

Wild Bill's Raceway Bomber Rules 2010

Because of their size, allow for more protection for the novice driver. However, this is not a demolition derby class; cars prepared for demolition derbies will not pass the tech inspection. This class allows for a passenger to be in the car during the race.

WHEELBASE

Measured from center of the bearing in the front wheel to the center of the half-shaft in the rear wheel.

Cars or station wagons (no trucks or convertibles) with a minimum wheelbase of 112". Unlimited maximum wheelbase.

The vehicles may be either front or rear wheel drive. No 4 or all wheel drive.

EXTERIOR

No modifications of any type to the body metal except cutting fenders for tire clearance and cutting down the windows.

No welding of the frame joints.

remove all glass, plastic, lenses, door handles, mirrors, chrome trim, and moldings.

All doors must be welded shut.

Hood and trunk must have at least 2 (two) each pins for easy, emergency access and fly-off security. Remove main and secondary catches from the hood; remove the lock from the trunk.

Stock bumpers must be in place. Remove all plastic or rubber moldings from the bumpers.

Add tow points front and rear. This can be a chain welded or bolted to the frame at two points.

ENGINE

Engine must be completely stock, as it came from the factory race motors.

No modifications of any kind to the intake manifold, valve train, heads, camshaft, pistons, bore, con rods, crankshaft, or exhaust manifolds.

Complete engine swap to a different displacement permitted. must be an engine that was available in that vehicle for that year.

No fuel injection, turbo chargers, or superchargers of any type.

Carburetor may be re-built to correct for altitude. Choke may be removed.

Mufflers and catalytic converters may be removed.

WHEELS, TIRES, AND BRAKES

Maximum 7" width stock DOT- approved steel wheels.

Maximum 7" width tire

No mud-only tires. No snow-only tires. DOT- approved street tires only. tech inspector reserves the right to reject a tire if the tread is deemed to be too aggressive.

Must have 4 (four) working brakes; 1 (one) brake per tire.

DRIVE LINE

Safety chain or metal strap bolted or welded to underside of car to loop around drive shaft to help prevent shaft fly off.

Transmission must have a working reverse.

No modification to the transmission valve body or torque converter (if using an automatic).

rear axle gears may be changed.

rear axle may be welded or locked.

INTERIOR

Remove all carpeting, head liner, rear-seat(s), mirrors, and anything else which may be flammable.

dashboard should be removed if it is made of plastic or composite materials. metal dashboards may be left in place.

Rear bulkhead must be covered to maintain a barrier between trunk and driver's compartment.

Stock seats may be used.

(2) All holes in the firewall and floor must be plugged or covered. You may have two

½" holes in floor pan for drainage.

Must have a 2 ½ lb fire extinguisher in reach of the driver.

ROLLCAGE

Must be a four-point cage minimum (six point preferred), with the end points of the cage securely welded directly to the main frame rails. If a uni-body chassis, end points of the cage must be welded to a steel plate inside driver compartment and bolted to chassis hard point or another steel plate under the car.

The cage must be made of minimum 1 ¾" diameter .095" wall thickness bar.

If using pipe metal for the main bar, weld joints must have a gusset or triangulation. If using one continuous main bar, no gusset or triangulation requires.

No tall-pipe bar permitted in roll cage.

Must have a minimum 3 (three) cross bars: two in the roof, one across behind the driver at the middle of the seat. If a dashboard has been removed, a fourth bar must be added in its place.

minimum 1 (one) brace, top to bottom, in front window. Must be ½" shaft or larger.

Must have a brace in the foot well made of minimum 1 1/3 inch x .095. Brace should be left of the drivers feet.

Preferred if there is a diagonal bar running from one side bottom to other side top to help with roll-over protection. If running with a passenger seat must be padded.

All bars the a driver van touch from the drive seat must be padded.

all \bars that a passenger can touch from the passenger seat must be padded.

DRIVER SAFETY

Must race with a fitted, DOT- approved racing, motorcycle or 4-wheeler helmet (no bicycle helmets), neck brace, and eye protection. Passenger must have the same.

Racing suits recommended. However, if not using a driving suit, driver (and passenger) must wear fully-enclosed shoes of any type, long pants with no holes, and long sleeve shirt.

Must have at least a 5-point racing harness for each seat. No modified passenger belts or belting system.

Must have a window net on driver's side, and one on passenger side if racing with a passenger.

Must have mesh screen of some type in front window.

BATTERY AND FUEL TANK

Battery may be secured in the original; location under the hood or may be moved to the rear seat area as long as it is secured in a battery box which is secured to the vehicle.

stock fuel must be removed. Must use a fuel dispensing unit, such as a racing cell or marine tank.

No fuel storage units used as tanks.

Tank must be securely mounted in the trunk with straps or bands.

No alcohol, av gas, or nitrous assist. pump fuel only.

SUSPENSION

No weakening or cutting down coil springs.

No removing leaf springs.

Must use stock suspension pickup point.
No adjustable or coil-over shocks

One shock per wheel.

No weight jackers.

No lowering or raising of car in any manner.

CAR NUMBER

Number must be on both driver and passenger doors.

Number must be on roof, facing towards the passenger side of the car.

Number must be at least 18" tall.