

# MINI-STOCK Rules

## General:

1. Any Rear-wheel OR Front-wheel drive car that came from the factory with a non-turbo single or dual cam 4-cylinder engine permitted.
2. NO trucks, mini vans, or station wagons permitted.
3. Engine MUST be Naturally Aspirated only. ABSOLUTELY NO turbo, nitrous, methanol, or alcohol based configurations allowed.
4. Original engine must match the original vehicle. Ex: Ford in Ford, Chevrolet in Chevrolet, etc.

## Safety:

1. Before competition, ALL glass, plastic, mirrors, body molding, trim, carpet, fabric, and anything flammable or harmful to the driver, officials, or fans MUST be removed. Cars must be completely gutted.
2. All cars must have a solid 6-point roll cage.
3. ALL Roll cage components must consist of 1 ½" x.095 steel tubing.
4. Roll cage design must include a minimum of 5 bars extending side to side. (top of main hoop, front of halo, dash bar, middle of main hoop, and bottom of main hoop) 5. Roll cage must be welded directly to the frame OR welded to ½" steel plates, 4" x 8" minimum size, sandwiched on the floor.
6. Doors on both driver side and passenger side must have 3 bars, with connecting bars in between.

Version: April 24, 2022

7. The Main Hoop must consist an "X" style bar or single diagonal bar.
8. There must be a diagonal bar in the center of the top hoop.
9. Gussets highly recommended but not required.
10. A minimum of three (3) windshield bars are required in front of driver. Bars must be at least ¾" in diameter.
11. Racing Style seat is MANDATORY. Full Containment is not required, but strongly encouraged.
12. 5-point racing type seat belts are required.
13. Racing Seat AND belts must mount to frame or roll cage.
14. Quick release steering wheel is required.
15. Fire Extinguisher must be up to date and mounted inside the cockpit within reach of the driver.
16. Battery must be securely fastened down. IF located inside cockpit, the battery must be completely enclosed.
17. Battery Master disconnect switch must be within reach of driver at-all-times.
18. Window Net is not required but strongly encouraged.
19. Approved Helmet must be worn at-all-times while on track. Helmets must be Snell SA 2010 or newer. (NO open-faced dirt bike style helmets allowed)
20. Drivers must wear approved racing fire suit at-all-times while on track. (1-piece suit & 2-piece suits are allowed)
21. Racing shoes are mandatory.
22. Racing gloves are mandatory.
23. Head & Neck Restraints are not required but STRONGLY encouraged. Horse collar restraints, Hans, NecksGen, and Zamp are all acceptable. 50 pound weight break for an approved Head & Neck Restraint.

## Engine:

1. Engine type that came in the car must be run.
2. Engine MUST remain in stock location with NO setback.
3. ABSOLUTELY NO aftermarket blocks.
4. Internal modifications are permitted. This includes but is not limited to: pistons, rods, crankshaft, camshaft(s), lifters, valve springs, bearings, etc.
5. Aftermarket heads and intake are permitted with a 100 pound penalty. OEM heads

and intake may have any internal modifications.

6. Aluminum Heads are only permitted on cars that came from the factory with aluminum heads. NO aftermarket aluminum heads permitted.

7. Fuel Injection permitted on cars that came from the factory with fuel injection. NO aftermarket fuel injection allowed.

8. Cold Air intake is permitted. Stock air box may be removed for placement of cold air intake.

9. Aftermarket headers are permitted.

10. ECUs are allowed to be programmed, flashed, chipped, or upgraded.

Version: April 24, 2022

### **Protest:**

1. Visual protest will be \$100. Track keeps 100% of the protest money.

2. Engine displacement protest will be \$300 cash. \$150 will go to the track; while \$150 will go to the winner of the protest. This will include removing the head of the protested car.

3. All protests must be made within 5 minutes of the conclusion of the race at the scales. No exceptions. Only the top 5 finishers of the race can be protested. You can only protest a car that finishes in front of you.

4. Only the registered car owner or driver may make a protest.

5. Track officials have the right to inspect any and all cars at any time. No exceptions.

6. Driver/owner of the protested car MUST perform the tear down under the supervision of track officials.

### **Suspension:**

1. Stock suspension ONLY with the exception of aftermarket springs.

Racing/aftermarket springs will be permitted.

2. Trailing arms, A-Frames, and other components may be altered.

3. Shocks, Springs, and other suspension components MUST remain in their original, stock location.

4. Strut towers and hubs may be reinforced or changed for extra strength.

### **Rear-End and Transmission:**

1. ALL transmissions must remain stock and completely unaltered.

2. ABSOLUTELY NO Bert or Brinn transmissions allowed.

3. For RWD cars, 8.8" and 7.5" rear ends ONLY will be acceptable.

4. ABSOLUTELY NO 9-inch rear ends will be permitted.

### **Body and Frame:**

1. Stock frame MUST be used, with only modifications for roll cage placement.

2. ABSOLUTELY NO tube cars of any kind will be permitted.

3. Stock firewall must be used with any holes covered or patched.

4. Bodies may be constructed of steel or aluminum.

5. Aftermarket replacement body panels of steel or aluminum are permitted

6. Aftermarket nose pieces are permitted.

7. AR Bodies components are permitted for competition.

8. Body may be of stock configuration or custom-built.

9. Doors must be welded, bolted, or chained shut at all times.

### **Tires and Wheels:**

1. Any 8" tire allowed.

2. 8" maximum steel wheel

Version: April 24, 2022

3. Track will inspect all tires and wheels for correct measurements.

### **Fuel:**

1. Fuel may be pump gas or racing fuel.
2. ABSOLUTELY NO methanol, alcohol, or nitrous is permitted.
3. Fuel may be stored in the original, stock tank OR in an aftermarket fuel cell placed appropriately in the rear of the car.
4. If an aftermarket fuel cell is used, a firewall must be positioned between the cell and the cockpit.

**Weight:**

1. 2100 pound minimum weight at all times. AT NO TIME CAN YOU WEIGH LESS THAN 2100 pounds.
2. Car must weigh one pound per cc. Engine displacement must be clearly posted on the driver's side of the car for inspection.

**Miscellaneous:**

1. Tow Hooks OR Tow Chains must be accessible in front and rear of the car for towing access.
2. Race Receivers MUST be used at ALL times while on track.