

# 2017 Renegade Pullers Rules

## Dues, Insurance, Fees, ECT

1. All Drivers must register prior to the Driver's Meeting.
2. \$12.50 per hook fee for all classes.
3. Payback checks will NOT be used for entry fees. Payback will be at the next pull unless you have given the treasurer a self-addressed stamp envelope to mail the check to you.
4. Pay back will be to the top three (3) places in all classes (except special events as designated by Renegade Pullers). Payout is based on number of hooks and number of classes for that days pull.
5. There is a \$5.00 Insurance fee for each hook, if the annual insurance has not been paid. The \$5.00 insurance fee will count towards your annual insurance fee. Annual insurance fee is \$40.00 per tractor per year.
6. Membership dues are due January 1st of each year. Annual Memberships are \$10.00 per member or \$25.00 per family. A family is considered parents and children up to four (4) unless otherwise approved by Renegade Pullers Board Members, Non-members may pull at one event before a mandatory membership is due. \*NOTE\* ADDITIONAL MONEY ADDED BY THE PROMOTER WILL ONLY BE PAID TO RENEGADE PULLER MEMEBERS!
7. All new tractors must have a safety tech before it can hook to sled or make a pull.
8. To receive points for the class you must be: Paid member. Have insurance paid on the tractor for the year. Must be present at the hook. Any conflicts will be decided by the board.
9. You have to be a paid member and attend at least half of the events to receive year end points prize and award.
10. NO HOOK FEES, INSURANCES, OR MEMBERSHIPS WILL BE REFUNDED. HOOK FEES WILL CARRY OVER TO THE NEXT EVENT.
11. Sign up will end 30 minutes prior to pull. There will be NO EXCEPTIONS. Make sure you get signed in.
12. After you have signed up and weighed in you need to have your tractor lined up and ready for pull. If you are not lined up you will be skipped over and possibly not be able to pull that round.

## Contestant Rules:

1. Drivers will operate his/her tractor in a safe manner and in such a manner to be in full control at all times in or out of the pit area.
2. Careless driving in the pits and along the track on either a pulling tractor or pullback vehicle will NOT be tolerated. Penalties for such actions are as follows;
3. 1st Offense: Written Warning. 2nd Offense: Banned for the rest of the pulling year, plus three pulls in the next pulling year if there are less than four pulls left in the current season.
4. Someone must be in the seat of any tractor as long as it is running.
5. Driver must have at least one hand on the steering wheel at all times.
6. Driver must keep both feet on the pegs.
7. Driver MUST stop immediately when the red flag drops.

8. All drivers are required to wear long pants, shoes and shirts for ALL classes. No open toed shoes!
9. A fire suit is mandatory for the drivers if the tractor is running alcohol fuel.
10. Helmets are required in ALL classes. Helmets must meet DOT requirements, SNELL 95 or better.
11. The sled operator will pull the kill switch if he/she feels that the safety of the driver, spectators, or track officials is in jeopardy.
12. If you do not pass safety/tech inspection, you will be given a copy of tech and you have to fix the issue and have your tractor inspected at the next pull to receive your sticker. All tech stickers MUST be visible for the person hooking. NO EXCEPTIONS

### **Protest or Disqualification:**

1. Competitors wishing to protest a decision of an event official must; first verbally protest to the official.
2. If, only after hearing the official's explanation of the disqualification, the competitor still wishes to protest he/she will be directed to the Vice President, who will arrange a hearing of this appeal by the board members.
3. Board members as a group will hear the official involved and competitor's version of the events.
4. Board members will rule according to current rules and instructions given at the driver's meeting. (Non-attendance of the meeting will NOT excuse the competitors from compliance of all instructions given at said meeting) It will be the competitor's responsibility to be knowledgeable with current rules: i.e. any claim of ignorance of a rule will NOT excuse a disqualification.
5. If no rules or instructions apply directly, the board will govern by the "spirit" of the intent of the rules and instructions. The board will also base these decisions of fairness and impartiality.
6. If at all possible, the protest and appeal will be completed at the event of occurrence, unless all parties involved agree to postpone to a later, agreeable, date.

### **Contest Rules:**

1. Each tractor is allowed only two (2) pulls per day.
2. Each tractor has two (2) attempts per hook as long as the sled has not passed the 35 ft false start line. An attempt is considered once the hook goes in the hitch and driver physically tries to start the tractor in motion by revving up the engine and attempting to release the clutch. The sled will pull the tractor back and the second attempt will be made immediately or the tractor will be DQ.
3. The test puller in each class has the option to take his/her pull or drop to fourth position or at the end of the class. This decision must be made before the tractor leaves the track.
4. Any mechanical issues or re-weighting of the sled the next test puller has the option to re-pull at the fourth position or last position.
5. If the test puller is disqualified, he/she does NOT get the option!
6. If the sled experiences mechanical breakage during a pull or the driver is stopped and the

problem is not with the driver or his/her tractor, the driver will drop four (4) places to allow the engine to cool. If there are less than four tractors left in the class, they will have five (5) minutes maximum after the last tractor has finished.

7. As long as no part of the tractor physically touches the white boundary line, the tractor is NOT disqualified. If only the sled goes out of bounds the puller is not disqualified. If a puller is disqualified as above, the tractor will receive last place points in the class.
8. Points will be awarded as follows: 5 points for show, 1 point to hook 1st =10 Pts, 2nd =9Pts, 3rd=8Pts, 4th=7Pts, 5th=6Pts, 6th=5Pts, 7th=4 Pts, 8th=3Pts, 9th=2Pts, 10th=1Pt, 11th & up will receive show and hook points only If a tractor is unable to hook in its class due to mechanical breakage or other catastrophic failure, it will receive last place points in the class. Points are awarded to the tractor and NOT the driver.
9. There will be a 2 lb. variance in weight allowed for all tractors.
10. If a tractor in a class is questionable, not covered under a specific class, a meeting of the officers will be called to determine if said tractor can compete and in which class it should be competing in. Once the class is determined, all the members of that class must approve the tractor competing in their class. (Example a V-6 pulling in the 4-cylinder class must be approved by all members of the 4-cylinder class.)
11. NO alcohol consumption before or during the participating events. If a puller/crew member is caught, said person will NOT be allowed to participate that day. The penalty applies to the puller and not the tractor.
12. No use of tobacco products on the track while driving due to fire hazards.
13. Class rules are voted on by the pullers of that class. (Example: Stock votes on stock rules ONLY!)
14. Rules may be changed at any time to promote safety.
15. Weigh in is on the honor system. The association will be performing random checks at any time they see fit.

### **General Tractor Rules: ALL OF THE FOLLOWING RULES ARE STRONGLY ENFORCED!**

1. All tractors must have a sufficient device to prevent the tractor from turning over. Either skid plates or dolly wheels must be used, one on each side of the drawbar. Wheels must be a minimum of 4" in diameter x 1" wide. When using wheels, the center of the wheel must be at least 5" behind the rear face of the tire. Skid plates must be at least 5" from the back edge of the rear tire. The bottom of the wheel or skid plate must not be more than 5" above the ground. Skid pads should be 2" wide x 3" long. No part of the wheelie bar device should interfere with the sled chain. Bumper bars are required on all tractors and must be even with or behind the back face of the wheelie bar wheels or skid pads. **STRICTLY ENFORCED!!** If a suspected material is used in wheelie bar construction, they will be tested for stability. Wheelie bars must be able to support the weight of the tractor.
2. All tractors must be equipped with the following:
  - a. Fire Extinguisher 1 ½ lb dry chemical or 1 lb Halon. A gauge is required on the fire extinguisher.
  - b. Dead man throttle

- c. Kill switch that when pulled MUST kill the ignition and fuel pump(if equipped)
  - d. Working brakes
  - e. Fenders with at least a 4" in width and cover the front of the tire to its furthest point forward. It is recommended that the front of the fender be connected to the foot step to avoid your foot from being pulled in by the tire.
  - f. A cover on its ignition points
  - g. Spherical Rod Ends on all steering linking
3. You must have a cover for the battery on starter carts.
  4. All clutches, flywheels and drivelines must be shielded with 1/8" steel or aluminum equiv. Stock class tractors must use at least the OEM shielding as installed from the factory.
  5. Exhaust must discharge vertically unless a stock muffler is used.
  6. A hood and grill must be in place on all garden tractors.
  7. Drivers must remain in the seat at all times during the pull.
  8. Maximum length of the tractor is 8ft measured from the center of the rear axle to the furthest point forward including all weights. Maximum 6ft width.
  9. Maximum tire size in all classes is 26x12x12. No dual tires, chains, or studded tires allowed. Except when noted in class rules.
  10. Draw bar or hook point will be 13" (unless otherwise specified) from the point of hook to the ground and needs to be parallel to the ground.
  11. Hook point in the drawbar must be a minimum of 1 1/2" and maximum of 2" in diameter hole. Must be made of at least 3/8" plate material and the hole must not be more than 3/4 "forward from the back edge of the hitching device. No part of the hitching device will be any further forward than the center of the rear axle. The hitching device must be stationary of all movement. An area of 5" wide (2 1/2" on either side of the hitching device) by 12" (6" above and below the center of the hitching device) must be free of all obstructions. Hitch hole must be a complete circle with no open back.
  12. Stock clutch shields will NOT be allowed in any other class except stock.
  13. No weights can stick out past the plane of the rear tires.
  14. Rules are in effect when the puller/driver pulls on the grounds of the pull event.
  15. Any tractor may pull in a class above as long as they meet the requirements of that class.
  16. No Compressed fuels.
  17. Driver will be disqualified if he or she delays contest. Driver has 60 seconds once the pan has dropped to hook to the sled or they will be disqualified.

## **Class Rules**

**Note: All limited RPM Classes: RPM's will be checked during the tech inspection. The association will be performing random checks at any time they see fit.**

### **Youth/ Kid Open Class:**

- Weight Class: 1050lbs recommended
- Cost: \$10.00 no payout will be awarded in this class.
- This class is for kids 12 years of age and younger. Also, designed for the first time puller. Engine change okay. All safety rules still apply. One pull per driver. No competition driver can pull in this class. Adult supervision may accompany tractor and driver during the pull. Safety kill may be installed with parent or assisted person in control.

### **Single 12hp:**

- Weight Class: 1050 lbs.
- Stock parts only.
- Age limit on class participation: 5 years old and/or physically capable of being in full control of their tractor at all times.
- Engine must have stock stroke.
- Stock (OEM) flywheel (cast) is recommended but not required solid flywheels are optional for safety reasons.
- No porting, polishing, headwork, cam grinding and/or cam twisting.
- May mill the head as long as the combustion ring is present and valve area is not changed. Stock pin height. Stock rod may be inserted.
- Stock appearing heads ONLY.
- Stock Frame (OEM Frame). You CANNOT move the rear axle from the stock position. The engine MUST be in the OEM position. The front axle can be moved as long as it is still under the stock frame length.
- Wheelbase: 52" maximum
- Non-stock grills are allowed. (Aluminum or fiberglass) Stock production, non-altered cams only.
- Locked rear axles are allowed.
- Fuel must be gasoline only. (.750 specific gravity maximum). Electric fuel pumps allowed.
- Max of 4000 RPM for all tractors
- Crank trigger optional
- Electric fuel pumps optional but must be able to be killed through emergency kill switch.

### **Single 16 HP:**

- Weight Class: 1050 lb.
- Age limit on class participation: 5 years old and/or physically capable of being in full control of their tractor at all times.
- 16Hp Maximum for Stock Single Engine must have stock stroke.
- Stock (OEM) flywheel (cast) is recommended but solid flywheel are optional for safety reasons.
- No porting, polishing, headwork, cam grinding and/or cam twisting.
- May mill the head as long as the combustion ring is present and valve area is not changed. Stock pin height. Stock rod may be inserted.
- Stock appearing heads ONLY.
- Crank trigger optional
- Electric fuel pumps optional but must be able to be killed through emergency kill switch.
- Stock Frame (OEM Frame). You CANNOT move the rear axle from the stock position. The engine MUST be in the OEM position. The front axle can be moved as long as it is still under the stock frame length.
- Wheelbase: 52" maximum
- Non-stock grills are allowed. (aluminum or fiberglass) Stock production, non-altered cams only.
- Maximum for OHV twin cylinders is 44 cubic inches, Flat head twin cylinders 45 cubic inches, and 37 cubic inches for single cylinders.
- Locked rear axles are allowed.
- Fuel must be gasoline only. (.750 specific gravity maximum). Electric fuel pumps allowed.
- Stock class will be divided into Single and Twin Cylinders. Max 4000 RPM for all tractors

### **V Twin up to 25hp**

- Weight Class: 1050 lb.
- Age limit on class participation: 5 years old and/or physically capable of being in full control of their tractor at all times.
- 25 HP Maximum for Twin Cylinder Engine must have stock stroke.
- Stock (OEM) flywheel (cast) is recommended solid flywheels are optional for safety reason.
- No porting, polishing, headwork, cam grinding and/or cam twisting.
- May mill the head as long as the combustion ring is present and valve area is not changed. Stock pin height. Stock rod may be inserted.
- Stock appearing heads ONLY.
- Stock Frame (OEM Frame). You CANNOT move the rear axle from the stock position. The

engine MUST be in the OEM position. The front axle can be moved as long as it is still under the stock frame length.

- Wheelbase: 52" maximum
- Non-stock grills are allowed. (aluminum or fiberglass) Stock production, non-altered cams only.
- Maximum for OHV twin cylinders is 44 cubic inches, Flat head twin cylinders 45 cubic inches, and 37 cubic inches for single cylinders.
- Locked rear axles are allowed.
- Fuel must be gasoline only. (.750 specific gravity maximum). Electric fuel pumps allowed.
- Stock class will be divided into Single and Twin Cylinders. Max 4000 RPM for all tractors

### **Stock Altered**

- Weight Class: 1050 lbs.
- Age limit on class participation: 9 years old and/or physically capable of being in full control of their tractor at all times unassisted.
- Stock Frame (OEM Frame). Rear axle must remain in the stock position. Wheelbase 52" maximum.
- All stock altered tractors must be built to NQS Stock Altered Rules as follows:
  - Single cylinder four cycle flathead engines only.
  - Engines must be Kohler, Wisconsin, Tecumseh or Briggs.
  - Engine blocks must have an OEM stock appearance.
  - Engines must be factory productions or their OEM replacement with factory deck height.
  - Stock head bolt pattern. Stock head gasket must fit over studs or bolts.
  - Stock head bolt location and head bolt size.
  - Maximum crankshaft stroke 3.25"
  - Maximum engine bore 3.780"
  - 36.5000 cubic inches' limit
  - Maximum engine valve size 1.380"
  - Maximum engine valve lift .330"
  - Maximum carburetor venturi size 1.00", no air entering after 1.00" restriction, venturi must be round in shape.
  - Carburetor must be mounted to the engine with no more than a 1" spacer.
  - No reverse port engines allowed, carburetor must go to the original intake port.
  - Carburetor must be a stock appearing Kohler-type.

- Billet heads permitted.
  - Porting and polishing allowed.
  - No external welding or external modifications allowed.
  - All thread through finned area is acceptable.
  - Welding permitted in crankcase area of the block for repair.
  - Must run a factory appearing hood and grill.
  - Tractors must have a garden tractor rear-ends.
  - Tractors must use stock garden tractor frames.
  - Frames must maintain factory length.
  - Wheelbase: 52" maximum
- All 30 cubic inch tractors will be allowed to run in this class. If there are more than 3 they will have their own class. 30 cubic inch tractors will follow NQS 30 cubic inch rules. Fuel: Alcohol or gasoline allowed. No Nitrated or Oxidized fuels allowed.

#### **Limited V-Twin- 25hp**

- Weight Class: 1050lb
- Gov. Twin 5000RPM Class
- 13" Hitch – 1050#30 HP Block Max
- Must be garden tractor block. No recast, billet or plated heads. No welding on outside of heads. Putty permitted.
- Stock manifolds only – 2 barrel, plastic, horizontal or vertical. Must have factory part number. No homemade plenums
- Carb/manifold spacers are allowed. Carb – 1,200 Venturi max. Single or two barrel carbs permitted. No fuel injection allowed.
- Any ignition is allowed. Electric fuel pumps allowed
- Wheelie Bars, brakes, safety shields required.
- Steel flywheel. No cast iron. Front pulleys – steel or alum, must have bolt and washer to secure. Must have flywheel/clutch shields in place.
- Must have working kill switch – dead man throttle. 26x12x12 max tire size. Any tire allowed.
- Tractors must be clean and painted. Fire suits and helmets required.
- Up to VP C15 Fuel

#### **Pro-Lite / Mo. Super Stock**

- Weight Class: 1050 lb.



- Age limit on class participation: 9 years old and/or physically capable of being in full control of their tractor at all times unassisted.
- Flathead engine with stock appearing block Maximum bore 3.830"
- Maximum stroke 3.25
- cubic inches maximum Open valve size
- Billet heads allowed
- Stock appearing Kohler-type carburetor with a maximum venturi of 1.200". No air entering after the 1.200" air restriction. Venturi must be round in shape. No slides, no injection, naturally aspirated only. Standoff pipes or ram tubes are permitted
- Wheelbase: 56" maximum
- Stock Altered Twins are allowed to run in this class under the following rules:
  - Stock engines (block, stroke, heads). Engine size must not exceed 39 cubic inches for OHV or 48 cubic inches for flathead twins.
  - Stock carburetors may be reworked. OEM accelerator pump carburetor is allowed. OEM Kohler 2-barrel carburetor and recast 1.200" stock appearing carburetors are allowed. No other types of carburetors allowed. Maximum one (1) carburetor allowed. No turbos or pressurized intakes.
  - No reverse port engines allowed. Manifolds and carburetors must go to the original stock ports
  - Stock heads may be reworked, but recast or aftermarket heads are NOT allowed. Porting and polishing is allowed. No external welding or other external modifications allowed. Must use stock intake and exhaust bolt pattern and location.
  - Aftermarket cams, pushrods, valve springs and solid lifters allowed. Roller lifters and roller rockers are allowed. Engine must have been available in a lawn or garden tractor from an OEM manufacturer not to exceed any other rules such as horsepower, cubic inch, cylinders, or class size rules, ect., and must be OEM stock production garden tractor engine. Aftermarket blocks are not allowed. It is up to the tractor owner to provide documentation to prove eligibility, such as OEM tractor manufacturer, tractor model, and engine specs such as cylinders, cubic inch, and horsepower rating.
- Fuel: Alcohol or gasoline is allowed. No Nitrated or Oxidized fuels allowed.

**Modified (50.5 cubic inch):**

- Weight: 1050 lb
- Age limit on class participation: 12 years old and/or physically capable of being in full control of their tractor at all times unassisted.
- Open to Single Cylinder and Twin Cylinder garden tractors only! Any type of naturally aspirated induction is permitted.
- Wheelbase: 56" maximum

- Fuel: Alcohol or gasolines are allowed. No Nitrated or Oxidized fuels allowed.
- 50.500 cubic inches maximum Aftermarket blocks are permitted.

### **Open Super Stock**

- Light Weight 1100 lb Heavy Weight: 1150 lb
- Age limit on class participation: 12 years old and/or physically capable of being in full control of their tractor at all times unassisted.
- Maximum two (2) cylinders. These can be in separate engines (i.e. two single cylinder engines) or three
- cylinders diesel fueled engines. Maximum of 75 cubic inches.
- Any type of induction is permitted. Methanol only in non-diesel engines.
- Diesel Rules:
  - Water injection permitted, water or water soluble oil mixture only.
  - Stock head for engine make and model, no external welding except for repair.
  - No overhead cam engines.
  - Stock OEM intake and exhaust manifold. Porting and polishing allowed. No tube manifolds.
  - Engine block model and serial numbers must be visible.
  - Stock or Component frames with stock appearing garden, compact, or farm tractor sheet metal with full engine shields (side shields must be a minimum of 1/16" steel or aluminum). Tube chassis must be covered with sheet metal.
  - No Billet fuel injector pumps or electronic fuel injection.
  - Limit one (1) turbo, no size restriction.
  - No intercoolers or ice boxes.
  - Kill switch must shut off electric fuel pump and shut air off on compressor side of turbo.
  - Exhaust "L" of turbo must have a minimum of 5/16" cross elbow with exhaust to discharge vertically.
  - No propane or nitrous of any kind.
  - Must run 1/4" cable around oil pan over top of valve cover in between #1 and
  - #2 cylinder in a complete circle connected with cable clamps (minimum of two (2) clamps).
  - Steel flywheel required with flywheel inspection hole in bell housing.
  - Flywheel, front cast pulleys and clutch must be shielded 360 degrees with 1/8" steel or 3/16" aluminum SFI approved scatter blanket also acceptable.
- No belt driven cooling fans allowed, must be electric fans.
- All other general rules apply.

- Fuel: Alcohol or gasoline is allowed. Diesel fueled tractors MUST run diesel fuel only with no additives. Maximum wheelbase: 56”

**Pro Modified:**

- Weight Class: 1250 lb.
- Age limit on class participation: 12 years old and/or physically capable of being in full control of their tractor unassisted.
- Fuel: Alcohol or gasolines are allowed. No Nitrated or Oxidized fuels allowed.
- Naturally aspirated engines only. All 2 and 4 stroke motors. (i.e. Snowmobile, watercraft motorcycle, etc.)(Intent of rule, no turbo or superchargers.)
- Maximum engine size: 750 cc block stamp.

**Super Modified:**

- Same as the Pro Modified with the following exceptions:
  - Weight Class: 1350 lb
  - Maximum engine size: 1225 cc block stamp.

**\*\*\* Rule for all Four Cylinder Automotive and V-8 Classes:**

**A four point roll cage and four point harness will be required. Roll cage must make contact at 4 points of the tractor and be cross braced in the center. Roll cage must be strong enough to be a protective structure in a roll over. Material must be made out of at least 1 ½ inch tubing.**

**Four Cylinder Automotive:**

- Weight Class: 1500 lb.
- Age limit on class participation: 13 years old and/or physically capable of being in full control of their tractor at all times unassisted.
- Must have a lockout device to keep the tractor from starting while in gear.
- Must have either a scatter blanket or minimum 3/8” steel cover over bell housing, unless SFI certified, U-Joints also need to be shielded.
- No cubic inch limit with naturally aspirated engines.
- Turbo and Blower motors. Limit 2500cc for engines with a blower or turbo. Fuel: Alcohol or gasoline is allowed. No Nitrated or Oxidized fuels allowed.
- Front skid plates are required for safety reasons.

**V-8: Tire Size 26x12X12**

- Weight Class: 1700 lb.
- Age limit on class participation: 16 years old and/or physically capable of being in full control of their tractor at all times unassisted.
- Must have a lockout device to keep the tractor from starting while in gear.
- Must have either a scatter blanket or minimum 3/8" steel cover over the bell housing, unless SFI certified, U-Joints also need to be shielded.
- No cubic inch limit, small blocks only. No blower or turbo, naturally aspirated only. Fuel: Alcohol or gasoline is allowed. No Nitrated or Oxidized fuels allowed
- Front skid plates are required for safety reasons

#### **V-8: Large Tires 31X15X15**

- Weight Class: 1850 lb.
- Age limit on class participation: 16 years old and/or physically capable of being in full control of their tractor at all times unassisted.
- Must have a lockout device to keep the tractor from starting while in gear.
- Must have either a scatter blanket or minimum 3/8" steel cover over the bell housing, unless SFI certified, U-Joints also need to be shielded.
- No cubic inch limit, small blocks only. No blower or turbo, naturally aspirated only. Fuel: Alcohol or gasoline is allowed. No Nitrated or Oxidized fuels allowed
- Front skid plates are required for safety reasons.

