

NWTPA 2014 Truck Rules

DISCLAIMER: The rules set forth are intended as a guideline for the sport of pulling. Installation of the required safety equipment is the responsibility of the vehicle owner/ driver that participates at any event. No expressed, or implied, warranty of safety is intended, or inferred, from the publication of these rules, not the compliance therein. Nothing contained herein should be construed as a guarantee against injury, or death, to the participants, by-standers, or spectators.

All truck pullers, anyone driving a modified vehicle (any vehicle that has been altered from stock) , or anyone 18 and younger must wear a DOT approved helmet. All other would be optional but strongly recommended.*****

- A. Stock 2wd under 5,000 lbs.
 - B. Stock 4wd under 5,000 lbs.
 - C. Stock 4wd small block under 6,000lbs.
 - D. Stock 4wd big block under 6,000lbs
 - E. Super stock 2wd under 4,000lbs.
 - F. Super stock 2wd under 5,000lbs.
 - G. Super stock 4wd small block under 6,000lbs.
 - H. Super stock 4wd big block under 5,000lbs.
 - I. Super stock 4wd big block under 6,000lbs.
 - J. Country modified 4wd 5,500 lbs.
 - K. Heavyweight 2wd under 8,500lbs.
 - L. Heavyweight 4wd under 8,500lbs.
 - M. Super heavyweight under 10,000lbs.
- } These classes will be split if enough trucks

- SMALL BLOCK is defined as any type engine 400c.i. and smaller.
- BIG BLOCK is defined as any type engine 401c.i. and larger.
- ALL RULES ARE GUIDELINES! THE FINAL DECISION ON ANY RULES VARIATIONS WILL BE MADE BY TECH INSPECTOR.
- NO PASSENGERS ARE ALLOWED IN VECHILE
- MUST HAVE DRIVERS PERMIT TO DRIVE

These are some new safety we STRONGLY recommend. Please try to comply with them if you plan on running in classes E-I.

1. Minimum of 2½ lb. Fire extinguisher must be within reach of driver.

2. Must have kill switch located immediately adjacent to the hitch. Attachment point must be in a ring form with an approximate thickness of ¼ inch and a circumference of at least 1 inch. Electric fuel pump must be wired to kill switch. **If vehicle has a kill switch it MUST be in working order.**

3. Drive-line loops to contain front and rear of each driveline.

4. SFI approved scatter shield with steel flywheel and high performance clutch. SFI blanket or shield for automatics.

5. SFI approved harmonic balancer or balancer shield. Shield must fully contain balancer.

Rules for classes stock A-D:

1. Truck must have all components: front bumper, body, doors or 5 point harness, hood, & brakes in working order.

2. Bed must have floor intact or bed cover installed. Nothing allowed in bed unless secured.

3. All components must be in original position on stock frame.

4. Batteries must be securely fastened.

5. Seating and steering must be close to stock.

6. Seat belts must be functional and worn. All open cab vehicles must wear helmet.

7. Fuel tanks must be securely fastened.

8. Pump fuels only, no alcohol fuels or compressed fluids, such as nitrous or propane.

9. No internal engine modifications allowed and maximum 2 external modifications. (Ex. headers, intake, carburetor)

10. Original style transmission only. Both stick and automatic are fine.

11. Blocked suspension allowed.

12. Tire and rim modifications are allowed. Must be D.O.T tires, no terra tires, no sharpening or cutting of tires allowed.

13. May hang weights (not to exceed 42") forward from the center point of the front axle.

14. Maximum height of hitch is 24" to fixed point of hitch. (Does not include clevis unless it raises the hitch point) Hitch must be rigid in all directions and solidly mounted to frame. No chains or cables allowed. Hitch breakage will cause for disqualification.

Rules for super stock classes E-I:

1. Truck must have all components: front bumper, body, doors, and brakes in working order.

2. Bed must have floor intact, or bed cover installed. Nothing allowed in bed unless secured.

3. All components must be in original position on stock frame.
4. Batteries must be securely fastened.
5. Seating and steering must be close to stock.
6. Seat belts must be functional and worn. All open cab vehicles must wear helmet.
7. Fuel tanks must be securely fastened.
8. All internal engine modifications allowed and any carb/intake manifold combo allowed. Fuel injection allowed. Pump fuels only, no alcohol fuels or compressed fluids, such as nitrous or propane.
9. Original style transmission only. Both stick and automatic are fine.
10. Blocked suspension allowed.
11. Tire and rim modifications are allowed.
12. May hang weights (not to exceed 42") forward from the center point of the front axle.
13. Maximum height of hitch is 24" to fixed point of hitch. (Does not include clevis unless it raises the hitch point) Hitch must be rigid in all directions and solidly mounted to frame. No chains or cables allowed. Hitch breakage will cause for disqualification.
14. Vehicles measuring 24" from the ground, measured at the bottom of the frame under the door, are REQUIRED to have driveshaft loops. U-joints must be covered 360°

5500 lbs. country modified truck class J:

ELIGIBILITY

1. Driver must be 18 or older; drivers 16-17 may compete with an INSURANCE Release signed by their PARENT OR GUARDIAN
2. Any eligible applicant may compete regardless of race creed, color, sex, or national origin.

SAFETY

1. A 5 mph speed limit is in effect at all times, except when hooked to the sled.
2. All vehicles must have a driver behind the wheel while the engine is running.
3. No alcoholic beverages will be consumed in the pits, or track area, before the event has been completed
4. The driver of the vehicle is responsible for the actions of all persons associated with their vehicle.
5. The pull vehicle must be in neutral or park, while being hooked to the sled, the driver will raise both hands to indicate that it is safe to the sled operator to work behind the vehicle.
6. Only one (1) pit person and the track officials are allowed on the track during the hooking process. The pit person will leave the track area as soon as the vehicle has been hooked to the sled.
7. No holes in firewall/floor board larger than 1 inch, all holes larger must be blocked.
8. Helmets must be worn during competition.
9. Fire suits with a minimum of a SFI approved-single layer, are required for ATPA events. They may be one or two piece.
10. Foot wear must fully encompass the foot and may be leather or SFI approved material.
11. Automotive type seat belt (minimum) required.
12. Seat belts must be worn during competition.

OPERATIONS

1. Upon arriving at the track, all persons associated with vehicle to be registered will report to the registration desk.
2. All required fees and forms will be processed prior to attending to your vehicle. All vehicles in competition will report to the scales as soon as possible.
3. When weighing your truck, center the vehicle on the scale.
4. Depending on conditions the scales are scheduled to close One (1) hour prior to the event; the drivers meeting will be held ½ hour prior to the event.
5. All vehicles will be staged where the promoter directs our class
6. When directed to do so by the track official, the driver will position the vehicle in front of the sled.
7. When told to do so by the track official, the driver will tighten the chain slowly. A vehicle may not start with a slack chain.
8. The driver has three (3) minutes to begin the pull attempt from the moment the flagman gives the GREEN flag. If you are the last puller in the class you will have (5) Minutes.
9. If the Sled does not reach the 75ft. mark, on the first attempt, the driver will be given an opportunity to make another, but FINAL attempt. The sled will be pulled backed to the starting line. The 75ft. mark may change do to promoter preference-the front of your vehicle will stop before the 100ft. mark.
10. The flagman will give the driver the RED flag when the vehicle has ceased to make any further forward progress, or if there is a safety problem; failure to STOP IMMEDIATELY ON A RED flag will be cause for disqualification.
11. If your Vehicle (not the sled) goes out of bounds at any time you will receive last place points. If more than one truck goes out of bounds they will be placed in accordance to there out of bounds distance. However if you are the first puller in the class you can use your repull option.
12. After unhooking the vehicle from the sled the driver will remove the vehicle from the track, slowly (5-mph). If the vehicle is damaged, a tow vehicle will be brought in to assist.
13. The first puller, or after a change has been made to the sled, will be given the option to take that pull, or make another pull attempt. The driver can make the attempt immediately, or fall back to 3rd, 6th, or last position.
14. Any vehicle that cannot respond to the call from the track official can elect to fall back to the last position. The vehicle will be disqualified if unable to enter the track within three (3) minutes of being called.
15. The driver or pit person may position the sled on the start line; but it must be indicated prior to the sled reaching the 50 mark on the pull back.
16. There will be only one (1) person, the driver allowed in the vehicle during the pull.

GENERAL SPECIFICATIONS

BATTERIES

1. No batteries will be allowed in the cab of any vehicle in competition

BODY

1. Any truck or S.U.V. type body allowed.
2. Vehicle appearance will be subject to the approval of
3. Doors must be operable from either inside or out.
4. No holes will be allowed in the firewall, or floorboards.
5. Glass or Plexiglas windshield and rear window required.
6. Vehicle must be lettered and be visible to announcer and stands.
7. Name must be something that is acceptable to a family oriented sport.

8. All lift bodies must have a safety stop. Safety stops should be in place at all times when driver is not in vehicle.

BRAKES

1. A minimum of one (1) drive line brake or the front axle brakes required

CLOTHING

1. Shoes, shirt and long pants must be worn during competition.
Just a tip: Uniforms or matching shirts give our class a more professional look. Please see safety section for further info.

ENGINE

1. One automotive/truck or marine type 8cyl. only
2. Location: engine must remain within stock engine compartment. No part of engine shall protrude through front of grill.
3. Max 470 cu. (No roller cam shaft or lifters will be allowed)
4. Any type of aftermarket ignition allowed (NO MAGNETOS)
5. Two intake bolts must be drilled to accept wire and tech seal to prevent tampering after tech inspection.
6. No blowers, fuel injections, tunnel rams, or turbochargers allowed. Carburetor spacer, 3" or less.
7. One (1) 4 barrel carburetor no bigger than an 850 cfm carburetor. Bary Grant, Demon, Holly 4150 style, butterfly size 1-3/4" max. No Dominators or Predators.

EXHAUST

1. Headers must exit up within 10 degrees of vertical.

FANS

1. All belt driven fans must be covered with a 360 degree shroud; 1/8" minimum thickness, metal or "high impact" plastic.
2. Self contained electric fans OK.

FIRE EXTINGUISHER

1. A minimum of one (1), fully charged, 2 1/2lb., fire extinguisher: must be in easy reach of the driver during competition.

FRAMES

1. Any frame designs upon safety approval.

FUEL, FUEL TANK, FUEL PUMPS

1. There will be no aftermarket fuel tanks located in the vehicle cab.
2. Pump gas, racing fuel, aviation gas, or diesel fuel will be allowed (no alcohol, nitrous or additives).

HITCHES

1. Hitch 26" high (max) at hooking point.
2. The hooking point shall not be located any closer than 36% of the vehicles wheel base as measured from the hitching point to the center of the rear axle; i.e. 133" W.B.= 47 7/8"
3. Hook ring must not allow sled hook to become stuck, usually no less than 3 inches in diameter.
4. No moveable hitches allowed.
5. Hitching point must be horizontal so that sled hook is vertical when attached.

6. Safety hitch should have same dimensions as pulling hitch with exception of being located eight to ten inches lower than the pulling hitch. Safety hitch must not be attached to pulling hitch except by a small chain to hold it eight to ten inches below pulling hitch. Must meet technical official's approval.

NEUTRAL SAFETY AND KILL SWITCHES

1. All pulling vehicles must be equipped with a neutral safety switch, to assure that the engine cannot be started unless in neutral or park.
2. A neutral light must be attached to back of vehicles, to let the hooker know that it is safe to hook you up, or unhook.
3. All vehicles must be equipped with a kill switch; all kill switches will be attached to the sled by a 2" diameter ring. The ring shall be located 8-12 inches above the top of the hitch and no more than 6 inches to either side of center of hitch. When pulled, kill switch must kill ignition and stop fuel flow to engine.
4. No part of the kill switch, device or cables shall be attached to the hitching device.

RUNNING GEAR

1. Any automotive type running gear is allowed.

SHIELDS

1. The drive line brake shall have a shield ¼ "(min) thick by 2"(min) wide and shall cover the brake 360 degrees. The inside diameter of the shield shall be no more than 2" larger than the largest diameter of the brake.
2. All u-joints shall have a shield 1/4"(min) thick by 6" (min) wide and covers u-joint 360 degrees. The inside diameter of shield shall be no larger than 2 inches more than the largest diameter of the u-joint. The drive lines should have similar shields spaced every 24 inches or less.
3. Two-piece dampers will be allowed; but a shield must cover it with a minimum of ¼ inch thickness and within 1 inch from the dampeners and 360 degree coverage with provisions to prevent dampener (harmonic balancer) from migrating forward.

TIRES

1. 31x15.5x15 maximum (no Dick Cepek tires allowed)
2. Front tires must not be offset more than half of the rear tires. Minimum one (1) inch overlaps using plumbob on outer most portion of tire and wheel assembly.
3. No tire studs allowed.
4. No tire chains allowed.
5. Pneumatic tires only.

TRANSMISSION

1. Any automotive type transmission or after market is allowed
2. All automatic transmissions must have a S.E.M.A. approved safety blanket. The blanket must cover the transmission body and torque converter housing. Also requires approved steel covers at least two inches wide and a minimum of a one quarter inch thick. All inspection covers must be in place.
3. All manual transmissions with cast bell housings must have a 2"x1/4" thick steel shield or approved steel bell housing.

WEIGHTS

1. Any object/fluid, ten (10) lbs. or more that falls from the vehicle during competition will be cause for disqualification while hooked to the sled.
2. Weights or weight bar must not extend more than 42" past the center of the front axle (with the exception of tow hook).
3. Vehicle must have a tow hook (at least two inch opening).

4. Class will run 5500lb. at all events, exceptions made for scale variance per tech's discretion.

WHEEL BASE

1. A maximum of 133 inches.

Rules for heavyweight truck class K, L, M:

1. Truck must have all components: front bumper, body, doors, and brakes in working order.
2. Bed must have floor intact, or bed cover installed. Nothing allowed in bed unless secured.
3. All components must be in original position on stock frame.
4. Batteries must be securely fastened.
5. Seating and steering must be close to stock.
6. Seat belts must be functional and worn. All open cab vehicles must wear helmet.
7. Fuel tanks must be securely fastened.
8. All internal engine modifications allowed. Pump fuels only, no alcohol fuels or compressed fluids, such as nitrous or propane. Water/Meth allowed.
9. Original style transmission only. Both stick and automatic are allowed.
10. Blocked suspension allowed.
11. Tire and rim modifications are allowed. Must be D.O.T tires, no terra tires, no sharpening or cutting of tires allowed.
12. May hang weights (not to exceed 60") forward from the center point of the front axle.
13. Maximum height of hitch is 24" to fixed point of hitch. (Does not include clevis unless it raises the hitch point) Hitch must be rigid in all directions and solidly mounted to frame. No chains or cables allowed. Hitch breakage will cause for disqualification.
14. Vehicles measuring 24" from the ground, measured at the bottom of the frame under the door, are REQUIRED to have driveshaft loops. U-joints must be covered 360°