

**2010 Dillon Motor Speedway  
JR. BOMBER**

- **This is a class to groom Jr. Racers (kids) into future race car drivers. This is a novice class for kids under 16 years old. Speedway reserves the right to the competitors competing at the Dillon Motor Speedway.**
- **Due to Insurance regulations a 22 second break out time has been established. As a competitor you must not be faster than 22 seconds around the track. The track will work with you on ways to slow a car down, (Throttle Stop, Restrictor Plate, Pull Plug Wire etc.) Transponders will be placed on cars periodically to make sure they are not too fast. Running Laps under 22 seconds are subject to disqualification.**
- No Two Way Radios Allowed. Drivers can monitor Race Control from the Tower
- Spinning a car out or Rough Driving will result in a BLACK FLAG for the evening.

1. Minimum 4-point roll cage with a recommended 3 door bars on left side and 3 bars on right side. May remove inner structure on doors to accommodate cage ONLY. All roll bars must be 1-1/2" x .083" wall steel tubing. Roll bars must be welded to a minimum 3"x3"x1/4" thick plate and secured SAFELY to the floor pan. Cage installation MUST be approved by track officials.
2. Five-point racing harness required and must be mounted in a manner acceptable to track officials.
3. Stock fuel tanks allowed if located in front of rear axle. If stock fuel tank location is behind rear axle, it must be replaced with a maximum 8-gallon fuel cell or boat fuel tank, securely mounted, covered with metal and centered in the trunk. A metal fire wall for the purpose of separating the driver from the fuel tank is required to be in tact in the rear seat-back area.
4. Window net required. Must be mounted in the driver's side window.
5. Hood and trunk must have ALL factory hinges and be fastened with at least two hood pins on each far corner. Quick release steering wheel coupler allowed.
6. Doors must be welded shut
7. All bars within drivers reach must be padded

**Jr. BOMBER - General Rules**

1. 1975 or later American and import with a maximum wheelbase of 105". Rear Wheel drive cars can compete with penalty from track officials
2. 4 cylinders only. No Quad 4s. 4 valves per cylinder max. Dual overhead cam engines allowed with penalty. Must have a vehicle specification and engine manual on site for your car
3. A compression check on all motors will be performed. Driver/owner to have a manual for make and model.
4. No turbo, supercharged or high performance cars allowed. Mustang can compete with a penalty
5. No weight allowed on car. All cars with more than 2 valves per cylinder and or dual overhead cams will add weight. All weight will be added to the right side of car between the front and rear of the door(s). More weight may be added for the sake of tight competition on anyone to make class competitive.
6. No bracing or body modifications. Only stock bumpers front and rear. No cutting of any body parts or removal of inner structures. Only exception is minimal trimming of inner door on drivers

side for roll bars.

7. Factory stock air cleaner system with no modifications. (No K & N filters allowed.)
8. All body, frame, suspension, pedals, brakes, fly wheels and all motor replacement parts must be completely stock and OEM or OEM replacement for the year make and model claimed. Car can start with ignition key or toggle switch. Dash can be replaced with Flat Metal
9. Stock ride height will be 6 1/2" minimum, measured at the pinch weld or chassis, whichever is lowest. This will be checked weekly at all races.
10. Battery can be mounted under the hood in stock location or relocated to the left-rear floorboard behind driver's seat.
11. All insulation under hood MUST be removed.
12. Stock carburetor/fuel-injection system for that make and model. Stock computers only.
13. Stock transmission, manual or automatic with stock differential. No locked/welded differentials. No torsen or worm-gear type differentials. No aftermarket limited slip differentials. No altering of flywheels allowed.
14. Removal of A/C condenser and pump is allowed.
15. Removal of inertia switch is allowed; Ford fuel shut-off.
16. Removal of rear seat ok, but must cover rear firewall area with steel sheet metal.
17. Electric engine cooling fans may be wired to run constantly
18. Exhaust: Must use factory exhaust manifold for that car.
19. Stock wheels, stock suspension in stock position. Maximum of 3 degrees camber in both front wheels. Max .4 degrees camber in rear wheels. Shocks, springs and struts must be stock for that make model year and engine size.
20. Spring rubbers on each corner of the car is allowed.
21. Windshield required. Maybe replaced with 1/8" LEXAN. (No Plexiglas)

### **Tire & Wheels**

1. DOT Passenger car tires and wheels only. All four wheels and tires must be of the same size and must all be 13, 14 or 15", 60 or 70 series. All four tires must be radials. No bias-ply tires allowed. No high performance or soft compound tires allowed. This is to keep the cost of tires down for all and help keep the events competitive.
2. No soaking of UCAR tires at any race at any time. Seven inch maximum wheel width

**DO NOT MAKE ANY MODIFICATIONS OTHER THAN LISTED ABOVE WITHOUT OBTAINING APPROVAL FROM OFFICIALS. KEEP THESE CARS STOCK!!!**

### **2010 Claim Rules:**

Claim rule from the speedway is in effect at all times. Claim amount is \$1250.00. This claim is for the whole car minus seat and harness. If you can't build a car for \$1250.00, then don't build one for this class. Any driver who refuses a claim will be suspended for the next two events. If he or she denies a claim a second time in the same season, he or she will be suspended for the remainder of this season. We are going to put the "stock" back in stock car racing. If you do not see it in the rules or specifications.. **DO NOT DO IT!** This division is intended for those who wish to race but don't want to spend a lot of money. For those wishing to stretch the rules or spend more than \$1250.00 in a car, pick a different division.

**\*\*\*ANY RULES YOU DO NOT UNDERSTAND OR YOU NEED CLARIFICATION,  
PLEASE CONTACT SPEEDWAY OFFICIALS. Email [tech@dillonmotorspeedway.com](mailto:tech@dillonmotorspeedway.com) or  
call the Tech Man Ronnie Barfield @ 843-496-4790 or Ron Barfield @ 843-496-4792.**