

# Loyal Mini Rodders

## Building & Pulling Rules & Regulations

### Building Rules

1. No portion of any tractor may exceed 8 feet forward from the center of the rear axle to the front most point.
2. The width of the tractor may not exceed 6 feet from the edge of the tire tread to edge of tire tread.
3. All power will be transmitted through the rear wheels of all tractors.
4. All tractors are required to have wide front ends with two wheels. The front wheels must track within any portion of the rear wheels.
5. All exhaust pipes must be projected upwards.
6. All tractors are required to have safety kill switches and neutral start switches. All kill switches must be mounted above the rear weights and must be within 6 inches parallel to the drawbar. **NO TRACTOR WILL BE ALLOWED TO COMPETE IF KILL SWITCH IS NOT WORKING PROPERLY.**
7. All tractors will be required to have skid pads. These pads should be able to support the entire weight of the tractor. The 3 inch square pads will be set a minimum 6 inches behind the rear most part of the tire to the rear most part of the pad and have a maximum height of 6 inches from the ground to the bottom of the pad.
8. **All tractors are required to use automotive pushrod engines only. This includes 4, 6, 8 cylinder engines. No motorcycle, snowmobile, garden tractor/lawnmower or overhead cam engines.**
9. Engines will be required to have side plates that go along the length of the block and up to the bottom of the head in order to keep internal engine components confined in case of breakage. 1/8<sup>th</sup> inch aluminum or 1/16<sup>th</sup> inch steel is the minimum requirement.

10. Engines will be required to have the damper pulley shielded with 1/8<sup>th</sup> aluminum or 1/16<sup>th</sup> inch steel with a strap across the front that is no less than 1/8<sup>th</sup> inch thick and 1 inch wide. If using a blow-proof balancer there is no need for the strap around but one must still be used in the front.
11. All tractors must run an original manufacturer driveline. All engines running a manual transmission will be required to have blow-proof bell housing. **NO SLIPPER-STYLE CLUTCHES ALLOWED.** Anyone running an automatic transmission will be required to use a safety blanket or SFI approved shield.
12. All open chains and or drive shafts will be shielded 180 degrees surrounding the top side. This shield must be at least 1/8<sup>th</sup> in thickness.
13. All open fans must be shielded with metal shields at least 1/16<sup>th</sup> thick across the top and down both sides. If the fan is in the horizontal position, it must be covered so that nothing could fall into it.
14. Hand throttles or foot feed is required. If hand throttle is used; it must push forward and when released, must return to idle on its own. (dead man throttle)
15. Tractors must be equipped with a roll cage. This must be at least 1½ inch diameter tubing .095 thickness consisting of at least two bars down each side connected across the top and two bars down the back. Cages must be securely fastened to tractor frame.
16. All tractors must be equipped with seat belts.
17. Tractors are required to have fenders that cover 1/3 of the face of the tire. Fenders will extend from the 12 o'clock to 3 o'clock position. Roughly 90 degrees of the upper front quarter of the tire.
18. Tire Sizes: All tractors will be required to have a Cordovan brand, multi mile series tire. These tires must be a LT tire no larger than 33x12.5x15. This is a required spec tire due to competition brand tires such as Mickey Thompson or Hoosier tires that are still considered street legal. No tire treatments or retreads are allowed. If new tires are to be purchased and

you cannot find the spec tire, please contact one of the club officials for help.

19. Tire Sizes: On dirt tracks, any size or style of tire may be used.
20. Tractor weights must not interfere with hook-up to the mechanical sled. Weights must be securely fastened.
21. All engines must be carbureted and naturally aspirated. This means absolutely no blowers, turbos or fuel injection of any kind.
22. No nitrous, methanol, or alcohol blends of any kind.(this includes E85). ALL FUEL IS SUBJECT TO TESTING.
23. Engine size is limited to 420 cubic inch.
24. A reverse safety light system is required on all tractors. A white light must be mounted at the rear of the tractor and must be active only when the vehicle is in reverse.
25. All mini-tractors that do not have required safety equipment will not hook to the sled. All tractors will be safety approved before hooking to the sled. THESE RULES ARE STRICTLY ENFORCED FOR THE SAFETY OF THE SPECTATORS AS WELL AS THE CLUB MEMBERS.

## Pulling Rules

1. Weight Classes: Dirt - 1850, 1900, 1950lbs  
Blacktop – 1750, 1850, 1950lbs
2. Tractors may be entered in as many classes as desired, but only once per class.
3. Age limit 16 years old (with parental consent) or older. Can pull at 14 but must be an active member along with parent for one year. After the year of membership, the nominee must be voted in by club to pull. (Must be an active paying member at 13 years old to be eligible to pull at 14.)

4. All mini-rods pulling the club sled must be member of the club. **ACTIVE** membership (pulling at least twice a year) is a \$20 one time tractor fee and \$10 per year membership fee for each year. **INACTIVE** membership (pulling less than twice a year) is \$20 per year for the tractor and \$10 per year for each driver.
5. **NO ONE** except the driver and officials can be on the track while the pull is in progress. If anyone is on the track while the green flag is up, the mini-rod they are associated with will be **DISQUALIFIED** from that class. The track consists from snow fence to snow fence or any other form of separation of crowd to track.
6. Maximum drawbar height is 13 inches on dirt and 12 inches on blacktop. Absolutely no floating hitches. Hitches must be solid with no movement while pulling.
7. Helmets are required and must be worn by all drivers when pulling.
8. Single layer fire suits are required for all drivers. Either a one-piece suit or two-piece consisting of pants and jacket are required.
9. When the engine on the mini-rod is running the driver must be sitting in the driver's seat at all times.
10. Tractor must be started by the time the sled arrives back at starting position. If the tractor does not start, that tractor will drop to last puller. On-deck puller has 5 min after the previous puller to get tractor up to sled. This time starts when sled is returned to the start line. The hook-up person is in charge of timing this. Pullers involved in a pull-off of the previous class have the option to drop to last pulling position of current class.
11. Driver must remain in seat at all times and at least one hand on the steering wheel while pulling.
12. Once the tractor is hooked to the sled and any breakage occurs to that tractor, no refund of entry fee for that class will be made. However, if the breakage occurs before 75 feet the driver will have the option to pull off the track and park along side of the sled to make repairs. Driver will have the opportunity to fix the problem in the time it takes for one pull to occur.

- 13. Drivers will be given a total of two tries to get the sled started.**
- 14. Tractors can pull up to the 75 foot mark before stopping and trying again. This rule does not apply in a pull off.**
- 15. If the safety switch pulls out more than twice while pulling, that tractor will be disqualified, unless caused by the sled.**
- 16. First puller after the eliminator is set will be the test puller in each class. This puller has the option to drop to third or last pulling position, if the driver opts to re-pull the second pull is measured. Decision to take or leave the first pull must be made before the tractor leaves the track.**
- 17. Shifting of gears, automatic or manual, is allowed as long as the forward motion of the tractor does not stop.**
- 18. Distance of pull, either spinout or power-out occurs, will be the point of measurement.**
- 19. Any part of the tractor going out of bounds on first pull is DISQUALIFIED, (out of bounds is any portion of the tractor touching the line or breaking the plan of the line) on pull-off, it is the point of measure. Flagman makes final decision.**
- 20. Anything falling off the tractor will disqualify the tractor for that class. In a pull-off the tractor drops to the bottom of the others in the pull-off. Points will be awarded for last place among tractors in pull-off.**
- 21. Any liquid spillage on usable surface, other than dirt, of track will result in a disqualification for that class. (This means until 300 feet or past 300 feet in the event of a floating finish.) In a pull-off the tractor drops to the bottom of the others in the pull-off. Points will be award for last place among tractors in pull-off.**
- 22. All decisions of officials are final. Officials consist of flagman, hook-up man, and eliminator operator.**

23. Officials have the right to weigh tractors before and/or after pulling.
  
24. Officials and fellow pullers have the right to disqualify any tractor driver for drinking alcohol. **NO ALCOHOL AT ALL ALLOWED ON THE TRACK.** No drinking by drivers until finished pulling for the day. If caught drinking you will not be allowed to pull for the day.
  
25. Officials have the rights to disqualify any tractor driver operating their tractor in an unsafe manner in the pits or on the track. **EXAMPLE:** Excessive speed, showing off or unsafe maneuvers.

***ALL TRACTORS AND DRIVERS MUST MEET ALL RULES IN ORDER TO COMPETE/HOOK TO LOYAL MINI RODDERS SLED. FAILURE TO MEET RULES WILL RESULT IN DISQUALIFICATION AND OR SUSPENSION FROM THE CLUB.***