



The New Stockton 99 Speedway  
2016 Competition Rules  
STOCKTON LATE MODEL DIVISION

**INTRODUCTION**

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 interpretations 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 racing season. All cars may be weight factored at anytime to equalize the competition.

**ELIGIBILITY:**

You must be 14 years of age. All drivers, owners, and mechanics must be registered members of Stockton 99 Speedway and in good standing. The charger or learner's permit license is the appropriate license for the Super Stock Division.

**COMPETING VEHICLES:**

1. Open to all pre-2016 American made passenger cars with a stock 105" minimum wheelbase.
2. No jeeps, trucks, convertibles, vans or station wagons.
3. No four-wheel drive vehicles.

## **ROLL CAGES:**

1. Full roll cages designed for the safety of the driver in case of a rollover or side impact.
2. Uni-body cars must have minimum of 6" x 6" x 1/4" plate on top and bottom of floor with a minimum of four 1/2" bolts.
3. Round steel tubing 1-3/4" X 0.095" minimum shall be used for the roll cage (no galvanized or black pipe).
4. The driver's head must have a minimum 2" clearance from the bottom of the halo.
5. The driver's side cage must include 4 door bars; 24" X 36" X 1/8" thick plate (steel or aluminum) bolted or welded to outside of door bars is mandatory.
6. The passenger side must have a minimum 4 bars with an "X" for reinforcement.
7. All cars must have a rear fuel cell loop.

## **BODIES:**

1. Windshields must be Lexan or safety screen only. Two metal straps, minimum 1/8" thick by 1" wide shall secure windshield mounted in such a manner inside as to prevent entry of a tire into driver's compartment.
2. A steel firewall, minimum 22 ga. steel between driver's compartment and fuel cell is mandatory. Modifications of the front firewall, at the discretion of Track Officials, may result in a minimum additional weight requirements of 100 lbs.
3. A maximum of two mirrors of any kind allowed.
4. Aftermarket bodies, steel, aluminum, or fiberglass allowed. Roofs may be fiberglass or steel.
5. Replacement panels from performance bodies are allowed. Aftermarket nose/tailpieces may be used. Different models may be interchanged.
6. Spoilers: Rear spoilers, no taller than 6". Side deflectors, maximum 18" long. Must taper from 6" to 0"; no sharp edges or protruding parts allowed.
7. Tubular bumpers may be used.

## **CHASSIS:**

1. Tube frame allowed, 2x3 095 OEM steering assembly only. Lower control arms located in stock position. Tube front frame will be required to place 25lbs on each side in front horn, 50lbs total.

2. Ride height will be at a minimum of 4" of clearance, at lowest point, with driver in car.
3. Aftermarket coil springs may be used.
4. Weight jacks or spring adjusters are allowed. Rear spring pockets may be modified to lower car.
5. Front spindles, rotors, single piston steel calipers and lower control arms may be interchanged, GM to GM, Ford to Ford, etc.
6. After market upper control arms and mounts allowed.
7. Screw-in ball joints allowed.
8. Steering must be stock and OEM location only.
9. Steering column must be collapsible with a minimum of 3" of travel.
10. Rear disc brakes are permitted. Single piston steel calipers, after market brackets and rotors are allowed. No aluminum calipers or rotors are allowed.
11. Lowering blocks will be allowed.
12. Aftermarket shackles and slider boxes allowed.
13. Rear coil spring (4 link) style cars may change top link mount to 3 link.
14. Adjustable trailing arms, 30" maximum. Spring loaded or cushioning components are not allowed. Adjustable trailing arms must be steel, minimum 1" outside diameter .095 wall. Steel heim joints only.
15. Adjustable panhard bar allowed.
16. Aftermarket brake pedal assemblies and master cylinders are allowed. Brake bias and inline proportioning valves allowed.
17. One shock absorber per wheel is allowed in any location.
18. Only steel twin tube shocks allowed. Maximum shock price \$100, nationally advertised retail, (no Ebay, etc.). No mono-tube shocks will be allowed.
19. Shocks that are in question must have Official's approval before they will be allowed on any car. CLAIM RULE: A \$100 claim per shock can be made to buy another competitor's shock. No shocks can be claimed prior to the main event.
20. Lead weights must be in block form and bolted in a safe manner, per Official's approval. Added weight must also be painted white and clearly marked with car's number. No block will be less than 5 lbs. Violation of this rule will result in penalties at the sole discretion of the Chief Steward.
21. At the discretion of the Officials, added weight may be required and must be supplied by owner or driver of the vehicle.

**WEIGHT:***ENGINE:*

1. Factory-sealed 602 crate motors, will weigh 2900 lbs with driver
2. Factory-sealed 604 crate motors will weigh 3000 lbs. with driver; with aluminum heads, 3050 lbs. with driver.
3. Non-factory sealed crate motors, with steel heads, will weigh 3100 lbs. with driver; with aluminum heads, will weigh 3150 lbs. with driver; with spec heads, weighs 3150 lbs. with driver.
4. Open motors, with steel heads, will weigh 3200 lbs. with driver; with aluminum heads or Brodix, #8, #10, Pontiac heads or any heads of that type, will weigh 3250 lbs. with driver.
5. Additional weight may be added at Official's discretion.

*PLACEMENT OF WEIGHT:*

1. Weights must be securely mounted on or in a weight box hung under the frame rail.
2. Maximum 58% left side weight.
3. All at Official's discretion.

**TIRES AND WHEELS:**

1. All competing cars will not exceed 78" track width. This will be measured from the bulge of the outside of tires.
2. No wheel will be greater than 15" X 8".
3. Wheels must be steel.
4. You must have 1/2" or larger wheel studs. Five studs per wheel is required.
5. Tires are required to be 970 Hoosiers only.

**DRIVE TRAIN:***TRANSMISSION:*

1. All production automatics allowed. May use coupler.
2. Transmission cooler cannot be located in driver's compartment.
3. Standard transmissions, such as Munci or Saginaw, clutch assembly 5.5" or longer.
4. Must have full blow proof bell housing.
5. Hydraulic throw-out bearings and slave cylinders permitted.

6. Must have Reverse.

*DRIVE SHAFT:*

1. The drive shaft must be steel and painted white.
2. Must have two safety hoops made of at least 1/4" X 2" steel strap 6" from front and rear of u-joints.

*REAR ENDS:*

1. Rear ends may be interchanged between manufacturers.
2. Locker type or torque sensing are allowed.
3. Floater rear-end housing allowed.
4. Quick-change rear-end allowed.

**ENGINES:**

*ENGINE SETBACK:*

1. Engine must be no further than number 1 spark plug on the short side of the block, any engine set back further than this point will be penalized 35lbs per inch, maximum of 3 inches.
2. Tampering with Spec engines and/or heads shall result in loss of, but not limited to, accumulated points, prize monies, and suspension, at the sole discretion of the Chief Steward.
3. Yellow book or Stockton 99 engine builder approved seals only. Failure to have these seals will result in your motor to be a spec. motor (see engine rules) i.e. wire and/or lead seals not approved.

**CARBURETORS:**

1. Must have a gauge legal Holley 4412 only.
2. May remove choke plate.
3. Maximum cubic inch is 360, maximum compression 10 to 1.
4. Claim Rule: Carburetors may be claimed within 20 minutes of finish of main event for \$450 and exchange of claiming driver's carburetor. Claiming driver must have participated in same race.
5. All crank shafts shall not be less than 40.
6. No porting, grinding, or polishing of any kind allowed.
7. Aftermarket roller tip or shaft rockers will be allowed.
8. Aftermarket rocker studs and push rod guide plates will be allowed.

9. A maximum 1" carburetor spacer of any make of material is allowed.

10. No anti-freeze or coolants allowed.

### **IGNITION:**

1. Factory production or aftermarket HEI shall be permitted.

2. Billet or cast aluminum optional.

3. Aftermarket MSD 6AL ignition allowed. No "programmable" ignitions allowed.

4. No mags allowed.

### **AIR CLEANERS:**

1. Only round dry type air filter element permitted.

2. K & N filters are allowed.

3. Maximum size to be used is 16" X 4".

4. No air boxes allowed. A front debris deflector is allowed up to 1/2" the circumference of the housing.

5. Bottom housing must mount directly to carburetor.

### **EXHAUST:**

1. Headers allowed. Maximum \$450 nationally advertised retail price (no Ebay, etc.).

2. Mufflers and exhaust must be used on all racecars that enter the racing surface. Exhaust system must be mounted in such a way as to direct spent gasses away from cockpit of vehicle and away from areas of possible fuel spillage. Mufflers are required with a 95 or less D.B.A. reading at 100. Mufflers must be dump down, not out of door, and secured properly to the racecar on the right side only. Cars that do not meet the D.B.A. reading will be sent home.

3. Must not use wire or plumbers tape to secure muffler.

### **BATTERY:**

1. Battery must be moved into the passenger compartment behind driver's seat.

2. Battery must be firmly secured to the floor and covered with an inner tube.

3. No plastic battery boxes are allowed.

4. Only one automotive battery per car allowed.

5. A master on/off switch must be located in driver cockpit and clearly labeled and within safe reach of Officials.

**FUEL:**

1. Gasoline only, no additives allowed.
2. Racing gasoline is permitted.
3. No Nitrous-Oxide of any kind allowed.
4. E85 fuel is legal.

**SAFETY:**

1. Only Stockton 99 approved full face helmets will be allowed, SA-2005 or better.
2. No "M" type helmets allowed.
3. Driver fire suits are mandatory and must be kept clean and in good repair.
4. Long hair cannot be exposed (visible outside of helmets).
5. Racing gloves and shoes are mandatory.
6. HANS or HUTCHENS devices are mandatory; or other approved head/neck restraints.
7. A quick release seat belt and shoulder harness, no less than 3" wide is mandatory, as well as an anti-submarine (crotch) belt.
8. The belts must be attached to the cage with 1/2" grade eight bolts and a 1/8" (or larger) safety cable installed as a backup.
9. Belts will need to be in a three year window of the date that it was manufactured.
10. Officials will inspect seatbelts and drivers will not race if they are not fastened correctly and securely.
11. Racing seats are mandatory. No fiberglass or plastic seats allowed.
12. Seats must be mounted with no less than 4-3/8" grade 8 bolts. A seat mounting loop is required. It must be attached to the roll cage. Minimum 1" outside diameter, .095 wall.
13. Steering column may be replaced with steering shaft and HEIMS and a 3" collapsible section is mandatory.
14. A quick release metal coupling on steering wheel is mandatory.
15. Radio communications are required.
16. Window nets must be securely fastened and have a tight fit with the quick release facing the driver. (No fine mesh window nets allowed).
17. All crew members and guests are required to have matching team shirts. Absolutely no open toed shoes allowed.

18. Transponders must be mounted a minimum 10" behind the rear axle housing.

#### **FIRE EXTINGUISHER:**

1. A minimum of a one pound fire extinguisher is required in all cars.
2. Fire extinguisher must be mounted securely and have a quick release latch within the driver's reach.
3. Fire extinguisher system must be mounted in an approved mounting rack.

#### **FUEL CELL:**

1. A 22 gauge can racing fuel cell is mandatory.
2. The fuel cell must be no more than 22 gallons and mounted no lower than 10" from the ground.
3. Must have a 1" X 1" X 0.095 cage mounted to frame.
4. A rollover check valve or coiled tubing must be mounted to the gas tank air vent at its highest point.
5. Fuel line in cockpit area must be in the following material:
  - a. Stainless steel braided racing hose.
  - b. High flow aluminum fuel lines.
  - c. Fiber braid reinforced synthetic rubber liner,
6. Fuel shut-off valve mandatory within side of driver cockpit. Oberg valve is allowed.
7. Ground strap on fuel tank required.

#### **IDENTIFICATION:**

1. To insure the proper scoring, contrasting block numbers with a minimum 1-1/4" borders are required.
2. Numbers must be painted on both doors (minimum 16") and roof (facing right side; 24") and must measure 5" wide. If letters are used, they must measure at least 6" in height. If circles are used, they must measure a minimum of 1-1/4" wide (circle thickness) and must circle completely around numbers, not through it.

#### **GENERAL RULES:**

1. 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.
2. Competitors will come to the scale/pre-grid area in race position order. Positions will be posted



- at the Pit Shack and it is 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 her/his correct order, that competitor can be sent to the back of the starting order at the discretion of the Chief Steward.
3. If a competitor has a mechanical failure and cannot comply with Rule #2 if the General Rules section, competitor must notify the Official at the Pit Shack immediately.
  4. 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.
  5. Cars failing to meet height or weight requirements will be sent to the back of main event, heat races, and/or trophy dashes, all at the discretion of Track Officials.
  6. Any infraction not meeting Stockton 99 Speedway Track rules and regulations may have a 50lb. penalty for each infraction.
  7. If not repaired by next week or race, they have penalties of an additional 50 lbs. per each infraction not repaired.

#### **POST RACE INSPECTION:**

All post-race inspection is at the discretion of the Track Officials and may include impoundment of the car for further inspection. Refusal to leave racecar in impoundment will result in a disqualification and forfeiture of all points, monetary awards, and trophies. Additionally, there will be no refunds for the event/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.

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