

TRACTORS PULL

PULL BY WEIGHT TRANSFER SLED

Extreme caution must be exercised at all times while working with any tractor pull due to the number of people involved with the pulling tractor and sled.

THIS SECTION CONTAINS **MANDATORY REQUIREMENTS** THAT MUST BE FOLLOWED AND EACH BRANCH SAFETY OFFICER MUST SEE THAT THE REQUIREMENTS ARE FOLLOWED.

MANDATORY REQUIREMENTS FOR EDGETA SPONSORED EVENTS

1. All pullers must be members of EDGE&TA.
2. All pullers must be 16 years of age and have a valid driver's license. If not, they must have completed the Youth Driver Training Program.
3. It is recommended that a progressive weight transfer sled be used. It must be built with safety in mind to protect the puller, the sled operator, and the public.
4. Each sled will have a working fire extinguisher mounted in such a manner to be easily accessible to operator or Ground personnel in case of a tractor fire.
5. No tractor with other than manufacturer standard engine will be allowed.
6. All tractor engines must not exceed the manufacturers recommended HP and RPM by more than 10%.
7. **Speed- not to exceed 4 MPH. Torque shifting not allowed.**
8. Never hook up the pulling tractor until operator has put tractor in neutral and raised their hands.
9. The driver is the only person allowed on a tractor at any time. Drivers must remain seated at all times except for tractors designed for standing only i.e., Steam Tractors and certain gas/kerosene tractors, which are allowed no more than two operators.
10. All tractors must have a kill switch or device accessible from the operator's seat to kill the engine.

11. Keep spectators at least 30 feet from edge of track. Spectators may be closer if solid barrier or fence separates spectators from track.
12. Any violations observed by the flag person or safety officer will mean automatic disqualification.
13. Tractors must have the stock engine, frames, transmission, rear end, and axle housing or manufacturer's replacement.
14. All tractors must be equipped with working brakes.
15. Tractor shall not be left unattended with engine running.
16. There will be no hot rodding in the pits or track area.
17. **Fuel**— gasoline, diesel, kerosene or LP fuels only. No alcohol or nitrous fuels may be used in tractors. Tractor manufactured to use diesel fuel only cannot be converted to gasoline or LP. No airplane fuel. Fuel is meant to be the same fuel that you use in your automobile or truck.
18. Maximum hitch height 20 inches Rubber tire classes
19. Minimum hitch length 16 inches Rubber tire classes
20. Maximum hitch height 16 inches Steel wheel classes
21. Minimum hitch length 18 inches Steel wheel classes.
22. Front of tractor not to exceed 16 inches off the ground. A chain device must be used to determine height. Device to be furnished by sled operator.
23. If wheelie bars are used, chain device not needed.
24. Wheelie bars recommended but not required.
25. If wheelie bars are used, they must be checked so not to allow the front of tractor to exceed 16 inches off the ground and must be tested to weight of the tractor.
26. Tractors not to exceed 100 HP.
27. If anything falls off of the tractor during pull, the tractor is disqualified.

28. Crawler tractors use standard hitch. No modifications.
29. All pulling tractors must be 1970 or older.
30. Operator must furnish a straight up and down or twisted clevis with a minimum opening of 3.0" bolted or pinned to the draw bar.
31. **NO ALCOHOL is to be consumed or served at any EDGETA event.**

THIS SECTION IS GUIDELINES OR SUGGESTIONS FOR A TRACTOR PULL

The following list of people is suggested:

1. Event Chairperson (Sled Operator) Safety Officer
2. Announcer*
3. Statistician*
4. Flag person
5. One hook and one unhook persons.
6. Pull back tractor and operator.
7. Scraper tractor and operator

TRACTOR PULLS CAN BE CONDUCTED IN SEVERAL CLASSES:

Listed are classes that can be used in combinations.

1. Tractors can pull for distance.
2. Tractors can pull by percentage of weight.
3. Rubber Tire classes
4. Steel wheel classes' antique classes only pre-1940
5. Crawler classes
6. Antique classes
7. Classic classes

8. Farm Stock classes

Following is A Discussion of Tractors and Classes.

1. Open classes
2. Tractors must be 30 years or older.

AGE OF TRACTORS: (New)

- The age of tractors has been increased to include those that are 30 years old or older.
- Previous ages of tractors were 1960 and older.
- The pulling requirements will not change for the newer tractors.
- They will still have to meet the 100 HP Maximum, 4-MPH speed and 10,000 weight limit and all the other regulations.
- The Branches may want to set classes for these tractors or incorporate them in with the other tractors.

WEIGHT CLASSES: 0 – 2000, 3000, 4000, 5000, 6000, 7000, 8000, 9000, & 10,000 or any combination thereof. IE: 0-1500, 1501 – 2000, 2001 – 2500 etc. not to exceed 10,000 lbs. Classes may be 0-3500, 3501-4500, 4501-5500, etc. Classes are to be determined by the Branch's sled operator.

Entry:

1. Tractors may be pulled in several classes, once in each class.
2. Tractors cannot enter classes below its lightest weigh-in weight.
3. Example: Antique class tractors may also pull in the next class if the tractor meets the rules for that class.
4. The Branch can control how many times a tractor can pull and what classes they pull in. But you must remember that a 3000-pound tractor pulling in a 5000-pound class and winning is probably not stock.

Rims and Wheels – Tractors must have OEM recommended diameter rims and OEM wheels. Wheels with rims for manufacturers original recommendations to include cut-

downs for tractors that may have originally been on steel wheels, no modified dish wheel with holes cut out to reduce weight.

Tires – Tires must be on rim width, not exceeding tire manufacturer's recommended width. Maximum tire size – one size above manufacturer current replacement size. It is a branch decision whether to allow cut tires or radial tires.

Hitches – Maximum 20" height (stationary in all directions) locked on tractors such as IH fast hitch, Ford 3-point hitch, etc. Hitch length not less than 16" from center of rear axle. Hitches must be as from factory-unaltered for that specific tractor. Operator must furnish a straight up and down or twisted clevis with a minimum opening of 3.0" bolted or pinned to the draw bar. Hitch measured at hook point of clevis.

Recommended: The front wheels of the tractor are not allowed to exceed 16" off the ground during a pull. Sled operator is to provide a linked chain or device attached parallel with the center of the front axle with a maximum of 16" on the ground. Chain must be dragging at the time tractor is hooked. Wheelie bars are optional but recommended **Speed –not to exceed 4 MPH.**

Weights – appearing to the original manufactured weights as possible. No concrete weights allowed. Original manufacturer suitcase weights are allowed if the tractor manufacturer equipped the tractor with the weights. They must be mounted per manufacturer operator's instruction manual.

Engine – Stock block, naturally aspirated. Exceptions: Oliver 99 GM, etc. Stock head, manifold, and carburetor. Manifolds are to be replacement-manufactured parts accepted for that make and model tractor. Stock engine RPM. Engine parts not in parts book for that specific tractor cannot be used. RPM – Maximum of 10% over factory high idle specification.

Exceptions:

- generator vs. alternators,
- points vs. electronic ignitions,
- magnetos vs. distributors,
- hand cranks vs. electric starters,
- single exhaust vs. dual exhaust,

- side shields whether factory or homemade,
- 6-volt vs. 12-volt.

These variations can be set by each branch and controlled by each branch.

Appearance – Tractors must maintain original stock appearance. If a part is not found in the manufacturers' parts book it cannot be used. Seat must be stock seat, or a manufactured seat placed with stock mountings (such as TSC).

Exhibition Class – If for some reason a tractor doesn't meet EDGETA Requirements or guidelines, it can be pulled in an exhibition class if it is deemed safe by the pull committee.

For Example – If tire size doesn't meet branches requirements, or specialty tractors such as the Ford with Funk Conversion etc. These tractors must meet all other requirements.

NO SMOKE BLOWERS.

Safety – The Track Flagman Rules while the tractor is on the pulling track.

THESE SAME MANDATORY REQUIREMENTS AND GUIDELINES MAY BE USED IN ALL CLASSES.

1. Tractor ages vary in the different areas of our membership. It is up to the branches to determine the classes to be pulled.
2. It is the responsibility of the branches to follow the requirements and guidelines set forth by EDGETA.
3. The branches have more leeway to set classes to fit their area. All activities must be safe.

Revised: August 2023