

# 2023 B Bomber Rules

## General

### 1.1 Glossary

Original Equipment Manufacturer: Manufactured by the original manufacturer.

The part may not be modified in any way that affects the performance specifications.

### 1.1.2 Stock

The parts may not be modified in any way that affects the performance specifications.

### 1.1.3 Technical Discretion

Inspection and assessment according to the spirit and intended purpose of the rules. The spirit, intended purpose, and safety concerns will always override the current wording of the rules.

1.2 Rule changes from the previous year are in a different color, and bold.

1.3 All rules are subject to Technical Discretion.

1.4 Bombers race with both a driver and a passenger sitting side-by-side and facing forward in the car.

1.5 The passenger must be at least 16 years of age. A photo ID is required of passengers. Anybody under the age of 18 years old, has to be authorized by the track promoter and head tech before getting into a racecar for safety reasons. All safety will be checked by both the promoter and head tech. Must have parents approval, a signed release will be have to be signed by a PARENT. If anyone under the age of 18, without being authorized by the promoter and head tech, the driver of the car will be disqualified from the event.

1.6 No traction control (TC / ETC) devices are allowed in any part of the car.

1.7 American Racer MR970. No altering, conditioning, or softening.

## 2) Suspension- everything must be STOCK and in STOCK location

2.1 Stock shocks only, steel only. In stock location

2.1.2 No rebuildable or adjustable shocks. No racing type shocks.

**2.2 Racing springs, with adjustable front pockets. Shimming OK**

**2.2.2 Coil springs cars & leaf spring cars**

2.3 Stock ball joints, in stock location

2.4 Stock A-frames, in stock location

2.5 Stock trailing arms, in stock location

2.6 No aftermarket brake pedals. Stock brake pedals, in stock location

2.7 Wheelbase; 108 inches

**2.8 Right height rule, 4 inches for metric. 6 inches for leaf spring- will be measured at the sub frame by driver**

## 3) Bodies- everything must be STOCK and in STOCK location

3.1 All stock body panels, sheet metal doors OK

**3.2 No Firebirds, Mustangs, and Cougars unless approved by tech**

**3.3 No less than 108 wheelbase**

#### **4) Weight**

**4.1 3,200 LBS Metric**

4.2 53% left side

**4.3 Camaro and Novas 3,400 LBS**

#### **5) Rearends- everything must be STOCK and in STOCK location**

5.1 Stock rear ends only

5.2 Open rear ends- no binding

5.3 Rear ends must remain same as manufacture. Example; GM remains GM

**5.4 Camaro and Novas must run stock leaf spring, shackles and bushings**

#### **6) Motors- everything must be STOCK and in STOCK location**

**6.1 602 crates allowed.**

**6.2 Open motors- 360 cubic inch motor, 185 compression, 14 inches of vacuum only.**

6.3 All motors must have a 2 barrel carburetor. 500 CFM, gauge legal

6.4 Clutches; 10 inches. Must be stock

6.5 No aluminum fly-wells

6.6 Stock transmissions. For example, GM to GM. STOCK manufacture

6.7 Must be cast-iron exhaust manifolds

#### **7) Fuel**

**7.1 Pump gas only or E85 pump gas**

**Our intent for this class is to make this a cost effective class, that people can afford to race.**

**ALL RULES SUBJECT TO CHANGE**