

## Mini Stock Front Wheel Drive Rules

### **SAFETY REQUIREMENTS:**

- Aluminum Racing Seat mounted to roll cage with a minimum of 6 grade 8- 3/8 bolts. Full containment seat is strongly recommended.
  - 5 Point Seat Belt mounted to roll cage w/recommended fasteners or wrap around style.
  - Seat belt cannot be more than 5 years old.
  - Driver's side window net w/quick release is mandatory. Net must be up and secure when on the track.
  - Master Battery shut off mandatory and must be mounted on left side of dash within reach of safety crew and driver. Electric Fuel pump must turn off with switch also
  - Window Net Release and Shut Offs must be clearly marked.
  - Helmet 2015 or newer. Fire Protection to follow standard track rules. Minimum single -layer fire suit required. Fire proof gloves required. A head and neck restraint system is strongly recommended.
- RACEIVERS will be mandatory. Frequency 454.000.

**REINFORCEMENTS:** Front and rear hoops permitted with min. 1 ½ x .095 round tubing. Front hoop is intended to replace upper radiator support and upper frame rails and should follow same. Tubing must be 1 continuous tube and welded to the front of the front strut towers (rear of rear strut towers). 2 down tubes each allowed from upper tube to lower frame rails. Rollcage or 2x2 tubing allowed to connect front and rear lower frame rails together in driver compartment along floor.

### **Stock Body requirements:**

- Outer door panel skins of same gauge sheet metal are permitted to allow for door bars but MUST have 4 bars on driver's side. Doors must be welded, chained or bolted shut.
- Sunroof and firewall holes must be covered with at least same gauge sheet metal with rivets, bolts or welding. Engine/fuel area must be sealed off from driver.
- Hoods and trunks must be secured w/2 safety pins each when using hinges or 4 without hinges.
- Glass must be removed and screen placed in windshield area with 2 support rods.
- Exterior door bars permitted with 1" x 1" square tubing. All exterior tubing must be tight to the body and securely fastened. Ends must be welded closed without any sharp edges. Front and rear tow chain loops are mandatory.

**FUEL TANK/CELL:** Stock fuel tank permitted as long as it is ahead of rear axle and must be securely fastened with at least 2 straps (additional is recommended). Racing fuel cell is allowed.

Fuel cell must be mounted in a safe manner. A firewall Must be in Place between driver Compartment , and fuel cells, fuel lines or tanks. All fuel cells must have rubber flaps.

**Body/ Wheels/ Tires:**

- Any front wheel drive car. No All -wheel drive cars or all wheel steer cars.
- Must have stock rear and front Suspensions as from factory. Slotting of factory mounting holes allowed. No racing spring lowering or shocks allowed. Springs may be heated , clamped or use spring rubbers. Spring must be within 2" of factory installed height.
- Rear Control arms should be stock but be braced/strengthened/repaired. No aftermarket. Stock production cars only.
- Must have quality welded minimum 4 point roll cage inside the with a minimum of .095" thickness tubing. Tech has final say in safety of cars.
- Minimum 3 drivers door bars/ 2 side door bars - 6 or more point cages ok. Drivers door intrusion plate mandatory.
- No push bars past firewall. Roll cage may extend forward behind bumpers . Bumpers must be covered in some way with no exposed sharp corners.
- Aftermarket Racing Wheels Permitted. Maximum wheel width seven inches (Measured inside of bead to inside of bead)
- Street legal DOT tire required. No Drag radials, mud grip lug tires, racing tires or racing recapped tires allowed. Hoosier Tires 36106M & 36104 M Allowed
- Directional tires are allowed. Tires can be mixed or matched for stagger.
- Aftermarket nose pieces allowed.
- 6' metal support to extend out behind nose piece or to hold grill in place allowed.
- No push bars to extend outside bumpers or beyond nose piece.
- No Mirrors are allowed.
- Cars should remain as close to stock appearing as possible. Gutting of Body is allowed.
- Can buy aftermarket 5 star body, or build your own out of sheet steel or Aluminum.

**ENGINE:** Must be a Stock 4 cylinder Car. Motor Must Be Stock Appearing. No turbo chargers or rotary engines allowed. Stock type fuel injection or stock manufactured carburetor only (Motorcraft, ect.) 0.800" maximum throttle body spacers may be used. No Holley , Weber or other racing carburetor allowed. Motor Must be stock appearing and in stock location. Motor must match car ( ex- Honda - Must have Honda Engine, ect.)

Any air or oil filters (K&N , ect.) Intake Must be Stock intake. No Skunk 2, ect.

No Cold Air intake or fuel injection-must be stock type breather system. A flexible rubber or plastic hose may be used in place of a stock air box tube. No Smooth metal or plastic tubes allowed. Aftermarket radiators are allowed. Radiators can be braced for support. Aftermarket racing headers are allowed. Computer may be chipped and or tuned. A standalone ECU and after market harness allowed. Ignition coil must remain OEM.

**WEIGHT:** Minimum weight is 2250 lbs. with car and driver at the completion of race.

All added weight must be painted white and include car #. Any racecar will be disqualified if weight falls off.

**EXHAUST:** Exhaust recommended to exit behind driver

## **Mini Stock Rear Wheel Drive Rules**

### **#1 – Body**

**1.1 STOCK APPEARING BODIES ONLY! Can buy aftermarket body packages from 5 star Bodies or Performance Bodies or make your own bodies from steel or aluminum will be legal. No spoilers over 4 in tall, including sides.**

**1.2 Rear body must be closed in.**

**1.3 Any 4 cylinder Rear Wheel Drive front engine Car.**

**1.4 Minimum weight 2250 lbs. with car & driver at completion of the race.**

**1.5 Recommend to tie front frame to rear of car with 2×2 and attach roll cage to 2×2 but not mandatory.**

**1.6 Must have complete 4 point cage installed in professional matter 1 1/2" .095 tubing min 3 door bars on drivers side. 6 point cage with 4 driver and 3 passenger side door bars strongly recommended.**

**1.7 Aluminum racing seat and 5 point harness mandatory! Seat must be attached to roll cage with at least 6 Grade 8 3/8 bolts. Belts must not be older than 5 years and properly attached to roll cage.**

**1.8 12 gal max racing fuel cell STRONGLY recommended. If running stock fuel tank must have steel skid plate and be securely mounted.**

### **#2 – Front / Rear Suspension**

**2.1 Chassis must retain stock type suspension. NO adjustable spring pockets allowed**

**2.2 Wheel base must be stock for that make/model car. Wheel base MUST be square within a 1/2" tolerance on both sides.**

**2.2.1 Tracking of cars will be strictly enforced!**

**2.3 Only Steel Body Non Adjustable Shocks Permitted. Maximum new cost of \$100 per shock or strut.**

2.4 No rebuildable or revalving of shocks at all!

### **#3 – Engine**

3.1 Must be A stock 4 cylinder Car. Engine must be Stock Appearing. DOHC engines are allowed.  
No Rotary Motors Allowed. no aftermarket aluminum heads allowed.

3.2 No turbo chargers, only naturally aspirated motors.

3.3 Must be same engine for make.

3.4 Stock intake may be machined, porting allowed.

3.5 No high performance ignitions or ignition boxes. OEM only.

3.6 Stock carburetors, stock fuel injected or stock Holley 2 barrel 4412 or 4412s carburetors must pass track tech inspection tools.

3.7 Headers allowed . Stock manifolds are allowed.

3.8 OEM 12volt ignition systems only.

### **#4 – Transmission and drives shaft**

**DRIVETRAIN: Transmission must have ALL working gears. No light weight driveshafts. Cars may have locked differentials.**

4.1 Front and rear hoops strongly suggested.

### **#6 – Tires and Wheels**

6.1 Steel racing wheels 7" wide.

**NO WHEEL SPACERS. Maximum 2" wheel offset.**

### **#7 – Other**

7.1 EXHAUST: Exhaust recommended to exit behind driver. Stock manifolds or headers allowed.  
Exhaust must not run through the interior of the car.

**NOTE: While the above rules offer a good outline, not everything can be covered by a written rule.  
If a car has a part that no one else has, and its not mentioned in the rules, its not assumed legal.**

**Ask First.**