

RIVERSIDE SPEEDWAY

2010

SUPER STOCKS DIVISION RULES

A. COMPETING MODELS

1. Any 1970 or newer, rear wheel drive, American made car, with a 101" minimum wheel base is allowed.

B. BODIES/INTERIOR

1. All flammable materials must be removed from the driver's compartment.
2. Cars must be neat appearing.
3. Complete hood, roof, and trunk must be stock in stock location. Stock body parts or stock appearing aftermarket panels allowed. Stock roof in stock location. Aftermarket noses and tails may be used, must match make.
4. Complete uni-body must be retained. Stock steel unaltered floor pan, firewalls, trunk and trunk floor must be retained. Spare tire well may be removed.
5. Both front door panels may be gutted. Front fender wells and liners may be removed.
6. Hoods and trunks may be gutted. Hood pins on all four corners required.
7. All other body panels must be uncut and in stock position. Five Star lexan type rub rails allowed no steel or aluminum.

8. No gutting of frames around hatchback window.

9. Front and rear firewalls must have holes patched with 20 gauge steel. In the case of hatchbacks, where there is no rear seat back shelf, a firewall must be created equal to the height of the original rear seat and extended to the rear deck lid area in order to cover the fuel cell.

C. DRIVETRAIN: TRANSMISSIONS

1. Only stock standard three (3) speed standard or a stock three or four speed automatic transmission with all working gears.

2. Must have a steel shatter shield or an approved fabricated cover made of 1/4" thick 6" in width, and must cover the top and sides of bell housing.

3. Drive shafts must be OEM, steel only, and painted white. Two drive shaft loops to fully enclose drive shafts are mandatory. Loops can be no less than 1" wide, and 1/8" thick, and must be placed around drive shaft front and rear, attached to the floor or the cross member.

4. Stock clutch and flywheel assembly only. One clutch, one pressure plate only allowed. No lightening of pressure plate. No aluminum pressure plates allowed all steel assembly. Must have inspection hole (2" minimum) drilled in bottom of bell housing unit for inspection viewing. Flywheel, clutch and pressure plate must weigh a minimum of 40 pounds combined. Stock steel replacement clutch, pressure plate, and fly wheel. 10 1/2" clutch minimum.

5. Automatics may only use stock steel torque converter, flex plate and valve body

6. Transmission cooler lines may be connected together or use transmission oil cooler mounted in an approved area.

7. Camaro's can modify suspension bar to mount to 3 speed standard transmission. Must mount original height on the tail shaft in rubber.

8. Stock rear end for make, model and year. No cambered or bent rear ends. No posi-traction, limited slip rear ends. Rear ends may be locked, may be welded or use a spool. After market axles are mandatory on the right side, highly recommend for both sides. 3.50 is the lowest gear ratio allowed. No 410's.

9. Frame rails behind rear tires may be replaced. Must retain stock design and be made of 2"x4" tubing .120 thick. Rust holes may be repaired with 18 gauge steel as original from factory.

D. ENGINES

1. All engine components must remain stock as for your manufacture. Crank rods and pistons must be stock or stock replacement for block.

2. .Maximum engine displacement: GM 350+.040, Ford 351 + .040, Chrysler 360 + .040.

3. Stock Holley R4412 only. A Holley R4412, 500cfm requires a maximum 1" thick adapter plate and two standard gaskets. No modifications other than to remove stock choke plate. Must pass Go-No-Go gauge.

4. Stock 2 barrel cast iron intake and stock cast iron exhaust manifolds for your manufacturer. No aluminum.

5. Pistons must be dished stock type or OEM replacement flat top pistons with four valve relief. No performance pistons and/or valve reliefs allowed. Any questions check with Tech for allowable types. There will be a minimum of .020 between the top of the piston to the top of the block.

6. Stock type air breather with filter is mandatory. No open hood scoops. No K+ N type air filters.

7. Cams must remain stock for your manufacturer with a maximum of .420 lift. Stock lifters and valve springs required.

8. A working alternator, battery and starter are required. Stock type ignition only for your make, model, and year.

9. Double roller timing chains are optional.

10. Heads must remain stock for your manufacturer with a minimum 74cc chambers- 305 Chevy's 58cc Maximum valve size 194 Intake-150 Exhaust.

Minimum head gasket thickness .038. No center bolt valve cover heads allowed.

11. Cooling systems- Any radiator that fits into stock location. Aftermarket radiators and mounts are allowed. No Electric fans, stock only. A radiator overflow catch can is mandatory. Water and only red is approved water-wetters. Absolutely no Antifreeze/Engine Coolant or other glycol based liquids allowed. Any driver found using these liquids may be subject to a fine of up to \$300.00

12. Exhaust pipe shall have a maximum (2) inch outside diameter maintained and extending from manifold to outlet end. Exhaust end must extend beyond drivers' compartment, exit in dual, and point down towards track.

13. Extended Capacity oil pans are allowed, but with no baffles, screens or windage trays (other than what is on oem stock) designed to keep the crankshaft out of oil. Only baffles allowed are to direct oil to the pickup tube.

E. SUSPENSION

1. No maximum camber. Strut towers may be slotted.

2. Suspension parts must remain stock for make, model and year of your car.

3. Minimum ride height with driver shall be six (6) inches. This includes frame, body, welds and lead.

4. Suspension parts must remain absolutely stock for make, model and year of your car.

5. Non-adjustable struts only. \$110.00 maximum allowed price per strut. Non-adjustable welded steel shock only \$70.00 maximum price per shock. No air shocks. Only one steel shock per wheel allowed

6. Any spring combination allowed front or rear. Spring rubbers allowed between the coils only. No adjustable spacers. No composite leaf springs allowed. Rear leaf spring hangers, may be adjustable up to 3 inches center to center. 1 leaf difference side to side allowed. .

7. Stock sway bar and components in stock location for make, Adjustable outer links allowed.

8. Front – end camber and caster adjustments are allowed within stock allowances. Offset A-Frame shafts permitted. Upper and lower A-Frames must be stock for make, model, year and the same size on both sides. No modifications allowed except for shock clearance. Rear must remain within stock limitations.
9. No jacking bolts or other devices. No adjustable spacers.
10. Springs must remain in stock location without altering the spring pockets.
11. Suspension components must be mounted in stock locations.
12. Front and rear spring spacers must be equal within 1/16” side to side. Spring rubbers allowed.
13. Safety hub required on the right front.

F. WEIGHT

1. Minimum weight with driver will be 3100 pounds after race.
2. Maximum left side weight rule – 54%
3. Added weight: Lead bars must be 5 pound minimum, painted white and bolted securely to the frame rails, and may not be concealed. All weight (bolt-on) must be located in front of rear axle and above or on inside of factory frame rails. No weight may be hung beyond the width of the original factory frame rails. Lead bars must have car number either painted on or stamped in for easy identification.
4. Races of 50 laps or more you will be allowed 1 pound per green flag lap.

G. TIRES/WHEELS

1. Super stock tires to be announced.
2. All tires must be purchased at Riverside Speedway.
3. Every tire must have car number painted on both sidewalls and the inside of the tire.

4. No tires are to be left on speedway grounds. Any tire left on the grounds will result in loss of earnings from that night's activities and loss of points for that night. A \$50.00 fine will be imposed and paid before being allowed to race.
5. Each team may purchase eight new tires at the beginning of the 2010 race season.
6. 4" offset wheels as well as 3 ½ inch offset wheels are allowed with the following stipulations:
 - If you use a 4" offset wheel, you must use 4" offset wheels on all four corners of the car. No exceptions.
 - If you use a 4' offset wheel, you are required to have a ½" steel spacer GM Metric cars only.
7. There is no longer a 50 lb weight penalty for metric cars running an 8" rim with a 3" offset.
8. Camaro's Old and New style may now run 8" wheels with a 4" offset only. No spacers allowed.
9. Four wheel brakes are required, and shall be in working order at all times.
10. One inch (1") lug nuts must be used on all wheels. Larger wheel studs are optional. No lead weights allowed on wheels.
11. A durometer rule will be enforced.
12. Any tire found to be softened will be illegal.

H. Fuel Cells

1. Original gas tanks must be removed.
2. Maximum 16 gallon fuel cells allowed.
3. Fuel cells must be enclosed in a 20 gauge steel container. A minimum of four (4) 1.5" x 1/8" steel flat stock straps are required to secure the fuel cell container.
4. Vent lines must have check valves (PCV) or roll over valves installed.

5. Trunk may be cut to fit fuel cell only. Minimum height of fuel cell is 11" from the bottom of the fuel cell to the ground. Fuel cell must be centered between frame rails. 1" square tubing holding frame is mandatory. Minimum 1/8" thick, 1" wide steel straps are mandatory, minimum of two straps going each direction. Minimum 1 3/4" protector bar in back of fuel cell is mandatory. All holes around fuel cell cutout area must be patched with minimum 18 gauge steel.

I. SAFETY EQUIPMENT/ DESIGN

1. Roll cage shall be built following the design included in this book. Drivers' side door bars shall be plated using minimum 1/8" steel plates.
2. Steel tubing shall be a minimum 1 3/4" OD, with .090 thickness.
3. Four (4) point attachment to sub-structure – see attached sketch for minimum requirements.
4. No pipes may be visible outside of body.
5. Engine compartment and trunk area may be reinforced off roll cage, but must use equal size pipe on both sides.
6. All pipes around driver and steering wheel center must be padded.
7. Uni-body cars may repair sub-structures with metal no heavier than the original thickness for the purpose of mounting cage, but must use equal size and thickness steel on both sides of the car. Unibody cars may connect front and rear clips with metal of no thicker gauge than as original from factory.
8. All doors must be welded shut.
9. All glass must be removed except windshield. Windshield may be replaced with 1/8" Lexan. If Lexan is used, three, 1" inside vertical supports, must be installed.
10. Quick release, 5 point harnesses and seat belts are required to be fastened to the roll cage, not in gussets. Harnesses and belts can be no older than three years old. If belts do not have date tags, they must be replaced.
11. Stock bumpers must be chained or cabled so that they will not fall off if impacted. No crash guards on front or rear bumpers.

- 12.** There will be no lowering of stock roof height, and roof must remain in stock location for make, year and model.
- 13.** 1 stock mirror may be mounted in the middle of the windshield. (1) 5" round mirror must be mounted on drivers' side door post. Mirrors may be taken away by race director if deemed necessary.
- 14.** Aluminum racing type seat is mandatory. (see diagram for installation instructions.)
- 15.** An approved drivers' window screen is mandatory. A seat belt type latch is required. It must be attached at top and bottom front by a single seat belt locking device, and 3/8" steel rod, top and bottom.
- 16.** Battery may be moved from under the hood to the area behind the drivers' seat/compartments normally referred to as the rear seat area. Battery must be in a safe vented container, and cross strapped with a minimum of 1 1/2" x 1/8" steel flat stock. Battery must not be in trunk area.
- 17.** A 2 1/2 pound or larger fire extinguisher with working gauge is mandatory, and must be mounted within the reach of the driver while strapped in his/her seat. Extinguisher must be held in securely, but maintain a quick release design, and be reachable from both sides of the car.
- 18.** A full fire retardant suit and gloves are mandatory. No tears or holes in the fire suit or oil stains allowed. The following items are highly recommended to aid in your safety: goggles, Hans or Hutchins Device, fire retardant socks, shoes, and undergarments. Racing helmets must be DOT or SNELL approved. The driver is now required to have helmet, racing suit, and gloves present at every safety inspection.
- 19.** Tow hooks are required in the front and rear, and need to be accessible for wrecker and safety crews.
- 20.** Must have a rotary type master safety cutoff switch to the drivers right. Switch must be within reach of the driver when strapped in the seat. It must also be accessible to safety crew from both sides of the car. Switch must be painted red.
- 21.** Four wheel working brakes are required and working at all times.

J. LETTERING AND NUMBERS

1. All numbers are assigned when driver applies for the annual competitor's license.
2. Non-Metallic numbers will be at least 18" high and 3" wide, neatly lettered. It is recommended that all numbers be as large as possible to facilitate scoring. It is recommended that numbers are not slanted or so close together so as to touch and appear as one number. Numbers must be in contrast to car body color. There will be numbers on each side of the car.
2. There will be a 30" number on the roof, lettered to be readable from the scorer's tower. There will be a minimum 4" number on the top left passenger side of the windshield. There will also be a minimum 4" letter on the right front headlight cover, and right rear taillight cover to aid in lineups. The head scorer may request that unclear, unreadable numbers be replaced, and you have one week to comply. Failure to comply will result in not being scored.
3. The words Super Stock must appear on each front fender, directly over the wheel in 4" block letters, readable from the grandstands.
5. The entire front fenders and vertical sides of nose panel must be free for Riverside Speedway participating contingency award companies decals. Decals are mandatory to display!

K. MISCELLANEOUS/ DRIVER ELIGIBILITY

1. Drivers must be over 14 years of age (see general rule #4), and purchase a Super Stock drivers license. Mechanics may purchase a mechanics license. Only licensed members will be admitted to the pits at reduced rates. Only licensed drivers are eligible for purse, points and point fund monies.
2. A driver who competes in five or less Super Stock events in a given year, retains eligibility for future Rookie of the Year status. Competitors wishing to run for the Rookie of the Year, must file with the Speedway Office prior to the start of the race season.
3. Loss of wheel or tire requires you to exit the race course immediately.

4. Scanners are mandatory. You must have only Riverside Speedway frequency locked in. If upon inspection you are found using anything other than the Speedway's primary frequency (frequency to be announced), you will be found out of stock.

5. Scanners must be mounted behind the driver's seat. Drivers are responsible for maintaining scanners. Tests will be administered and if scanner is found not working, the driver will be sent to the rear.

6. No two-way radios of any type allowed.

7. If these rules don't specifically say what you can do, you can't do it!!! Always contact technical inspectors when rules or parts are in question!

8. All rules are subject to change by the Tech team. It is the responsibility of the competitor to obtain, and become familiar with the current general rules pertaining to the division in which he/she chooses to participate in. Any item not covered in the Riverside Speedway rules section must be stock or approved in writing by the Director of Competition or Technical Official. If any item being considered for use in this division is not addressed in these rules, competitors are required to contact Riverside Speedway for a judgment as to acceptability. The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events, and to establish minimum acceptable requirements for such events. All participants are deemed to have obtained, read and understood a copy of the current rules, and complied with these rules. No express or implied warranty of safety shall result from publications of, or compliance with these rules, and/or regulations. They are intended as a guide for the conduct of the sport, and are in no way a guarantee against injury or death to a participant, spectator, or an official. All rule clarification letters from the previous seasons are void, and can not be used in the 2009 race season. It is highly recommended that you carefully read your rulebook, and knowing what it contains. You are responsible for know the rules.

SUPER STOCK PURSE:

1-9 CARS

1 ST	\$200.00
2 ND	\$125.00
3 RD	\$ 90.00
4 TH	\$ 80.00
5 TH	\$ 70.00
6 TH	\$ 65.00
7 TH	\$ 50.00
8 TH	\$ 45.00
9 TH	\$ 40.00
10 TH	\$ 30.00
11-24	\$25.00

10-17 CARS

1 ST	\$225.00
2 ND	\$150.00
3 RD	\$110.00
4 TH	\$100.00
5 TH	\$ 75.00
6 TH	\$ 60.00
7 TH	\$ 55.00
8 TH	\$ 50.00
9 TH	\$ 45.00
10 TH	\$40.00
11-24	\$30.00

18+ CARS

1 ST	\$250.00
2 ND	\$175.00
3 RD	\$135.00
4 TH	\$125.00
5 TH	\$100.00
6 TH	\$ 85.00
7 TH	\$ 80.00
8 TH	\$ 75.00
9 TH	\$70.00
10 TH	\$ 65.00
11-24	\$35.00

FOR TECHNICAL INFORMATION CONTACT:

**Doug Shannon
Director of Competition
603-636-2376**

You should retain all written and signed answers to questions in your rulebook for future reference. Rule clarifications or changes will be posted in the pit area and sent to all registered and licensed competitors.

Management reserves the right to impose weight penalties to any car deemed “hurting” the competition.

The Technical Team has the final say in determining the interpretation, construction, or design of the rules.