



## 2024 MOD MINI RULES

- ***PLEASE BE SURE YOU HAVE READ AND UNDERSTAND THE GENERAL RULES, SAFETY RULES AND DRIVER SAFETY EQUIPMENT BEFORE CONTINUING.***
- The word STOCK used within this set of rules means as originally produced by the manufacturer for that make/model/year of car with no altering or modifications. Stock replacement parts ok. Must be same dimensions, weight, and/or volume as OEM part. Determination of whether an aftermarket part is legal will be the tech inspector's decision.
- NO CARBON FIBER OR TITANIUM PERMITTED ANYWHERE ON CAR. NO BUMP STOPS, BUMP SPRINGS OR CHASSIS LIMITERS. NO TRACTION CONTROL DEVICE(S) OF ANY KIND.
- No mixing of parts must be Chevy on Chevy, Ford on Ford, and Dodge on Dodge unless otherwise noted.
- ***If you visit use from another track be sure to bring your track rules.***

### **WEIGHT:**

1. Minimum weight for all cars, 2000 lbs. **maximum 2500lbs** 3 link suspension must add 50 pounds.
  - 2000 engine 2000 lbs.
  - 2.2 engine 2200 lbs.
  - 2300 engine 2300 lbs.
2. 55% left side. Front wheel drive cars may not have more than 58% front percentage weight after race.
3. **No car over 2500lbs (FOR SAFETY REASONS)**

### **CHASSIS:**

1. May be stock or tubular frame.
  2. Must have stock front cross member, stock upper and lower control arms and spindles.
  3. One-piece sway bar (aftermarket allowed), any location, mounting optional, any diameter.
- Rear Suspension: Must maintain stock configuration. (Mustangs must have coil springs with 4 link trailing arms.) (Pintos must have leaf springs.) Panhard bar allowed on coil spring cars, mounting optional. Option: can run 3 link rear suspension but must add 50 pounds to total weight
4. Minimum of 4" ground clearance, body and frame with driver out of car. No pulling up on car in tech line.

### **BODY:**

1. Full front windshield required. Must be LEXAN. Rear window permitted.
2. Side windows no longer than 10", measured at corner of door and roof rail. Rear window braces on inside only.
3. Must have 14" opening from door to roof.
4. NO roof rails; NO rear window rails; NO window trays.
5. Bumper measurement from ground to center of main bar will be minimum 16" – maximum 19".
6. Rear body panel must cover rear of car to center of bumper.
7. Spoiler: Maximum 6" height/ May not exceed width of deck. No side panels.
8. Maximum 3" body rake from front of door to the rear of rear quarter.
9. No side panels, wings or fins.

### **ROLL CAGE:**

1. Main roll cage must be minimum 1 ½" O.D., .095 wall thickness round tubing.
2. Bars must be welded to frame and have 4 protective bars on driver's side and 3 protective bars on passenger side.

**WHEELS & TIRES:**

1. 8" wheels Approved 13" tires only. (Hoosier Sport slick) No Bleeders.
2. Tread Width – 64" measured from true center of tires at spindle height (1" tolerance).
3. Maximum wheelbase – same as chassis used (1" tolerance)

**FUEL/FUEL CELL:**

1. FUEL CELL MANDATORY and SEE SAFETY RULES FOR FUEL CELL SPECS.
2. OBERG Fuel Valve # SV-0828 or SRI # FFF-FSV is Mandatory.
3. **Fuel cell mandatory 12 gal max.**
4. **No additives. No alcohol. No electric fuel pump.**

**SUSPENSION:**

1. Any steel body racing shock or strut is permitted with a \$200 each claim rule. No adjustable shocks or struts.
2. Must maintain stock components.

**Springs:**

1. Coil: Any coil spring that will fit into bucket with NO modifications to buckets. Wedge bolt adjusters allowed.
2. Leaf: Stock main leaf for car. Number of leaf's optional. May use clamps. May cut secondary leaf. Sliders permitted with wedge bolt adjusters.

**Struts:**

1. Strut cars may use Tech approved coil over adjusters if chassis came stock manufactured with coil springs on struts. May elongate slots for caster/camber adjustments. **No out board hocks on strut cars.**

**Steering:**

1. Steering box and components must be stock and in stock location. (May run heim ends on **outer** tie rods.)

**Brakes:**

1. May run disc brakes. NO aftermarket brake parts; calipers, rotors or drums. NO drilled rotors. Any pedal, master cylinder-proportioning valve setup. All four must be working.

**ENGINE:**

1. Stock location (2" tolerance).
2. Engine and body by same manufacturer. Year of engine is interchangeable.
3. NO more than 2 valves per cylinder. (Unless approved by Officials.)
4. Engine size must be painted on hood.
5. Engine placement must be 89 inches from center of rear-end to where the bell housing bolts to the back of the engine.

**Ignition:**

1. One 12-volt battery only.
2. Electronic ignition permitted. MSD type boxes permitted.
3. NO coil packs or crank trigger fired ignitions.

**Carburetor:**

1. Holley 4412 or smaller carburetor allowed. (Must pass Track gauges.) May remove choke plate. Throttle rod shaft screws may not be trimmed. No Holley HP carbs allowed.
2. Spacer/adaptor maximum 1.65", including gaskets.
3. May use air box.
4. Do not run fuel line through driver's compartment.
5. Minimum of 2-throttle return springs.

**Intake Manifold: **No Ford Taunus intake manifolds.****

1. Stock. Modification allowed for 4412 where no adapter is available. You cannot take advantage of this rule to improve airflow. The purpose of this rule is to only connect carburetor to intake.

**No porting, polishing or cleanup of any kind.**

**Heads: NO "M13" head allowed.**

1. Stock for the type of engine used. Stock diameter valve for engine used. No porting, polishing or clean-up of any kind. May be milled. Cylinder head boss may be cut down for the short adjusters (2300). May have 3 angle valve jobs. No more than 75 degrees and no deeper than 1/2" from valve seat. No pocket porting under valve seat. Valve spring pocket may be cut .0100" deeper or may run long valves; stock head/valve diameter. Stainless steel valves allowed. Must have matching head & block. i.e.: 2000 block/2000 head; 2300 block/2300 head; 2.2 block/2.2 head; valve retainers optional. **Stock stem size. NO 8 spark plug heads, 1 spark plug per cylinder. NO fuel injected heads.**

**Pistons:**

1. Any 3-ring flat top pistol **must run all three rings.** (Toyota may run dome pistons). Pistons must be flush or below the deck of the block. **Max over bore .060 over stock.**

**Camshaft:**

1. Any cam and kit. NO rollers. May run adjustable cam sprocket

**Crank:**

1. Stock crank for motor used. Balancing on bottom of counterweight only. May grind on bottom of counterweight to balance only. No knife edge and no changing the counterweight profile. NO other grinding, polishing or lightening of any kind. Stock stroke =/- .010. Must be stock weight.

**Rods:**

1. Any steel rod permitted.

**Clutch/Pressure Plate:**

1. Stock diameter clutch and pressure plate. May run solid center disc. 7 1/2 inch minimum.

**Fly Wheel:**

1. Must be Stock diameter – 8 lb. minimum.

**TRANSMISSION:**

1. Stock standard or automatic (torque converter included). All reverse and forward gears must work. No lightening or removing gears. **Must be stock OEM and unmodified.**

**DIFFERENTIAL:**

1. Any stock steel passenger car rear end. Must be centered in car. Must be locked. No aluminum. No clutched differentials. **No custom gear sets.**

**DRIVE SHAFT:**

1. Drive shaft may be steel or aluminum. Must be painted white.