

GRAND FORKS BC TRUCK DERBY BUILD

RULES FOR 2019 SEASON

2019 TRUCK Rules

Truck Preparation & General Rules

1. ALL trucks MUST be STOCK. All ½ ton and ¾ ton 2-wheel drive pickups, Blazers, Jimmies or Suburban's are allowed. NO 4x4, vans, or dually trucks. IFS 4x4 trucks ok if front drive shaft removed. **NO solid axle or leaf spring trucks allowed, this includes the older 2wd style like this, coil spring IFS trucks ONLY!!** NEW
2. **NO co-pilot in trucks allowed. DRIVER ONLY!!**
3. Any truck that has been in a previous Derby MUST have prior approval in order to be allowed to run. Must contact derby organizers for pre-approval. ANY FRAME WORK/REPAIR MUST BE SPRAY PAINTED A BRIGHT COLOR TO SHOW WORK HAS BEEN DONE.
4. ALL glass and upholstery MUST be removed from truck. Broken glass to be vacuumed out. Front seat, dashboard, and front door panels can be left in car.
5. Stock gas tank to be removed and NOT to be reused inside the truck.
6. ALL inside and outside body trim to be removed from truck that is not required. This includes door handles, chrome parts (Except bumpers), trailer hitches, and headlights and taillights. All fiberglass, plastic, or pot metal parts inside or outside the truck MUST be removed, this would cover pot metal taillight corners, grill mounts, plastic inner fenders, rad shroud, overflow tanks, plastic fans, etc.
7. ALL replacement parts must be stock factory production parts. This includes motor, tranny, and differential parts. This excludes the battery, fuel pump, and gas tank used to build the truck.
8. Engine and Tranny MUST be clean of grease and oil. Pressure washed BEFORE showing up to the grounds as we don't want this mess cleaned off on the ground at the event.
9. NO reinforcing of any body parts or systems (IE: Frames, suspensions, or engine compartment). NO welding of inner fenders to outer fenders or to rad supports. IF repairing a rust hole in the frame it MUST be done with no material stronger than what you are replacing/repairing. NO overlapping metal, only butt weld repairs allowed. ALL repairs MUST be pointed out to the tech when truck is being looked over. ANY major repair that needs to be done to car MUST be pre-approved by committee. So, pick up the phone to make sure BEFORE you do the repair. 1 repair allowed per corner of the vehicle frame.
10. Radiators MUST be in stock location for the truck. Radiator hoses MUST remain inside the engine compartments. NO expansion tanks allowed in truck. MAX 5' of rad hose to be used.

11. Brakes on truck MUST be in working order for ALL THE TIME. Will be checked when entering the ring each time.

12. NO welding of shocks. Suspension must work up and down somewhat.

13. All entrants must run in a heat. The number of entrants from each heat to go to the main event will be determined the day of the derby and will depend on how many trucks participate in the derby on the day of the event.

14. Red flag must be supplied by the driver. A red flag must be placed in the flag holder when the driver is timed out or can no longer continue the heat due to mechanical failure. The holder must be in located in the middle of the dash area pointing outwards. In an event of medical emergency or fire, waive the flag to get the attention of the officials. 2" diameter pipe, 8-10" in length is recommended. If no flag holder then driver would have to hold it up in air when out.

Any major fire will NOT be allowed to restart in that heat. 1st Flash fire may be ok to restart but that will be up to the fire fighters/ring marshals call, 2nd fire you are DONE regardless of what happened.

15. 90 Second time limit to make a hit in the ring. NO STOP WATCHES allowed in truck. Spotters will be timing cars. Sit over the limit and you are disqualified for that heat, anyone seen using a stop watch in the car will be disqualified for the heat as well. Place red flag into flag holder once car is done or disqualified to signal to the other drivers that you are out. Once flag is up you can NOT take it down in that heat again. Flag supplied by driver. Watch for an official as they will advise you if you are timed out.

16. ALL heats will run until the last truck running and mobile. Last power hit wins the heat.

17. ALL TRUCKS MUST STOP IMMEDIATELY when air horn sounds. Spotters will also be waiving red flags at side of arena. Safety crews will NOT enter the ring until truck stop moving. ALL trucks must stay stopped until horn sounds again to start back up.

18. ALL MAJOR work to be done to truck BEFORE showing up to derby. Truck should be ready for tech when arriving that morning. Disqualification will result to anyone breaking this rule. Disqualification will result in forfeiture of entry fee.

19. ALL trucks must be inspected by TECH prior to the pit meeting, which will be held ½ hour before start of derby. ANY major safety issues found could result in being disqualified, such as Gas tank safety, battery safety, or concrete in doors, or door security. **ALL trucks can be subject to inspection at any time during the day for any infraction of the rules that seem just.** If your truck fails, the 1st inspection for minor things you will have 30 minutes to resolve issues and get re-inspected or be disqualified. ALL tech on trucks will end prior to 11:00 am at the start of the pit meeting.

20. Spinning of tires or racing around the pit area will be immediate disqualification.

21. NO intentional hitting of driver's doors in the ring allowed. The Driver will be disqualified for remainder of the heat. No berming, a truck that is pushed onto the berm, we will stop the show and bring that truck back into play. The driver that did the pushing will be given 1 warning. Any further infractions will result in disqualification of that round.

22. Entrants MUST have entered the pit area with their trucks by 9:00 am for anyone living within an hour of the derby grounds. LONG distance derby vehicles will be given an hour longer to get here, as too many showing up last minute makes show start late. NO entries allowed after this time.

PIT GATE TO OPEN BY 8AM AND TECH ENDS BEFORE 11AM. ALL DRIVERS MUST HAVE THEIR VEHICLE ARRIVE NO LATER THAN 9AM TO BE TECHED. DRIVERS ATTENDING THE PARADE MUST HAVE THEIR VEHICLE TECHED PIOR TO LEAVING FOR THE PARADE. Arrangements can be made to tech earlier or the night before.

23. Driver MUST always wear seat belt including the shoulder belt while driving, or a 4-point racing harness (outdate is OK but must be in good condition and show not wear or ripping). Not wearing your belt during the heat/consolation/final you are competing in will result in disqualification. **A motorcycle or racing helmet must be an approved by tech, complete with face shield or approved safety goggles while in the ring.**

24. Driver MUST be fully clothed. Long sleeved shirt and full pants, or coveralls. NO open toed shoes allowed. Gloves optional but recommended.

25. All participants in derby Must be 14 yrs or older and must have a custodial parent sign a waiver form. For under 19.

26. NO CONSUMPTION OF ALCOHOLIC BEVERAGES OR DRUGS allowed in the pit area or premises. This will result in IMMEDIATE DISQUALIFICATION and REMOVAL from the area for the ENTIRE CREW. This goes for the entire crew or anyone in your pits. If your pit stall neighbors, see anyone consuming the above it should be reported ASAP, so it can be dealt with. This is for EVERYONES safety in and out of the ring. If required, the police will be called if needed for any unruly people.

27. A maximum 3 pit crew. All tow vehicles will have to park trailer away from pit stalls.

28. ALL participants MUST pay registration fee (if not pre-paid) at the gate and all drivers and pit help must sign a waiver form prior to be given a wristband prior to entering the pit Gate NO EXCEPTIONS. TOW VEHICLE OR ANY VEHICLES ASSISTING DRIVER MUST UNLOAD ANY PASSENGERS, CHILDREN OR PETS PRIOR TO REACHING THE ENTRY GATE. THERE WILL BE NO CHILDREN UNDER 12 IN THE PITS 13 TO 18YR OLD MUST HAVE CUSTODIAL PARENT SIGN A WAIVER FORM TO ENTER THE PIT AREA. Entry fee for the truck will include 3 passes/bracelets ONLY (DRIVER 2 PIT). 1 additional pass can be purchased for \$10. All drivers and pit help must wear the designated pit wristband at all times or you can be removed from the area. NO extra people, including spouses or kids, will be allowed in the pit area unless they are part of the crew and are of the age req'd.

29. Any crew members or service vehicle entering the demolition grounds do so at their own risk. NO liability is to be incurred by the organizer or participating members.

30. Drives are responsible to ensure their pit area is cleaned up before they leave the derby grounds. Failure to do so will not allow you back the following year.

31. ANY and ALL protests must be made in writing and submitted upon completion of the heat/final (maximum 15 minutes). Will be discussed with committee members and investigated as required. A FEE OF \$100 WILL BE APPLY, if an error is found then the \$ will be returned.

32. Trucks out of the derby, but still in running condition, can NOT have the engine blown up intentionally by pressing gas pedal to the floor. This is dangerous for all people around. This will result in being not allowed back to future derbies.

33. Unwanted vehicles may be left in the pit area at end of day. MUST inform someone in charge that it will be left so that arrangements can be made to remove later from area. Please place all scrap metal and leftovers inside the truck to help clean up area. 2 tires on truck would be nice, but not necessary.

34. Truck numbers to be mounted upright on roof of Truck, minimum 12" high numbers's on a sign, displayed on each side of sign board. Also, number shall be displayed on side of Truck as well minimum 12" height numbers. Entrant numbers will be confirmed with entry so not duplicate numbers. NO other numbers shall be displayed on truck.

35. Pit crews MUST have a minimum 5lb ABC fire extinguisher in the pit area. 1 per truck min.

36. ALL drivers are to be at the PIT assembly area for pit meeting prior to starting. Same time as the car meeting as rules all the same. Some rules will be discussed, this also time to ask major questions. A coin flip will decide which side goes 1st.

37. Prizes are awarded at the discretion of the RULES COMMITTEE. ALL prizes will be handed out at the completion of the derby, if you require sooner you must consult with committee.

38. Anyone registering after the early bird cut-off date does not guarantee a spot in the derby.

39. Drivers and MUST keep hands, head, and arms inside the vehicles at all times in the ring during the race.

40. Except in the case of an emergency, all drivers MUST always remain in the truck. In the case of an emergency, wave red flag and horn will sound, and the race will be stopped.

41. IF YOU DO NOT SEE IT WRITTEN ON HERE, that does NOT make it legal to do!!! The OFFICIALS word is the FINAL word!!

42. RULE #1.... HAVE FUN AND PUT ON A SHOW FOR THE FANS. Without them there is NO show

MUD Flaps are required on all trucks. Any type of rubber flap allowed. Mount as close to back tires as possible. Just bolt thru floor of box with piece of angle iron to hang them.

MAIN BUILD RULES TO FOLLOW

1. IF YOU DO NOT SEE IT WRITTEN ON HERE, that does NOT make it legal to do!!! The OFFICIALS word is the FINAL word!!

2. ALL trucks subject to tech at any point before or after any heat. Any problems will need written protest by more than 1 driver. Any truck found illegally modified will forfeit all winnings.
3. Read ALL prep and general rules above 1st as some important info to follow.
4. If you are unsure about something on the build being legal or not, it is best to be calling one of the officials and confirming prior to doing it.
5. **MUD Flaps are required on all trucks. Any type of rubber flap allowed. Mount as close to back tires as possible. Just bolt thru floor of box with piece of angle iron to hang them.**
6. Major work to be done prior to arriving at derby (This noted in general rules as well)
7. Max 2 batteries can be used. Batteries must be mounted on the floor in the passenger floor area. It must be securely fastened with angle iron and ready rod to the floor OR enclosed in a secure metal box with secured wood lid. Batteries must be covered to help prevent acid from leaking out in case of a rollover and splashing around.
8. ALL HOODS MUST BE OPEN FOR TECH. Trucks will NOT be looked at unless hood is OPEN. Once cleared under hood then hood must be then closed and secured race ready as part of tech inspection.
9. Metal boat tank or a custom-built fuel tank constructed of min 1/8" thick steel to be used. Tank to be secured on the floor of the box of truck (REGULAR CAB ONLY) at the front up against the cab, NOT bolted to frame at all. Extended cab trucks the tank should be inside the back-seat area. Tank must sit on a rubber mat and secured to the floor with a metal strap or ready rod over the top of the tank. Recommend using a thick steel plate on the floor before rubber mat to protect from objects coming thru the floor. Tank and cap MUST NOT leak if inverted. If vent hose used it must be on top of the tank and have a one way check valve. Vent hose to go out bottom of box bed just in case of splashing of fuel out hose. Drain hole in box of truck around fuel tank area should be cut/drilled into box to allow for drainage just in case of a leak. The tank MUST be covered completely with a metal fire shield. Metal fuel lines should be used for most of run but must be flared on each end. Fuel lines must run thru cockpit of truck to firewall and not under the truck. Use NEW Neoprene line at each end to connect fuel lines up. Protect line with garden hose or rubber at each place it goes thru cab.
10. MUST run regular pump fuel ONLY. NO AV gas, alcohol, or propane allowed.
11. Electric fuel pumps can be used as long as they have a separate power switch. Pumps must be securely mounted to the vehicle and NOT to be left hanging loose. Fuel pump switch MUST be visible easily and marked.
12. If using electric switches, they must be uniformed. Up or forward for ON, down or backwards for OFF. This so anyone can make sure switches are off if req'd.
13. Transmission coolers are optional. If used they must be securely mounted in the truck box area and have NEW neoprene attached to steel lines from under the truck. Flared fittings required. NOT allowed to be bolted thru frame.
14. Complete air breather MUST be intact on carb. This to protect from fires up carb going anywhere. Air filter optional. Any type or air breather ok as long as carb completely covered and not open to air.

15. NO pinching or pre-bending the body (pre-crushing the body to the frame). Truck body to remain stock. No folding down of box sides allowed, tailgate on is mandatory. Tailgate can be welded, bolted, chained, your choice as long as secure on truck. Tailgate can be lowered to cover end of frame if not running rear bumper. No sunroof opening or large holes in the roof of the cab. Any holes larger than 6 square inches must be covered up by sheet metal and be securely attached to the roof of the cab.
16. NO modifying, welding, or reinforcing the steering, suspension, body or frame whatsoever. Steering shaft may have universal joints installed. NO pinning, plating, stuffing, or tipping of the frame allowed. Suspension must flex up and down.
17. Radiator MUST be OEM style and in factory location. NO custom-made coolers or expansion tanks.
18. WATER for coolant ONLY. MUST flush out antifreeze from car BEFORE getting to the derby. DO NOT flush out onto the ground or you will be disqualified on the spot. NO other fluids except for water in rad.
19. Exhaust pipes must extend past the transmission or may come thru engine hood. Holes thru hood for exhaust will qualify for fire holes if they meet the size required.
20. Hoods to have 2 holes cut thru hood, one on each side, for fire access. Follow the supports on the underside and cut out 2 triangles or rectangles, depending on the hood design. Hoods can be cut out to max 24"x24" size over top of motor if wanted. Max 8 hood skin bolts in the hood, 1" washers and max 3/8" size bolt
21. Hoods must be bolted or chained. Bolts to be a maximum of 1-inch diameter. NO braces to the bolts from the frame or firewall. Maximum 6 bolts holding hood down, not counting hinges. MAX only 2 bolts can be attached to the frame. MAX 6"x6" washers to be used on hood bolts. Hood pins must be 1" max size in total all the way down to the frame, not to be reinforced with steel anywhere on the pins. Hood pins can be 6" welded to side of frame or bolted thru frame.
22. Minimum 2 bars welded in the hole of the windshield evenly spaced to prevent the hood from coming through. NO chains.
23. Shift lever may be hooked directly to the transmission, linkage may be left in the stock position. Hole in floor should be covered and kept to a minimum size as possible.
24. Flag must be accessible by the driver from their seat. 2" diameter pipe, 8-10" in length is recommended. If no flag holder then driver would have to hold it up in air when out.
25. Truck numbers to be mounted vertical on roof of truck. Each side must be visible. 12" high numbers minimum. Would also like to see some on the body of truck as well but are optional.
26. Doors and tailgate must be either welded or chained or bolted closed. Fully welded door is recommended especially with concrete. If door comes open in derby you can be disqualified.
27. NO engine cradles or protectors of any kind. Engine swaps allowed but must use minimum material to make engine mounts work like stock. Engine mounts can be welded or chained down. Distributors can be protected if wanted. 10x10 flat plate, no more than 1" bigger than distributor and cap, can NOT be mounted to the transmission mounting bolts, top of motor only. Distributor and Distributor plate MUST be in front of the firewall.

28. NO PERFORMANCE Engine parts to be used. No Tunnel Ram, hi-rise, air gap type intakes to be used on engines. Stock type looking intakes only. Carb adapter plates will be allowed to be able to run different carb. Older aluminum stock looking intakes are ok. Factory production parts only.

29. ANY type of driveshaft allowed for truck.

30. All HOLES in the firewall larger than 1" should be covered with non-burnable material, sheet metal or rubber. STOCK firewall to remain in Stock position. ALL wiring to batteries and fuel lines must be wrapped in rubber where they pass thru the firewall. Distributor clearance is allowed, so can pound firewall back or cut relief cut in metal, keep cut size to the minimum needed. If metal is open to cockpit around distributor it needs to be covered.

31. Front Bumper MAY be swapped to a car bumper if wanted. Rear bumper NEEDS to be stock truck bumper, if running one. If replacing the front bumper with a car bumper it can NOT go wider than the frame more than 6" on each side of frame rails. Rear bumper is optional if you want one on truck at all. Can weld bumper brackets to the bumper and can weld bumper and brackets to the end of the frame. NO adding extra steel to the bumper or the frame.

32. BOTH doors must be reinforced with steel bars are used for the door braces/security, they must be channel iron (**NO grader Blades**). Minimum thickness = 1/4" thick and must be a minimum 6" wide. Wider and thicker recommended. Bars MUST NOT stick out from side of body more than 2.5" in depth. Corners/ends MUST be beveled @ 45degrees in horizontal positions only. Must be bolted with a minimum 3-3/4" bolts or 4-5/8" bolts. **NO CONCRETE OR CONCRETE LIKE MATERIAL**

Place door bar high enough up to protect from bumpers. Bars cannot extend beyond 6" past edge of the front door seam and must extend onto the box no more than 18" past the box seam. Grind and cut your outside bolts short as possible, don't place bolts next to your ribs. 4"x4" washer for door bars, make large enough to not pull thru sheet metal. Bars to be mounted outside of doors.

33. Front of the box MUST have a steel cross member that is Welded/Bolted to each side, place in line with door bars the best way. For your safety try to attach/bolt through body to door bars if running door bars. MUST have a cross bar in the dash above steering column attached to door bars as well or welded/bolted in place to stop collapse inwards. Basically, build a box to protect the cab.

34. MUST have vertical support bars in truck to prevent roof collapse in case of rollover. Placed in box of truck on regular cabs or backseat area on others. Bolted or welded in place, NOT thru frame though. NO kicker bars running back into box allowed.

35. The box MUST be secured to the frame at the front and rear by 2 - 3/4" bolts with 6"x6" plates or 3/8" chain or Ubolt around frame. MUST have 2 at the front and 2 at the rear, so 4 total secure points. Box MUST stay on frame for safety reasons. If they start to come off the will be flagged. Maximum 8 factory bed bolts in box.

36. Cab MUST be bolted to the box in at least 2 places with minimum 3/4" bolts and 6x6 plates on each side. Can weld box seam to cab in place of bolting them together.

37. Cab Bolts to frame should be reinforced to make sure cab stays on frame. Can add larger bolts and plates to keep cab secure to frame, max 1/2" thick bolts. Only 4 bolts allowed thru floor to frame in 4 corners.

38. NO tractor tires, Military, Implement, or solid rubber tires allowed to be used. DOT rated tires ONLY!! NO EXCEPTIONS, any found will be cut. MUST be STANDARD "DOT" TRUCK TIRES, LT RATED, MAX Load Range E – 10 Ply. Tubes are optional. NO SPLIT RIMS ALLOWED AT ALL, NO exceptions!! Valve stem protectors allowed welded to wheels. NO other welding or reinforcement to wheels/rims, no custom-made rims at all.

39. MUST remove ALL wheel weights from ALL wheels, including spares. These come off and are a hazard for other users of the ring. We will be looking for these on truck at tech.

40. ALL truck MUST be able to stop under their own power to enter the heat. Brakes must work. ANY type of braking system is allowed as long as truck can stop.

41. Do not intentionally push opposing vehicle into tires or berm. If a vehicle is pushed into the tires or berm, the show will stop, and the vehicle pulled off the berm. The driver that did the pushing will be given 1 warning a second infraction will result in disqualification.

42. NO work should be done to trucks AFTER they are tech'd. Any work being done to trucks after tech could result in truck not running in derby at all. Adding fuel or doing up bars allowed, but NO adding or building to trucks once they are done. We will be walking around and watching for this.

43. IF NO REAR bumper being used, trucks MUST have a small length of chain or a D Ring attached to frame. This so that loaders have something to hook chain to get the trucks out of ring.

PIT GATE TO OPEN BY 8AM AND TECH ENDS BEFORE 11AM. ALL DRIVERS MUST HAVE THEIR VEHICLE ARRIVE NO LATER THAN 9AM TO BE TECHED. DRIVERS ATTENDING THE PARADE MUST HAVE THEIR VEHICLE TECHED PIOR TO LEAVING FOR THE PARADE. Arrangements can be made to tech earlier or the night before.

The Following WILL NOT be Tolerated by driver or pit person.

1. Being under the influence of drugs or alcohol. There is to be no drugs or alcohol in the pits. Either will lead to being asked to leave the event immediately.

2. Spinning tired in pits or racing around. Drive slow and careful as a lot of people around.

3. Starting fluids or nitrous systems.

4. Excessive holes thru firewall.

5. Welding anything to the frame of the truck, except for bumper brackets and hood pins.

6. Filling inside the frame (IE: Concrete, steel)

7. Sandbagging does not look good for the fans and will be called out by officials with 1 warning.

8. Reverse or extended shackles.
9. Modifying truck after tech has completed your truck.
10. NO hitting cars that are up on the tires at the fence. Do NOT push them into fence.
11. NO fighting with other drivers/crews, both will be kicked out as req'd.
12. NO intentional door hits on either door, instant disqualification.

The Following MUST be removed

1. ALL glass, Fuel tank, Air conditioning system MUST be discharged.
2. Trim and Upholstery, except front seat, dash, and front door panels and loose materials from cockpit
3. Lights, lenses, plastic, pot metal, fiberglass
4. Chrome, except bumpers, Hubcaps, center caps, trim rings, and wheel weights
5. Antifreeze MUST be drained and flushed from radiator before coming to derby.

Video/photography hold harness: By entering the pit area, participation arena, fairgrounds, you or pit crew can be subject to being filmed. This maybe be posted on the internet or used in newspaper or media publications.