

## **SCRA Rules – Bomber Class – 2016**

### **A. BODY**

1. The Bomber class will be open to any North American or Import made, front wheel drive, V6 engine or less.
2.
  - a. External body must be stock appearing.
  - b. Sunroofs must be enclosed.
  - c. No altering of body
3.
  - a. NO aftermarket bodies, nose cones or tail cones.
  - b. NO wing skirts or anything that alters stock appearance
  - c. Non-functioning hood scoops to a maximum of 4" high are allowed.  
Hood scoops must be bolted or welded.
  - d. Stock bumpers ONLY. No reinforcing.
  - e. NO object may be welded on the vehicle, such as trailer hitches or any reinforcing, with exception for side impact guard.
  - f. OEM hood only and must be securely fastened with at least 1 chain through hood, hoods are mandatory on the race vehicle while on the race track.
  - g. Trunk must be chained
4.
  - a. NO gutting of interiors allowed except room for roll cage, firewalls to remain in the original locations. Carpets must be removed.
  - b. NO gutting of kick panels or hoods.
  - c. Interior must remain for crash protection
5.
  - a. Wheel openings may not be radiused, with exception to damage after an accident where the metal is touching a tire.
  - b. Absolutely no cutting of inner floor in cab, other than cage clearance.
  - c. Front splash shields may be removed. Rear wheel houses and front structure must remain in place.
6.
  - a. NO ballast allowed. Any items installed in vehicle that could be considered ballast are at the discretion of the tech committee.
  - b. Battery can be relocated as long as it is to the trunk and securely fastened in a marine box.
7.
  - a. All sharp edges, torn fenders, bumpers and body panels to be repaired prior to next race day.
  - b. Crash bars must be no wider than 12" and no narrower than 6", attached from wheel well to wheel well flush with body.  
.125 wall thickness minimum and mounted at bumper height for the vehicle they are attached to.

## **B. BUMPERS**

1. Stock appearing bumpers in stock locations.
2. a. NO cutting of bumpers.
- b. NO cow catchers.
3. Tow chains must be mounted to frame or bumper, both LHS and RHS in the front and one hook in the rear of the truck.
4. NO trailer hitches.

## **C. FRAME AND SUSPENSION**

1. a. Stock suspension only for make and model of vehicle. Control arms, steering components and ball joints are to remain stock and in stock location for make, model and year.
- b. NO offset ball joints.
- c. NO racing control arms or suspension components.
2. Stock rubber suspension bushings allowed.
3. a. Stock mounting locations for shocks only.
- b. One shock per wheel only.
- c. NO racing brand shocks.
4. a. Stock location for springs only.
- b. Stock springs only
- c. NO racing springs
- d. NO weight jacks, weight jacking devices or spacers in coil springs.
- e. NO lowering blocks.
- f. NO leaf sliders
- g. NO cutting of springs
5. Frame and suspension parts must be factory to year, make and model of vehicle and stock replacement.

## **D. RADIATORS**

1. Radiator must be mounted in stock location.
2. Only 1 radiator per vehicle allowed.
3. NO coolant devices of any kind in driver's compartment.
4. Aluminum radiators allowed.
5. Radiator must be suited with overflow tank.

## **E. TRANSMISSION**

1. a. Stock transmissions only  
b. One forward and reverse gear must work.
2. a. Stock oil filled torque converter  
b. NO racing types of any kind

## **F. WHEELS**

1. Steel wheel studs only.

## **G. ASPERATION**

1. Must be stock for make, model and year of vehicle.
2. Air cleaner housing can be relocated in engine compartment.

## **H. ENGINE**

1. a. Engine location must be stock.  
b. Stock motor mounts. NO solid mounts.  
c. All engines must be chained down, one on each side.  
d. No aftermarket performance parts with exception to air cleaners.
2. a. NO porting or polishing  
b. NO match porting  
c. NO grinding or CNC machining of any kind on heads, exhaust manifolds or intake manifold except for valve guides and seats to grind flat.
3. NO dry sump systems
4. Wires and plugs at your discretion
5. NOT allowed to lock vacuum and mechanical advance in distributor.  
Stock distributor only.

## **I. BRAKES**

1. Brakes must work at all four wheels
2. Stock routing and stock proportioning valve for make and model with stock routing of lines through the valve.

## **J. CAGE / SAFETY EQUIPMENT**

1. Roll cage must be minimum of one hoop behind drivers head with 3"x 48" top cross bar or 1' x 1' plate top and bottom with minimum 2 – 3" pipes running 1' apart, outside edge to outside edge behind driver's seat. Bolted in top and bottom plates.
2. Must use 5 point harness. No date requirement but must not be faded.

