

2024 Mighty Truck Rules

The Truck Division is intended to be a entry-level class of racecars. The intent is for an inexpensive, but safe racecar. All Trucks shall maintain a stock appearance while utilizing original manufactured parts. No aftermarket or high-performance equipment is allowed except for the sake of safety. The STAR tech staff has the final say on what may be inappropriate for the class, If you have any questions regarding the legality of any part, please message Star techman, Dave Cameron on Facebook.

Raceivers and Transponders are MANDATORY!!

1. All trucks must be neat appearing. Trucks should be painted with contrasting colors and appropriate lettering and numbers. Doors and roof must have a minimum size 18" number.
2. Eligible models: Regular cab and extended cab trucks only. No club or quad. Chevrolet S10, Ford Ranger, Dodge Dakota, Toyota Pickup, Nissan Pickup All other Models must be approved by Star Speedway before being permitted to compete.
3. **4-cylinder engines only.** NO turbo or supercharged engines permitted. NO multi-port fuel injection permitted. OEM throttle body or carb only. Intake manifold must remain as manufactured, NO ALTERING for carburetor installation. Engine rebuild will be allowed to a maximum of 0.30 piston size with a maximum of 0.10 off the cyl. head. NO decking of the block. All Measurements will be from factory spec. Max Compression 9.5-1
4. Only two-wheel drive trucks permitted. Rear end must be open or welded. No type of limited slip or ratcheting devices allowed. Front suspension must remain stock. Example: Toyota torsion bar must be a maximum of 7/8" diameter. All 4 brakes must be in working order.
5. All glass must be removed, except the windshield. Windshield may be of Lexan type material. A Lexan rear window is required.
6. All exhaust must run behind the driver and dump under the car. Minimum 15" long Glass pack design Functional mufflers are REQUIRED.
7. All doors must be welded shut. Hood must have pull pin fasteners. Tail gate must be welded shut.
8. Stock front and rear bumpers for make and model year must remain in place and have a minimum of two safety chains or straps. A short, rugged chain is required to be bolted around the center of the bumpers front & rear to allow for quick wrecker truck towing
9. Sunroofs must be removed and replaced with metal.
10. All body panels must remain stock for make and model year. No cutting of panels except for driver's door for roll bar clearance.
11. Aluminum racing seat mandatory Must be safely mounted in stock location. A support seat brace must be installed at the rear of the seat.
12. Original stock floorboards must remain in place; any holes will be covered with sheet metal. Floor upholstery must be removed.
13. Batteries must remain under the hood and be covered.
14. Stock fuel tank must be replaced with a small fuel cell and be in the bed section of the truck, centered front to back and side to side over the rear end. Steel fuel lines should be run under the car using the least amount of rubber possible.
15. Everything about the truck must remain stock for year, make, and model except where noted in the above rules. Engine and transmission must be stock. Stock rear end may be locked. Rear End can be welded or spool.
16. NO suspension limiting or binding (NO bump stops, rubbers, or packers) Shock Must be Stock Replacement Shocks with an MSRP \$55.

17. Springs Must Match Side to Side. Leaf Spring must have same amount of Leaf's. No Adjustable Shackles.
18. Tires must be DOT type radial, same size, same number, 60 or 70 series, & 14" or 15". DOT tires must have a wear factor of not less than 360 and be clearly identifiable on sidewall. Tires not clearly identified by the wear rating factor on the sidewall are subject to disqualification and/or confiscation. Outlaw or Street Stock track tire (Hoosier 790) are permitted but must have proof or receipt from Star, tires must be of the same size, no altering, and must be inspected and approved by Star Tech prior to use. No mixing of DOT and Hoosier 790's. Stock, after-market steel, or white spoke wheels are permitted. Wheels must all be the same size. One inch lug nuts permitted. Backspace may not exceed 1/4 inch. (i.e. Seven inch wheel must be 3 1/2 inches maximum backspace measured from the front or back). Backspacing is defined as the distance from the hub mounting surface to the inside lip of the wheel (measured in inches). Seven-inch maximum wheel width.
19. Stock dash frame must remain in place but can be covered with sheet metal. Steering wheel centers must be padded. Quick release steering wheel permitted but must be mounted to a stock steering column. Installation must be approved. All sections of the roll bars within the range of the driver must be padded.
- 20.. Window nets are mandatory. 5-point seat belt harness mandatory. Belts must be dated no older than Five years. Date tag MUST be visible. Complete belt assembly must be always worn on the track.
21. A working fire extinguisher must be within reach of the driver and mounted on the right side of the truck. Must have a fire extinguisher.
22. 2 (two) 48" pipes may be added from the rear of the roof halo back. A single foot protection bar may be added from both front upright roll cage bars to the frame. These bars may not exceed 30" in length and extend more than 6" forward of the body mounts. A single protective hoop in front of the radiator is allowed and welded to the frame not more than 18" behind the stock radiator support.
23. Wheel Studs on the Right Side Must be 5/8" Recommend on all the way around.
24. Weight - All trucks must weigh a minimum of 2700 pounds with 54.0 % maximum left side weight with the driver race ready. All weight must be safely mounted under the chassis or in the truck bed. No weight mounted in the driver's cab.
25. Truck bed must be "tinned over" minimum 22-gauge steel. Must have a 2'x2' access door over the fuel cell. Spoiler is allowed 5" Tall by 55" Wide must be Clear. No Forward-Facing Spoiler Braces. Spoiler must be centered.
26. Mandatory driver safety equipment required is as follows. Full Fire suit to include two piece or one-piece design. Snell 2010 minimum racing helmet. Driver safety gloves. Drivers Safety Shoes Highly recommended safety equipment includes driver head/neck safety device.
27. No Coolant Allowed at any time. If coolant is found there will be a \$250 Fine. Water along with a water wetter type additive is the only allowable coolant.