

GENERAL CLUB RULES FOR ALL CLASSES

- 1} *ORVTPA Reserves the right to interpret any and all rules as they see fit. New rules may be adopted during a pulling season to promote safety or the benefit of the sport.*
- 2} *All pullers are to be careful in pit areas and on/or off track (watch spectators and/or families of pullers). Any un-sportsman conduct and/or language on track or in pits is unacceptable, and will not be tolerated. A grievance committee will be set up to handle problems if they arise.*
- 3} *Someone capable of operation and controlling the vehicle must be seated in vehicle at all time when engine is running or being started. Engines running with no one in the seat will be cause for disqualification.*
- 4} *When suspended for cheating you are not allowed on track during your suspension for any reason at all.*
- 5} *Pulling vehicle touches line under green flag you will be disqualified.
 - a) *Out of bounds after 300' (or full pull) mark – legal pull.**
- 6} *Three (3) minute limit to hook to sled*

ENGINES

- 1} *All turbo charged engines will use 2 3/8 bolts mounted inside the exhaust pipe. The bolts will be mounted perpendicular to prevent turbo charger parts going out the exhaust pipe.*
- 2} *All automotive engines must have harmonic balancer corer (360 degrees). Must have front strap*
- 3} *All vehicles with engine powered fan must have shrouded*
- 4} *All pulling vehicles must have a starter interrupter switch, which will allow starting of vehicle only in neutral on manual transmissions and park on automatic transmissions. Switches must be mounted on the shift lever.*
- 5} *All V-8 engines must have engine side shields. Shields must run completed length of block casting. Must be from bottom of head to top of frames and must be mounted to frame.*
- 6} *All electric fuel pumps on spark ignition engines must be grounded when kill switch is pulled.*
- 7} *Air shut-offs on diesel engines will be spring loaded to a closed position. Butterflies inside the air intake pipe will not be accepted.
 - 7-a) *All super farm and pro farm tractors will be required to use a cable restraint system. One 3/8-diameter cable will be used to restrain the cylinder head. The cable will surround the engine and be mounted between the first and second cylinders. The cable will pass through the exhaust port area. The cable will use two cable clamps and will have 4 to 6 inches of slack.**
- 8} *Diesel engines will use a manual 3 way dump valve installed ahead of injection pump, must operated from the dash panel*

INTERCOOLERS

All intercooler/after cooler assemblies must be shielded on all side by .060 steel or aluminum

DISCONNECT SWITCH

A disconnect switch will be installed to shut off all electric current from the battery. Switch must be operated from outside the vehicle and be mounted in the front of vehicle to provide easy access from the ground

KILLSWITCHES

Kill switches will be mounted a max of 48 inches above hook point and within 6 inches of center of pulling vehicle. Kill switches ring will be 2 inches minimum diameter and must be steel.

STABILIZER BARS:

Tractors

- * Stabilizer bars will extend a minimum of 32 inches behind the centerline of the rear axle*
- * Stabilizer bars will be a maximum of 10 inches off the ground and have a 5-inch square pad.*
- * A vertical brace will extend a minimum of 24 inches upward from the pad and a horizontal brace will connect the Stabilizer bars*
- * Bars must be capable of supporting the vehicle weighted for the heaviest class it will compete in vertical brace to the stabilizer bar assembly*
- * No part of the hitch may be connected to the stabilizer bar assembly*

2WD Trucks

All 2wd trucks will use stabilizer bars. The stabilizer bars will extend a minimum of 2 inches behind the rear tire and be a maximum of 10 inches off the ground with a 5 inch square pad

Rolling wheels or moving devices of any kind will not be accepted on any stabilizer bar in any class

FIREWALLS

- * 2WD trucks will be required to use a complete firewall. The firewall will be the full width of the driver's compartment and go from the dash panel to the floorboard. The firewall will be made of a minimum of .060 materials. Acceptable materials are lexan, steel, or aluminum*
- * All trucks will be required to pull with the hood on completely covering the engine compartment*

BLOW BY TUBES

All blow by tubes must exit in front of the of the rear tires of the pulling vehicle in the track of the tire

- No tinted windows. Factory tint is acceptable.
- No dirt deflectors
- Quick release steering wheel any class with roll cages
- All Tractors: Front wheels must track with rear wheels
- All tractors must have a solid barrier between driver and rear wheels. Barrier must be capable of supporting driver's weight

- Fenders or tire shields are required
- Wide front ends only

CLUTCHES & BELL HOUSINGS

- * *All Pulling Vehicles equipped with an automotive type engine using a clutch/flywheel assembly will be required to use a Billet Flywheel. Flywheel will be made of steel or aluminum and be SFI approved. Absolutely no cast iron allowed. All clutch assemblies will be steel and be SFI approved. No cast iron.*
- * *All vehicles using automotive type engines and using an automatic transmission will use a SFI approved flex plate.*
- * *All clutches in automotive applications will use a one piece hydro form bell housing type A, B, or C will be acceptable. No two piece bell housings.*
- * *No welding, chemical milling, or cutting permitted on bell housings.*
- * *Type C bell housings will be shielded around clutch release fork opening. Shield will be 3/8 steel on top and sides and be securely mounted to the vehicle frame. Shield may not be bolted or welded to bell housing.*
- * *All vehicles using a clutch/bell housing assembly will use a SFI or NHRA approved block saver plate.*
- * *Bell housing will be mounted with 8 (3/8 grade 8 bolts) in top half of bell housing 4 bolts will hold the bell housing to back of block and 4 bolts will hold bell housing to saver plate. The 4 bolts holding bell housing to block plate will be between the bolts holding bell housing to block. There will be a minimum of 4 1/2 inch bolts securing bell housing to transmission.*

All tractors classes will have SFI approved clutch/flywheel assembly. No cast iron. All tractors will use a six buckle SFI approved blanket around the transmission housing blanket will be 20 ply ballistic nylon or Kevlar equivalent

3800 MINI TRUCKS

- * Steel flywheel and safety bell housings and block saver plate
- * 1/4" steel shield 360 degrees around the engine balancer 2" wide
- * Engines driven cool fans shielded 360 degrees around fan
- * Shields for side of block from base of head to top frame

Shields around u-joints and driveline every 3 feet; 6" long ' 2" maximum spacing around u-joint; shield thickness 3/8" aluminum, 5/16" steel. All vehicles must have drive shaft loops every three (3) feet. Must be round 1/8" (inch) thick. All vehicles must have universal joint covers (360 degrees). 6" (inches) long centered on joint must be round.

TIE BARS

Safety tie bars will be required in all tractor classes. Tie bars will be from frame rail to rear axle housing and be capable of supporting the tractor with all bolts removed from transmission housing.

HITCHES

All hitches will be minimum 3 1/2 inches long x minimum 3 inches wide at the hook point, lateral thickness of hitch will be max 1 1/2 inch minimum 1 inch cross-sectional thickness.

KILLSWITCHES

Kill switches will be mounted a max of 48 inches above hook point and within 6 inches of center of pulling vehicle. Kill switches ring will be 2 inches minimum diameter and must be steel.

PULL-OFFS

Pull-off will be run in order of the class pulled. No dropping of positions in a pull-off situation.

FIRE SUITS

All Classes; Complete fire suit and fireproof gloves is required in all classes. Must meet SFI Spec 3.3c. No tennis shoes are to be worn must have good work shoes or fire shoes.

Driver Protection

All drivers will be required to use an SFI approved 3.3 neck collar

HELMETS

All competitors will wear a full-face helmet. Snell 2005 rating or better

- 1. All vehicles must have working brakes.*
- 2. All pulling vehicles must be equipped with a seat belt.*
- 3. Any driver who is out of his or her seat during the pull will be DISQUALIFIED.*
- 4. All vehicles must have a working fire extinguisher.*
- 5. Driver's seat must be directly behind the steering wheel.*
- 6. No clutching of the truck will be allowed during the pull.*

DRIVELINE SHIELDING

All remaining exposed drive shafts will be shielded 360 degrees by 3/8 inches aluminum or 5/16-inch steel. Drive shaft must be completely covered, minimum 1/4 inch visible at either end.

FUEL TESTING

Beginning with the 2007-pulling season ORVTPA will be testing fuel in all pulling classes. Fuel tests will be performed to determine the legality of any and all fuels used by competitor/ members of ORVTPA. The methods fuels will be tested by will be; 1) oxygen sensor, 2) hydrometer, and 3) dielectric meter. Fuel testing may be done for any class at any time.

OXYGEN SENSING

Oxygen sensing will be done at random and will be performed immediately at the end of a competitors pull before the pulling vehicle leaves the track area.

HYDROMETER

A hydrometer may be used to check the specific gravity of any fuel at any time.

DIELECTRIC TESTING

The dielectric meter will be used to test the legality of diesel fuel and gasoline.

Diesel Fuel

Diesel fuel will have a maximum dielectric constant of 4.9 and a minimum of 2.1

Gasoline

Gasoline will have a maximum dielectric constant of 2.1 and a minimum of -1

Penalties For Illegal Fuel

Any competitor found using illegal fuel would be suspended for 1 calendar year plus 1 day

Dielectric Variance

Any competitor found with diesel with a dielectric reading of 5.0 to 5.4 or a gasoline reading 2.2 to 2.6 will be disqualified for the pulling session with loss of ALL points and monies earned for that session, this variance may be used once per competitor all subsequent fuel infractions will result in a 1 calendar year suspension plus 1 day

No oxygen carriers or combustion accelerators allowed