

**Celebrating 36 years of World Championship
R/C Pulling and Monster Truck Racing!**

NR/CTPA



Rulebook
2025

**Official Dirt Pulling Rulebook of the
National Radio Control Truck Pulling Association**

Effective January 1st 2025

Foreward:

This rulebook is a culmination of many years. Over the years the hobby world has changed and consequently the rulebook continues to evolve. The rulebook is published yearly to remain abreast with current trends. The association uses all of its resources to ensure the rulebook remain consistent of current hobby trends. New rule book changes are noted with a underline noting change or addition of verbage.

The NR/CTPA Executive board welcomes comments and questions concerning the rulebook . Feel free to contact the board at:

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www.nrctp.org or

937-327-8238

Purpose: The purpose of the NR/CTPA is to promote radio controlled truck pulling, monster truck contests and to provide the rules and assistance to members and affiliated clubs.

Membership: Membership: \$20, dues required at World Championships. Membership includes one (1) vehicle entry at the World Championships.

Associate Membership: \$20.00 per year. This membership is for Hobby Stores only.

Club Membership: Club membership is a \$20 registration fee

Included: Access to Electronic Rule book and Newsletter subscription

The rules in this rulebook shall govern all competitions after January 1, 2025 and supersedes all previous editions. The NR/CTPA reserves the right to amend, change, or add to the rules according to changes affecting the hobby. All attempts will be made to keep the rules fair and equal for all participants.

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General Rules

These rules shall cover all classes of pullers and racers unless specifically noted.

1. All vehicles covered in this rulebook shall be radio controlled scale appearing cars, trucks or tractors and will have a body to resemble a car, truck, tractor, or full size vehicles. Vehicles must run in classes according to their factory production vehicle classification; i.e. 2wd factory production vehicle runs in 2wd classes, 4wd factory production vehicle runs in 4wd classes. The following classes are limited to run factory production vehicles only: Dirt Digger, 2WD Box Stock, 4WD Box Stock, Work Stock, Crawler and Modified Slash. 2wd and 4wd classes compete separately. Specifications for both 2wd and 4wd in each class appear on their respective pages of this rulebook. Differentials may be locked and ball bearings are acceptable in all classes, unless otherwise stated in individual class rules.
2. All classes are subject to any combination of pre and post competition Inspection with weigh in. Each vehicle must pass through tech and if found to be illegal, that vehicle is disqualified for that round.
3. (Track Official Inspection) Vehicle may be inspected at any time by the head track official and executive director if suspected of a violation. Anyone refusing to submit the vehicle in question for inspection will be disqualified from event and forfeit entry fees. If inspection is regarding specific motor or component and disassembly is required, the head track official and executive director must first notify the Event Competition Committee for further review. After review the owner of the motor or component in question must first provide proof of the legality to the Competition Committee. If the owner is unable to provide proof, the NR/CTPA will ask the owner at that time to disassemble the component in question. If the owner refuses request of disassembly, the vehicle in question will be disqualified. After inspection if the component is found to be legal per current rules, the NR/CTPA will refund the cost of component in question if warranted. Refund not to exceed current market value, not manufacturers suggested retail price. The ruling of the head track official is FINAL. In lieu of executive director absence, president shall appoint designee.
4. Tie Breaker:
 - Ties by competitors who did not achieve a minimum distance of 30'-0", will be broken by going to each tied competitor's previous longest distance for that event.
 - Pull Offs: Weight shall be added to the sled and all pull off competitors (vehicles whose furthest distance is a minimum of 30'-0")

will pull in their original order. They are each given one chance to hook. Longest distance will be declared the winner. This pull off scenario shall continue until a winner is determined. Floating finish lines are NOT allowed.

5. There can not be a protest against the Head Track official or their staff. Any complaints must be filed with the Executive Director. In lieu of Executive Director absence, President shall appoint designee.
6. Any Participant may request an inspection of a vehicle in his/her class, only one vehicle per round, and suspected rule violation must be put in writing and presented before the round ends. Participant must register his/her written complaint with the Competition Committee along with a \$30.00 protest fee in CASH. The owner of the vehicle in question will be notified of the complaint by a Competition Committee member. At that time the vehicle will be placed in impound designated by the Competition Committee. If disassembly is required the owner will do any disassembly requested by the Competition Committee, under the supervision of the Competition Committee. If the owner refuse's to do any disassembly that the Competition Committee requests, the Participant vehicle in question will be disqualified from the event, and forfeit the entry fees for all classes that vehicle is entered in. If the vehicle in question is found to be Legal, the owner of the vehicle will receive the \$30.00 protest fee. If the vehicle in question is found to be Illegal the \$30.00 protest fee will be returned to the person that filed the complaint. The vehicle in question if found Illegal, will have any current and past round's disqualified, and will not be allowed to run until rule disqualification has been resolved. If any Participant has been found to be Illegal twice in the same event, all entries by that Participant will be disqualified from the event, and the owner will forfeit all entry fees that have been paid.
7. No metal or fiber spikes, tire chains, or foreign material to be attached in any matter to or injected, inserted, placed into tires. Only legal items that can be placed inside tires is foam, tape or rubber. Liquid or chemical tire compounds are not permitted in any class. Only water may be used for cleaning, on the tires at any time.
8. All weights must be firmly attached. External weights (weights that are exposed to view during a run, i.e. suite case weights) must be of scale appearance and proportionate to that vehicle size. Weight boxes, replica fuel tanks, oil tanks, engines etc that are hollowed out to hide weight are not considered external weights. Weights may not extend more than ½ "past either edge of the body. Vehicles using a scale appearing tractor, mini rod, garden tractor or modified tractor body may exceed the width limit but no weights are to exceed the vehicles width. Weights may not exceed 3" in height. Weight bar and/or weights must

have a minimum of ¼" clearance when set on a table. All four wheels must contact the table surface. All electric motors and non-scale appearing weights must be located under the body, within weight box or within scale appearing props (as previously state i.e. scale appearing fuel tanks, oil tanks engines etc.) on the vehicle, unless otherwise indicated within individual class rules. Battery must be concealed, shall be placed in a fashion so it cannot be seen from either side, front, rear or top of vehicle. The body may be cut to allow for the wheel openings, exhaust, starter drive access and for clearance of oversized motor housings. Custom work is allowed. Unless it is listed differently in the class rules all dimensions include all of the vehicle components as it is to be competed with.

9. Any production R/C vehicle shall be reviewed by the NR/CTPA and approved for a particular class based on their review.
10. Experimental vehicles not specifically addressed by this rulebook are permitted to compete as exhibition only. The decision to allow these vehicles to compete in their own class is left up to the host club.
11. No automatic transmissions or transmissions that shift while in motion are allowed. The exception to this is 4WD Nitro
12. There will be no verbal or physical abuse directed towards any track officials, tech staff, or Competition Committee members by competitors or other officials. There will be no verbal or physical abuse directed towards any competitor by any officials or other competitors. No alcohol or drugs are allowed in the event area during competition hours. Anyone found to be soliciting drugs or alcohol to minors will be asked to leave. You will be disqualified from the event without refund. No exceptions. This will be decided by the event officials, Competition Committee, and/ or the Executive Board.
13. All cooling devices must be fully enclosed and securely mounted
14. No walking with the vehicle. The driver must stand in one spot any where along the track. You may not stand on the track surface. Any person taking more then one single step will be given a verbal warning upon first violation (one warning per person, per event), a second violation by that person will result in disqualification for that round (no distance recorded). The enforcement of this will be up to the event director. Exceptions may be granted for physical disability, (i.e. vision), or for building interference.
15. No truck maximum in pulling per person per class. This will be left up to the host club or the Event Director and announced prior to the event.

16. Pulling and racing vehicles can enter multiple classes. A single chassis cannot register in one class more than once. Entry fees must be paid per entered class and vehicle must meet all specific class rules.
17. All members will be expected to help in any way if asked at events if physically capable.
18. You may not tech your own vehicle or measure its distance in pulling.
19. All competition courses and/or tracks must be set up in a safe manner. This is for the safety of the participants, spectators, building & vehicles. If there is a track malfunction you can be awarded another run determined by the head track official you must run again immediately with no modifications.

Motor levels and rules

As you look through the rulebook you will see the following names used for motors. Please refer to these pages for definitions and clarifications of motor levels. Any variance of these rules will be listed in the class rules.

Stock: Deleted Section

Sport Modified: Deleted Section

Modified: Are to be motors that are brushed or brushless R/C motors. And can be of any size or price limit This level motor may have an adjustable end bell. This level of motors are allowed to have adjustable timing, modified or cut brushes, and ball bearings. The commutator is allowed to be machined. The output shaft is allowed to be shortened and/or have a flat spot machined in it. Drilling holes in the end-bells is allowed in order to cool motor. The Astroflight Pullmaster I and Pullmaster IV are allowed in this level until further notice.

540 Can Motor: Listed by manufacturer as a 540 Motor with a measured maximum diameter of 36.02 mm (1.42") and a maximum can length of 53.00 mm (2.09")

Battery Rules

Lithium chemistry (LiPo, LiHV & LiFE) batteries are allowed in all pulling and racing classes. Specific LiPo battery limitations will be outlined in pulling and racing class rules. LiPo batteries must be protected from puncture from all directions. Examples of accepted materials at lexan, aluminum, carbon fiber or the chassis itself. Hard cased LiPo batteries require no additional protection. No other form of protections will be allowed. When charging LiPo batteries , the battery must be in a reasonably safe charging receptacle.

Battery Mounting: Batteries and all electronics must be secured to vehicle chassis either by straps, Velcro, or other sturdy means. This equipment shall remain secured to the chassis and remain in place no matter what orientation the chassis is put in.

Concours

Concours judging aims to award the best looking and most realistic appearing pulling vehicle and monster truck entered in competition. The following are guidelines to ensure the Concours is fair and equitable for all participants.

1. No props such as mirrors stands etc.
2. No stacking of vehicles is allowed
3. Must run the same body in competition
4. Must run the same tires in competition
5. Must be a registered vehicle that competes in at least half of the event.
6. Vehicle must be displayed with others during concours to be eligible for awards
7. No obscene images or wording allowed.
8. May be scored by judges or done by participants choice.

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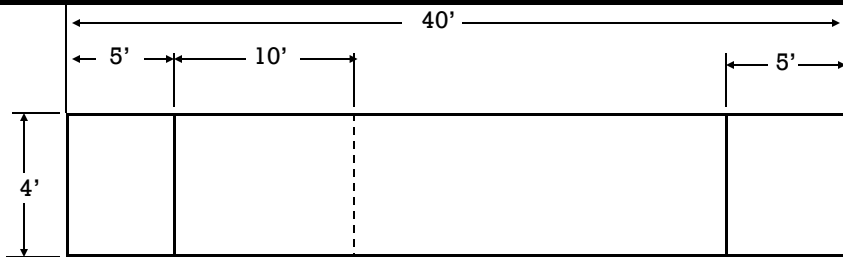
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Pulling track layout guide



- Length:
- 30 foot track
 - 5 foot pull back area
 - 5 foot runoff area
 - 40 foot total length
 - 10 foot default line. Measured from the starting line

Pulling General Rules

- The first puller, on dirt, in round one only, in every class can decline the pull no matter the outcome of the pull (i.e. disqualification etc). Puller has the choice to run immediately, or last in the class for the first round only.
- Every puller has the option to restart his/her pull if for any reason the front of the sled reaches the 10 foot default line in round 1 only, one extra pass only. If this option is taken you must re-hook immediately you may adjust your vehicle.
- You will be allowed two minutes to start your pull once the Track Official calls you to the track. The exception to the two minute limit is if the participant is required at another track.
- If your vehicle does not make it off the line, you will have the opportunity to make vehicle adjustments on or off the track. When pre-tech is used, if you make any changes to the vehicle, the vehicle must have re-inspection by tech officials before second attempt is made. If vehicle leaves the track surface for repairs, you will be rotated down in the field and if you are the last puller you will have five minutes to return or you will be disqualified for that round. The repair procedure will be announced at the drivers meeting.
- Once the sled weight is set it must remain until the pulloffs.
- The order of pullers in each class may be determined by the order of

registration. Random drawing at the event is preferred. This is up to the host club or Event Director.

3. Start and finish of each pull shall be determined by an official starter using an audible or visual signal such as a whistle, flags, and lights. The type of signal will be announced at the drivers meeting.
4. All sleds are to be chain drive except for the Digger class may use a string drive sled. Sleds are not allowed to lock up before the finish line. The pull chain will be 8" long and attached to the center of the skid plate no higher than $\frac{3}{4}$ " above the track surface. The length of the pull chain is measured from the skid plate to the inside of the hook. No twisting of the chain is permitted. All sleds used for fuel propelled vehicles shall have a second chain or strap firmly attached to hook to vehicles using a tether or kill switch. Distance pulled will be considered the distance the sled is pulled down the track. All sleds will have an indelible mark in which to measure to. The mark will be on the center of the front of the skid plate. This point will be known as the "zero" point. The front of the sleds skid plate is "front" of the measurement point. The distance can be measured using the front of the skid plate or may be measured using two points in which to measure. For example the distance can be measured using the back of the sled as long as the zero point is known when the front of the skid plate is on the starting line. Or when using the laser system when measuring.
5. If the pulling sled malfunctions at any time during a pull, that pull will be null and void. The participant will be allowed to recharge the batteries and re-pull at a time determined by the track officials. Sled malfunctions will only be determined by the track officials.
6. If any of the following happen during a run. The run will result in a disqualification for the round and no distance will be recorded. If any of this happens after a full pull distance is recorded, the run will still be legal. If this happens during round one and you are the test puller, or you did not record a distance greater than 10 feet on your first attempt you may rerun as noted in paragraph 1b:
 - If any item falls off of the vehicle
 - The vehicle flips over, backwards or on its side
 - Overhead smoke system falls off during the run
7. The vehicle will be disqualified if any part of the vehicle touches the out of bounds marks (or wall) before the full pull mark (30 ft). Out of bounds is only measured to the full pull mark (30 ft). There is no DQ for any vehicle that has passed the 30' mark and touches. The sled does

not count. If this happens after a full pull distance is recorded, the run will still be legal. If this happens during round one and you are the test puller, or you did not record a distance greater than 10 feet on your first attempt you may rerun as noted in paragraph 1b.

9. Intentional jerking of the pulling sled will disqualify the vehicle for that round. Intentional jerking will be determined by the Head Track Official.
10. The only person allowed in the track area once the vehicle has started its pull shall be the driver and Track Official. No assistance is permitted, either verbally or through hand signals in the direction of the vehicle. Pit crew will be allowed to assist with the vehicle in the hooking, unhooking, turning on, turning off, and adjustments only. This shall include helping the driver prepare the vehicle to make its run especially in the larger classes, which are more dangerous. The Pit Crew must leave the prior to the pull starting. Any violation will result in a disqualification of the vehicle for that round. Violations will be determined by the Track Official. Participants with disabilities and children under ten will be an exception to this rule.
11. For indoor events when an exhaust elimination system is used, all vehicles must be able to adapt to the exhaust system. The vehicle's exhaust must exit upward more than 45 degrees from the track surface toward the smoke elimination system. While the vehicle will not be attached to the smoke system, the exhaust must exit upward in order for the smoke system to catch the fumes (this rule is for the big exhaust system)

for the NR/CTPA system:

For indoor events when the NR/CTPA exhaust elimination system is used, all vehicles must be able to adapt to the exhaust system. The current exhaust system has a 4 inch hose that hangs over the vehicle. The vehicle is required to attach to that hose. The attachment need not be air tight but is required to direct exhaust into the hose. If the exhaust hose falls off that run is DQed.

12. Fuel for gasoline vehicles may be any octane. The gasoline may not contain any additives other than the two cycle engine oil. All of the fuel shall be contained within the fuel system. Fuel cell must be securely attached to the chassis of the vehicle and must remain secured to chassis no matter what orientation the chassis is put in.
13. All electronics must be secured to vehicle chassis either by straps, Velcro, or other sturdy means. This equipment shall remain secured to the chassis and remain in place no matter what orientation the chassis is put in.

Digger

Weight	Motor Level	Drive	Length	Battery	Surface
3 lbs	Modified	2WD	Stock	2s lipo	Dirt

- Motor:** Maximum of one **Modified** motor. Refer to Page 6 for additional information.
- Battery:** 2s lipo. Refer to Page 6 for additional information.
- Chassis:** Must be in stock configuration. Parts may be missing. Holes may be drilled for body mounts only. All unused non-factory holes must be filled with epoxy so as to maintain factory weight. Aluminum hubs are allowed
- Tires:** Rear Tire: Maximum tire tread diameter of 3 1/2". Maximum tire tread width of 2".
Front Tire: Minimum front tire diameter of 1 3/8".
- Weight:** Maximum weight is 3 lbs.
- Dimensions:** Maximum vehicle width is 9 inches.
- Wheelbase:** Wheel base is 8 inches and stock for this vehicle.
- Hitch:** Hitch is the wheelie bar. Rollers may be added for horizontal adjustment. The aluminum bar may be replaced with a plastic bar.
- Body:** Factory replacement body or any 1/12 scale body. The body is to be the furthest item forward.
- Additional:** Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

2WD Box Stock

Weight	Motor Level	Drive	Length	Battery	Surface
6 lbs	See below	2WD	19 inches	2s lipo	Dirt

Motor: Maximum of one **Modified** motor. Refer to Page 6 for additional information.

Battery: 2s Lipo Refer to Page 6 for additional information.

Chassis: Any factory production 2WD R/C vehicle is allowed (factory production R/C pulling vehicles are not permitted) No pinion gear or other gear changes allowed. No additional gears or gearboxes are permitted. No modification of gear cases are permitted. Bearings are allowed (vehicle only) Suspension must remain original for that vehicle and cannot be locked. Differentials must be original for that vehicle and can not be locked. No “aftermarket differentials” will be permitted.

Tires: Tires must be original size for that vehicle. Any tread type will be permitted. Tires may not be cut. Dual wheels are not permitted. Tire chains, added spikes, pins, etc. are not permitted.

Body: Any scale appearing body is allowed.

Weight: Maximum vehicle weight is 6 lbs. All counterweights must be under body.

Hitch: 2 inch Maximum hitch height. The hitch must be mounted in such a way as not to permit any movement. Adjustable hitches are allowed but must be locked when pulling

Dimensions: Maximum vehicle length of 19 inches. Maximum vehicle width is 13 inches. Dimensions include all parts, body hitch, etc. of the pulling vehicle. Length and width must be stock for that vehicle.

Additional: Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Garden Tractor

Weight	Motor Level	Drive	Length	Battery	Surface
4 lbs	Modified	2WD	12 inches	See below	Dirt

- Motor:** Maximum of one **Modified** motor. Refer to Page 6 for additional information.
- Battery:** 2S LiPo. Refer to Page 6 for additional information.
- Chassis:** May be factory production or scratch built.
- Tires:** Rear Tire: Agricultural Bar tread type only. Bar may be cut. Maximum tire tread diameter of 4". Maximum tire tread width of 2 3/4".
Front Tire: Minimum tire tread diameter of 1".
- Weight:** 4 lbs maximum.
- Dimensions:** Maximum vehicle length of 12 inches. Length is measured from the rearmost part of the hitch to the furthest point forward.
- Wheelbase:** Maximum of 9 inches.
- Hitch:** Maximum hitch height of 4 inches.
- Body:** Will have the appearance of a scale stock or modified garden tractor. No other body types will be accepted.
- Wheelie Bar:** Vehicle may have wheelie bars. The wheelie bars may not extend more than 2 inches past the rearmost portion of the hitch. Wheels may be replaced with skid pads.
- Other:** A maximum of one gear drop. This is the drop from the motor pinion to the rear axle spur gear.
- Additional:** Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Modified Slash

Weight	Motor Level	Drive	Battery	Surface
7 lbs	Modified	2WD	See below	Dirt

- Motor:** Maximum of one **Modified** motor. Maximum motor diameter 40 mm (1.57"). Refer to Page 6 for additional information.
- Battery:** 2S LiPo, 6,000 MAH Maximum, 120 C Maximum Discharge Rating. Refer to Page 6 for additional information.
- Chassis:** Stock 2wd Slash or LCG Slash only, Traxxas model numbers; 5832, 5832A, 5832G, 5822, 5822A
- Front and Rear A-Arms, Direct 2wd Slash or Bandit parts.
 - All other chassis parts must be stock or direct replacement 2WD Slash parts or aluminum replacement parts.
 - Suspension may be locked.
 - NO 4WD Slash conversion to 2WD allowed.
 - No Wheelie Bars
- Gearbox:** Must be stock or direct replacement. No reversed or mid mount. Slipper may be locked or removed.
- Tires:** Rear Tire: Agricultural Bar tread type only. Bar may be cut. Maximum tire tread diameter of 4.5". Maximum tire tread width of 2 3/4".
- Dimensions:** Overall Maximum dimensions 25.5" Length, 14" Wide. Wheelbase must be between 12.5 and 13.5 inches.
- Hitch:** Maximum hitch height of 3". Hitch must be mounted at rear of transmission behind motor.
- Body:** Any scale appearing body.
- Weight:** 7 lbs maximum. No Exposed weight
- Additional:** Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt 2WD Truck

Weight	Motor Level	Drive	Length	Battery	Surface
7 lbs.	Modified 540 Can	2WD	19 inches	See below	Dirt

Motor: Maximum of one ***Modified*** 540 can motor. Refer to Page 6 for additional information.

Battery: 2S LiPo , 5,000 MAH Maximum, 100 C Maximum discharge rating. Refer to Page 6 for additional information.

Chassis: May be scratch built or a combination of kit components. May be built with any of the following: Steel, aluminum, fiberglass, or plastic.

Tires: Rear Tire: Agricultural Bar tread type only. Bar may be cut. Maximum tire tread diameter of 4.5". Maximum tire tread width of 2.75".

Weight: Maximum vehicle weight is 7 lbs.

Dimensions: Maximum length is 19 inches. Maximum width is 9 inches. The furthest point forward from the centerline of rear axle shall be no further than 15 inches.

Wheelbase: Maximum wheelbase of 11 ½ inches.

Hitch: 2 .5 inch maximum hitch height.

Body: Must use a truck, van or car body only. All components must be under the body. Front tires must be in wheel opening. "Rear Tires can protrude 1" on either side of the body, but must stay within the 9" width.

Additional: Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt Pro Stock Tractor

Weight	Motor Level	Drive	Length	Battery	Surface
10 lbs	Modified	2WD	19 inches	See below	Dirt

- Motor:** Maximum of one ***Modified*** motor. Refer to Page 6 for additional information.
- Battery:** 2S LiPo Refer to Page 6 for additional information.
 Battery shall be placed in a fashion so that it can not be seen from either side, front, rear or top of the tractor.
- Chassis:** Chassis may be scratch built or combination of kit components.
- Tires:** Rear Tire: Agricultural Bar tread type only. Bars may be cut. Maximum tire tread diameter of 7". Maximum tire tread width of 4 1/2".
- Weight:** Maximum tractor weight is 10 lbs. Any visible weight must be scale suitcase weights. These weights are allowed to stick out past the body within the maximum tractor width.
- Dimensions:** Maximum over all length is 19 inches. Maximum tractor width is 14 inches. Maximum tractor length is 18 ¾ inches. The wheelie bars may be ¼ inch past the rearmost part of the tractor. The furthest point forward shall be no further than 15 ½ inches from the center of rear axle.
- Wheelbase:** Maximum wheelbase is 11 ½ inches.
- Hitch:** Maximum hitch height of 2 inches.
- Body:** Must be a 1/10 scale Pro-stock or Super-stock Farm tractor body. Any make, model and year are allowed. Tractor may be built to resemble a four wheel drive tractor but must remain two wheel drive. Tractor must have fenders of some type. It is suggested, not required that the tractor should smoke, have a driver and a transmission blanket for realism.
- Front axle:** Front axle may be tricycle type with single or double tires. Front axle may also be a solid or pivoting type axle.
- Other:** Wheelie bars are suggested but not required. If wheelie bars are used, the wheels maybe removed and/or replaced with skid pads.
- Additional:** Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt Heavy Super Stock Tractor

Weight	Motor Level	Drive	Length	Battery	Surface
12 lbs	Modified	2WD	19.5 inches	3s lipo	dirt

- Motor:** Maximum of one **Modified** motor. Refer to Page 6 for additional information.
- Battery:** 3 S LiPo, Refer to Page 6 for additional information.
- Chassis:** Chassis may be scratch built or a combination of kit components. 2WD only.
- Tires:** Rear Tire: Agricultural Bar tread type only. Bars may be cut. Maximum tire tread diameter of 7". Maximum tire tread width of 4 1/2".
- Weight:** Maximum tractor weight is 12 lbs. Any visible weight must be scale suitcase weights. These weights are allowed to stick out past the body within the maximum tractor width.
- Dimensions:** Maximum over all length is 19 1/2 inches. Maximum tractor width is 14 inches. The furthest point forward shall be no further than 15 1/2 inches from the center of the rear axle.
- Wheelbase:** Maximum wheelbase is 11 1/2 inches.
- Hitch:** Maximum hitch height will be 3".
- Body:** Must be a Pro-Stock or Super-Stock farm tractor body. Any make, model and year are allowed. Tractor may be built to resemble a 4 wheel drive tractor but must remain 2 wheel drive. The tractor must have fenders of some type. Body can be slightly smaller or larger than true 1/10 scale, this will allow for a wider variety of tractors to be used. Size must look appropriate for wheelbase.
- Additional:** Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt Sportsman

Weight	Motor Level	Drive	Length	Battery	Surface
10 lbs	Modified	2WD	24 inches	See below	Dirt

Motor: Maximum of one **Modified** motor. Refer to Page 6 for additional information.

Battery: 2S LiPo Refer to Page 6 for additional information.

Chassis: May be scratch built or a combination of kit components. May be built with any of the following; Steel, aluminum, fiberglass, or plastic.

Tires: Rear Tire: Agricultural Bar tread type only. Bars may be cut. Maximum tire tread diameter of 7". Minimum tire tread diameter of 3". Maximum tire tread width of 4 1/2".

Weight: Maximum vehicle weight is 10 lbs.

Dimensions: Maximum vehicle length is 24 inches. Maximum vehicle width is 16 inches.

Hitch: Maximum hitch height is 4 inches

Body: Must be a complete scale appearing truck, altered, T Bucket, tractor, car or modified tractor with scale appearing engine/ engines, turbines etc. Body can be made out of lexan, balsa, metal, wood, plastic etc. Vehicle must resemble regional, grand national, PPL, NTPA, Outlaw, TNT or European scale appearing entry. Competitors are encouraged to meet rules immediately but will not be required to meet rule until January 1, 2027.

Additional: Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt 2WD Pro Modified Electric

Weight	Motor Level	Drive	Length	Battery	Surface
10 lbs	Modified*	2WD	See below	3s lipo	Dirt

Motor: Maximum of one ***Modified*** Motor. Refer to Page 6 for additional information.

Battery: 3S LiPo . Refer to Page 6 for additional information.

Chassis: Chassis may be scratch built or combination of kit components.

Tires: Rear Tire: Agricultural Bar tread type only. Bars may be cut. Maximum tire tread diameter of 5 1/2". Maximum tire tread width of 3 1/4".

Front Tire: Minimum front tire tread diameter is 2".

Weight: Maximum vehicle weight is 10 lbs.

Dimensions: Maximum vehicle length is 18 inches. This is to be measured from the center of the axle to the most forward part of the vehicle.

Wheelbase: Maximum wheelbase is 12 ½ inches.

Hitch: Maximum hitch height is 4 inches.

Body: Must use a truck, van or car body only.

Additional: Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt 2WD Open I

Weight	Motor Level	Drive	Length	Battery	Surface
15 lbs	Modified	2WD	24 inches	4s lipo	Dirt

Motor: Maximum of one **Modified** motor. Refer to Page 6 for additional information.

Battery: 4S LiPo. Refer to Page 6 for additional information.

Chassis: May be scratch built or a combination of kit components.

Tires: Rear Tire: Agricultural Bar tread type only. Bars may be cut. Maximum tire tread diameter of 7". Maximum tire tread width of 4 1/2".

Weight: Maximum vehicle weight is 15 lbs

Dimensions: Maximum vehicle length is 24 inches. Maximum vehicle width is 16 inches.

Hitch: Maximum hitch height of 4 inches.

Body: Must be a complete scale appearing truck, altered, T Bucket, tractor, car or modified tractor with scale appearing engine/ engines, turbines etc. Body can be made out of lexan, balsa, metal, wood, plastic etc. Vehicle must resemble regional, grand national, PPL, NTPA, Outlaw, TNT or European scale appearing entry. Competitors are encouraged to meet rules immediately but will not be required to meet rule until January 1, 2027.

Additional: Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt Big Rig

Weight	Motor Level	Drive	Length	Battery	Surface
7 lbs.	Modified	Tandem	20 inches	See below	Dirt

Motor: Maximum of one Modified motor. Refer to Page 6 for additional information.

Battery: 2S LiPo, Refer to Page 6 for additional information.

Chassis: May be scratch built or a combination of kit components. May be built with any of the following: Steel, aluminum, fiberglass, or plastic.

Tires: All drive tires must be the same size and style
One TL/T or RC4WD Giant Puller 1.9" pulling tire only. Tires may be cut. Must have 4 drive tires OR
Two DOT street style tread type tires, 4.19 dia maximum tread diameter, tread width of both tires not to exceed 3". Must be mounted on a 1.9 or smaller wheel. No agricultural bar tread tires. Tires cannot be sharpened clipped or modified. Must have total of 8 drive tires.

Weight: Maximum vehicle weight is 7 lbs.

Dimensions: Maximum vehicle length is 20 inches. Maximum vehicle width is 11 inches.

Wheelbase: No limit on the overall wheelbase except within the vehicle dimensions and body limitations. The rear axles are to be maximum of 4 ½ inches apart, center of axle to center of axle.

Hitch: Maximum hitch height of 4 inches.

Body: Must be an 18 wheeler body. Tires must be located in the factory wheel openings. All components must be under the body. Rear tires do not have to be covered by body or fenders

Other: This class is to be tandem axle four wheel drive. The front axle must be fixed. No hinged or pivoting axles. The front axle is not to be driven.

Additional: Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt Modified Big Rig

Weight	Motor Level	Drive	Length	Battery	Surface
10 lbs.	Modified	Tandem	24 nches	3s lipo	Dirt

- Motor:** Maximum of one Modified Motor. Refer to Page 6 for additional information.
- Battery:** 3S lipo, Refer to Page 6 for additional information.
- Chassis:** Chassis may be scratch built or a combination of kit components
- Tires:** All drive tires must be the same size and style
One TLT or RC4WD Giant Puller 1.9" pulling tire only. Tires may be cut. Must have 4 drive tires OR
Two DOT street style tread type tires, 4.19 dia maximum tread diameter, tread width of both tires not to exceed 3". Must be mounted on a 1.9 or smaller wheel. No agricultural bar tread tires. Tires cannot be sharpened clipped or modified. Must have total of 8 drive tires.
- Weight:** Maximum vehicle weight is 10 lbs. No weights can be mounted in front of the bumper
- Dimensions:** Maximum vehicle length is 24 inches to be measured to the rear most part of the hitch to the front bumper. Maximum vehicle width is 10 inches overall length not to exceed 26 inches.
- Wheelbase:** No limit on the overall wheelbase except within the vehicle dimensions and body limitations. The rear axles are to be a maximum of 4 1/2 inches apart, center to center to center of the axles.
- Hitch:** Maximum hitch height is 3.5 inches.
- Body:** Any scale appearing big rig body is allowed but no larger than 1/10th scale.
- Other:** This class will be any drive type. Examples of the drive types are: chain drive, direct shaft, drive shaft, gear and belt drive No rear steer axles allowed or front wheel drive allowed all drive wheels must be at the rear of the truck
- Additional:** Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle requirements

Dirt Crawler

Weight	Motor Level	Drive	Length	Battery	Surface
8 lbs.	Brushed or Brushless	4WD	Stock	See below	Dirt

- Motor:** Maximum of one Modified Brushed or brushless motor. Refer to Page 6 for additional information.
- Chassis:** Any 1/10th scale 4WD crawler/scaler kit
- Battery:** 2s lipo. Refer to Page 6 for additional information.
- Weight:** 8# max.
- Hitch:** Hitch is at the frame rails or below.
- Suspension:** Must have working suspension on all four corners.
- Tires:** Tires must be street or trail type tires, no Agricultural Bar tires.
- Body:** Any Scale appearing truck, van, jeep or car body.
- Other:** All weights must be under the body.
- Additional:** Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements .

Dirt Work Stock

Weight	Motor Level	Drive	Length	Battery	Surface
8.5 lbs.	Modified	4WD	22 inches	2S lipo	Dirt

- Motor:** Maximum of one Modified Motor. Refer to Page 6 for additional information.
- Battery:** 2s lipo. Batteries must be concealed. Refer to Page 6 for additional information.
- Chassis:** Chassis may be any FACTORY PRODUCTION automotive style, ladder frame chassis (aluminum, steel or plastic) custom manufacturer's chassis' prohibited.
- Suspension:** FACTORY PRODUCTION style front and rear suspension required (leaf spring, coil spring or torsion type) rear axle can be locked or rigidly mounted. Front shocks must be mounted to the front axle in the stock location.
- Transmission:** Any FACTORY PRODUCTION transmission permitted. No homemade transmissions.
- Axles:** Any scale appearing solid drive axles.
- Tires** Any street tread DOT style tire permitted, not to exceed 4.19 inches in tread diameter (teched by NR/CTPA Official Clearance Gauge) and maximum of 1.62 inches in **tread** width. Must be mounted on a 1.9 inch diameter or smaller wheel. Dual wheels are permitted on the rear only. No agricultural bar type tires. Tires cannot be sharpened, clipped or modified.
- Weight:** Maximum Truck weight is 8.5lbs. Any visible weight must be scale appearing.
- Dimensions:** Furthest point forward from centerline of rear axle can not exceed 18". Maximum width is 12.5 inches. Front weights or weight box not to exceed 5 1/2 inches from the center line of the front axle to the furthest point forward.
- Wheelbase:** Maximum wheelbase is 12 1/2 inches.
- Hitch:** Maximum hitch height is 2 1/2 inches. Rear edge of hitch hole is to be no less than 2 1/2 inches from the center line of the rear axle.
- Body:** Any scale appearing pick-up truck style with open type bed bodies only, NO SUV.
- Additional:** Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt 4WD Pro Modified

Weight	Motor Level	Drive	Length	Battery	Surface
10 lbs	Modified	4WD	24 inches	See below	Dirt

Motor: Maximum of one *Modified* motor. Refer to Page 6 for additional information.

Battery: 2S LiPo . Refer to Page 6 for additional information.

Chassis: Chassis may be scratch built or combination of kit components.

Tires: Agricultural Bar tread type only. Bars may be cut. Maximum tire tread diameter of 4 1/2". Maximum tire tread width of 2 3/4". Maximum of four tires

Weight: Maximum vehicle weight is 10 lbs.

Dimensions: Maximum vehicle length is 24 inches. Maximum vehicle width is 11 ½ inches. The furthest point forward from the centerline of rear axle shall be no further than 20 inches.

Wheelbase: Maximum wheelbase is 11 ¾ inches.

Hitch: Maximum hitch height is 2.5 inches.

Body: Any scale appearing body is allowed. Wheels must be fit in the body wheel openings.

Other: This class will be any drive type trucks. Straight direct shafts allowed. Examples of the drive types are; chain drive, direct shaft, and belt drive.

Additional: Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt 4WD Modified 12# Truck

Weight	Motor Level	Drive	Length	Battery	Surface
12lbs	See below	4WD	24 inches	See below	Dirt

- Motor:** Maximum of one *Modified* motor. Refer to Page 6 for additional information.
- Battery:** 3s LiPo . Refer to Page 6 for additional information.
- Chassis:** Can be factory production or a scratch built unit. Any gearbox or combination of gear reduction units can be used.
- Tires:** Agricultural Bar tread type only. Bars may be cut. Maximum tire tread diameter of 4 1/2". Maximum tire tread width of 2 3/4". Maximum of four tires
- Weight:** Maximum vehicle weight is 12 lbs.
- Dimensions:** Maximum length will be 24 inches, measured from the rear of the hitch to the most forward part of the truck.
 Maximum wheel base will be 13 ½ inches.
 Maximum width 12 1/2".
 Maximum distance for hanging weight will be 6 inches from center line of front axle forward. No part of the truck will be any further ahead.
- Hitch:** Maximum hitch height will be 2.5 inches. Truck must balance on its own. Hitches will be measured with no assistance to hold rear down.
- Body:** Must be a 1/10 or 1/8 scale truck or van body. No tractors allowed. Wheels must fit in opening Scale appearing as close as possible is preferred
- Additional:** Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt 4WD Box Stock

Weight	Motor Level	Drive	Length	Battery	Surface
14lbs	Modified	4WD	19 ½ inches	See below	Dirt

- Motor:** Maximum of two **Modified** motors. Refer to Page 6 for additional information.
- Battery:** 2s liPo . Battery must be in stock location with battery box. Battery covers and holders maybe removed to allow for a 7 cell battery pack. Refer to Page 6 for additional information.
- Chassis:** The chassis, gearbox and suspension must be original for that vehicle. Minimum pinion size is an 8 tooth 32 pitch and must be visible. Motor swing adapters are allowed. No additional gearboxes are permitted. Suspension may be locked at each wheel only. Aluminum steering mechanisms and gearbox braces are allowed. Rear wheel steering may be locked. Steering servo may be used and may be relocated. A ¼ scale steering servo is allowed. USA is allowed to use replacement dog bones from an R/C manufacturer. Items not related to the suspension may be removed. All stock suspension must be present and that includes the shocks.
- Tires:** All four tires must be of the same size and stock for that vehicle. Bar tires only. No street or foam tires. Cutting of tires is not allowed. Stuffing of tires is allowed.
- Weight:** Maximum vehicle weight is 14lbs. No weight past the front bumper.
- Dimensions:** Maximum vehicle length is 19 ½ inches. Maximum vehicle width is 16 inches.
- Wheelbase:** Must be original for that vehicle.
- Hitch:** Maximum hitch height of 4 inches.
- Body:** May be changed to lexan but must resemble a real type truck. For example a Ford, Chevy, or Dodge ½ or ¾ ton pickup truck.
- Electronics:** An ESC is allowed.
- Other:** This class is limited to factory production dual-motored 4WD vehicles.
- Additional:** Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt Light Super Stock Tractor

Weight	Motor Level	Drive	Length	Hitch	Surface
8 lbs	Nitro	2WD	19.5 inches	3"	dirt

- Motor:** One Traxxas brand 2.5 or 3.3 nitro engine only.
- Chassis:** Can be factory production or a scratch built unit Any gearbox or combination of gear reduction units can be used. 2WD only
- Tires:** Rear Tire: Agricultural Bar tread type only. Bar may be cut. Maximum tire tread diameter of 7". Maximum tire tread width of 3.4".
Front Tire: Minimum tire tread diameter of 2".
- Weight:** Maximum tractor weight is 8lbs. Any visible weight must be scale suitcase weights. These weights are allowed to stick out past the body within the maximum tractor width.
- Dimensions:** Maximum overall length will be 19 1/2". Maximum wheelbase will be 11 1/2". To be no more than 15 1/2" from the centerline of the rear axle to the furthest point forward. Maximum width will be 12"
- Wheelbase:** Maximum wheelbase is 11 1/2 inches.
- Hitch:** Maximum hitch height will be 3".
- Body:** Body must resemble a full size pro-stock or super stock tractor. Body can be slightly smaller or larger than true 1/10 scale, this will allow a wider variety of tractors to be used.
- Additional:** Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt 2WD Pro Modified Nitro

Weight	Engine Level	Drive	Length	Fuel type	Surface
10 lbs	.15 Nitro	2WD	See below	Nitro	Dirt

Power Plant: Maximum of .15 cubic inch nitro engine.

Chassis: Chassis may be scratch built or combination of kit components.

Tires: Rear Tire: Agricultural Bar tread type only. Bar may be cut. Maximum tire tread diameter of 5 1/2". Maximum tire tread width of 3 1/4".

Front Tire: Minimum tire tread diameter of 2".

Weight: Maximum vehicle weight is 10 lbs.

Dimensions: Maximum vehicle length is 18 inches. This is to be measured from the center of the axle to the most forward part of the vehicle..

Wheelbase: Maximum wheelbase is 12 ½ inches.

Hitch: Maximum hitch height is 4 inches.

Body: Must use a truck, van or car body only.

Additional: Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt 2WD Nitro

Weight	Engine Level	Drive	Length	Fuel
15 lbs	.30 Nitro	2WD	18 inches	Nitro

Power Plant: One two stroke nitro engine with a maximum displacement of .30 cubic inches. Engine is to be mounted in the front 50% of vehicle. Must have a store bought tuned exhaust pipe. No straight pipes are allowed.

Chassis: Chassis may be scratch built or a combination of kit components.

Tires: Rear tires are to be Tamiya “Wild Willies, Lunchbox, or Midnight Pumpkin” type tires only. Tires may be cut. Steer tires are to be a minimum of 1 3/8 inch in diameter.

Weight: Maximum vehicle weight is 15 lbs.

Dimensions: Maximum vehicle length is 18 inches from the center of the rear axle to the furthest point forward. Maximum width is 9 5/8 inches.

Wheelbase: Wheelbase must fit under body.

Hitch: Maximum hitch height is 4 inches. The hitch hole is to be located no closer than 1.8 inch behind the rear axle as measured from the center of the axle to the rear of the hitch hole. Vertical holes that require the sled hood to be hooked horizontally are not permitted.

Body: Any scale appearing body is allowed.

Additional: Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt 4WD Nitro

Weight	Engine Level	Drive	Length	Fuel
10 lbs	.2.5-3.3 Traxxas	4WD	From center of rear axle 19.5	Nitro

Powerplant: Maximum of one Traxxas brand 2.5 or 3.3 nitro engine.

Chassis: Chassis may be scratch built or combination of kit components. No gearbox limitations. Shifting gear boxes are allowed.

Tires: Agricultural Bar tread type only. Bar may be cut. Maximum tire tread diameter of 4". Maximum tire tread width of 2 3/4". Maximum of four tires.

Weight: Maximum vehicle weight is 10 lbs.

Dimensions: The furthest point forward from the centerline of the front axle shall be no further than 6 inches. Maximum vehicle width is 12 ½ inches. The furthest point forward shall be no further than 19 ½ inches from the center of the rear axle.

Wheelbase: Maximum wheelbase is 13 1/2 inches.

Hitch: Maximum hitch height is 2 1/2 inches.

Body: Any scale appearing body is allowed. Wheels must fit in the body wheel openings.

Additional: Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt 2WD Gas

Weight	Engine	Drive	Length	Fuel	Surface
25 lbs	39cc	2WD	24 inches	Gasoline	Dirt

- Engine:** Maximum of one two stroke engine. Maximum displacement of 39cc.
- Fuel:** A maximum of 4 fluid ounces of gasoline. Fuel on board shall be no more than necessary. All fuel must be contained within the fuel system.
- Chassis:** Any scratch built chassis is allowed.
- Tires:** Rear Tire: Agricultural Bar tread type only. Bar may be cut. Maximum tire tread diameter of 7". Maximum tire tread width of 4.5". Maximum of four tires.
- Weight:** Maximum vehicle weight of 25 lbs.
- Dimensions:** Maximum vehicle length is 24 inches. Maximum vehicle width is 16 inches.
- Hitch:** Maximum hitch height of 4 inches.
- Body:** Any scale appearing body is allowed. If an econo mod tractor or mod tractor it needs fenders, roll cage, seat, steering wheel and an instrument panel.
- Safety:** Vehicle must have a kill switch that will kill the engine if the vehicle becomes disconnected from the pulling sled. Vehicle must be hooked to the sled, an anchor point or set in on cradle before starting. All primary belts, chains, sprockets and clutches must be enclosed with a minimum of 1/16" thick metal (or lexan) except for the final reduction to the axle.
- Additional:** Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt Mini Rod

Weight	Motor Level	Drive	Length	Battery	Surface
6lbs	See rules	2WD	12.5 inches	unlimited	Dirt

Body: Vehicle must resemble regional, grand national, PPL, NTPA, Outlaw, TNT or European scale appearing Mini Modified. This includes a scale appearing powerplant (V8 NA, Turbo or Blower, Diesel, Allison, Turbine etc) and rear fenders. Nitro vehicles actual nitro engine is acceptable. Front mounted electric motor or motors are acceptable and do not required to be covered.

Motor: No motor or engine restriction. May use gas, nitro or electric motor.

Battery: If electric powered battery must still meet safety requirements. Refer to Page 6 for additional information.

Chassis: Chassis may be scratch built or combination of kit Components.

Tires: Rear Tire: Agricultural Bar tread type only. Bar may be cut. Maximum tire tread diameter of 4.5". Maximum tire tread width of 2 3/4".

Weight: Maximum vehicle weight is 6 lbs.

Dimensions: Maximum vehicle length is 12 1/2 inches and Includes all parts of the vehicle except wheelie bars. Maximum vehicle width is 8 1/2 inches.

Hitch: Maximum hitch height is 3 inches.

Additional: Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt Insane

Weight	Motor Level	Drive	Length	Battery	Surface
15 lbs	See rules	2WD	20 inches	unlimited	Dirt

- Motor:** No motor or engine restrictions. May use Gas, Nitro, or Electric power plant. Must be safe.
- Chassis:** Chassis may be scratch built or combination of kit components.
- Battery:** If electric powered battery must still meet safety requirements. Refer to Page 6 for additional information.
- Tires:** Rear Tire: Agricultural Bar tread type only. Bar may be cut. Maximum tire tread diameter of 7". Maximum tire tread width of 4.5".
- Weight:** Maximum vehicle weight is 15 lbs.
- Dimensions:** Maximum vehicle length is 20 inches. Maximum vehicle width is 12 inches.
- Hitch:** Maximum hitch height of 4 inches.
- Body:** Must resemble some kind of full scale pulling vehicle. For any unusual vehicles it is recommended that participant have a photo of the full scale puller. Front mounted electric motor do not required to be covered.
- Safety:** Must have shielding to contain flying parts. The body may be considered to be the shielding. Fuel vehicles must have a hitching point for a safety tether or kill switch. The hitch point must be just above the pulling hitch if using a safety tether. Vehicle may be started off track and carried to the track (not to be started in your personal pit area but rather using the available smoke system Recommended: Vehicle should be hooked to the sled, an anchor point or set in on cradle before starting. If the vehicle is Nitro or Gasoline operated
- Exhaust:** Gas or Nitro vehicles are required to adapt to an exhaust elimination system. The current system adapts best to exhaust exiting from the top of the vehicle.
- Additional:** Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Dirt Unlimited

Weight	Motor Level	Drive	Length	Battery	Surface
20 lbs	No Limit	Up to 6WD	28 inches	unlimited	Dirt

- Motor:** No Limit to power source (gas nitro electric)
- Chassis:** Chassis may be scratch built or combination of kit components. Up to 3 axles May be 6, 4 or 2 wheel drive.
- Battery:** If electric powered battery must still meet safety requirements. Refer to Page 6 for additional information.
- Tires:** Rear Tire: Agricultural Bar tread type only. Bar may be cut. Maximum tire tread diameter of 7". Maximum tire tread width of 4 1/2".
- Weight:** Maximum vehicle weight is 20lbs.
- Dimensions:** Maximum vehicle length is 28 inches. Maximum vehicle width is 16 inches.
- Hitch:** Maximum hitch height of 4 inches.
- Body:** Must resemble some kind of full scale pulling vehicle. For any unusual vehicles it is recommended that participant have a photo of the full scale puller. Front mounted electric motor do not required to be covered.
- Safety:** Must have shielding to contain flying parts. The body may be considered to be the shielding. Fuel vehicles must have a hitching point for a safety tether or kill switch. The hitch point must be just above the pulling hitch if using a safety tether. Vehicle may be started off track and carried to the track (not to be started in your personal pit area but rather using the available smoke system Recommended: Vehicle should be hooked to the sled, an anchor point or set in on cradle before starting. If the vehicle is Nitro or Gasoline operated
- Exhaust:** Gas or Nitro vehicles are required to adapt to an exhaust elimination system. The current system adapts best to exhaust exiting from the top of the vehicle.
- Additional:** Refer to General Rules starting on page 2 and Definitions and Clarifications starting on Page 37 for all additional vehicle rule requirements

Definitions and Clarifications

This section explains aspects of R/C Pulling that may not be covered in the class rules section or any other section of the rule book.

- 2WD:** Shall constitute one rear drive axle with 2 wheels only.
- 4WD:** Shall constitute two drive axles; one rear drive axle with two wheels and one front steer drive axle with two wheels. On pulling vehicles the front and rear tires will be no more than 1 inch difference in diameter. On racing vehicles the front and rear tires will be the same size in diameter and width. 4WD vehicles will be true 4WD vehicles. The Big Rig and Modified Big Rig classes are the only class allowed to use tandem drive axles.
- Agricultural Bar Tread:** Rubber material, scale version of solid bar, V shape tire typically used on full size agricultural equipment. The following are examples of approved Agricultural Bar Tread tires but is not limited to the following. Contact NR/CTPA for verification of legal Agricultural Bar Tread: RC4WD Giant Pullers, Tractor XL, Traxxas E-MAXX, Tamiya TLT-1, Wild Willy, Midnight Pumpkin or Clod Buster, Kyosho USA-1, Mad Van, J Concept Launch, Proline Destroyers, and Associated MT12.
- Battery:** In general shall refer to the device used to store electricity in order to supply the vehicles motor.
- Body:** Shall be the shell that gives the vehicle its shape and allows it to resemble a full size car, truck, or tractor.
- Chassis:** Frame of the vehicle not including suspension, steering, body or gearbox.
- Competition Committee:** Unless announced otherwise at event shall consist of all current elected officials of the NRCTPA.
- Dual wheel:** More than one tire on one rim or a combination of more than 1 tire with one rim on each side of an axle. No dual wheels are permitted. Exception: Work Stock pullers & Retro MT if a replica. Foam tires may be glued together to make 1 tire on 1 rim and shall not be considered dual wheels.
- ESC** Electronic Speed Control
- Factory production:** Any R/C product manufactured by a recognized R/C supplier in quantities of no less than 100 units per year. Bodies are not required to be “factory production” as long as they are realistic. Please refer to motor rules for specifics on them.

- Factory production vehicle:** Any factory production vehicle kit originally manufactured for use other than a pulling vehicle. For example a Tomyia Clodbuster or a HPI Wheely King are “Factory Production Vehicle”.
- Front axle:** The device mounted at the front of the vehicle in order to provide a means for steering. The axle will be mounted so that the wheels line up with the wheel openings in the body. Exceptions will be made for “Factory Production Vehicles”. The tires on hinged or floating front axles are not allowed to contact the track surface if the vehicles front end lifts $\frac{3}{4}$ of an inch or more.
- Front wheel openings:** The open place that allows the front wheels to have clearance to move when turned to the right or left. The wheel openings will be located behind the front most part of the body. Front wheels are not allowed to extend more than one inch on either side of the body. Exceptions are made for 4WD vehicles, Factory Production Vehicles that must run the original suspension, and replicas of full size vehicles.
- Gearbox:** The unit consisting of the gears, belts, chains, case and/or mounting brackets. The gearbox is the means for transmitting the power from the motor to the wheels. An additional gearbox refers to a second gearbox that is attached to the main gearbox.
- Hitch:** The apparatus used to hook the pulling sled to the vehicle. The hitch shall incorporate a 5/16 inch hole for the sled hook and will be no more than $\frac{1}{4}$ inch from the rearmost end of the hitch drawbar. The hole must be located entirely behind the centerline of the rear axle. The sled chain will have a clear path to the hole with no interference from the vehicle. The hitch is to be fashioned from a strong and rigid material. All hitches will be rigidly mounted. The hitch must be mounted in such a way to not allow any movement longitudinally, vertically, or horizontally. Adjustable hitches are permitted but must be locked in position when pulling. Unless otherwise noted in the class rule the maximum hitch height is 4”. The following will also apply to the 2” maximum hitch height classes. The hitch is measured by placing the vehicle on the tech table, without any downward pressure during inspection. Horizontal hitches will be measured to the top of the hitch. Vertical hitches will be measured to the top of the hole. Any hitch with multiple holes will have the holes above the maximum

covered with tape.

Intentional jerking: The act of deliberately manipulating the controls of the vehicle in a way to advance the sleds position in an erratic manner.

MSRP: Manufacturers Suggested Retail Price.

Maximum motor size: The total outside length and diameter of the motor not including the output shaft.

Vehicle measuring device: All measurements are to be made with a normal ruler and hitch measuring tool. Micrometers and the like are not to be used for tech.

Original: As manufactured and unmodified.

Production Pulling Vehicle: Any vehicle manufactured specifically for pulling. This may be "factory production" or scratch built.

R/C: Radio controlled.

R/C Motor: A motor that is designed and built for the R/C industry.

Readily available: Available off the shelf from hobby shops, distributors, or from retail mail order outlets. Special order or custom made items are not considered to be "readily available".

Scale appearance: Having the scaled down look of a full size vehicle or part.

Sled: The device used to create a drag on the pulling vehicle in which to stop the vehicle.

Stock: Factory original for that vehicle or piece of equipment.

Tires: All tires must be a production tire. Must be or was a readily available product. No Paddle tires allowed

Traction compound: Anything that is foreign to that tire. Any substance that was not made for, put on, or into the tire at time of manufacturer. Tire glues are allowed to mount tires to rims or to glue two tires together in order to make a wider tire.

Tread width: The width of the tread only. This does not include the sidewalls.

Wheel: An assembly consisting of one tire and one rim.

Wheelie bar: A device mounted to the rear of the vehicle to prevent the vehicle from flipping over backwards once the vehicles front tires loose contact with the pulling surface. This device is made up of a single or pair of bars with one or two wheels mounted on the bars. Wheelie bars are permitted in all classes. They may not extend past the legal length of the vehicle unless otherwise noted and may not interfere with the operation of the pulling sled in any way. Skid plates are not permitted. In the dirt classes skid pads may replace the wheels on wheelie bars for scale appearance. Flexible straps for static grounding are only permitted to touch the pulling surface. Wheelie bars are not to be use to rock the vehicle back and forth. This would be considered intentional jerking.

Class Dots

These are the numbered dots that you will receive at an NR/CTPA event. One dot goes on the chassis and the other goes on the body.

Dirt Pulling

Digger	DA
2WD Box Stock	DL
Garden Tractor	DB
2WD Truck	DC
Pro Stock Tractor	DG
Heavy Duty SS Tractor	DD
Sportsman	DM
2WD Pro Modified Electric	DJ
2WD Open I	DQ
Big Rig	DE
Modified Big Rig	DH
Crawler	DI
Work Stock	DN
4WD Pro Modified	DF
4WD Modified 12# Truck	DR
4WD Box Stock	DL
Light SS Tractor	DP
2WD Pro Modified Nitro	DK
2WD Nitro	DX
4WD Nitro	DY
Gas	DT
Mini Rod	DW
Insane	DU
Unlimited	DS
Modified Slash	DZ

