Drivers should wear a fire retardant driver's suit or at the minimum, long pants, long shirt, sturdy boots, helmet and safety glasses or goggles
5. You will be disqualified that heat if you have 2 fires in same heat.