

PLEASE NOTE HEAVY PROSTOCK, TWD BLOWN TRUCKS AND SUPERFARM CLASSES WILL FOLLOW THE NTPA RULE BOOK!

General Rules

No Curved Stack

KILL SWITCHES

Kill switches must meet NTPA standards. Pulling vehicles must have an automatic ignition kill switch and or shutoff.

Track officials and/or techman have the option to check kill switches at any time, switches must be checked with engine running except that tech officials option to use ohm meters or buzzboxes. If there is any doubt as to whether the device is hooked up properly the engine will be started to check kill switch. All MSD mags must use kill switch approved by NTPA(trailer breakaway switch not allowed).

Kill switch must be mounted independently of drawbar and or wheelie bar.

LOCATION OF KILL SWITCHES

Prostock, superstock, superfarm, pro farm and modified tractors must be located in the rear center of the vehicle (maximum 6" off center in any direction) and 48" above point of hook.

Any TWD and FWD truck must be located in the rear center of the vehicle (maximum 6" off center in any direction) and 24" above point of hook.

TYPES OF KILL SWITCHES MANDATED

Automotive types engines that are spark ignition must use a waterproof, dust proof must use a tether type safety stop switch. On spark ignition engines the kill switch must break or ground the ignition circuit and if the vehicle has an electric fuel pump it must also break current to the fuel pump or pumps.

On diesel engines the kill cable must activate the air shutoff, no electrical operated air shutoffs.

NOTE:

A cable may be used for this purpose but must have a positive type enclosed cable for the air shutoff. The cap must have a spring loaded closing mechanism. System to be deemed acceptable must at least prevent building boost. It is recommended that a gasket or seal arrangement be used to more effectively shut off air flow. Door or rain cap type shutoffs(no butterfly type) will be required on all self ignition engines with a separate control for the driver. Control for the driver must not be the same control as for sled.

Breakaway kill switches must have minimum 2" diameter solid ring with no less than 1/8" cross sectional thickness attached to them. Portion of the kill switches and mounting

brackets must be able to withstand 32lbs of pull per switch when pulled independently or collectively. All single pin breakaway switches must be able to pivot left or right of center.

All vehicles carrying onboard start batteries must have a quick disconnect method. Diesel and fuel injected ignition engines must have fuel shutoff valve control within easy reach of driver. Diesel engines must be equipped with an emergency shutdown air shutoff at the air intake that can be operated at the drivers seat.

TRACK RULES

MTTPA track length will be 30ft wide and 310ft long with restart line at 100ft. Floating finish is up to organizer and sled operator. The 310ft mark is the default finish unless the organizer announces a floating finish before the first vehicle hooks up to the sled.

COMPETITION RULES

The test puller in MTTPA classes must be in the correct vehicle category. Pro Stock tractor class is exempt from this rule until further notice!

No rain caps allowed on pulling vehicles.

If a vehicle is legal when hooked to the sled and breakage occurs while under the green flag the pull will be measured, with the exception of the loss of weights or safety equipment on to the track.

The pulling vehicle must be able to drive onto the track and back up to the sled at the starting line, unhook, and drive off the track under their own power unless breakage occurs. Note: Modified lawn tractors are exempt from this “back up” rule.

In the case of a class restart the competitors that have already competed have the following options: (i) they may re-hook immediately, (ii) drop six positions, (iii) drop to last pull position due to mechanical problems.

Any disqualification on the first attempt bars a second attempt unless the class is restarted.

Competitor must pull at the position drawn within three minutes of the sled returning to the starting line and is ready for the next competitor. Delay will result in a disqualification (Judges Decision). If the track official is notified prior to the competitors time slot of mechanical problems the competitor may drop six positions and is allowed six minutes once they are called to the starting line. A competitor may drop in starting position only once per class. However, if the driver is called to the track for competition after dropping six positions and is still not ready for competition, a disqualification will be automatic. The track official’s decision will be final.

A floating finish line may be used at the discretion of the competition director and the sled operator in a pull-off situation.

The pulling vehicle must remain within the set boundaries of the contest during the pull. If the vehicle touches or crosses the out of bounds lines it will result in immediate disqualification.

If the competing vehicle is found to be over the permitted weight for the class that it is entered in then that competitor will be automatically disqualified from that class.

Once a class has begun there will be no further registration for that class

No people other than the track officials are to be on the track during the pull.

Weight of the pulling vehicle must include the driver.

A tech-man will be present during the event, and may use any testing equipment that is provided to them by the governing association on any competition vehicle at anytime during the season as they see fit.

All decisions by the judges are final.

Contestants will be allowed a total of two attempts including the 100-foot rule to start the sled. If the driver lifts from the from the throttle in an attempt to stop their forward motion before getting to the 100 foot line they will get a second attempt to start the sled.

If no effort is made to back off of the throttle, no second attempt will be awarded.

However, the intent of this rule is not for the driver to apply the brakes before 100 feet or at anytime, but to come to a smooth stop. Track officials will consider jerking the sled by backing out of the throttle grounds for disqualification.

All stock tractor classes will have a floating finish line unless otherwise stated at the drivers meeting at the beginning of the event.

SLED

The chain should be set to the lowest possible position as per each class that is competing
All pulls must start with the chain tight

The sled must be re-adjusted if the competitor fails to reach the 125 foot mark on a regulation outdoor track

The sled pan must be within the set boundaries at the start of the pull.

PULL-OFF'S

During a pull-off the order of the pull will be in the order in which the vehicles competed in the first round and completed a full pull

In a pull-off all competitors shall be required to make an honest attempt to pull the sled.

If he/she fails to do so they will receive the same money and points as the top vehicle that did not qualify for the pull-off unless they are unable to compete due to breakage. Once breakage has been confirmed by a track official that competitor will receive last place points and money according to the amount of vehicles in the pull-off.

If a second pull off occurs then those who have qualified for the second pull-off wish not to compete then points and prize money will be split between those competitors.

No test pull is allowed during a pull-off. The 75-foot rule does not apply during a pull-off

COMPETITORS

For all tractor classes the driver must be at least 14 years of age and hold a valid tractor license. If the driver is over the age of 14 but under the age of 19 the driver must have written consent from parents or guardians. For all truck classes the driver must be at least 16 years of age and hold a valid drivers license. If the driver is over the age of 16 but under the age of 19 the driver must have written consent from parents or guardians.

Only one driver may drive the same tractor in the same class.

The driver must not leave the controls or the seat of the tractor during competition

All classes except stock tractor and pro farm tractor must have an onboard fire extinguisher within the drivers reach when sitting in the drivers seat.

All classes except stock tractor and pro farm tractor the drivers must have an SFI approved fire suit. All classes except stock tractor the driver must wear a helmet. Drivers must wear S.F.I. approved neck brace with the exception of stock, pro farm tractors and semi trucks. It has been strongly recommended that proper footwear be worn.

GROUND(S) for DISQUALIFICATION

A pulling vehicle losing a weight(s) while under the green flag will automatically be disqualified.

If the pulling vehicle touches or crosses the out of bounds line it will result in immediate disqualification.

No individual other than the driver may ride on the tractor, or in the cab of the tractor is returning to the pit area following the pull. If individuals do so it may result in a disqualification. (Judges Discretion).

The tech-man has the right to ask any competitor to remove the side shields from the tractor for inspection of the engine. Anyone who fails to comply will be disqualified.

Intoxication will result in immediate disqualification.

Techman and track officials have the right to suspend any entry.

Illegal fuels: Nitro methane, nitrous oxide, or other oxygen carrying or combustion accelerators. All ether cans must be removed from the tractor during pulling competition.

Anyone found to be weighing more than the specified class limit after being weighed in will be disqualified.

POINTS SYSTEM

All MTTPA points will be amalgamated regardless of how many hooks were made at each event. Except in the stock classes where the points will be calculated for each class.

All points may be stripped from a competitor at any point in the season up to, and including that competition date if severe grounds for disqualification are found. NOTE: (event judges and executive committee decision)

WEIGHT CLASSES

Light Pro Stock	7500 lbs
Heavy Pro Stock	10000 lbs
Super Farm	9300 lbs
Modified Tractor	7000 lbs
Modified Truck	6200 lbs
Super Stock Truck	6200 lbs
Blown Truck	6200 lbs
Lawn Tractor	1200 lbs
Stock Tractor	5000, 6000, 8000, 10000, 12000, 14000, 16000, 18000 lbs
Pro Farm	7500, 10500 lbs

NOTE: All class weights include the driver and all safety equipment that is necessary for the class that is being entered.

DRAWBAR HEIGHTS

Light Pro Stock	20 inches
Heavy Pro Stock	20 inches
Super Farm	20 inches
Modified Tractor	20 inches
Modified Truck	30 inches
Super Stock Truck	26 inches
Blown Truck	30 inches
Lawn Tractor	13 inches
Stock Tractor	20 inches
Pro Farm	20 inches
Econo Mod Tractor	20 inches

NOTE: All measurements are to be taken at the top of the drawbar, and as close to centre as possible.

Stock Tractors

No Curved Stack

Stock tractors will be allowed to dyno each vehicle twice per event.

It will be mandatory for the top three tractors to dyno out in each class

No computerized tractors allowed!

TIRES

Competition will be open to tractors with rubber tires. No dual tires, tire studs or chains are permitted, and tires must be rotated in the correct direction.

A tire size limit of 18.4 x 38 inches may be put on tractors up to and including 8000 pounds. The maximum tire size for classes of 10,000 pounds and up will be 20.8 x 42 inches.

DRAWBAR

The drawbar is to be a minimum of two square inches in total material (steel) at any point, and must be rigid in all directions. This will include the area of the pin with the hitching device not more than 1 ½ square (1 ½ inch round stock), or less than 1 inch square (1 1/8 inch round stock) and a 3"X3 3/4"-inch diameter hole. Minimum length of the drawbar is to be 18 inches from the center of the rear axle to the point of hitch point.

WEIGHTS

All weights must be stationary and non –moveable. All weights must be safely secured to the tractor (no bungee cords allowed) and must not extend rearward past the rear tires.

Threaded rod for weights on rear wheels must not extend more than 4 inches beyond last weight (including the axle).

PTO & BRAKES

All tractors must be equipped with working rear wheel brakes and PTO.

SAFETY

All tractors must have a strong rigid seat; all tip up seats must be securely fastened during competition.

2. ALL stock tractors must have stabilizer bars. The materials used to construct the bars will be left up to the owner/operator. However, the bars must meet NTPA stipulations and standards.

(a) The stabilizer bar must extend a minimum of 32 inches from the center of the rear axle to the back of the tractor. Pad must not be more than 10 inches off of the ground at the 32 inch point and to be measured during hitch check before competition.

(b) The stabilizer pad must be a minimum of 5 inches square (no wheels allowed) with a minimum of 20 inches allowed from the outside of one pad to the other.

(c) Stabilizer bar and bar assembly is not to be mounted to the drawbar and drawbar assembly. NOTE: The stabilizer bar must be able to support the weight of the tractor in the heaviest class pulled. No crossbars between the stabilizer bars allowed past the point of hitch.

ENGINES & FUEL

Illegal fuels: Nitro methane, nitrous oxide, or other oxygen carrying or combustion accelerators. All ether cans must be removed from the tractor during pulling competition.

2. All tractors pulling in stock tractor classes can be subject to a dyno test at any time. At which time the track officials will have the option of taking over operation of your tractor for the duration of the test. There will be a 15% tolerance above the tractors Nebraska Test rated horsepower. Please note this tolerance is meant to allow for changes in air temp and possible discrepancies in dyno's. If you are tested and you go over your 15% tolerance you will be disqualified. No exceptions.

3. There is an exception to this rule in the larger classes thus the horsepower allowances for each class are as follows: 5000lbs-50.9 horsepower rating allowed

6000lbs-60.9 horsepower rating allowed

8000lbs-80.9 horsepower rating allowed

10000lbs-100.9 horsepower rating allowed

12000lbs-120.9 horsepower rating allowed

Exceptions:

14000lbs-150.9 horsepower rating allowed

16000lbs- 181.5 horsepower rating allowed

18000lbs- 181.5 horsepower rating allowed

Stock tractors must maintain stock OEM agricultural parts. Ex engines, turbo, fuel pumps and exhaust manifolds etc must have been available on the make and model # displayed on the tractor.

CHASSIS

No braces or supports to extend more than 13 feet from the center of the rear axle. Original wheel base must be maintained from factory.

Modified Tractors

TIRES

Tire size: 30.5 x 32 with a maximum of 210-inch circumference when inflated to 19 PSI. The tread width is not to exceed 32 inches.

DRAWBARS

Drawbar to be a minimum of two square inches in total material (steel) at any point. The drawbar must be rigid in all directions. This will include the area of the pin with the hitching device no more than 1 ½ inches square (1 ½ inch round stock), nor less than 1-inch square (1 ½ inch round stock) and a 3"x3 3/4"inch diameter hole. Minimum length of the drawbar is to be 18 inches from the center of the rear axle to the hitch.

WEIGHTS

All weights must be stationary and non-moveable during the pull. All weights must be safely secured to the tractor (bungee cords are not allowed) and must not extend rearward past the rear tires.

CHASSIS

No portion of the tractor may exceed 14 feet forward of the center of the rear wheel.

ENGINES

The following engine combinations are permitted: (i) Two naturally aspirated cast or aluminum big block automotive engine, (ii) One blown automotive engine being cast or aluminum, (iii) Three naturally aspirated small block automotive engines being 400 cubic inches or less.

Tractor may have any combination of engine, transmission, and final drive.

DRIVESHAFTS

No drive shaft over 48 inches allowed, and no input of output shaft that is attached to the drive shaft may extend more than 4 inches beyond the bearing.

Minimum of 1 inch in material bolt at the end of drive shaft shield. A minimum of 1-inch material to be in a pilot holder at each end of the drive shaft shield.

SAFETY & SHIELDING

Steel shield 3/8 inch in thickness and at least 6 inches wide or certified blanket must be affixed to the chassis around the clutch.

All modified tractors must be equipped with a roll cage and 5-point safety harness.

A fire extinguisher must be within reach of the driver when sitting in the drivers' seat.

4. ALL modified tractors must have stabilizer bars. The materials used to construct the bars will be left up to the owner/operator. However, the bars must meet NTPA stipulations and standards.

(a) The stabilizer bar must extend a minimum of 32 inches behind a line drawn from the center of the wheel to the back of the tractor. Pad must not be more than 10

inches off of the ground at 32 inch point and to be measured during hitch check before competition.

(b) The stabilizer pad must be a minimum of 5 inches square (no wheels allowed) with a minimum of 20 inches allowed from the outside of one pad to the other.

(c) Stabilizer bar and bar assembly is not to be mounted to the drawbar and drawbar assembly. NOTE: The stabilizer bar must be able to support the weight of the tractor in the heaviest class pulled. No crossbars between the stabilizer bars allowed past the point of hitch.

5. Engine shielding must extend the complete length of the block casting and be securely fastened. Shielding is to be made of 0.060 inch thick aluminum or steel. Shields must be solid, engine mounts, filters, steering rods etc., may not serve as part of the shield. Solid frame rails may serve as part of the shielding with no holes provided that it covers the required area of the block castings.

Modified Two Wheel Drive Trucks

CHASSIS

The maximum length of the vehicle is not more than 15 ft from the center of the rear axle to the forward most position of the vehicle including weight racks.

The 15 ft from center of rear axle rule will apply to a TWD truck with the exception of a 10-inch over length allowance for cosmetic fiberglass only. No steel structure, reinforcement, or steel bumpers allowed past 15 feet. Tow hooks to be consistent with the 15 ft rule.

Any wheelbase is allowed as long as the 15 ft rule is maintained.

The front wheel and axle to remain in the visual center of the front wheel well. Maintain a minimum of 2 inches of complete original wheel well opening forward of front wheel.

Must be able to see forward most part and rearward most part of tire from a side view.

Maximum width of the vehicle cannot exceed 8 ft. Hitch hole to be 3x3 3/4" in diameter.

Chassis may be a truck frame or fabricated frame like modified tractors.

Any vehicle in this division must have vertical bumpers at the rear most point of the vehicle. Bottom of the bumper to be a minimum of 24 inches from the ground, and the bumper is to extend a minimum of 8 inches vertically. The bumpers must be rigid.

Tubular steel frame is allowed.

The vehicle must be equipped with a tow hitch in front of the vehicle.

TIRES

Must run a minimum of 14-inch front rims with an automotive or front tractor tire.

The rear tire diameter shall not exceed a 143-inch circumference when mounted on an 8-inch rim and inflated to 28 PSI. The ground patch is not to exceed 19 inches based on original tread

WEIGHTS

Weights are not to extend forward of maximum length stated in rule 2 of the chassis section, or rearward more than 12 inches from hitch point and must not interfere with hitching and unhitching of the vehicle.

BODY

Any factory production body truck, car or van is allowed including passenger type bodies.

Funny car type bodies and or fiberglass bodies must have an escape hatch, or door in the top of back or the body only if the vehicle is not naturally aspirated. If the vehicle is of the blown type, the escape hatch also does not need to be present if the driver is wearing a 3-layer fire suit.

Vehicle must have hood, grille and fenders in place as intended by the manufacturer.

Vehicle body style must be or have been available from a dealer as a mass produced vehicle.

Fiberglass hood scoops, spoilers, fender flares are allowed. Stock appearing pickup truck and van fiberglass bodies and body parts are allowed.

Driver must be in original driver compartment.

Side doors must be mounted and closed if vehicle was manufactured with doors.

Vehicle doors must have a single latch design allowing the door to be opened from both the inside and outside.

Flip top body style vehicles that do not have two working doors must have the door glass lowered or removed while under the green flag.

Vehicles with less than stock size window openings must have an escape hatch with a minimum size of 17 x 18 inches, or large enough for the driver to exit. Note: The escape hatch will not be counted as a working door.

All TWD vehicles must have a presentable front windshield of glass, Plexiglas, or lexan. Factory tinted glass accepted only.

Hood line variance; original hood line may be modified to accommodate speed equipment.

Vehicle must have a bed floor or box cover.

Vehicle may compete without a tailgate or rear door for greater hook visibility.

The vehicle must have a complete firewall with no holes except for controls. The holes for the controls must not exceed more than a ½ larger than the controls.

Flip top bodies must have a safety lock to hold up the body

ENGINES & DRIVELINES

Engine to clutch to transmission to be constructed like modified tractors.

Torque converters, automatic shifters, etc. are permitted.

No electronic, pneumatic, or hydraulic systems that can affect the clutch system are allowed. All staged or variable released clutches of any description are prohibited. (This does not include the slave cylinder for the clutch pedal).

Superchargers will be permitted in the Super Modified Two Wheel Drive class only.

Engine limitation for cubic inches is 600.

The engine must be mounted in a stock location, which is defined as being within the engine compartment as manufactured, behind the stock grille, and in front of the stock firewall.

Vehicle may run without a radiator, and engine maybe be moved forward, but it must stay behind the grille.

Except for high performance type starters with crank shaft drive, rear of engine block may not be moved forward of the center line of the front axle.

Engines are only allowed to run a maximum of 2 valves per cylinder head and one spark plug per cylinder.

Fuel injection, carburetors, and headers may protrude through the hood.

Vehicle must have vertical exiting exhaust. The height of the pipe must be a minimum of 1 foot above the hood with a 10-degree variance in any direction.

REARENDS (non planetary type rearends)

If a planetary rear end is not used, transmission to final drive must be like 4WD trucks.

Vehicle must have (3) round metal loops of shielding on each drive shaft. (Two-piece drive shafts must have (6) metal loops).

The loops for the drive shaft shielding must be a minimum of 3/8 of inch aluminum or 5/16-inch steel, 3/4 of an inch wide or wider and not more than 2 inches from the drive shaft in any direction.

The end loops are to be placed no further than 6 inches from the universal joints, with the third loop in the center of the shaft.

Drive shaft between the engine and the transmission must have solid shielding of a minimum of 3/8-inch aluminum or 5/16 inch steel.

Vehicle must have 360 degree metal shielding around the universal joints, 3/8-inch aluminum or 5/16-inch steel and must be a minimum of 6 inches wide.

Axle and hub bolt shielding is required except where planetary final drives are used. The shield must be at least 0.06 inches thick, (ii) minimum diameter of axle end or hub bolts to be covered on front and rear axles, (iii) mounting shield may not be mounted to the axle end or hub bolts. (iv) A hole may be installed in the center of the shielding so a lock can be operated, so long as hub and axle bolts are covered.

No counter balancers are permitted in the driveline.

REARENDS (planetary type rearend)

If planetary rear end is used transmission to final drive must use modified tractor shielding.

2. All remaining drive transmissions excluding manual transmissions must be enclosed in 5/16 steel or 3/8 aluminum round stock, and the inside diameter must not exceed the outside diameter of the largest universal joint, fastened to ever 6 inches or closer with 3/8 or larger bolts (grade #5), or butt and seam welded, and securely mounted to the vehicles frame. Applies to all vehicles with an exposed drive shaft. No more than 1/4 of the driveline shall be visible with the driveline shield in place.

Note: If U-joints are used in any drive shaft application, the shielding must be 5/16-inch steel or 3/8 inch aluminum with a 1/8 inch steel insert. The insert must be a minimum of 6 inches wide.

All TWD vehicles engine/automatic transmission combination must have 2 front engine mounts, 2 rear engine mounts, and a support saddle for the rear of the transmission with a 1/2 inch of maximum clearance.

TWD vehicles with drive shafts 60 inches or longer must have a minimum 2-inch nylon strap in the middle of the span to secure the drive shaft to the frame

SAFETY & SHIELDING

Vehicle to conform to provisions of modified tractor shielding.

An area of 5 inches wide and 12 inches high immediately above and below the drawbar must be free from all obstructions.

Flip top or funny car type vehicle must have the body in the lowered position before the vehicle can be moved under its own power.

If the vehicle is not naturally aspirated (blown, supercharged) and does not have 2 working doors, an onboard halon fire system with a minimum of 3 nozzles located within the drivers/engine compartment is required. However if the competing vehicle is of the open cockpit design then this onboard system is not required.

The body may be raised to start the engine and may stay in the raised position while the engine is running as long as the vehicle is not in motion.

A fire extinguisher must be within reach of the driver when sitting in the driver's seat.

Steel shield $\frac{3}{8}$ inch in thickness and at least 6 inches wide or certified blanket must be affixed to the chassis around the clutch.

Modified Four Wheel Drive Trucks

BODY

Vehicle must have the hood, grill and fenders in place as intended by the manufacturer. Vehicle body style must be or have been available from a dealer as a mass-produced body style.

Fiberglass hood scoops, spoilers, and fender flares are allowed. Allowed to use stock appearing pick-up truck and van fiberglass bodies and body parts.

The driver must remain in the original driver compartment.

Side doors must be mounted and closed if the vehicle was manufactured with doors.

Vehicle doors must have a single latch design allowing the door to be opened from both the inside and out.

Flip top body type vehicles and vehicles that do not have two working doors must have door glass.

Vehicles with less than stock size window openings must have an escape hatch with a minimum size of 17 x 18 inches, or large enough for the driver to exit. Note: The escape hatch will not be counted as a working door.

All 4WD vehicles must have a presentable front windshield of glass, Plexiglas, or lexan.

Factory tinted glass accepted only.

The original hood line will be allowed to accommodate speed equipment.

The vehicle must have a bed floor or bed cover.

The vehicle may compete without a tailgate or rear door for greater hook point visibility. An area of 5 inches by 12 inches immediately above and below the drawbar must be free of all obstructions.

The vehicle must have a complete firewall with no holes except for controls. The holes that are cut for controls must not exceed more than ½ inch larger than the control itself.

Flip top bodies must have a safety lock to hold up the body.

CHASSIS

Vehicle in this division must have a vertical bumper at the rearmost point of the vehicle on both the left and right hand side of the vehicle. The bottom of the bumper to be a minimum of 24 inches from the ground, and is to extend a minimum of 8 inches vertically.

The frame may be different than the make/model of the body.

Must be main supporting member of the chassis.

Tubular steel frame is allowed.

Center of the wheel cannot exceed plus or minus 6 inches of fender wells for wheelbase being used. The maximum wheelbase that can be used is 133 inches.

The wheel must be in the center of the wheel well as above and the body may be stretched in the middle to accommodate.

The outside edge of the narrow axle must overlap the centerline of the tire on the wide axle by at least one inch.

Hitch hole to be 3x3 3/4" in diameter.

SAFETY & SHIELDING

The vehicle must have three metal loops on each of the drive shafts. (Two-piece drive shafts must have 6 loops).

The 360-degree loop must be a minimum of 3/8-inch aluminum or 5/16 inch steel. It must also be 3/4 of an inch in width or wider and no more than 2 inches from the shaft in any direction

The end loops must be placed no further than 6 inches from the universal joints, with the third loop in the center of the shaft. Note: A solid tube may be used as long as it meets the above requirements.

The drive shaft between the engine and the transmission must have solid shielding of a minimum of 3/8-inch aluminum or 5/16 inch steel.

The vehicle must have 360 degree shielding around the universal joints, 3/8-inch aluminum or 5/16-inch steel and with a minimum width of 6 inches.

If the vehicle does not have working doors it must carry an onboard halon fire system with a minimum of three nozzles located within the driver's compartment.

Flip top or funny car style bodies must have the body in the lowered position before the vehicle can be moved under its own power.

The body may be raised to start the engine and may stay raised while the engine is running as long as the vehicle is not in motion.

No radiator, heat exchanger, or water hoses are allowed inside of the driver's compartment.

If there is a battery inside of the cab it must be safely enclosed and securely fastened.

If the fuel tank is behind the driver a fire barrier is required from the firewall to the rear of the drivers' seat (0.06-inch aluminum or steel).

The vehicle must use wheels no more than 6 inches off of the ground, within 6 inches of the forward most point of the vehicle. The wheels must have a diameter of 6 inches and must be 2 inches in width and 3 feet apart. These front wheels must be able to support the full weight of the vehicle.

A fire extinguisher must be within reach of the driver when sitting in the drivers' seat. Axle and hub bolt shielding required except where planetary final drives are used. The shielding must be a minimum of 0.06 inches thick and must cover the diameter of the axle end on both the front and rear axles. However a hole may be cut in the center of the shielding so that a lock may be operated, so long as the hub and or axle bolts are covered. Steel bell housings must be used on standard shift transmissions, not cast bell housing. Steel shield 3/8 inch in thickness and at least 6 inches wide or certified blanket must be affixed to the chassis around the clutch.

Automatic transmissions must use a scatter blanket that covers the transmission 360 degrees.

No counter balancers are permitted on the driveline

ENGINE

The vehicle is limited to a single automotive type engine with a maximum of eight cylinders. Note: Diesel engines are not permitted.

The engine must be naturally aspirated.

Accepted fuels: gasoline and alcohol.

Engine size is limited to 650 cubic inches.

Engine must be in the stock location, which is defines as being within the engine compartment as manufactured, behind the stock grill, and in front of the stock firewall
The vehicle may run without a radiator, and the engine may be moved forward or back as long as it maintains rule number five in the engine section.

Except for high performance type starters with crankshaft drive, the rear of the engine block may not be moved forward of the center line of the front axle.

Engines are only allowed to run a maximum of 2 valves per cylinder head and one spark plug per cylinder.

Fuel injection, carburetors, and headers may protrude through the hood.

The vehicle must have vertical exiting exhaust with the pipe being a minimum of one foot above the hood line, and may only have a 10-degree variance in any direction.

WEIGHTS

The weights must be securely fastened to the vehicle and must not extend no further than 60 inches from the centerline of the front wheel.

TIRES

The maximum tire size is to be a 112-inch circumference when inflated to 30 PSI with original bar not to exceed 17 inches before cutting.

Super Stock 2WD Truck

ENGINES

408 Cubic Inch Maximum engine size

Stroking and destroking of engines is permitted.

Only cast iron blocks and cylinder heads are permitted. Aftermarket blocks and cylinder heads are allowed, as long as they are of cast type.

Aluminum cylinder heads are not permitted.

A single carburetor is permitted, or fuel injection if factory equipped for that year truck and block.

The engine must be naturally aspirated.

Open headers are permitted and must exit either in a vertical fashion (within 10 degrees of vertical) or down and back exiting towards the rear of the vehicle.

Any intake, ignition, cam, piston, or dome will be permitted.

Engine must be same brand as truck.

Nitrous oxide and its equipment or any other oxygen carrying fuel additives is not permitted.

Alcohol is not legal fuel for this class.

CLUTCH and TRANSMISSION

Any clutch or torque converter may be used.

Aftermarket clutches and torque converters are permitted.

Any automotive transmission and transfer case may be used.

Quick change transmissions and transfer cases are not permitted.

REARENDS

Any stock automotive type rear end may be used and does not have to match manufacturer of vehicle competing.

Quick change rear ends are not permitted. If the competitor is using a ruxle style rear end, they must not be able to change speeds from within the driving compartment.
Planetary rear ends are not permitted.

BODIES and CHASSIS

There shall be no hood alterations except to allow clearance for fuel and exhaust.
Any body style including mini trucks (ie ranger, Dakota, and S-10, S-15) will be permitted.

Open style fiberglass T-Bucket bodies will be permitted. (NOTE: a seatbelt or 4 point harness must be worn)

Fiberglass replacement body parts will be permitted.

Vehicle must maintain stock wheelbase according to the manufacturer.

Car bodies are not permitted.

TIRES

Maximum tire size is 15.5 x 36 inches.

“V” tread type tire is not permitted.

Cutting and grooving tires are not permitted.

Maximum rim size is 16.5 inches

Good Year Terra tires and DOT approved tires are permitted.

SHIELDING

Fan and water pump must be shielded; however electric fans and water pumps do not have to be shielded.

All harmonic balancers must be shielded.

Steel inner fenders and/or engine side shields must be present and must extend to the top of piston travel.

All U-Joints must be shielded 360 degrees with ¼ inch steel and must be a minimum of 6 inches in length

All drive shafts must have 3 loops of 36 degree ¼ inch steel, and must be a minimum of 1 inch in width.

Scatter shields must be 360 degrees; thus fully surrounding the clutch and flywheel.

DRAWBAR

The point of hitch to the center of the rear axle shall be no less than 36% of the wheel base.

The drawbar cannot incline more than 2 inches per foot of drawbar length.

Drawbar must be rigid in all directions and must not be able to move during competition.

Hitch hole to be 3x3 ¾" in diameter.

BRAKES

Two wheel drive trucks must have working rear brakes.

Four wheel drive trucks must have working front brakes.

Individual cutting brakes are not permitted.

WEIGHTS

Weights on the front of the truck cannot exceed more than 60 inches from the centre of the front axle.

Weights cannot extend past the point of hitch at the rear of the vehicle.

SAFETY

Kill switch is mandatory and must meet NTPA rules.

Back up lights are mandatory.

Neutral safety switch is mandatory.

Fire extinguisher must be within the reach of the driver when sitting in the drivers seat.

All fuel tanks/cells must be outside of the driving compartment.

All batteries must be outside of the driving compartment.

All two wheel drive trucks must have wheelie bars (2) located at the rearmost part of the vehicle.

Modified Lawn Tractors

SAFETY & SHIELDING

Two wheelie bars are mandatory on located at the rearmost point of the vehicle.

Kill switches and/or air shut off valves is mandatory.

All tractors must have working brakes.

Vehicles must be run in a responsible manor, failing to do so may result in a disqualification.

Kill switches must be within 12 inches above the drawbar and within 1 inch of center according to the width of the tractor.

A tether line must be attached between the driver and the shut off switch while the vehicle is under operation.

All lawn tractor seats are to be rigid and must be able to prevent the driver from rolling off of the tractor backwards.

A ring kill switch at the back of the lawn tractor and no coiled string.

ENGINES

Engines must not exceed 4 cylinders or 1200 cc.

Engines must not be automotive, marine or airplane.

Engine must be mounted in front of the driver.

No bottled gas or turbo chargers are permitted on gas engines. However if a diesel engine is being used a single turbo is permitted.

The use of nitrous oxide and any associated equipment is not permitted.(ie. lines, nozzles)

BODIES

Fenders and bonnets are mandatory. Snowmobile bonnets are not permitted.

CHASSIS

Front ends must be rigid – snowmobile front suspensions are not allowed.

Four wheel drive ATV's are not permitted to compete in this class.

Total tractor dimensions will not exceed a total of 4 feet in width or 8 feet in length, with the exception of wheelie bars.

TIRES

Dual tires, tire studs, and chains are not permitted in competition.

WEIGHTS

All weights must be safely secured to the tractor. Any weight or part of the tractor that falls off during competition under the green flag will result in disqualification.

DRAWBAR

1. The drawbar must be rigid in all directions and must not exceed 13 inches to the top of the plate. If the drawbar is not rigid the tractor will be refused for competition.

2. Lawn Tractors to have a hitch hole of 2" diameter and ½" plate with a minimum ½" throat.

Pro Farm Tractors

Tractors in Profarm will not be allowed to pull in any other class types. (Ex. stock, superfarm, prostock)

All Competitors in the two Profarm classes must wear helmets!

ENGINES

1. 7,500 LBS- 410 CID
10,500 LBS- 510 CID
2. ENGINES, HEADS,& MANIFOLDS must be OEM for that brand.
3. May add a turbo to a tractor that does not have one from OEM. Must remain under hood and behind sideshields. May have one turbo as specified in rule nine.
4. NO!!! Water injection or cooling of TURBOS or manifolds.
5. No intercoolers allowed.
6. All exhaust must exit straight up and 10 degrees of plum.
7. Exhaust pipe must have 2-3/8 inch bolts crossed in an x pattern within 1 inch of each other and within 3inches of the TURBO exhaust exit point.
8. TURBO RESTRICTIONS: Turbo must have a 3 inch I.D. pipe with a 3 inch minimum length before and after the turbo no more than 3 inches from the face of the wheel. All inlet and exhaust air must flow through this RESTRICTION. MAXIMUM inlet and outlet on turbo also to be 3inch maximum I.D.
The maximum allowed size pump for diesel injection is a P-pump (no after market housing or parts allowed) Only one plunger per cylinder allowed.
9. WHEN A PRO FARM VECHICAL IS HOOKED TO THE DRAG RPM WILL BE 3500 MAXIMUM.

FUELS & FUEL SYSTEMS

1. FUELS allowed are Gas and DIESEL
2. NO!!! OXYGEN carrying agents: examples, ether, propane, NITROUS OXIDE.
3. No computerized or electronic controlled fuel systems.
4. Inline electric fuel pump will be allowed.
5. No rev limiters or on board monitoring systems.

SHEET METAL

1. Tractors in this class must be as manufactured. Witch means all sheet metal and fenders if so equipped.

DRIVETRAIN

Two Wheel Drive only.

NO slipper type clutch of any design allowed

WEIGHTS

Weight brackets, Drawer bars, Wheelie bars, & drawbar height rules will be the same as STOCK TRACTORS.

CHASSIS

Must have wide front ends EXCEPT in 7500LB.class.

SAFETY

Strongly Recommended to have safety tie bars.

Dead man throttle strongly recommended.

KILL switches on gas and air shut offs on diesels are mandatory.

3/8 inch thick by 6 inch wide band of steel or transmission type blanket is mandatory.

Engine side shields of .060 thick minimum of either steel or aluminum are mandatory.

The driver is to be seated and hands on controls at all times.

Helmets are mandatory. Must be D.O.T. approved.

Hitch hole to be 3"x3 3/4" in diameter.

TIRES

1. Maximum Tire sizes

7500 LBS. 18.4X38

10500LBS. 20.8X38

Rear wheels are to be steel only NO aluminum

SEMI TRUCK RULES

1. TWIN-SCREW DIESEL SEMI TRACTOR WITH PRODUCTION COMMERCIAL ENGINES, MANUAL TRANSMISSIONS AND REAR ENDS ONLY. (MUST BE OVER THE ROAD TYPE).

2. HITCH HEIGHT TO BE 18", MINIMUM OF A 3" OPENING.

3. TIRES MAXIMUM SIZE 11-24.5 OR 1100-22", NOT TO BE CUT. NO MODIFIED TIRES.

4. ALL REAR AXLES SHALL BE CHAINED OR FASTENED TO PROHIBIT HITCH HEIGHT RISE.

5. 20,000 LB. MAXIMUM WEIGHT. ADDED WEIGHT CANNOT EXTEND BACK MORE THAN 50" FROM CENTER OF REAR AXLE. WEIGHT OR HITCH NOT TO INTERFERE WITH SLED HOOK-UP. NO MOVEABLE WEIGHTS.

6. ALL TRUCKS TO BE INSPECTED BY SAFETY OR TECH COMMITTEE.
FIFTH WHEEL

7. THE FIFTH WHEEL MAY BE MOVED FORWARD OF THE CENTER OF THE TRUNION NO MORE THAN 24" IT MAY MOVE TO THE FURTHEST AVAILABLE POSITION. FIFTH WHEELS MAY BE WELDED AND NON-MOVABLE.

TIRES

8. ALL TIRES MUST BE ROAD USE APPROVED TIRES. DUAL WHEEL AND DUAL TIRES MUST BE USED ON THE REAR AXLES. NO FLOTATION, BAR OR SINGLE TIRES PERMITTED ON THE REAR AXLES. NO CHAINS OR CABLES PERMITTED. NO CUTTING OF TIRES PERMITTED, MAXIMUM TIRE SIZE LIMITED TO 11.24.5 (22" WHEEL RIM).

VEHICLE

9. IF ORIGINAL VEHICLE HAS DOORS, THERE MUST BE ONE AND CLOSED.

10. TRUCK MUST RUN WITH HOOD AND FENDERS ON.

11. BODY MODIFICATIONS MAY BE MADE TO THE TRUCK AS LONG AS THEY MEET SAFETY & TECH REGULATIONS AND ARE PRESENTABLE. ANY UNSAFE-APPEARING VEHICLE CAN BE RE-INSPECTED BY TECHNICAL COMMITTEE AND BE DISQUALIFIED FROM COMPETITION UNLESS UNSAFE CONDITION IS CORRECTED. IF UNSAFE CONDITION IS CORRECTED, VEHICLE MUST BE RE-INSPECTED BEFORE COMPETING.

12. ALL VEHICLES MUST HAVE A SUITABLE FIREWALL BETWEEN ENGINE AND THE DRIVER. IF SUITABLE FIREWALL IS NOT IN PLACE, TECHNICAL COMMITTEE WILL DETERMINE WHETHER VEHICLE CAN COMPETE. IF VEHICLE IS PERMITTED TO COMPETE, DRIVER MUST WEAR COMPLETE N.H.R.A. APPROVED FIRE SUIT, INCLUDING HELMET AND BOOTS, DURING COMPETITION.

13. ALL BATTERIES MUST BE MOUNTED OUTSIDE THE CAB AND BE SECURED.

14. ALL VEHICLES MUST HAVE WORKABLE BRAKES.

15. EXHAUST MUST DISCHARGE UPWARD ON ALL VEHICLES.

16. FIRE EXTINGUISHERS ARE REQUIRED AND MUST BE OPERABLE. FIRE EXTINGUISHER MUST BE WITHIN EASY REACH OF DRIVER.

17. ALL VEHICLES MUST BE IN NEUTRAL WHILE BEING HITCHED OR UNHITCHED. DRIVER'S HANDS MUST BE OFF STEERING WHEEL AND GEAR SHIFTER AND VISIBLE TO TRACK CREW.

18. VEHICLES MUST BE OPERATED IN A SAFE MANNER AT ALL TIMES. DRIVER MUST HAVE COMPLETE CONTROL OF VEHICLE AT ALL TIMES.

19. NO FOREIGN MATERIALS MAY BE INTENTIONALLY SPREAD OR SPILLED ON THE TRACK BY THE VEHICLE COMPETING.
20. ALL PULLS WILL START WITH A TIGHT CHAIN; NO JERKING OF CHAIN OR SLED WILL BE PERMITTED.
21. DRIVERS MUST REMAIN SEATED DURING THE PULL AND REMAIN IN THE CAB OF VEHICLE UNTIL TRACK OFFICIALS PERMITS DRIVER TO LEAVE CAB. (UNLESS IN FIRE EMERGENCY).
22. OBVIOUS USE OF INTOXICANTS OR STIMULANTS WILL BE CAUSE FOR DISQUALIFICATION OF DRIVER & VEHICLE.
23. VEHICLE CREW MEMBERS WILL ABIDE BY THE SAME RULES AS THE DRIVER AND ARE SUBJECT TO THE SAME DISCIPLINES. CREW MEMBERS WILL PERFORM THEIR DUTIES IN A SAFE AND ORDERLY MANNER AT ALL TIMES. CREW MEMBERS WILL NOT APPROACH VEHICLE DURING OR AFTER PULL UNLESS PERMITTED BY TRACK OFFICIALS. IN THE EVENT OF AN EMERGENCY, CREW MEMBERS WILL NOT INTERFERE WITH THE TRACK OFFICIALS IN THE PERFORMANCE OF THEIR DUTIES.
24. NON-CREW MEMBERS MUST REMAIN AWAY FROM THE TRACK AND VEHICLE DURING AND AFTER COMPETITION, OR DURING AN EMERGENCY.
25. DRIVER MUST BE QUALIFIED TO DRIVE AND MUST DEMONSTRATE ABILITY TO HANDLE VEHICLE TO TECHNICAL COMMITTEE. NO DRIVERS UNDER THE AGE OF 16 WILL BE PERMITTED TO COMPETE.

WEIGHTS or ADDED BALLAST

26. WEIGHT CANNOT EXTEND MORE THAN 50" FROM THE CENTER OF THE REAR AXLE (WEIGHT INCLUDED) BACKWARD.
27. WEIGHT CANNOT EXTEND MORE THAN 24" FROM THE FURTHEST POINT FORWARD (BUMPER, GRILLE IF NO BUMPER).
28. WEIGHT MUST BE SECURELY MOUNTED. ANY WEIGHT THAT HITS THE TRACK DURING COMPETITION WILL BE GROUNDS FOR DISQUALIFICATION AND THAT PULL TO BE STOPPED BY FLAG MAN.
29. WEIGHT MUST NOT INTERFERE WITH THE HOOKUP OF THE HITCH OR THE HOOKING OF THE SLED TO THE HITCH.
30. NO MOVABLE WEIGHTS PERMITTED DURING COMPETITION (SUCH AS HYDRAULIC-CONTROLLED WEIGHT RACKS OR BOXES).

CHAINING OF AXLES

31. ALL TRUCKS WILL BE CHAINED DOWN EITHER AIR RIDE OR LEAF SPRING SUSPENSIONS.
32. THE CHAINING SHALL BE OF THE REAR DRIVE AXLE ONLY, ON BOTH SIDES OF THE AXLE, TO THE FRAME, WITH CHAIN CIRCLING THE FRAME SO THAT THE HITCH CANNOT BE RAISED.
 - A. TURNBUCKLING THE REAR DRIVE AXLE DOWN SO THAT IT WILL NOT MOVE UPWARD IS CONSIDERED CHAINING.
 - B. PINNING THE REAR DRIVE AXLE DOWN SO THAT IT WILL NOT MOVE UPWARD IS CONSIDERED CHAINING.
 - C. IF THE TRUCK IS A SINGLE REAR DRIVE, THE DRIVE AXLE WILL BE CHAINED WHETHER IT IS FRONT OR REAR AXLE.
EXAMPLE: ONE AXLE IS AN AIR TAG.
 - D. CHAINING UP ANY AXLE IS NOT PERMITTED.

AXLES

33. ONLY TANDEM AXLE SEMI-TRUCKS WILL BE PERMITTED TO COMPETE. NO SINGLE AXLE TRUCKS. NO DUMP TRUCKS. NO SPECIALTY TRUCKS (WELL DRILLING, WRECKERS, BOOM TRUCKS OR

ROLL OFF TRUCKS ETC.) WILL BE PERMITTED TO COMPETE. 34. NO TRI-AXLE TRUCKS WILL BE PERMITTED TO COMPETE.

35. NO VEHICLE MAY COMPETE WHICH HAS CHAINED, PINNED OR IN ANY WAY RAISED THE REAR AXLE OFF THE GROUND. ALL AXLES MUST BE ON THE GROUND TO COMPETE, WHETHER DRIVE AXLES OR NOT.

POWER TRAIN

36. ONE PRODUCTION-AVAILABLE COMMERCIAL TRUCK ENGINE ONLY WILL BE PERMITTED. NO MULTI-ENGINES. NO NON-COMMERCIAL TRUCK ENGINES (CAR, PICK-UP TRUCKS, MILITARY, AIRCRAFT, SPECIALTY ENGINES SUCH AS RODECK, BLACK, ARIAS, ETC.) PERMITTED.

TURBO

37. IF AN ENGINE IS EQUIPPED WITH TURBOCHARGERS, THE TOTAL NUMBER OF TURBOCHARGERS AVAILABLE FOR THAT ENGINE WILL BE PERMITTED. NO ADDITIONAL TURBOCHARGERS WILL BE ALLOWED.

38. TRANSMISSION AND REAR ENDS MUST BE COMMERCIAL SEMITRUCK FACTORY COMPONENTS. NO SPECIALTY TRANSMISSIONS OR REAR ENDS PERMITTED. AUTOMATIC TRANSMISSION PERMITTED.

