



## **2016 COMPETITION RULES BOMBERS DIVISION**

***All parts with identification numbers removed or covered will be considered illegal. It is ultimately the obligation of each participant to insure that his or her conduct and equipment comply with all applicable The New Stockton 99 Speedway rules and regulations. No expressed or implied warranty of safety shall result from publications of or compliance with these rules. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to participants, spectators or others.***

***Track Officials interpretation shall supersede any and all other interpretations. When there is no specific rule to govern the occasion, the official's ruling shall be final. In order to assure fair competition, any official may require a competitor to change or modify equipment, or may require a competitor to compete in the next higher division. All equipment is subject to the approval of track officials. The rules as set forth on the following pages are intended to be as cost effective as possible. No equipment will be considered as having been approved by reason of having passed through inspection. Any equipment which does not conform to the specifications or tolerances contained in The New Stockton 99 Speedway rulebook will not be eligible for approval during the 2016 season. All cars may be weight factored at anytime to equalize the competition.***

### **ELIGIBILITY:**

You must be 14 years old. All drivers, owners and mechanics must be registered members of Stockton 99 Speedway and in good standing. The charger or learners permit license is the appropriate license for this division.

### **COMPETING MODELS:**

1. Pre-2010 models of American-made steel bodied passenger sedans.
2. No high performance models allowed. (i.e. Corvettes, etc.)
3. Trucks, Station Wagons, Rancheros, and El Camino's are allowed.
4. No Convertibles, Jeeps, or 4x4's are allowed. Front wheel drives are allowed.
5. Minimum wheel base is 108". "Pony cars" allowed.
6. A driver and passenger are mandatory.

### **ENGINES:**

1. If it is stock without any alterations and came under the hood of the car, it is legal unless otherwise noted.

2. No racing components of any kind are allowed.
3. No exhaust pipe any larger than 2 1/2" before muffler, and must be turned down after muffler.
4. Mufflers and tailpipes are mandatory.
5. Exhaust must meet the maximum 85 D.B.A. rule.
6. No anti-freeze or coolants allowed.
7. The New Stockton 99 Speedway reserves the right to lower the decibel requirement at any time.
8. Maximum 16 inches of vacuum at 1000 rpm.
9. Maximum .500 inches cam lift measured at the valve.
10. K&N filter allowed. Maximum filter size 17" x 4", round.
11. After market air filter housing allowed. Top and bottom must be metal & same size as filter.
12. No fuel injection, turbo chargers, super chargers, or performance carburetors.
13. OEM stock replacement carburetors allowed or you may run stock out of box 4412 with 1" spacer, removal of choke plate and shaft only, no cutting of airhorn, subject to track officials' approval.
14. No aftermarket ignition allowed.
15. No vortec engines allowed.
16. 602 allowed stock only. Must have factory seals and track seals. Must run stock 4412 out of the box.

#### **RADIATOR:**

1. Only one radiator mounted in stock position.
2. A simple 1-3/4" OD loop may be built in front of radiator for protection not to extend above radiator or beyond bumper.

#### **TRANSMISSIONS:**

1. Any stock OEM transmission
2. Must run torque converter
3. Must have working reverse. NO Couplers.
4. Must have stock oil pan on transmission

#### **BODIES:**

1. Must be complete and stock, including all sheet metal.
2. Cars must be neat appearing and must be painted.
3. Rear inner fender panels must be left intact, front optional.
4. Inner door panels may be removed for door bars.
5. Remove all chrome and plastic exterior body parts.
6. Doors must be chained, bolted or welded closed.
7. Fenders maybe cut up to three-inches for tire clearance.
8. Cars must remain stock appearing.
9. Aftermarket nose and tail pieces allowed. Different models may be interchanged.

#### **GLASS:**

1. Removal of all glass and plastic is mandatory, including, but not limited to, headlights,

directional signals light bulbs, and exterior mirrors.

2. Windshields may be left in or removed.

If left in, windshields must be strapped in each corner with two straps in the middle, inside the car. If removed, it must be replaced with screen mesh (half inch maximum) or Lexan covering the entire opening. One mirror (8" x 4") maximum is allowed.

### **BUMPERS:**

1. No reinforcement of bumpers allowed; however, they must be chained or cabled to avoid loss on racetrack.

2. Bumper chains/cables must be at least 1/4" in diameter.

3. Bumper ends must be bolted to the body to prevent hooking with another car.

### **SUSPENSION:**

1. All suspension components must remain stock. No cutting, welding or modifying

2. No racing springs. Stock spring may be cut or heated. No spacer plates on leaf springs, however, uneven amounts of leaf springs may be installed; leaf springs shall be bolted together and U-bolted to the rear end housing.

3. Minimum 6" ground clearance.

4. Brakes must be stock. May upgrade front brakes to disc. Must be OEM stock single piston. No aftermarket allowed. Must be standard equipment for year, make and model.

5. Frames must be completely stock. No alterations of any kind.

6. Rear ends must be stock for year, make and model. No locked rear ends.

7. Stock steel wheels not exceeding seven-inches are to be used. Wheels must be stock off set only. 7/16 or larger wheel studs mandatory

8. No bump stops are allowed.

9. Any DOT tire within range of 205/70R15-235/70R15. 7" steel wheels only.

10. NO aftermarket sway bars OEM only. Sub frame connectors allowed.

### **WEIGHT**

1. All cars must weigh 3500 pounds at all times including fuel, driver and passenger. "Pony style" cars, (except 6 cylinders) must weigh 3650lbs minimum. All cars must have maximum 52% left side weight.

2. Any weight added to car shall be located behind rear axle in package area, and not to extend below frame. Bolted securely with minimum 1/2 inch bolts and painted white with car number and must be lead or steel only. Weight to be added will be at the officials discretion and supplied by the driver or owner of the vehicle.

3. All weight must be mounted above frame rail in compartments.

### **SAFETY**

1. A six point roll cage is mandatory with front and rear halo 8 point recommended.

2. Uni-bodies must have minimum 6" x 6" x 1/4" plate on top and bottom of floor with a minimum of four 1/2" size bolts.

3. Round steel tubing 1-3/4" x 0.095" minimum shall be used for the roll cage (no

galvanized pipe).

4. Roll bars in driver's area must be padded.
5. Four door bars required on both sides. 24" x 36" x 1/8" thick plate bolted or welded to the outside of the door bars.
6. You may have two bars extending from roll cage to frame horn.
7. Aluminum race seats are mandatory.
8. Seats must be mounted with no less than (4) 3/8" grade 8 bolts. A seat mount loop is required. It must be attached to the roll cage, minimum 1" outside diameter and .095" wall tubing. Subject to tech approval.
9. No fiberglass or plastic seats are allowed.
10. A five point harness is mandatory.
11. Belts cannot exceed 3 years from date of manufacture.
12. All belts must be securely fastened to the frame or the cage with 1/2" grade 8 bolts.
13. Bolts may not be inserted through webbing for mounting.
14. An approved window net is mandatory on both the driver and passenger sides.
15. Only Stockton 99 approved full face helmets will be allowed, SA-2005 or better.
16. No "M" type helmets.
17. Neck brace and gloves are mandatory. (HANS, HUTCHENS OR EQUIVALENT IS HIGHLY RECOMMENDED).
18. Fire suits are mandatory for both driver and passenger and must be kept clean and in good repair.
19. All cars must have an approved operational fire extinguisher mounted within reach of driver or passenger.
20. Steering Column may be replaced with steering shaft and heims, mandatory 3" collapsible section.
21. A quick release metal coupling on steering wheel is mandatory.
22. All crew members and guests are required to have matching team shirts. No open toed shoes allowed.
23. Radios allowed.
24. Transponder must be mounted a minimum of 10" behind the rear axle housing.

#### **FUEL:**

1. Gasoline only, no additives allowed.
2. Racing gasoline is permitted.

#### **FUEL CELLS:**

1. A fuel cell container made of 22 gauge steel must be fastened to the trunk floor.
2. Fuel cell and container must be installed as far forward as possible in trunk and be no larger than 22 gallons.
3. Metal strapping-minimum of four straps (two each way) is required. Minimum of 1" wide x 1/8" thick strapping required, NO PLUMBERS TAPE. Must have minimum 2"x 2" plate or washer under floor boards for fuel tank straps.
4. Coil vent must be placed through trunk floor.
5. Fuel cell filler neck must be grounded to the car.
6. One rear hoop to protect fuel cell recommended.
7. A fire wall of steel not less than 22 gauge thickness must be located between the

trunk and the driver/passenger.

8. A labeled shut off valve or Oberg valve is mandatory located in the cockpit.
9. Vent hose check valve mandatory.
10. Ground strap on fuel cell mandatory.

#### **BATTERY:**

1. The battery must be moved into the passenger compartment, securely fastened/strapped in place and must be wrapped in rubber to prevent acid spillage. Must be mounted behind driver's seat.
2. No boat/plastic boxes.
3. A labeled master ON/OFF switch must be located in driver cockpit. The switch must be wired to the battery cable in a manner that would cut off all electrical power to the car.

#### **IDENTIFICATION:**

1. To insure the proper scoring, contrasting block numbers with a minimum one and one-quarter inch borders are required.
2. Numbers must be painted on both doors (minimum 16-in.) and top (facing right side/ 24-in.) and must measure five-inches wide. If letters are used, they must measure at least six-inches high. If circles are used, they must measure a minimum of one and one-quarter inches wide (circle thickness) and must circle completely around the number, not through it.
3. Cars must also have a six-inch high number on the left taillight area.

#### **GENERAL RULES:**

1. All drivers are required to have a passenger in the vehicle when qualifying, during heat races and main events.
2. Drivers are responsible for tire removal. Tires and/or fluids must be removed from the speedway by the competitors. Purse/Payout may be delayed until disposal issues are resolved.
3. Competitors will come to the scale/pre-grid area in order. Positions will be posted at the pit shack and it the sole responsibility of the driver and or driver's crew to know the proper order for pre-grid. If a competitor is not found to be in his/her correct order, that competitor can be sent to the back of the starting order at the discretion of the chief steward.
4. If a competitor has a mechanical failure and cannot comply with rule #2 of the General Rules section, competitor must notify the official at the pit shack immediately.
5. When entering tech lane, no lifting, no jacks, no adjusting allowed. Failure to do so could result in losing qualifying or starting position at the discretion of track officials.
6. Cars failing to meet height or weight requirements will be sent to the back of main event, heat races, and/or trophy dashes, all to the discretion of track officials. \$50 claim will be imposed. Claim must be made in writing within 5 minutes of main event.

**POST RACE INSPECTION:**

All post race inspection is at the discretion of the official(s) and may include impoundment of the car for further inspection at the discretion of the official(s). Refusal to leave the car in impoundment will result in a disqualification and forfeiture of all points, monetary awards, and trophies. Additionally, there will be no refunds for the evening.

**POST RACE PROTEST PROCEDURE:**

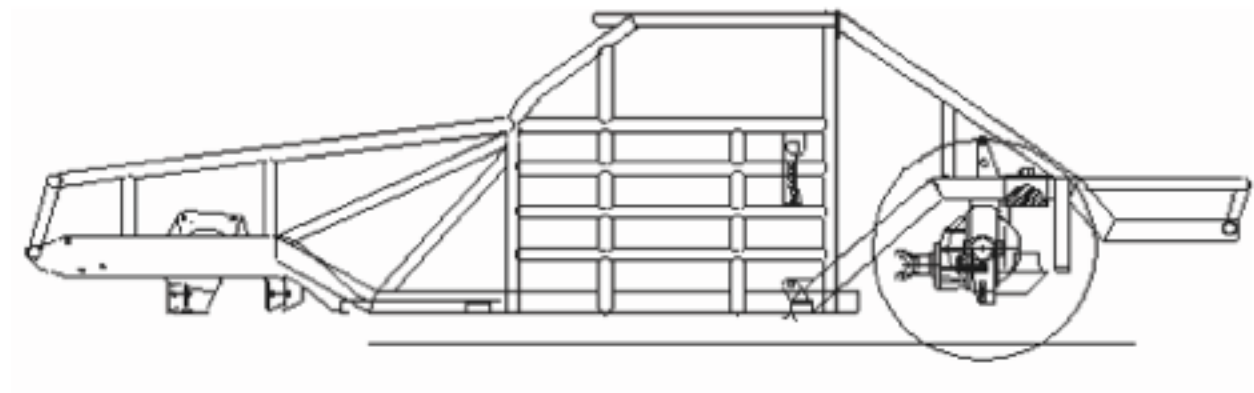
Any car, or driver, may be protested by a car owner or driver in your class on that evening's event. Protest must be specific in nature of part(s) to be checked with a maximum of 3 visual per protest. Protest shall accompany a written protest, \$750, cash only, and a 2016 Stockton 99 license. Fee may be higher subject to severity of issue(s). To be determined by the Chief Steward, the sole discretion of the Chief Steward. Any entire engine subject to protest will accompany \$2500, cash only, and a Stockton 99 license. Car will be impounded by the Track Chief Steward and brought before the approved engine builder (to be determined solely by the Chief Steward) within 72 hours, with the outcome to be made public prior to the next scheduled race. Engine protests requirements are as follows:

- A. Protesting driver must finish the main event, on the lead lap.
- B. Protesting driver must be in the top ten in points.
- C. Protest must be deemed a legal protest.
- D. Protest must be made in writing within 5 minutes of the checkered flag of the prospective division that the protest is a direct result of.

Weight may be added at a Track Chief Steward's discretion to ensure equal/fair competition.

Drivers are responsible for all owner/crew/visitors in their pit area. Any fights/fighting will result in suspensions, loss of points, loss of any monetary awards for the night's event, and fines.

**Diagram:**



***The New Stockton 99 Speedway reserves the right to change these rules and regulations at any time, without notice. These rules and regulations are subject to revision and/or amendment as needed in addition to the interpretations of the Track Officials.***