

2021  
Outlaw Speedway  
RWD 4CYL Rules

**\*\*Transponders Required\*\***

**#1 – Body**

- 1.1 Any rear wheel drive (RWD) car, which came factory with a 4 cylinder engine.
- 1.2 No convertibles, station wagons, 2 seater sports cars, 4WD, or AWD allowed.
- 1.3 Front engine cars only.
- 1.4 Stock wheelbase only with a 1" tolerance, must be within ½" of opposite side (no leading).
- 1.5 Minimum weight is 2400 lbs with driver at the completion of the race.
- 1.6 Stock original unibody must have a minimum ½" floor (under driver, cock pitted and sealed), and a full firewall (front and rear).
- 1.7 Full factory body, or stock appearing Five Star type aftermarket body is allowed (may also fabricate your own). Aluminum body panels must be fabricated of a minimum .050. Any vehicle with an aluminum body must have driver's side door bars plated with a minimum of a 16g steel. Rear spoiler max height is 4". No late model noses and rear must be closed. Driver side door intrusion plate mandatory.
- 1.8 No sail panels allowed (weekly shows).
- 1.9 All body panels must be securely fastened.
- 1.10 Hood scoops allowed for clearance only, no exposed air cleaners allowed.
- 1.11 All glass and plastic trim must be removed from inside and outside of vehicle (windshield, mirrors, headlights, taillights, door handles, etc).
- 1.12 Must have a complete 6 point roll cage installed in a professional manner with a minimum 1 ½" x .095 wall steel tubing. Must have a diagonal, "X", or cross brace behind driver. Must have 3 door bars on drivers side (4 highly recommended), and 2 door bars on passenger side with vertical supports between door bars.
- 1.13 Front and rear hoops are mandatory, with a min. 1 ½" x .095 round steel tubing for hoops, and same round or 2 x 2 or 2 x 3 tubing allowed for front section. Front hoop is designed to replace upper radiator support and front frame rails, and should follow the same. Tubing must run from main roll cage forward to front frame, and should have a minimum 2 down tubes to lower frame rails. Rear hoop is designed to protect fuel cell and must be minimum 1 ½" x .095 round steel tubing, with minimum 2 down tubes to lower frame rails.
- 1.14 Rear frame may be fabricated from 2 x 3 steel tubing, from centerline of rear axle to back of car.
- 1.15 All cars must be presentable.

**#2 – Suspension General**

- 2.1 All suspension components must be of stock type and non adjustable for make and model of car. Adjustable spring cups allowed.
- 2.2 Any stock mount non adjustable non rebuildable shock or strut allowed.
- 2.3 Racing springs are allowed.
- 2.4 All suspension mounting points must remain in stock location, no slotting of holes or repositioning any component's, for any reason.
- 2.5 OEM bushings only. No offset, drilled, softened, or modifying of any kind.
- 2.6 Steering quickener's allowed.

**#3 – Engine**

- 3.1 Engine must remain stock as manufactured and in stock location for car being used.
- 3.2 All engines must remain stock stroke and configuration as manufactured for car. Stock unaltered crank shafts only, no billet rods allowed.
- 3.3 Flat top or dish pistons only, no part of piston may extend above deck surface of block (except Toyota Laser).
- 3.4 Cast or hypereutectic pistons only. No forged pistons.
- 3.5 Maximum overbore is .040.
- 3.6 No porting, polishing, grinding, welding, or modifying cylinder ports or chambers in any manner (milling allowed).

- No aluminum heads allowed.
- 3.7 Stock OEM valves only.
- 3.8 Adjustable timing gears allowed.
- 3.9 Factory stock ignition only.
- 3.10 Stock, or box stock Holley 4412 or 4412-s carbs only, one per car. No XP or HP allowed. Must retain stock choke horn and pass tech with track gauges.
- 3.11 Cars running a 4412 may use a single 1" straight hole carb spacer.
- 3.12 All carb spacers being used must be straight hole only with no tapering or modifying in any manner.
- 3.13 One car gasket per mating surface only.
- 3.14 No air induction inserts or diffusers of any type.
- 3.15 Stock unmodified OEM carbureted intakes only. EFI manifolds allowed, no porting or polishing.
- 3.16 No electric fuel pumps allowed.
- 3.17 Site plug mandatory to view rods and crank. If bottom end is not accessible by tech, be prepared to remove oil pan.
- 3.18 Headers allowed.
- 3.19 Mufflers mandatory.
- 3.20 Exhaust must exit behind driver.
- 3.21 Exhaust installed inside of car must be covered with tin.

#### #4 - Transmission and Driveline

- 4.1 Transmission must function in all gears.
- 4.2 Flywheel must be stock steel only with a minimum weight of 18 lbs.
- 4.3 Clutch assembly must be OEM type only, no lightweight parts allowed.
- 4.4 Steel driveshafts only, no aftermarket lightweight driveshafts allowed.
- 4.5 Rear differential must be locked (welding or spool).

#### #5 – Brakes

- 5.1 4 Wheel brakes mandatory.

#### #6 – Tires and Wheels

- 6.1 Factory steel or racing wheel allowed with a max width of 7".
- 6.2 No bead locks.
- 6.3 1" max wheel spacers allowed (front only after 94 model year).
- 6.4 Any offset allowed.
- 6.5 All season passenger tires only, sizes may vary.
- 6.6 No racing (DOT or not), aggressive, or winter tires allowed.
- 6.7 May not durometer softer than 50 when hot.
- 6.8 No racing retreads (Marsh, Towel City, etc).

#### #7 – Safety

- 7.1 All batteries must be securely mounted by a steel hold down that does not allow any movement.
- 7.2 All batteries mounted inside of drivers compartment must be securely mounted in a marine type battery box.
- 7.3 Battery disconnect is mandatory and must be mounted within drivers and safety crews reach. Must be clearly marked ON and OFF.
- 7.4 Racing fuel cell is mandatory and must be mounted in a safe and professional manner.
- 7.5 Fuel cell must be protected from all sides with minimum 18ga steel and be a minimum 12" from track surface (see section 1.13 for hoop requirements).
- 7.6 Fuel shutoff is mandatory and must be within drivers and safety crews reach. Must be clearly marked ON and OFF.
- 7.7 Fuel cell vent must have PCV valve or other type of approved rollover safety device.
- 7.8 All cars must have an aluminum racing seat safely installed with no less than 6 bolts securing it (subject to tech).
- 7.9 All cars must have a window net securely mounted. Nets must be up and secure when on the racing surface.

- 7.10 All drivers must have a one way radio on the 454.000 frequency.
- 7.11 All fuel cells must have a safety rubber flap.

**ALL OFFICAL AND TECH RULINGS ARE FINAL!**

**\*\*While the rules listed above and on previous pages offer a good guideline, not everything can be covered by a written rule. If you have any questions, ASK FIRST. Any non covered part can be deemed illegal at any time. Anything not covered in these rules is not assumed legal.**