



2024 MINI STOCK RULES

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. These rules shall govern the condition of all events, and by participating in these events, all participants are deemed to have agreed to and complied with these rules. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM THE PUBLICATIONS OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS. They are intended as a guideline for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator or official.

Speedway Management shall possess the sole power to permit reasonable and appropriate deviations from the standards set within these rules. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH DEVIATIONS. Decisions regarding interpretation and/or deviation of/from these rules by Speedway Management are made at their discretion and are final.

1. GENERAL SAFETY

- 1.1. Westhold Transponders and RaceCeiver type one-way radio receivers are required any time on the track, including Hot Laps, Heats, B's / Last Chance, Features
- 1.2. Fire System (RECOMMENDED) or working fire extinguisher required within reach of driver while strapped into car
- 1.3. Snell-rated SA2015 or SA2020 helmet required
- 1.4. SFI-approved full fire suit, fire retardant gloves, shoes, and head & neck restraint (neck brace ok) REQUIRED
- 1.5. Minimum three-inch wide SFI-approved five-point safety belt system required (two-inch shoulder harness OK with approved head & neck restraint system)
 - 1.5.1. Safety belts must not be more than three years old from date on SFI tag, no more than two years recommended
- 1.6. Roll bar padding (fire retardant recommended) required in driver compartment
- 1.7. Electrical Master Kill Switch required within easy reach of driver with clearly marked 'ON' and 'OFF' positions
- 1.8. Properly mounted weight!!
 - 1.8.1. **All weights must be mounted with at least two 0.500" Grade 8 bolts**
 - 1.8.2. NO WARNINGS FOR IMPROPERLY MOUNTED WEIGHT – ANY INCORRECTLY MOUNTED WEIGHT WILL BE GROUNDS FOR IMMEDIATE DISQUALIFICATION FROM THE EVENT WITH POSSIBLE FURTHER PENALTY
- 1.9. **All cars must have a 16x20-inch minimum window net**
- 1.10. All cars must have a suitable, minimum 4-point roll cage
- 1.11. No splices or partially welded cages allowed



2. FRAME

- 2.1. Any 2 or 4 door domestic or foreign car or truck allowed
- 2.2. 90" – 105" wheelbase – must match make & model of car / truck
- 2.3. Must be full body car or truck – no open wheel modified or sprint type allowed
- 2.4. No mixing of manufacturers
- 2.5. Chassis may be cut in front of front shock towers and behind rear spring mounting points
- 2.6. Trunk area may be cut out
- 2.7. Damaged areas of the chassis can be repaired however spring mounts, perches, and seats along with control arms, trailing arms, pivot points and all other suspension mounts must be straightened and then reinforced with tubing and/or sheet metal, but only with approval from Tech official

3. BODY

- 3.1. Aftermarket sheet metal or aluminum bodies allowed. Open back end allowed on rear-wheel-drive cars. Nose and tail piece including MD3 allowed.
- 3.2. 8" maximum spoiler
- 3.3. Side spoiler allowed but limited to left side only, must not be higher than 10" and not be longer than the rear spoiler sideboard – no other spoilers allowed

4. SUSPENSION

- 4.1. Front tubular control arms are allowed. The tubular control arms must be mounted in the stock location and be non-adjustable. Tubular arms can be lengthened or shortened.
- 4.2. Lengthening or shortening of stock A-arms or control arms will be allowed.
- 4.3. Caster and camber plates allowed.
- 4.4. Screw jacks allowed.
- 4.5. All suspension components, springs, shocks, sway bars etc. Must be mounted in stock location.
- 4.6. Shocks with external reservoirs will not be allowed. Racing shocks and struts are allowed if they can be mounted in FACTORY POSITIONS.
- 4.7. In order to be able to run different shocks, the shock mount can be moved up for shock travel if the angle is not modified. NO TRACTION CONTROL.
- 4.8. Coil over shocks allowed.
- 4.9. Only one shock per wheel will be allowed.
- 4.10. All suspension pivot points must remain in the factory locations with the following exceptions
 - 4.10.1. Strut front ends may alter the top mounting location of the strut in order to adjust caster and camber. A-arm front ends may shim the upper A-arms to adjust caster and camber.



- 4.11. 4-link cars may adjust pinion angle by adjusting the length of the upper links only
- 4.12. Leaf spring cars may adjust pinion angle by altering the block shape between the leaf spring and rear end housing
- 4.13. Leaf spring cars may alter the shackle length (but must maintain OEM pivot location) to jack weight. Leaf spring cars can use blocks or jack bolts to adjust the ride height of car
- 4.14. No suspension parts can be added to cars not equipped from the factory. I.E. No adding a pan hard bar
- 4.15. No J bar or 3 link allowed

5. ELECTRICAL SYSTEM

- 5.1. No traction control systems allowed
- 5.2. Any distributor with any ignition box allowed
- 5.3. Crank trigger ignition OK
- 5.4. Must have clearly marked ignition switch

6. FUEL SYSTEM

- 6.1. Stock fuel injection will be allowed. Aftermarket fuel injectors will not be allowed.
- 6.2. Aftermarket throttle bodies not allowed. Can use any production throttle body.
- 6.3. Holley 4412 500cfm and Holley 7448 350cfm 2-bbl carbs allowed 500cfm max. 38MM Weber, 32/36
- 6.4. Holley Weber allowed. Air-cooled cars 44MM allowed.
- 6.5. Carbs must pass Holley 4412 go no go gauges.
- 6.6. NO 4-BBL CARBS. NO AEROSOL CARBS ALLOWED.
- 6.7. Choke horn may be removed.
- 6.8. Carb must have boosters with no modification to boosters or venturi.
- 6.9. Only Pump gas or racing gas allowed. Any fuel containing any type of alcohol will not be allowed, that includes E85 and oxygenated fuels that contain alcohol.
- 6.10. FWD (eco stock) cars must have skid plate if using stock fuel tank

7. TIRES & WHEELS

- 7.1. Racing Tires OK
- 7.2. 10" width wheel max on RWD. 8" max on FWD cars.
- 7.3. 10" tires are allowed on RWD cars. 8" wide tires allowed on FWD
- 7.4. Wheels must be steel on RWD cars. FWD cars may use factory aluminum or aftermarket steel wheels.
- 7.5. Tires must not be treated with chemicals, solutions, or any other compounds.

8. ENGINE

- 8.1. Any 4 or 6 cyl engine Fwd or Rwd in stock location allowed.
- 8.2. No aftermarket or racing blocks.



- 8.3. No turbo or supercharger allowed.
- 8.4. All engines must use an in-block wet sump oil system. No Dry Sump.
- 8.5. Any steel rod allowed.
- 8.6. Billet steel crankshaft allowed. Machining of the crank is allowed such as lightening, knife edging or rod and main journals if you maintain a stock stroke.
- 8.7. No vacuum pumps allowed.
- 8.8. No rotary engines allowed.
- 8.9. Fwd 4cyl are allowed to chip or tune motor. Standalone ECU and aftermarket harness are allowed.
- 8.10. Any cast iron head allowed if they are/were available to the general public for sale.
- 8.11. OEM production aluminum heads allowed. Milling, Porting and polishing allowed. No relocation of intake/exhaust ports or runners. Filling heads and machining to reconfigure runners and ports will not be allowed.
- 8.12. Any cam allowed.
- 8.13. Any size valves allowed. Valve guide spacing or geometry cannot be altered
- 8.14. Fabricated intakes will be allowed. Porting, polishing and port matching is allowed.
- 8.15. Any header will be allowed. Mufflers are not required.
- 8.16. Any size radiator will be allowed. Relocating the radiator will be allowed.
- 8.17. Electric water pumps and electric cooling fan will be allowed

9. TRANSMISSION

- 9.1. Only stock transmission will be allowed. No aftermarket or racing transmissions allowed.
- 9.2. Top loader transmissions will not be allowed.
- 9.3. Transmission must have forward and reverse gears. All internal gears must be OEM production gears. No billet gears allowed.
- 9.4. Any working racing clutch, such as Tilton, Quarter Master, or Gold Star allowed.
- 9.5. Couplers are not allowed.
- 9.6. Automatic transmissions must have a working torque converter.
- 9.7. Standard transmissions must have $\frac{3}{4}$ " or larger inspection hole in it to allow for clutch inspection.

10. REAR END

- 10.1. Stock OEM housing Ford 9" rear-end allowed.
- 10.2. No quick-change differentials allowed.
- 10.3. No floaters allowed.
- 10.4. Locking of differentials or racing spools allowed.



11.WEIGHT

- 11.1. All cars must weigh 1 pound per engine CC. Engine displacement must be clearly marked on hood
- 11.2. **All weights must be mounted with at least two 0.500" Grade 8 bolts**
- 11.3. Weight transferring devices are allowed but may not be adjustable by driver inside car or by remote control or when it is underway

12.MISCELLANEOUS

- 12.1. No mirrors or 2-way radios allowed
- 12.2. MAY RUN ECO STOCK CARS WITH MINI STOCK CLASS
 - 12.2.1. Must meet safety rules