

**Southern Missouri
Truck & Tractor
Pulling Association**

2017

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Membership Dues for 2017

Full - \$75.00 Associate - \$25.00

\$35.00 1-Day temporary member(Temporary members do not receive points)

By-Laws
Southern Missouri Truck and Tractor Pulling Association
Adopted April 5, 2004

Name

The name of the organization shall be the Southern Missouri Truck and Tractor Pulling Association.

Purpose

The purpose of SMTTPA is to promote the sport of truck and tractor pulling by providing standard rules and assistance to individuals interested in or participating in the sport of pulling as well as to individuals, groups and organizations wishing to conduct such contests..

Membership

The membership shall consist of individuals desiring to participate in the sport of pulling who have met the requirements of the Association as defined in the SMTTPA Rule Book.

Voting Rights

Everything that needs to be voted on at the annual meeting needs to be passed by **2/3** vote by the members. You have to be a member of the current year, current class, and pulled 25 percent current season to vote at the annual meeting. Dues need to be paid for next year **2017** before you vote; otherwise, your vote does not count. A person may have one vote per unit.

Officers of the Board

A Board that consists of a President, Vice President, Secretary and Treasurer shall govern the Association. The member of SMTTPA will fill these positions each year. No Officers of the Board may reside in same residence. The board can call a meeting when it is deemed necessary.

Truck and Tractor Board

Truck and Tractor Board will consist of 8 members of the Association. They will help in making decisions along with the Officers of the Board. The members of the association will vote every three years for new members to fill these positions. **ALL BOARD MEMBERS MUST PARTICIPATE AT LEAST 25% OF PULLS AND BOARD MEETINGS.**

General Contest Rules

- 1) You must be an S.M.T.T.P.A. member to pull in all sanctioned classes for points. Entry Fees for members is \$20.00. For 1 day temporary membership \$50.00. **(NO REFUNDS)** All temporary members must conform to the rules and by-laws of the association. If your vehicle is found to be illegal it will be and exhibition hook only. **(NO MONEY)** The vehicle has to be a member to hook to the sled, in sanctioned classes, at any of our pulls, due to insurance reasons.

- 2) Dues are \$75.00 for full membership and \$25.00 for associate.
- 3) **ALL** Pullers need to be signed in by the start of the second class or you will pay and additional \$10.00(**NO EXCEPTIONS**) Members: \$30.00
Temporary Members: \$55.00 You may enter when you arrive if class has already started but your placement in in the line up will be by a member of the Board.
There will be no complaints to the registration table or scales. You must see an Official Board member for all complaints. If you fail to do so you will be Disqualified for that night(NO POINTS,NO MONEY, NO REFUND)
- 4) A sanctioned pull must use a dirt track no less than 200 feet in length, and not less than 20 feet in width. This track must be maintained and packed with the proper equipment during the pull. Trucks and Tractors to have a floating gate except in circumstances where a floating gate is not possible, i.e. saddle clubs, rodeo arenas, ditches or other obstructions at the end of the track, etc....
- 5) It is the pullers responsibility know who pulls in front of him, get in line, weigh in and get up to the sled when it is their time to pull. We will only wait one minute then we will go to the next puller, unless mechanical issues, you will be disqualified. We will go to the next puller.
- 6) It will be the pullers responsibility to notify the track judge of troubles or they will be disqualified.
- 7) Vehicles traveling the farthest distance before being stopped will be declared the winner of their class. If more than one vehicle goes through the course, more weight will be added; those vehicles will pull again, if mechanically possible.
- 8) All pulls will be measured with the monitor or a laser on the sled.
- 9) The sled operator and/or the president will be the decision makers on the reweighing of the sled.
- 10) If the puller makes an attempt to stop before 100' - a repull will be allowed if:
Front of Sled Stops before the 100' Mark
i.e. Sled Monitor Reads less than 100.00'
The Sled Operator is the Judge on this!
- 11) First puller has the option to repull in the 6th position or last; if the sled is reweighted you have the option to back up and hook right then or puller can drop to the 6th or last position.
- 12) A number must be drawn for every puller to know what pulling position they will be pulling in. Class Line-up - No changing classes around for people to get there and pull. You can call, but a number will be drawn for you by the person at table and you are responsible for getting the hook fee to table before you pull. If you are not there in time to pull you forfeited your pull but still have to pay the hook fee if you are on the roster.

- 13) A pull is not ended as long as the vehicle is hooked to the sled, or ruled so by track judge. Pulls are ended by the following:
Forward motion stops. (Excessive digging will not be allowed)
Disqualification:
Driver does not remain seated with seatbelt on.
Vehicle gets out of bounds, including the 100' starting area, not the sled.
Starting under the red flag.
All weights must be securely fastened to the pulling vehicle. If weight used for ballast falls off and touches the ground, it is an automatic disqualification unless you are the first puller of your class.
- 14) All pulls must start with a tight hitch, no jerking allowed. Contestants will be allowed two consecutive attempts and 100 feet to start the sled.
- 15) A cone must be placed to spot the sled before the sled comes back from previous hook. Each contestant has the privilege of and the responsibility for spotting the sled for each of their attempts. Sled operator must be notified of where contestant wishes sled place when previous vehicle unhooks from sled. Once the sled is back at the starting gate it will not be moved for a puller. The sled driver will try to get it to the spot you want, but will not spend much time of moving the sled around just to satisfy you.
- 16) A marker will be used to mark out of bounds with inside of marker to be boundary.
- 17) Each vehicle may enter in only one (1) class; the open classes are not included. If more vehicles are needed to fill a class, a vehicle can pull more than once, each to run their own rules. On tractor nights only, tractors will be allowed to jump to the next class.
- 18) All protest must be made before the prize money is handed out that night of the pull. Protest fee is \$500.00 If the protested vehicle is found to be illegal, they will lose money for that pull and the vehicle is out a year and a day. The protester is returned his protest fee. If the protested vehicle is found to be legal, the protested vehicle keeps the protest fee and all prize money, if any is involved. Any vehicle that is found illegal on cubic inch the vehicle and owner will be suspended for one year and a day with loss of points for the entire year, even if the vehicle has been sold to some one else. A tech check does not constitute as a protest.
- 19) In the event of a rain out (if the class has started) you will get six points each.
- 20) **UNSPORTSMANSHIP**-Conduct which exists of violence and arguing. This will not be tolerated and will be dealt with by the executive and truck/tractor boards. **This includes your crew members.** Suspensions up to and including, one year and one day.

21) No drinking of alcoholic beverages by any driver until after they have competed or your vehicle does not go down the track and you will not receive any points for the night. **(THIS WILL BE STRICKLY ENFORCED)**

22) In order for a class of vehicle to be considered a points class at the end of the year at least three vehicles had to have pulled for points in at least 50% of the total pulls of the year.

23) All pullers must drive their vehicle onto the track and back it to the sled.

24) No vehicle is to be left running and unattended after it crossed the scales.

25) No adjutments can be made to your pulling vehicle/tractor after you cross the scales.

25) All pulling vehicles have to have a full membership. If a vehicle has more than one driver, the other driver can sign up has an associate member.

(Associate fee 25.00)

If you have two or more Trucks/Tractors you must have a full membership on each vehicle.

26) At the board discretion, they can check your truck/tractor at any time they see fit. If you refuse for any reason, it will result for you to be kicked out for a year and a day.

27) No compressed canisters of any kind allowed in any of the classes (NOS, oxygen, propane, etc.)

28) **To change any rules or have brought up for discussion for the year of 2018 they must be submitted in writing to a member of the executive board before the last sanctioned event. Otherwise, there will be no discussion of anything at the annual meeting if it was not received before the deadline.**

29) No Profanity on vehicle.

Point System

1 point show	5 points hook		
1 st place	10 points	6 th place	5 points
2 nd place	9 points	7 th place.....	4 points
3 rd place	8 points	8 th place	3 points
4 th place	7 points	9 th place	2 points
5 th place	6 points	10th place	1 points

Disqualification draws only points (5)

(Loss of weights, out of bounds, etc.)

Drawbar Heights

- 4 Wheel Drive – 26 inches
- 2 Wheel Drive – 30 inches
- 2 Wheel Drive over 540 CID - 28 inches
- All Tractors – 20 inches

Length from Center of Rear Axles to Hitching Point

- 4 Wheel Drive – 36% of wheelbase
- 2 Wheel Drive – 18" minimum
- All Tractors – 18" minimum

General Truck Rules

All drivers required to wear fire jacket, helmet, and seatbelt or harness

TIRES: MAY BE BUFFED. MUST BE DONE AT BOARDS APPROVED LOCATION. ANY OTHER BUFFING/GRINDING WILL BE CAUSE FOR SUSPENSION FOR 1 YEAR AND 1 DAY AT BOARDS DISCRETION

1. Open hood for inspection.
2. No fuel tanks. No fuel pressure gauges or fuel lines inside of the cabs.
3. If the battery is inside the cab, it must be safely enclosed and securely fastened down.
4. No radiators or water hoses allowed inside of cab.
5. A 2 ½-pound fire extinguisher must be mounted in the cab with easy reach of driver.
6. **Must wear seat belts , fire jackets, helmets in all truck classes.** Seat belts are required and must be worn when vehicle is pulling or puller will be disqualified.
7. Pumping: A class member may pump a member of class for \$100.00 (Pump fee goes to the association). Results will be given to member requesting pump. No disqualification. Vehicle will continue to compete unless found illegal by teardown. Top 5 vehicles can be pumped at board's discretion.
8. Drawbar must be equipped with a steel hitching device not less than 1" by 1" square (1" round stock) and with a T round hole min. of **3" x 3 3/4** round hole.
9. Hitch point to rear axle center, line must be a minimum of 36% of wheelbase and a max of 26" in height.

10. Hitch must be secure to vehicle frame and rigid in all directions. No cables or chains allowed in hitch mounting. Movement of the hitch in any direction will not be allowed. CLASS RULES APPLY.
11. No cam type rear ends.
12. All drive line U joints to be enclosed in 360 degrees shield 1/16 inch thick steel or 1/8 inch aluminum. Shield should rigid and close enough to joint to restrain any broken parts. Joint should not be seen from side, top or bottom.
13. Each drive shaft must have a minimum of (2) two loops. If vehicle has a shaft between transmission and transfer case no longer than 24 inches, one (1) loop, properly centered, will suffice. Two-piece shafts must have four (4) loops.
14. Loop location to be no less than six (6) inches and no more than twelve (12) inches on solid end of shaft and one (1) inch past stub on end with slip joint, or three (3) loops evenly spaced so that if slip joint breaks, shaft can not drop.
15. Loop material shall be of steel no less than $\frac{3}{4}$ inch wide $\frac{1}{4}$ inch thick, if aluminum, minimum $\frac{3}{8}$ inch thick.
16. If original vehicle has side doors they need to be on and closed. Driver's door must be operational from inside and outside. Bumpers, tailgates, van rear doors are optional. Truck bodies may be fiberglass-complete body or body components.
17. All weights must be securely attached to vehicle. Loose ballast (sand bags, rocks, unattached metal, etc) **Not** allowed.
18. No dual wheels, chains, or studded tires allowed. All tires must have rubber or rubber compound contact between tire and pulling surface.
19. Front and back glass or plexiglass required. Tinted or shaded windows hindering the driver's vision front or back will not be allowed.
20. Any truck with engine-driven fan blade is required to have fan shroud and should be no more than one (1) inch from radiator core and $\frac{1}{2}$ inch past rear blade.
21. All pulling trucks must be required to have a steel billet flywheel. The flywheel must be made of steel with the following mechanical properties: Tensile strength of 60,000 PSI and yield strength of 40,000 PSI. Any aluminum or magnesium fly specs will be acceptable.
22. Any type of metal shields to cover all axle bolts is mandatory and must be securely held in place.
23. All pullers under the age of 18 need to be certified with the board for approval. Certification will be at playday/before or after a sanctioned pull. A parental consent form must be signed. NO EXCEPTIONS

24. **NO KILL SWITCH/ NO PULL A working kill switch** and back-up light located in the rear on the bed in all classes. **Kill switch** must have a zip tie. In the event your kill switch is pulled, if the zip tie is broken you can rehook, if the tie is **NOT** broken you will can not rehook.
25. Air-shocks, Air-bags are NOT allowed.
26. No flatbed, Diesels engines and no aluminum beds.
27. All truck classes must be equipped with steel bell housing(SFI approved)plus block saver plate. A Safety blanket is required on automatic transmissions.
28. Must have working Front Brakes or working Drive line Brake at transfer case.
29. The back of engine block no closer than 14" (plus or minus .250") to center line of front axle.
30. Firewall must be original or of equal material strength. No open holes.
31. Must run pump gas or racing fuel. No alcohol or nitrous oxide.
32. Natural Aspirated Engine Only.
33. No aftermarket fuel injection systems.
34. Must maintain stock Wheel Base max – 133"
35. 1 Ton front end max. Can run any rear end.
36. Must run SFI approved harmonic balancer or must have shield.
37. No barred tires.
38. All Automatic Transmission Equipped Vehicles must have neutral/park safety start switch!

Truck Classes

6200 HOT STOCK TRUCKS General Truck Rules Apply

1. Single carburetor, limited to a 4150 style flange.
2. Factory OEM cast iron intake, and factory aluminum intake for year of vehicle or factory installed fuel injection with factory aluminum intake. No added material. No adapter plate may have 1" spacer plate with 2 paper thin gaskets.
3. Factory Production Cast Iron OEM Heads – No Hemi Heads – No Aluminum Heads. Head must have factory Casting #'s on them in factory location.
4. No blocked suspension, No traction bars, One vertical bolt in springs and No clamps.
5. All shackles must be in stock location and fully functional, no blocks, no welded springs. (9) Nine total factory springs, Limit of 2 rear shocks in factory position. Shocks cannot be solid or welded.
6. Hitch point will not be closer to centerline of rear axle than 36% of wheelbase. 36% of the maximum allowable wheelbase (133") is 47.88"
See Pic.
7. No visible weights
8. 6200 lb class
9. Complete body less tailgate. No fiberglass bodies, must be stock appearing, front bumper in stock location, can have 6" air dam below front bumper. No cut out beds. Full interior in cab including seat, dash, door panels and factory glass.
10. No straight pipes or headers. Exhaust must run through mufflers and must exit one (1) foot rear of cab. Cast Iron Exhaust Only
11. Engine must be able to pull 16" of manifold vacuum or more, at 800 rpm (No vacuum pumps). RPM's to be checked with a digital tach.
12. Must make vacuum hose easily accessible and mounted to drivers side inside firewall
13. Street legal DOT tires (REFER TO RULE 1 GENERAL TRUCK RULES)and no larger than 33" tall and 12.5" wide or 305R tire size. Front tires cannot track past center of rear tires or vice versa.
14. 468 cubic inch limit
15. No brush or grill guard

16. Must make vacuum hose easily accessible and mounted to drivers side inside fenderwell.
17. NO Headers.
18. Motor mounts in stock position for make and model of the truck.
19. One time hook. Per unit, on any other rule than cubic inch, You will get **ONE** Warning for rule infraction, NO POINTS/NO MONEY

SUPER STOCK SMALL BLOCK

1. 430 Cubic inch limie with 1 percent tolerance
2. All blocks must be cast iron with standard bore spacing and standard deck height.
3. No LS or late model style engines with overhead cams allowed. Aftermarket blocks allowed but no aluminum blocks permitted.
4. Blocks allowed:
 - Chevy: small block including the small 400.
 - Dodge: 318/360 small block
 - Ford: Windsor 302/351, Cleveland 351 & 400M blocks. No FE style blocks allowed.
6. HEADS: Any Oem or Aftermarket hear made of cast ior or aluminum that are made for these make of blocks mentioned in rule 4.
7. Any intake manifold that will fit these heads are allowed. Including spacers you must use to mount the Cleveland intake to the Cleveland style heads on the 400M Ford block.
8. Any single carb is allowed but NO fuel injection is permitted.
9. Any ignition system, mag or electronic box MSD, etc., or whatever brand you choose is permitted.
10. **THIS CLASS WILL RUN PRO STREET GENERAL RULES FOR THE CHASIS AND THE ENGINE RULES FOR THE SUKPERE STOCK SMALL BLOCK AS LISTED ABOVE.**
11. **NO ALCOHOL ALLOWED.** Natural Aspirated Engine Only.
12. SAFTEY EQUIPMENT MUST BE IN PLACE JUST AS IT IS IN THE PRO STREET TRUCK RULES
13. Payout: 1st 100 .00 2nd 75.00 3rd 50.00

6200 Super Street Truck Rules

ALL GENERAL TRUCK RULES APPLY

1. Rules in the Super Street class are to be voted on yearly.
2. The cubic inch limit is 468 Cubic Inch Displacement. 6200LBS
3. OEM iron cylinder heads. NO hemi heads.
4. Back of engine block may be no closer than 14 inches, plus or minus 1/4 inch, behind centerline of front axle.
5. Single carburetor, limited to a 4150 style flange.
6. No fuel injection systems.
7. No dry sump oil systems allowed.
8. No rear shocks allowed.
9. Factory OEM cast iron intake, NO added materials (plastic, epoxy, brass, aluminum, etc.,) anywhere on, in, or under intake. Spacer may be used to adapt the intake to tall deck blocks. 2 inch maximum adapter from carburetor to intake plus two 1/4 inch gaskets.
10. Can have headers, Exhaust must exit rear of cab.
11. No blocked rear suspensions or traction bars. No chains, cables, or devices on front other than OEM. One vertical bolt in springs on rear springs is allowed. No Blocks on rear suspension or traction bar. Chains allowed on rear.
12. Shackles or spring hangers must be in place and functional, NO blocks on frame or shackles to limit suspension system travel. No welding of springs, can clamp springs, clamps cannot be longer than 3 inches, 4 clamps per side.

13. You can run a bumper or a draw bar style hitch. If pulling from rear bumper the bumper must be mounted to rear of stock frame. Can have bracing from center of bumper to frame rail, but can extend no further than 24 inches forward from end of frame. Pulling hitch must be mounted to the bumper. Can pull from a twisted clevis or similar device, (horizontal L hole). Hitch must be no more than 26 inches high and at least 36% of wheel base from center of rear axle. 36% of the maximum allowable wheelbase (133 inches) is 47.88. Hitch bracket shall extend not more than 2 inches above frame rail at attachment point. Hitch brackets must be constructed of 2" x 2" x 1/4" metal. Forward edge of hitch brackets shall not extend no further than 24 inches forward of hitch point.
14. No visible weights beyond factory bumper in factory position. Weights may hang 6 inches below bumper and covered by a 6 inch air dam. Bottom of weights minimum of 8 inches above ground.
15. No fiberglass body. Body must be stock appearing; front bumper must be in stock location, can have 6 inch air dam below front bumper. No cut out beds.
16. Truck must have complete body less tailgate.
17. Front tires cannot track past center of rear tires, or vice versa.
18. OEM transfer case and axles: 1 ton max, no other style rear ends allowed.
19. Tire size is limited to DOT 33x12.5 or 305/70
20. Small block motors will be able to run aluminum dual plane intakes, no air gap style, and no external modifications. The cubic inch limit on small block motors will be 383. They can only run OEM cast iron heads and an OEM cast iron block no aluminum heads or blocks.

21. A 4150 base 4 barrel carburetor max.
22. Any super street and up truck with engine driven fan blade is required to have metal fan shroud and shall be no more than one (1) inch from radiator core and 1/2 inch past rear blade.
23. All trucks are limited to a maximum of 133 inch wheelbase.
- 24. Any rules agreed on will be enforced. If rules are not followed and truck is found to be illegal. IT WILL NOT BE ALLOWED TO PULL FOR POINTS OR MONEY THAT NIGHT. NO EXCEPTIONS.**

**6200 PRO STREET CLASS
General Truck Rules Apply**

1. 6200 lb weight limit
2. 473 cubic inch limit
3. Vehicles limited to one (one-piece) carburetor.
4. Factory Production Cast Iron OEM Heads – No Hemi Heads – No Aluminum Heads. Head must have factory Casting #'s on them in factory location. No aftermarket cast iron heads allowed.
5. Open exhaust okay, all exhaust must exit down and back.
6. Must run stock appearing frame and body. Cut out bed allowed, but must be covered. Bumpers must be astedic to body.
7. Can have solid rear suspension. Rear axle must be solidly attached.
8. No weights beyond factory front bumper.
9. Street legal DOT tires (REFER TO RULE 1 GENERAL TRUCK RULES) and no larger than 33" tall and 12.5" wide or 305R tire size. Front tires cannot track past center of rear tires, or vice versa.
10. Must use OEM type transfer case

**PRO STOCK 4 X 4
General Truck rules apply**

1. 485 CID & 6200LB class
2. Street legal DOT tires (**REFER TO RULE 1 GENERAL TRUCK RULES**) and no larger than 33" tall and 12.5" wide or 305R tire size. Front tires cannot track past center of rear tires, or vice versa.
3. Can have solid rear suspension. Rear axle must be attached.
4. Body must retain original location. No body lifts.
5. Any single four-barrel manifold is allowed.
6. Headers must go straight up and out of hood or down and back. They cannot turn down.
7. If the bed is cut out, it must be covered.
8. Any type transfer case allowed.
9. Hood is required. Holes in hood for headers only. Holes for breather must be 16 inches or with any hood scoop.
10. Any heads are acceptable other than Hemi heads.
11. All trucks to have side shields from frame to bottom of head.
12. Weight bar must not exceed 60 inches from center line of front axle.

**DIESEL TRUCKS
PRO STOCK DIESEL 4X4 TRUCKS**

GENERAL TRUCK RULES APPLY

Weight breaks 8000lbs. Weight is with driver Minimum weight 7500lbs

BALLAST:

Ballast is permitted. Front hanging weights are allowed, not to exceed 60" forward of the center of the front axle. This will be measured from center of front wheels to then of the

weight assembly.

BODY:

The body must be the OEM truck body, included the full bed floor. The body must retain full sheet metal, aftermarket hoods are permitted. The hood must be closed and securely latched while the vehicle is hooked to the sled. The complete OEM firewall is mandatory. If the bed or cab has been cut out you must have 200 lbs of movable weight behind the rear axle.

BRAKES:

Front brakes are mandatory.

CHASSIS:

The OEM chassis is mandatory. The engine must be in the OEM location for the body used. The vehicle must retain the full OEM chassis, Wheel tubs, back-half conversion, tube chassis, etc., are prohibited.

CREDITIALS:

All drivers must have a valid state driver's license.

DRIVE SHAFT LOOPS:

All trucks must have at least six inch wide u-joint shields around the rear u-joint constructed of at least 1/4" inch steel or 3/8" inch aluminum that will safely contain the u joint and the end of the rear shaft. All shields must be securely mounted to the vehicle. Any front shaft u-joint that is visible from the side of the truck must be shielded to contain the u-joint and end of the shaft.

ENGINE:

The engine is limited to a stock appearing, Engine and transmissions can be interchanged between Dodge, Ford, and GM as long as they came in a 1 ton truck or less from the factory. Complete engine must have stock appearance except where otherwise noted in these rules. Aftermarket intake manifolds are allowed.

EXHAUST:

All vehicles must be equipped to direct exhaust upward. Two(2) 3/8" inch diameter bolts must be placed through the exhaust pipe in a cross pattern within one inch of each other, within 12" of the turbo.

FIRE EXTINGUISHER SYSTEM:

A fire extinguisher system is mandatory. It must be securely mounted.

FUEL:

The fuel must be pump #1/#2 Diesel, Soy/Bio diesel fuel. No propane or NO2 permitted or any other oxygen enhancers,

FUEL INJECTION PUMP:

The fuel injection pump is limited to a stock appearing, OEM engine model specific pump only. The use of multiple high pressure common rail fuel pumps is legal. Powerstroke engines with single factory turbo may utilize a second HPOP. Pumps from different years in the same engine model may be interchanged, P7100 pumps are allowed to RSV(ag governors).

FUEL SYSTEM:

Racing fuel cells are permitted.

HITCH:

The hitch must be horizontal to the ground and stationary in all directions. Bumpers may be notched or removed. The hitch height from the ground may not exceed 26 inches. The hooking point must have a minimum 3" wide x 3 3/4" length inside diameter opening for the sled hook. The hooking point must be a minimum of 44" from the center of the rear axle to the center of the hooking point. Hitch must not exceed a maximum of 25 degree angle from pivot point to hook point. The hooking point will be measure to the center of the clevis loop.

SAFTEY:

Safety switch(raincap or guillotine) must shut off air to diesel motors. Switch will be securely mounted to the back of the vehicle and have a two inch diameter ring to attach to the sled. Fire Jacket, Helmet and seat belt required.

SUSPENSION:

Rear suspension may be welded. All front axles must have coil or leaf springs and must be in stock location. Adjustable front suspension stops must be mechanical, Pneumatic,Hydraulic & electrical stops are not allowed. Traction and ladder bars are allowed.

TIRES:

The tires must be DOT street tires. 35/12.5 or metric equivalent.

AXLES:

Any front or rear axle. No planetaries permitted.

TRANSFER CASE:

Any transfer case.

TRANSMISSION, AUTOMATIC:

Any non-OEM floor mounted automatic transmissions shifter must be equipped with a spring loaded positive reverse lockout device to prevent the shifter from accidentally being put into reverse gear. A Functional neutral safety switch is mandatory. All transmission lines must be metallic or high-pressure type hose. All vehicles using an automatic transmission must be equipped with a transmission shield meeting SFI Spec 4.1 and it must be labeled accordingly. A blanket type shield must be appropriately labeled as meeting SFI spec 4.1 and it must extend from the rear of the block to the front of the transmission main body; the bell housing area is to be completely covered with a six inch overlap where it is fastened. All non-blanket type shields must incorporate two(or one, per manufacturer's instructions) 3/4" by 1/8" straps that bolt to the

shield on each side and pass under the transmission pan unless the transmission pan is labeled as meeting SFI spec 4.1. All vehicles using automatic transmission must be equipped with a flex plate meeting SFI spec 29.1 and be covered by a flex plate shield meeting SFI spec 30.1.

TRANSMISSION, MANUAL:

A clutch meeting minimum SFI SPEC 1.1 or 1.2 is mandatory on all vehicles. All manual transmissions must be clutch assisted. Sequential shifters are prohibited. All vehicles equipped with a manual transmission must have a flywheel shield labeled as meeting SFI spec 6.3 or greater. Applications for which an SFI spec flywheel shield labeled as meeting minimum SFI spec 6.3 or greater. Applications for which an SFI Specific flywheel shield is not available may use a properly attached SFI 4.1 or 4.2 blanket that completely covers the bell housing; it must be attached to the block and extend rearward to the transmission with a minimum 6" overlap where it is fastened.

TURBOCHARGER:

The vehicle is limited to a 2.6 inducer bore single turbocharger. The compressor wheel must protrude into 2.6" bore 1/8". The inlet will be measured using a 2.65 inch plug, the plug must not be able to enter the inducer bore. A stock map width enhancement(MWE) groove is allowed. No MWE groove will be allowed that has a width greater than .200". All provisions allowing air into the wheel other than via the bore and the MWR groove are prohibited. The vehicle driver is responsible for making compressor wheel accessible for tech personal to measure bore and be able to inspect compressor wheel. PPL legal 3.0 smooth bore charger will be allowed

WATER INJECTION:

Water injection is prohibited. All system components must be removed from truck.

ICE WATER INTERCOOLERS:

Permitted

WHEELBASE:

The vehicle must retain the original factory wheelbase (if over 158" wheelbase) and track width. Maximum of 1 ton truck chassis only allowed.

2.5 WORK STOCK GENERAL TRUCK RULES APPLY

1. True 2.5" inducer bore. NO CLIPPED WHEELS/NO BUSHINS/NO TAPERED Teched with a 2.55 Plug .200 Max MWE groove.
2. No hanging weight beyond front bumper (ballast permitted behind front bumper)
3. 8000lb maximum weight (with driver)
4. Must be a reciever hitch mounted in factory position. 26" hitch height.
5. DOT tires 35" Height limit
6. No Dal pumps, no compressed gases or Water/Methonal Injection
7. Diesel Fuel Only
8. Traction bars are allowed-Drive shaft loops/sheilds are recommended, but not required.
9. Exhaust must point upward.

Two wheel Drive Modified

1. Tire side is limited to 18.4 X 16.1 nothing bigger
2. 30 inches hitch height, no bigger
3. 540 cubic inch (Over 540 cubic Inch—Lower Hitch 28:inches)
4. Weight limit 6200 lbs.
5. Can run 2 carburetors. Must be naturally aspirated. Can run fuel injection. Can run alcohol.
6. Trucks will be no longer than 15 ½ feet from center of rear axle to the most forward position of the truck. No weight further than 15 feet.

7. General truck rules apply.

General Tractor Rules

Fire jacket, helmet and harness are required

- 1) Contest is limited to rubber tire tractors; no tire chains, rear duals, or four wheels drive allowed.
- 2) All tractors must be equipped with workable rear wheel brakes.
- 3) All non-stock tractors are to be equipped with wheelie bars capable of holding the weight of the tractor.
- 4) All Hot Stock & up tractor classes must have a kill switch in a centralized location immediately available to sled personnel and roll cage equipped with seat beat.
- 5) Each driver must furnish a twisted clevis or hitching device with 3" x 3 3/4" inches inside diameter or larger and it must be bolted tightly or welded to drawbar. If tractor hitch breaks, measurement will be taken from that point. No excessive jerking when starting sled or during the pull.
- 6) Drawbars must be stationary in all directions.
- 7) Weights must not interfere with the sled or chain.
- 8) Weights include driver, with no 1% except on reweigh.
- 9) All tractors with turbo and no muffler must have two 3/8 inch bolt in exhaust as close to elbow as possible at 90 degree angles and no further than two inches apart except field stock tractors.
- 10) Puller may have hook 6 inches in front of pulling vehicle to pull vehicle off track, but not mandatory.
- 11) All exposed drive train on Pro-Stock and up tractors will be shielded with 5/16 inch steel or 3/8 inch aluminum fastened every six inches with 3/8 in bolt grade 5 or better or butt seam welded. Any additional manual transmission or gear boxes must be shielded in the same manner or be covered with a current SFI approved scatter blanket, secured as specified by SFI.
- 12) In the event of a tractors only pull:
 - a. 4500 Stock
 - b. 6000 Hot Stock
 - c. 8000 Stock
 - d. 8500 Pro Stock
 - e. 9500 Pro-Field
 - f. 10,000 Hot Stock

- g. 11,000 Farm Stock
 - h. 13,000 Field Stock
 - i. 13,000 & Over
 - j. 6300 Econo-Modified
 - k. Open Tractors
 - 1. 6500 Modified
 - 2. 7500 Super Stocks
 - 3. 9000 Super Farm
 - 4. 8500 Pro-Stock
 - 5. 10,500 Pro-Field
- 13) At combined truck and tractor pulls:
 - a. 6000 Hot Stock
 - b. 9200 Hot Farm
 - c. 9500 Pro-Field
 - d.. Open Tractors
 - 14) All out of gate pulls have to have a winner determined by a pull off.
 - 15) All pullers under the age of 18 need to be certified with the board for approval. Certification will be at playday/before or after a sanctioned pull. A parental consent form must be signed. NO EXCEPTIONS
 - 16) All Hot stock tractors and above must have fender which will support weight of the driver and protect driver from contact with the tires.
 - 17) All Hot stock tractors and above must have a seat to support the weight of the drivers.
 - 18) All Hot stock tractors and above must have a working kill switch.
 - 19) All tractors will be required to have a female plug at the rear of the tractor. If there is no plug, or your plug does not register you will be required to go to the end of the track after your hook and have your RPM's checked manually. If your RPM's are above 3030 you will be disqualified. If you are legal, you will be required to have a plug by the next pull. Magnets will be available from the association. When all tractors are being checked, you will be asked to open the hood and remove the side sheilds so a postive stop can be checked. All Hot stock tractors and above restriction must be readily accessible for tech check.
 - 20) No pulling from 2 or 3 point hooks or any portion thereof.
 - 21) Any tractor having and illegal drawbar or over certified RPM will be disqualified.
 - 22) All Automatic Transmission Equipped Vehicles must have neutral/park safety start switch!
 - 23) 4500lb/5500 lb tractors at trophy pulls only Hook Fee \$25.00

Identification of Pulling Tractors FARM Tractor Classes

- 1) 4,500 lb., Max HP 55 – Max Tires Size 15.5 x 38.
- 2) 6,500 lb., Max HP 70 – Max tire size 16.9 x 38. or 18.4 x 34.
- 3) 8,000 lb., Max HP 90 – Max tire size 16.9 x 38 or 18.4 x 34
(Allowed factory turbo 90-95 HP – must be naturally aspirated.) Horse power for above determined by Nebraska Test ratings for make and model of each tractor. Also used is the Nebraska Test Book to determine high-idle RPM's. Test to be checked using a hand tachometer.

6000 Hot Stock Tractors

- 1) Weight of class: 6000lbs-All tractors turbo
 - 3000 RPM with 1% tolerance on re-check
 - No RPM limit on NA tractors
 - NA gasoline tractors may run one(1) 4 – barrel carburetor, no throttle base fuel injection systems and no electronic or manual controlled fuel injection system on any gasoline tractor.
 - 361 cubic inch limit on all turbos
 - 500 cubic inch maximum limit on NA tractors
 - Must run a minimum of 2 bar roll cage
 - Sheet Metal needs to be in the same family
3. Turbo and non-turbo tractors will run in the weight class.
4. All turbo tractors that are above 283 cubic inch will be equipped with a five point harness, roll cage and helmet.
5. Tractor engine can run up to 3000 governed high idle. High idle will be determined by a tachometer using the Nebraska Test book as a guideline for the make, model and serial number for the tractor regardless of the engine.
6. 1% tolerance will be allowed in RPM on re-check. RPM will be checked at the scales on a protest.
- 7) Diesel powered tractors can run any injection pump. Maximum size pump is a P -pump. No computerized injection system allowed.
- 8) Gas tractors may eliminate governors, but must have ignition chip rev limiter. May run down draft carburetors but no predators allowed.
- 9) Water injection allowed.

- 10) Weight must be secured to the tractor. Rear weights must not be more than 3" maximum behind rear tires, Tractor length is not to exceed 13' from center of rear axle to farthest point forward including weights. Maximum of 6" tow- hook not included in 13' length
- 11) All tractors will be equipped with individual workable rear wheel brakes.
- 12) All tractors will have a back-up light, minimum of two(2) inches in diameter, to be activated by the gearshift lever when the tractor is in reverse.
- 13) All cages must be approved by the board of directors.
- 14) 6500 Tractors: Roll cage should be made with Minimum of two(2)bars,Ninety (90) thousands Chrome Moly or hundred and twenty (120) cold steel.
- 15) Contestants are not allowed to add fuel or change tire pressure after crossing over the scales.
- 16) All tractors must have a stabilizer bar.(Wheelie Bars).

9500 Pro-Field Tractors

- 1) 9500 lb. – Max Tire Size 20.8 x 38 or 24.5-.32 – Max Cubic Inch 640". Must have stock appearing motor block. May use A or P pump. May use turbo of choice, with a standard restriction of 2.75" on the air inlet side of turbo.
- 2) If tractor breaks and cannot tack, it will draw hook and show points only.
- 3) Pro Field Tractors limited to one injection pump and one turbo.
- 4) All air passing through turbo must first pass through 2.75 or smaller restrictor.
- 5) If there are five in a class at the pull then no one can move up . If there are not five pullers, then the top three pullers, 9200# Hot Stock Farm, from the previous week may move up.
- 6) Participants can weigh there class weight when pulling with 9200 Hot Stock Farm.

9200 Hot Stock Farm Tractors

- 1) Tractors may run any pump.

- 2) Engine must be of stock configuration and match sheet metal.
- 3) Cubic inch 466 up to (504Case Factory Only)
- 4) Inter coolers are **NOT** allowed.
- 5) Turbo inlet diameter is 2.50 inches. No billet wheel or precise turbo. This can be a restrictor that is no more than 4 inches from compressor wheel and no other air inlets between the restrictor and compressor wheel.
- 6) Maximum Tire size is 20 x 8. 38 or 24 x 5.34
- 7) All General Tractors Rules Apply.
- 8) Out of Field and Farm Stock Tractors can pull with this class weighting 11,000 lbs. Rules.
- 9) Tractor must have at minimum a factory ROPS roll bar and seat belt. If running with anything other than a three bar roll cage, tractor **MUST** have fenders able to support the weight of the driver. Three bar roll cage and five point harness is recommended

11000 Farm Stock Tractors

- 1) Tractor engine can run up to 3000 governed high idle.
- 2) Tractors must be equipped with factory intake manifold and carburetor. (The same as the parts book would show.)
- 3) Tractor has to have factory equipped governor and to be operative. To be checked by (A) visual retarding movement of throttle linkage from governor case to carburetor and (B) audible acceleration when clutch is engaged while holding brakes on with tractor in high gear.
- 4) All weights must be in factory weight rack or bolted to wheels. Front weights and brackets must be in stock location and bolted to rear wheels.
- 5) Tractors have to be stock pump, bore and stroke for make and model.
- 6) Tires must have manufacture size and markings.

Pro-Stock Class

- 1) 8,500 lb. (at promoter's discretion) Max tire size 24.5 x 32. Class limited to one pump, and one turbo. All required safety equipment.

Open Tractor Class

- 1) 6,500 lb. Modified
- 2) 7,500 lb. Super Stock

- 3) 9,000 lb. Super Farm
- 4) 8,500 lb. Pro Stock
- 5) 10,500 lb. Pro-Field (9,500 lb. Pro-Field CAN weigh up). All entries will run with their own class division rules and safety equipment to compete with other in this one OPEN class.

Out of Field Farm Tractors

- 1) 13,000 lb. No HP limit – Any tire size.
- 2) 13,000 lb. and over No HP limit – any tire size. Factory RPM's plus 10% and stock equipment. No cut tires allowed. Class intended for local farm (field) tractors in area towns where pulls are held. However, any tractor meeting all above requirements will be eligible to participate regardless of miles traveled. Any additional weights must be hung from factory weight bracket only.

Super Farm and Up

- 1) All Pro-Stock tractors will be required to have steel plate or steel billet flywheel and components. The flywheel must be made of steel with the following mechanical properties: Tensile strength 60,000 psi, yield strength 40,000 psi. Any magnesium or aluminum flywheel that meets or exceeds former SEMA standards

1 – 1 will be accepted. Positively no gray cast iron allowed.
- 2) All Pro-Stock will be no longer than 13 feet center rear axle to most forward position of tractor including weights.
- 3) Wide front ends required on Pro-stocks.
- 4) No NOS.
- 5) All Pro-Stocks have to have fire shield between motor and driver of .60 metal from side shield and top to bottom, and a side shield of .060.
- 6) All tractors to have fenders which will support weight of driver and protect driver from contact with tires.
- 7) All Pro-stock to have back-up light, minimum 2 inch diameter, to be activated by gearshift lever when in reverse.
- 8) All Pro-Stock tractors will be subject to be checked.
- 9) Pro-Stock tractors must be operated with hood and grill on. Engine must be manufactured design block for the tractor. Exhaust must be pointed up.
- 10) All turbochargers not under the hood must be completely shrouded,

except for inlet and exhaust pipes with steel .060" or thicker under the area of the fiberglass.

- 11) All Pro-Stock drivers must wear DOT or Snell approved helmet while pulling..
- 12) Rear weights cannot interfere with hitching up sled or pulling sled and cannot extend past rear tires and bottom weights to be no closer than 12 inches to top of drawbar.
- 13) All T/A or power directors and flywheels must be shielded with steel shield or approved scatter blanket on all tractors with no RPM limit.
- 14) Tractor must be equipped with some type of kill switch or air shut-off to be attached to the pulling sled.
- 15) Tractor must be equipped with (dead man) throttle, and must come to an idle when hand is released.
- 16) All seats of Pro-Stock tractors will be equipped with side rails at least 4 inches high and support the weight of the driver.
- 17) A 2 ½ lb. fire extinguisher mounted within easy reach of the driver is required on all tractors pulling in the Pro-Stock Classes. A halon fire extinguisher of equivalent size may be used.
- 18) Pro-Stock tractors are required to have flywheel shield 360 degrees around flywheel being 3/8 inch thick or more and no less than 6 inches wide, and no more than 6 inches from housing, or approved scatter blanket.
- 19) Outlaw Truck and Tractor rules apply for Super Farm classification. All tractor classes above have drawbar rule of 20 inch maximum height and 18 inch minimum length.

Sleds

- 1) All sleds must be of a mechanical device with rider on sled when it is in operation. All sleds also must have workable brakes with a red light that comes on when brake is applied.
- 2) All sleds must be a rigid design and stay on the ground to prevent excessive bouncing.
- 3) All weight transfer mechanisms and sleds as a unit must have passed a safety inspection of the competition committee.
- 4) The sled hitch must be a centered single design with a pivot design not to exceed 30 degrees nor less than 10 degrees.
- 5) The length of the hitch on an official sled shall be 36 inches for mini's, 46 inches for truck (plus or minus ½ inch) measured from the point of the hitch rearward to the point the chain attaches to the sled. The sled point

