

## 2024 Modified 2wd Trucks

1. Engine limits 480 CI for blown and 530 CI naturally aspirated (*5 CI leeway*)
2. Ignitions allowed: Magnetos MSD 20 or Mallory Super Mag 5, and MSD 10AL. These are the maximum size allowed. Ignitions rated less than these ignitions are allowed.
3. The only cylinder heads allowed are: Dart 360 and 320, Brodix BB2 extras, Dart 345 Pro 1, and Dart 355 Pro 1, Ford Blue Thunder heads, any other Ford head must be approved by membership, Dodge factory heads, and Indy 440-1 (excluding Hemi heads). Any cylinder heads not listed above must have membership approval before being able to compete. This head selection is based on what is available as of December 2005. Any new version of these heads with modification (such as valve angle, etc) must be approved by membership. No Hemi or four valve Heads Allowed. No 5" Bore spacing blocks or heads.
4. Compression not to exceed 8.5 on whistler. ***NO LEEWAY***
5. 6-71 blower roots type only. Cast rotors only. No high helix or front discharge type blower. Blower must be approved by a 2WD Board Member before being able to compete. 1 to 1 or under blower drive ratio. Blower restraint required. Must have aluminum blower studs. Set-back blowers are not allowed. (For definition of set-back blower, contact Board Member).
6. The only blower manifolds allowed for Chevy & Ford engines are Littlefield & BDS tall or short deck manifolds. Indy competition manifolds for Chrysler wedge style engines only. All other blower manifolds must be approved by the membership. No inner cooler allowed. No sheet metal intakes. Must have pop-off plate or burst panel on intake.
7. Shield around blower belt must surround belt, except bottom of bottom pulley. Must be as wide as belt, must be minimum 16 gauge material, and must be securely fastened in a minimum of 3 places.
8. Port injection is not allowed. All fuel must go through blower. High speed lean out system will not be allowed.
9. Must have fuel shutoff.
10. A spacer between blower and injector is allowed - maximum 4" tall. Both surfaces of spacer must be parallel with top of blower.
11. Enderly Bird Catcher or Enderly Big & Ugly with 4-3/8 butterflies are the only injection system allowed. No center blade is allowed in any injection system.
12. Engine rules are set for 5 years at the start of 2020. These rules may be changed, but require 75% approval vote by the 2WD membership.
13. Motors will be pumped for CI (Vehicle owner must be present or have someone capable of removing the rocker arms assembly-tech inspectors will not perform this task)
14. **Hitch will be at 30" and weight will be at 6000 lbs** for both blowers, 30" 6200 lbs natural aspirated motors. Hitch must be ridged in all directions.
15. May use custom frame. 180" center rear axle to farthest point forward, weight incl. with the exception of a 10" over-length allowance or cosmetic fiberglass only, no steel structure reinforcement or steel bumpers allowed past 180". This allowance is for 1994 and newer Dodges, 96 and newer fords, 98 and newer chevy-gmc. must be factory production truck (No T Buckets)
16. Must have front and rear glass or Plexiglas. Vehicle may not be stripped beyond safe operating conditions (hood, fenders and doors. factory box must have floor or cover.) must have firewall between motor and driver.
17. Side shields will be required on all trucks. These must cover from bottom of block to top of cylinder deck- to min. of .060 steel or aluminum, frame may act as shield.
18. Trucks with planetary rear-end, drive shafts must be covered 360\* with 5/16" steel or 3/8 alum. round material.
19. No Nitrous oxide, nitro methane, or oxynated fuels or pressurized fuels of any kind allowed. ***Alcohol only.***

20. Any tire, any rim, any alterations allowed. Max. tire size 18.4" x 16.1". max. wheel width 20".
21. **Tires - build date on tire must be prior - 2022 or board approval needed. No oversized tires.**
22. All weight added to vehicle must be securely fastened.
23. Wheelie bars and push bars required. Must have kill switch Located in rear of vehicle (max. 6" left or right of center, max 24" above hook point 2" steel ring required. Working reverse light required also.
24. Driver must wear full fire suit, fire gloves, fire shoes, head sock or helmet with fire sock built in.
25. Must also follow Tri-State Truck & Tractor Pullers, LLC general rules and guidelines.  
For any questions concerning the rules call a TWD board member.