

## **2010 RULE BOOK**

### **AmericanMiniPuller.com**

The rules found in this book are the only ones recognized by A.M.P.I. and are the only ones to be used at A.M.P.I. sanctioned events. MUST be sanctioned with A.M.P.I. It is everyone's responsibility to insure that all rules are followed, and report any and all violations.

The purpose of American Mini Pullers Inc. (A.M.P.I.) is to provide a safe, fair and competitive sport for the spectators and competitors. Safety always comes first and is EVERYONES CONCERN. Should you see an unsafe act at any A.M.P.I. sanctioned event please report it immediately to the track official and/or the A.M.P.I. office.

We try to provide classes for all interested parties. We have stock classes for garden tractors and riding mowers up to specialized professionally built pulling tractors. It is a great sport for anyone who loves to pull.

We feel that we have meet many friends in the previous years, and are looking forward to meeting many new pullers and friends this year. We are always open to any suggestions or comments that you may have. If you have questions please feel free to ask them. We would be glad to help you in any way possible. Hope to see you soon.

We believe we have a sport for all who enjoy honest, fair competition. We have competitors from all ages, male and female, truly a family sport where no member needs to feel left out, so tune up your tractors and get ready we should be at your town soon.

## **Stock Classes**

900lb, 10hp or less

1000lb, 12hp or less(14-16hp run at 3200RPM)

### **Mod Stock/ Stock Altered:**

800lb Mod Stock, 8hp or less No Billet Head

850lb Stock Altered, 10hp or less

850lb Mod Stock, 8hp or less No Billet Head

1000lb Stock Altered, 10hp or less

950lb Stock Altered, 12hp or less

1050lb Stock Altered, 14hp or less

### **60 Over:**

950lb, 16hp or less

1050lb, 16hp or less

### **Pro Stock:**

1000lb, 16hp or less

1050lb, 16hp or less

### **Limited Outlaw**

1500lb See Class Rules

1600lb See Class Rules

The object of the sport is to pull the weight transfer box as far as possible. This is not a timed event and the puller may use any gear that he or she chooses.

We strive to keep the rules strict enough to ensure a highly competitive sport, under no circumstances will we knowingly allow and overpowered tractor to run in a class in which it does not belong. To help ensure this, track officials have the right to tear down a tractor if they have a reasonable doubt, if found to be illegal entry fee, points, and payback will be taken away, no exceptions.

We also have rules concerning sleds for those who want to own and operate an A.M.P.I sanctioned sled. Again like the pulling machines, under no circumstances will safety and fairness to the competition or spectators be overlooked. All sleds must be sanctioned by A.M.P.I. before it will be allowed to operate at any A.M.P.I sanctioned event. All sleds will be inspected before they will be sanctioned by A.M.P.I. Under no circumstances will A.M.P.I

points be issued at non-sanctioned events or on a non-sanctioned sled.

|   |      |
|---|------|
| Membership – per/Tractor (1 vote per tractor) | \$20 |
| Member Hook                                   | \$7  |
| Non-Member Per Hook                           | \$10 |
| Family Member for Voting                      | \$10 |
| (Must be 18 for election of officers)         |      |

**Sled sanction depends on distance and insurance.  
A.M.P.I. Points System:**

| <b>Place</b>     | <b>Points Earned</b> |
|------------------|----------------------|
| 1st              | 30                   |
| 2nd              | 27                   |
| 3rd              | 24                   |
| 4th              | 21                   |
| 5th              | 18                   |
| 6th              | 15                   |
| 7th              | 12                   |
| 8th              | 9                    |
| 9th              | 6                    |
| 10th and Below   | 3                    |
| Hook Points      | 3                    |
| Rain Points      | 3                    |
| Disqualification | 0                    |

Points go with tractor, except of sale of tractor. No points will be bought or sold. Points will be given to members only. Non-members will not be considered when adding points. Example: If a non-member gets first place and a member gets second, the member will take the first place in points.

### **General Track Rules**

1. All vehicles must be operated in a safe manner at all times (this includes cars, trucks, tractors and other vehicles). All times means on and off the track. Anyone not obeying this rule will be barred from competition for minimum of two years twenty days from the time of offense.
2. The tractor operator must be seated and gripping onto the steering wheel at all time in order to be in control. Minimum of two fingers on the steering wheel.
3. No riders will be allowed on the tractor. One exception to this may be for pull starting, if it isn't abused.
4. Registration will close 15 minutes before the scheduled pull time. If you are not registered you will not pull. You can pre-register at the end of a pull for the next upcoming pull.
5. Each tractor can only be entered once in a class. Each tractor can be entered in more than one class.
6. Any person that needs help for the first 10ft may be helped, after 10ft the helper must back away until the red flag is thrown.
7. Competitors must be ready to hook to the sled when it is their turn. You will have three minutes; if you are not ready you may ask the track official to drop three positions. Any delays will mean disqualification.
8. All competitors will receive two attempts in which to try to pull the sled beyond 50ft. FOR PRO STOCK AND LIMITED OUTLAW CLASS WILL BE 75ft.
9. Once the pull has started there will be no refunds given.
10. If the first three contestants in the class make full pulls, the class will be started over at the sled driver's discretion.
11. Competitors and their tractors must weigh the class weight or less. If you are reweighed you must be within a ten pound variance or less.

## General Tractor Rules

All engines must maintain a factory head bolt pattern.

### Brakes

1. All tractors must be able of stopping themselves.

### Drawbars

1. No portion of the tractor may interfere with the sled of the sled hitch during a pull.
2. No trick hitches or cam type rear ends.
3. The minimum drawbar length is 6 inches from the center of the rear wheels to the point of hook and it cannot be adjustable to less than 6 inches.
4. The maximum drawbar height is thirteen inches to the point of hook.
5. The drawbar must be stationary and ridged in all directions.
6. The drawbar must be equipped with a hitching device of a minimum of one, ½ inch – 2 inch opening in stock and no more than ¾ inch thick, no less than ½ inch thick. The pulling point may not be more than one inch from the back edge of the pulling device.

Note: A single pin breakaway type drawbar is recommended to eliminate the tipping condition that may occur if the drawbar breaks off and the pull is from the top link or brace fastened above the center line of the rear axle.

### Chassis

1. All tractors in all classes must have stock appearing frames excluding Limited Outlaw Class. Frames must be of original stock material (no aluminum or alloy substitutes) excluding Limited Out law Class. If it is necessary to notch the frame, the frame must be reinforced in the notched area.
2. All tractors in all classes must have wide front axles. Front wheels must track within the rear wheels.
3. The front axle may not be extended past the stock frame excluding Limited Outlaw Class.
4. No tractor may have a wheel track wider than 48 inches
5. All tractors will have hoods.
6. No tractor may have a wheelbase exceeding 72 inches.
7. All tractors will have grills of some type.

### Exhaust Systems

1. If original muffler is not used, exhaust systems must discharge vertically.

### Fuel and Fuel Containers

1. All forms of nitro methane (including nitrous oxide) are illegal as fuel or fuel additives.
2. Legal fuels are as followed: Gasoline, Alcohol, or Diesel.
3. Legal fuel additives are octane boosters, lubrication oil and alcohol (no more than twenty-five percent alcohol only pertains to Mod stock class) subject to sample.
4. No pressurized fuel tanks allowed.
5. Naturally aspirated no fuel injection.

### Weights

1. All weights must be securely fastened.
2. No weights to exceed more than eight feet from the center of the rear axle forward.
3. Weights must not interfere with the sled or hooking to the sled.
4. Anything that is separated from the tractor while hooked to the sled and under a green flag will be cause for disqualification.

### Tires

1. No specials compound tires will be allowed.
2. No duel wheels, studded tires, or chains will be allowed.
3. No automotive tires.
4. Yard Stock Only – Tires not to exceed 26x12x12 unless larger tires came from factory.

5. Maximum garden tractor type not to exceed twelve inches in width. 24x13.50x12 tires are allowed.
6. Cutting of tires is permitted.
7. Must be OEM type tire.
8. Cepek, Pitbull, Lawntec, Vogel, Etc tires are only allowed in 60 Over, Pro Stock and Limited Outlaw Classes only.

#### Seats, Fenders, and Foot Rests

1. All seats must be securely mounted. Tip back seats must be secured so as not to tip back if the tractors front rises.
2. Mandatory three inch ridged backrest with no less than forty-five degree angle.
3. Fenders on all tractors to consist of a definite barrier between the tire and the back of operator's leg and feet.
4. All tractors must have foot pegs, pads or running boards to keep feet off of the ground and away from tires during a pull. The mid-frame is not acceptable. Feet must not touch the ground during a pull.

## Safety Equipment

All drivers must have enclosed foot protection and kids 15 and under must wear long pants and a helmet. Pro stock, LIMITED OUTLAW CLASS, .60 over and Stock Altered class if running alcohol in stock altered classes must wear long pants and helmets and fire suits. All helmets must be strapped and fire suits must be zipped.

#### Drive Lines

1. Shielding to be over belts, chains, flywheels or any moving parts including billet steel or aluminum flywheel. This is to prevent clothing from being caught in them and parts from flying into the spectators in case of breakage or parts failure.
2. Starter pulley must be steel or aluminum.
3. Must have a device to stop pulley from coming off.

#### Clutches

1. Shielding to be placed over all clutches. All tractors except stock will have acceptable flywheels and shielding.
2. Shielding 1/8<sup>th</sup> inch thick steel, 1/4<sup>th</sup> inch thick aluminum. 360 degrees around the clutch.

#### Kill Switches

1. Tractors must have working kill switches.
2. Kill switches must be in the rear end of the tractor and easily accessible.
3. Recommended when the kills switch is pulled it stops the electric fuel pump as well. Track officials may pull a kill switch before or after a pull this includes the sled operator; this is to check for proper operation only and will not be used to harass any one.
4. Diesel must have fuel dump valve, operator must be able to operate it and the sled driver must be able to pull it also.

#### Stabilizer Bars

1. All tractors will have stabilizer (wheelie) bars; a stock puller will be able to compete for one weekend without wheelie bars.
2. Drivers must wear a strapped helmet if there is no wheelie bars.
3. Pads or wheels on wheelie bars will be no more than five inches off of the ground. Pads or wheels will extend no less than five inches beyond the rear of the tires.
4. Wheelie bars must support the weight of the tractor to the heaviest class in which it will be competing.

Fire Extinguishers

1. It is recommended that all tractors carry a fire extinguisher.

### **Reasons for Disqualification**

1. Misrepresenting of a tractor.
2. Adding weights after weigh-ins.
3. Disobeying any of the rules in this book or announced rule changes.
4. Unsportsmanlike conduct on and off the track.
5. Adjusting the drawbar after being measured.
6. All disqualifications must be made at the time of occurrence.
7. Anything that is separated from the tractor while hooked to the sled and under a green flag.
8. Starting under a red flag.
9. Interfering with hook person.

### **Tear Down-must be in writing**

A fifty dollar tear down fee will be put up to tear down an engine. To do so you must compete in that class that day, the tractor must also be torn down that day. If the tractor is found legal the owner will receive the fifty dollars, but if the tractor is found illegal the protester will keep the fifty dollars and the owner will be disqualified for that event upon being found to be illegal. You must prove yourself to be legal and loose all points up to that date to be able to continue pulling with A.M.P.I. NO Exceptions. In order to request a tear down you must be a member of A.M.P.I

### **Stock Class**

1. All general rules apply.
2. All stock tractors will use a commercially built single cylinder flat head garden tractor type engine.
3. Stock appearing carburetor (1.200 maximum)
4. Stock Cam (.324 Lift 223 Duration)
5. Stock head, factory valve location.
6. Maximum tire size 26x12x12 except from factory, no professional pulling tires.
7. RPM will be checked with a club tachometer and by a club technician.
8. Must run on gas.
9. Must have factory shielding or equivalent.
10. Engines may be bored .030 overstock.
11. No other internal modifications.
12. All engines run 3800 RPM, one exception to this rule is for the 14hp and 16hp motors. They are allowed to run in the 12hp class but must run at 3200 RPM.

### **Stock Altered/Mod Stock Class**

1. All general rules apply.
2. Engines may be bored .030 overstock.
3. Stock stroke
4. Cams:
  - a. 8hp Mod Stock - .324 inches of lift 223 degrees of duration.  
Mod Stock Only
  - b. 10-14hp - .330 inches of lift.
5. Must have a steel flywheel.
6. Stock appearing carburetor (1.200 maximum)

7. Kohler block must maintain a cast iron intake runner.
8. Maximum one inch carburetor standoff or ram tube.
9. Single cylinder, flat head, four stroke, must maintain factory deck height. Stock crank, cam, Valve and valve locations.
10. Heads:
  - a. 8hp Mod Stock – Stock appearing head. Mod Stock Only
  - b. 10-14hp – May have any head.
11. Shielding: 1/8 inch steel ¼ inch aluminum. Shielding will run from the bottom of the cylinder to the bottom of the crankcase on both sides. On the front and rear on cross mounted motors. Shields must be bolted to the frame.
12. Tires not to exceed 26x12x12.
13. No Professional pulling tires.
14. No aftermarket blocks.
15. No external modification to the block, must maintain factory appearance.
16. All heads must be stripped with a permanently mounted metal bar.

### **.60 Over Class**

1. All general rules apply.
2. Aftermarket finned one piece blocks is allowed.
3. 16hp or less .060 overbore maximum, stock stroke.
4. Stock appearing carburetor. (1.200 Maximum)
5. Any cam, any head, any valves.
6. Single cylinder, flat head, four stroke must maintain factory deck height. Stock crank, cam and valve locations.
7. Kohler block must maintain a cast iron intake runner.
8. Must have a steel flywheel.

9. No external modifications to the block.
10. Ram tubes, three inch maximum allowed.
11. Must run on alcohol.
12. Shielding: 1/8 inch steel ¼ inch aluminum. Shielding will run from the bottom of the cylinder to the bottom of the crankcase on both sides. On the front and rear on cross mounted motors. Shields must be bolted to the frame.
13. Tires not to exceed 26x12x12.
14. Professional tires allowed.
15. All heads must be strapped with a permanently mounted metal bar.
16. All 60 Over drivers must wear helmets and fire suits, zipped and strapped.

### **Pro Stock Class**

1. All general rules apply.
2. Aftermarket one- piece blocks are allowed with a 50.5 cubic in maximum.
3. Must maintain factory head bolt pattern.
4. No external modifications to crank case.
5. Stock appearing carburetor (1.200 Maximum).
6. Any cam, any valves, any head.
7. Single cylinder, flat head, four stroke must maintain factory deck height. Stock Crank, cam and valve location.
8. Must run on alcohol.

9. Ram tubes allowed.
10. Must have a steel flywheel.
11. .Shielding: 1/8 inch steel ¼ inch aluminum. Shielding will run from the bottom of the cylinder to the bottom of the crankcase on both sides. On the front and rear on cross mounted motors. Shields must be bolted to the frame.
12. All heads must be strapped with a permanently mounted metal bar.
13. Tires not to exceed 26x12x12.
14. Professional tires allowed.
15. All pro stock drivers must wear helmets and fire suits, zipped and strapped. All pro stock drivers must operate their own tractor and drivers that are 12-15 years old must pass a test before driving a pro stock tractor. (They will be watched by the board members for the first three pulls).
16. No ½ pint style tractors.

#### **Limited Outlaw Class**

1. All general rules apply.
2. Engine Limitations.
  - a. Diesels: Maximum 2400cc, 4-Cycle, one turbo.
  - b. 4-Cycle Automotive: 2500cc single cam.
  - c. Single engine upto 2500CC Maximum 4 Cylinders.
  - d. Stock 2200 cc carberated twin cam allowed.
3. No Superchargers.
4. Engines running turbo's need head restraints at least 5/16" cable.
5. All turbo's maximum 2" inlet and 2" outlet measured at the wheel with 2 3/8" bolts in vertical position of exhaust installed at 90 degrees to each other.
6. Diesels require air shut off to kill engine or to keep it from building boost.
7. Billet steel or aluminum flywheel is required or a scatter blanket,or blow proof bell housing if running bell housing have to

run 1/4 inch block saver plate.

8. Maximum length is 8ft, maximum width center to center is 4ft.

9. Rear fenders must support driver's weight and cover 50% of rear tires.

10. Must at least 16 years of age to operate in the outlaw class.

11. Shielding: 1/8 inch steel ¼ inch aluminum. Shielding will run from the bottom of the cylinder to the bottom of the crankcase on both sides. On the front and rear on cross mounted motors. Shields must be bolted to the frame, has to cover the top of oil pan to bottom of the head full length of block.

12. Exhaust must discharge vertically.

13. Tires not to exceed 26x12x12

14. Max draw bar height of 13"

15. All exposed turbo's must be shrouded 360 degrees with minimum 1/16" steel except for inlet and outlet.

16. Automatic transmissions must have scatter blanket and reverse gear lockout.

17. No Inner Coolers.

18. All Harmonic balances have to either be SFI approved or 360 degree shielding & guarding bolt can't come out of crank shaft.

19. Wheelie Bars must include vertical push bar minimum of 10 inches to ground but can't interfere with hooking and unhooking.

20. All Limited Outlaw Class drivers must wear helmets and fire suits, zipped and strapped.

### **Sleds (A.M.P.I. Sled-8500 LBS. Rolling Weight)**

1. All sleds must have breaks on the wheels that are capable of stopping a runaway. Wheel and box breaks may be used together in a runaway situation for the break test.

2. All pans must be capable of following the contour of the track.

3. All pans must have backboards. If used in dirt tracks there must be stone reflectors attached. The minimum width of the pan with dirt guards is 8 feet.

4. All dirt pans must have spring loaded dirt guards 30 degrees forwards, buck boards to minimum of 2 feet in height from the ground.
5. Dirt guards should contact the ground and be flexible.
6. The front bottom (leading edge) of all pans must be rounded to prevent tire climbing.
7. All pans must connect to the sled to the rear center of the pan.
8. All sleds must have staging lights.
  - Red to show out of gear or inoperable
  - Green to show in gear and ready
  - Red must not be used in case the box tops out
9. All sleds must have two sets of stops on the top of the rails. Stops must be mounted independent of each other. At least one set must make contact with the box itself.
10. All sleds must have two sets of stops at the rear of the rails independent of each other with at least one set making contact with the box itself
11. All clutches must be of the automotive type (positive engaging pressure plate and disk type are recommended, dog type or finger clutches will not be allowed. If dog type or finger clutch is present it must be permanently locked in.
12. All hooking devices will be hooked to the center of the pan.
13. All hooking devices will be of chain with a minimum cross section width of 1/2 inch.
14. All hooking chains will be 36 inches plus or minus one inch from point of hook on tractor.

### **Board of Directors**

|               |                |
|---------------|----------------|
| Ron Conley    | President      |
| Bill Bahl     | Vice President |
| Robin Conley  | Treasurer      |
| Sharon Bahl   | Secretary      |
| Don Morrison  | Director       |
| Marv Champion | Director       |
| Bob Clary     | Director       |

### **Sled Drivers**

|               |              |
|---------------|--------------|
| Ron Conley    | Levi Heffner |
| Marv Champion | Kyle The     |
| Bill Bahl     | Don Morrison |

### **Tech People**

|               |              |
|---------------|--------------|
| Bill Bahl     | Dan Louis    |
| Robin Conley  | Don Morrison |
| Marv Champion | Bobby Burch  |
| Ron Burch     |              |

Please feel free to write about any suggestions or inquiries or information. Also visit our website [www.americanminipuller.com](http://www.americanminipuller.com).

**A.M.P.I**

**Ron Conley**

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