



## **\*\*Royal Rumbles - 4 Cylinder Super Stock Category - Rules\*\***

\*Note: ANYTHING OR RULE NOT WRITTEN ON THIS RULES LIST IS PROHIBITED. Only modifications listed on this document will be accepted for vehicles in the 4 Cylinder Super Stock category.\*

### 1. **Vehicle: 4 CYLINDERS ONLY**\*\*

- Vehicle engine must be stock (4 cylinders) and must be bolted as per the stock location.
- A maximum of 4 chains can be used to secure the engine, transmission, differential, and frame to the body.
- No welding is allowed.

### 2. **Transmission**\*\*

- No reinforcements are accepted.
- Must be stock in every aspect.

### 3. **Battery Rack**\*\*

- Maximum of 2 batteries.
- Must not reinforce the vehicle in any way.
- Should not exceed 2 inches in height above the batteries.
- Must be securely fastened inside the vehicle. Should not be attached to the frame.

### 4. **Radiator**\*\*

- stock only and must contain only water.

### 5. **Bumper**\*\*

- Only the stock bumper is accepted; no modifications will be allowed.
- 2 attachment points with chains, and no welding will be tolerated.

### 6. **Vehicle Floor**\*\*

- Only the rotten floor can be repaired, maximum 18-gauge sheet metal, and the repair must not exceed the rotten area.

7. **Differential:**

- stock to the vehicle.
- No reinforced differentials are allowed.
- No axle protectors are accepted.
- The core of the differential can be welded.
- It can be chained (2 attachment points).
- Only 2-wheel drives are accepted.

8. **Suspension:**

- Attaching leaf springs together is allowed (maximum 4 places/set of springs).
- Wooden blocks are accepted in coil springs (firmly attached).
- Doubling of coil springs is allowed.
- Longer and stiffer coil springs are accepted.
- All suspension parts must be stock and non-reinforced, with no modifications.
- Only stock vehicle parts are allowed.

9. **Steering:**

- All steering components must remain stock from A to Z.
- Only stock steering rods can be reinforced with a rod 3/8" to 1/2" maximum, welded or attached, and a 1"x1"x1/8" thick angle iron or tube is accepted.

10. **Tires:**

- NO LIMIT inflated tires (no solid tires).
- No studded tires.
- No modified or reinforced rims.
- Only the cores can be changed to accommodate multi-bolting.
- Double or water-filled tires are accepted.
- Valve protectors are allowed.
- Balancing weights must be removed.
- Tractor tires are prohibited.

11. **Fuel Tank:**

- Fuel cell accepted (steel or plastic).
- Home-made and boat fuel tanks are accepted.
- It must be very secure, no plastic tanks (buckets and jerry cans).
- It must be placed behind the driver onto the backseat .
- No tanks will be tolerated under the car.

12. **FRAME:**

- NO WELDING is allowed on the frame, including all sheet metal joints on the vehicle.
- The frame must remain at its full length and must not be cut.

13. **Repair:**

- No repairs are accepted unless the vehicle has already raced and been approved by officials.

14. **Doors:**

- Doors must be attached (2 attachment points per door only).
- Chains, seat belts, or straps are accepted.

15. **Safety Cage:**

- No tube on the dashboard.
- STRONGLY RECOMMENDED to have a vertical post 3"x3"x1/4" or less behind the driver's seat or a tensioner to hold the seatback.
- It is STRONGLY RECOMMENDED to reinforce the driver's door with a maximum of 12" in height by 6" in length exceeding the door, which must be bolted at a minimum of 4 points or welded, and it must not fall onto the track.

16. **Hood:**

- 2 bolts of 1/2" + 4 square washers 4" x 4" x 1/4" max. can hold the hood. THEY MUST NOT BE CONNECTED TO THE FRAME.
- It must not be welded.
- The hood must maintain its stock location and must not be folded forward to protect the radiator.
- An 8"x8" hole must be made in the center of the hood.

17. **Shifter and Pedal:**

- They can be replaced.

18. **Steering Column:**

- It can be changed or modified.

19. **Headers:**

- Of your choice.

20. **Torn Driver and Passenger Doors:**

- Repair of maximum 18-gauge or original thickness.
- The repair must not exceed the tear in the sheet metal.
- The sheet metal must not be welded.

21. **Transmission Cooler:**

- Accepted behind the passenger seat.

22. **Rotten Frame End:**

- No rotten frame end can be repaired with iron or sheet metal.

\*Any repairs must be approved by officials before or during the day.\*

**\*\*Disqualification\*\***

- Vehicles deemed too dangerous or heavily modified may be refused. Only officials can decide if a vehicle can race.
- Any disrespect towards referees, other drivers, or organization members before, during, or after races can result in disqualification and even suspension of the driver(s) from one or more derby programs.
- Any dangerous driving can lead to disqualification and even suspension of the offending driver(s).
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