

Truck Division

TYPE OF TRUCK

1. Any American made stock: full size 1/2, 3/4, or 1 ton, regular cab, club cab, or crew cab LT Truck, SUV, Suburban, or Van may compete. No compact trucks, foreign trucks, or passenger trucks allowed. 4x4's trucks may compete with the front drive shaft removed.
2. The definition of stock as we consider it is as follows: Modification of a vehicles body, frame or bumpers, by adding steel, pipe or other foreign materials to the truck to assure greater strength is not permitted, except, that which is listed and permitted within these rules. If it doesn't say you can do it, don't do it. CALL AND INQUIRE.
(A) NO EXTRA REINFORCEMENTS: No wire, sheet metal screws, chains, cables, bolts, or added metal unless specified in rules, **JUST WELD IT.**

MANDATORY PREPARATION OF TRUCK

(REMOVE THE FOLLOWING ITEMS BEFORE ARRIVING AT THE BACK GATE!)

3. All glass must be removed from the truck. That means **ALL GLASS! This includes Fiberglass.**
(A) Windshields (F) Tail- lights, bulbs and lenses
(B) Rear-window (G) Turning lights, bulbs and lenses
(C) Side-windows (H) Back-up lights, bulbs and lenses
(D) Mirrors (I) Items e through h includes all brackets and mounting assemblies that hold these lights in place
(E) Headlights
4. All chrome molding strips and molding clips must be removed for the truck. This includes, the:
(a) Hood (b) Fenders (c) Sides of vehicles (d) Tailgates
5. The following items must be removed from the passenger compartment and trunk area:
(a) All inside door panels (b) The headliner (c) All carpeting and padding
6. All taillight and gauge wires must be cut or removed. Removal is recommended.
- * 7. The original gas tank must be removed and a **six (6) gallon maximum capacity tank** must be securely fastened in front of the rear axle, inside the truck **or in the box**. It must not leak and must be properly ventilated. **NO EXCEPTIONS!** (Metal boat tanks are highly recommended. If a plastic tank is to be used, it must be set inside a metal box with a lid on the box. The minimum size of material to be used on this box is 1/8 in. steel and this box must be securely fastened to the floor). The only types of fuel allowed are: regular, unleaded, diesel and aviation fuel. **NO EXOTIC FUELS!**
8. Batteries must be moved to the passenger side-front floor and contained in a box or container securely fastened and covered.
(A) Any and all batteries are allowed.
(B) A white rag is required to be tied to the ground cable on the battery.
(C) The box or container housing the battery or batteries must be the approximate size of the battery or batteries being used. These boxes or containers may not be placed or located as to strategically reinforce the passenger-side door.

9. Radiators must remain in their upright, original stock location.
 - (A) Radiator blow by tubes must be secured and remain pointing down at all times.
 - (B) Original or electric fans are allowed.
 - (1) Cooling fans must be covered by hood or removed.
 - (C) Top of radiator support may have one piece of angle iron 2" X 2" X 1/4" thick from fender to fender, and two 2" X 2" X 1/4" thick angle iron or square tube, from radiator support to top of frame in front of control arm/A-frame.
 - (D) Air conditioning condenser may be welded to front of radiator support.
 - (E) Ratchet straps may be used to secure radiator.
10. Anytime chain links are welded together it will then be considered strapping.
- * 11. *Distributor protectors and pulley protectors are NOT ALLOWED.*

PREPARATION THAT IS RECOMMENDED BUT NOT MANDATORY

12. Removal of entire front dash and removal of all non-essential electrical wiring.
13. Factory items: heating and air conditioning systems that are not needed may be removed.
14. All engines should be clean and grease free.

OTHER ALLOWED PREPARATION

15. ENGINE and transmission of choice maybe used. Motor mounts may be welded, chained, or cabled and added solid engine mounts okay as long as it is not reinforcing the frame.
 - (A) You must run the transmission cross member in the stock location. The transmission cross member is the only method by which the transmission may be tied in. Do not attach transmission to dash bar or any other point in the truck other than the cross member. If you choose to run an engine mid-plate this can only be attached to the frame by using the straps on the back of the motor.
 - (B) Alteration of a drive shaft is not allowed.
 - (C) **NO EXCEPTIONS** to this rule!
16. Alteration and welding of a steering column are allowed to prevent loss of steering.
17. Non-stock items: electric fuel pumps, electric fans, headers and transmission coolers are allowed. If you are running an electric fuel pump, it must be hooked up to your ignition switch, so when your truck shuts off so does the fuel pump.
18. FENDERS front and rear may be rolled, welded or bolted with no added metal.

ADDITIONAL RULES AND PREPARATION

FRAMES

19. Fresh Paint or Undercoating on the frame rails will not allowed.
20. Frame Welding:
 - (A) The trucks cab and box may be welded to the frame if desired and all riveted frame, brackets, as long as no foreign material other than welding rod or welding wire is to be used.
 - (1) Body bolts may be changed and body mount bushings may be removed.
 - (2) The practice of using filler rod between the body and frame will not be allowed!!!

- (3) The practice of cross hatch welding to the frame rails. Welding or filling factory holes in the frame shut will not be allowed.
- (4) Connecting the frame rails to each other with added metal will not be allowed.
 - (a) All trailer receivers; hitches and braces must be removed.
- (B) The frame may not be reinforced.
 - (1) Exceptions: The very front 8" of frame and very back 8" of each frame rail maybe reinforced no longer than 8" and no taller than the factory frame.
- (C) Welding to a frame rail for purpose of repairing a cracked or broken frame rail will be allowed.
 - (1) Use the same thickness of metal as the frame to repair or just weld it. **If patches are excessive in any way they will be cut at judge's discretion.**

SUSPENSIONS

21. **NO MODIFICATION** to the front and rear suspensions components will be allowed, except that, which is listed below:
- (A) All models may raise front to level with rear, but if it looks too high it is, then it will have to be let down, or it will not run **per judge's discretion!**
 - (B) Tie rod ends must remain stock; the center section of the tie rods may be reinforced.
 - (C) All shocks may be welded solid.
 - (1) All air shock lines must be cut.
 - (D) A-arms maybe welded or bolted to the frame to raise front end and prevent them from falling off.
 - (E) The leaf spring mounts may be welded to the frame
 - (F) All Leaf spring trucks must have a 2" stager.
 - (1) A **MAXIMUM** of 11 leaf springs on rear axle allowed.
 - (2) A **MAXIMUM** of 9 leafs on front axle allowed.
 - (3) A total of 3 spring helper clamps in front of the axle and 3 behind the axle per side on front and rear leafs. **MAXIMUM** size of these clamps allowed is, 2" wide, X 5" long, and 1/4" thick.
 - (G) Any truck with a rear coil spring suspension may be converted to a leaf spring suspension. This conversion must be a clean conversion with a minimum amount of alteration to the trucks frame. The original frame must be used. Changing frames will not be allowed.
 - (H) You may change coil springs to a stiffer spring, you may double the rear springs (they may be tied together in no more than two spots, (do not weld them together, or put spacers in sagging coil springs to get your height), do not raise the suspension any other way except what is listed above.
 - (I) Rear differential control arms may be reinforced. If you reinforce your control arms, you must build them starting with a stock set. They may be shortened or made be longer.

REAR-ENDS

22. Rear-end differentials and front-end differentials must not be larger than 1-ton LT Truck.
- (A) Rear-end differential, only, maybe reinforced or a hybrid rear end differential allowed.
 - (1) No reinforcements on front axle allowed.
 - (2) The rear end may be tied to the frame in two locations with 3/8" cable or chain.
 - (3) Welded, or positive-track rear-ends are highly recommended

RIMS & TIRES

23. The **MAXIMUM** size truck rim allowed is 17" inch.
- (A) No split rims allowed.
 - (B) All wheel weights must be removed from the rims.
 - (C) Tires may be screwed to the rims.
 - (D) No paddle rims or reinforcement of the rim or wheel will be allowed.
 - (E) Exceptions:
 - (1) Valve stem protectors will be allowed.
24. Tires any ply, with a **MAXIMUM** of 31" height are allowed.
- (A) Tire inside a tire is allowed.
 - (B) Solid tires are allowed.
 - (C) Implement tread tires are allowed.
 - (D) Flappers are allowed.
 - (E) Exceptions:
 - (1) No water or other ballast in tires.
 - (2) No studded tires.
 - (3) No dual tires on rear.
 - (F) The practice of applying grease to the sidewalls of tires **will not be allowed.**

BUMPERS

25. **BUMPERS** must be automotive or LT Truck bumpers and bumper brackets in any position may be used front or rear. No after market bumpers or homemade bumpers, or bumper brackets allowed, they must appear stock.
- (A) All trucks **MUST** have bumpers on front and rear.
 - (B) All bumpers must be in their stock location on the truck, for which truck they are on.
 - (C) Bumpers may be flipped upside down if desired.
 - (D) All bumpers must be stock height.
26. All non-stock or replacement bumpers must not exceed the width of the truck.
- (A) Any bumper exceeding the width of the truck must be cut to the width of that truck, on the ends and not cut in the middle, with the two pieces over lapped and welded back together.
 - (1) Bumpers must not be altered. Bumpers may not be cut and pieced together.
27. Bumpers and bumper brackets may be welded solid.
- (B) All bumpers must have brackets and braces, mounted to them.
28. The rear bumper may have, two 4" wide 1/4" thick straps welded vertically from rear bumper to tailgate. Weld 5" on bumper, and 5" on tailgate.
29. Front and rear bumper may have wire in 4 locations, 4 strands from front bumper to radiator support and rear bumper to tailgate.
30. The front and rear bumpers may have, (2) two, 4" wide, X 1/4" thick, 8" long straps welded **horizontally** welded to them.
- (A) The straps, for the rear bumper may be welded from bottom of tailgate to the bumper.
 - (B) The straps, for the front bumper may be welded, from bumper to radiator support.

31. Chain may be welded from the bumper to the frame in (2) two locations only, one to each frame horn to prevent bumper from falling off. Maximum size of chain allowed is 3/8”.

HOODS

32. Hoods must remain in their factory position.
33. All hoods must be welded, bolted, or chained shut. **ONLY ONE APPLICATION MAY BE USED!!**
- (A) If Welded: Hood may be welded solid with 3/8” filler rod.
- (B) If bolted: It must be bolted in a **MINIMUM** of 4 locations and a **MAXIMUM** of 8 locations. These locations will be determined and allowed as follows: The front two hood bolts must go through the front radiator support mount and frame with no spacer, all other hood bolts must be welded to body only.
- (1) The bolts must be a **MINIMUM** of 5/8” or a **MAXIMUM** of 1”,
 - (2) Maximum size of washer allowed to be used will be: A 5”x 5”x 1/2” thick washer must be used on top of the hood bolts to the keep bolts from pulling through.
 - (3) No bolting material will be allowed to be placed directly in front of the radiator for the purpose of protecting the radiator.
- (C) If chained: The hood must be chained in a **MINIMUM** of 4 locations and a **MAXIMUM** of 8 locations. Maximum size of chain allowed is 3/8” thick.
- (1) Chains will not be allowed to be placed directly in front of the radiator for the purpose of protecting the radiator. Chains must be located to the outside edges of the radiator.
34. There must be one 12" hole cut into hood for fires and the tin maybe bolted or welded around each hole. These holes may be larger if desired.
- (A) When cutting a hole in the hood, the sheet metal from this hole may be:
- (1) Remove completely.
 - (2) Folded over and welded or bolted back to the top of the hood.
 - (a) This sheet metal must not exceed the outside edge of the hood.
 - (b) This sheet metal may not be rolled to create additional layers prior to welding back to the hood.
 - (3) Folded to the underneath side of the hood.
 - (a) This sheet metal may not be rolled to create additional layers prior to welding back to the hood.
- (B) **NO EXCEPTIONS** to rule # 34. This rule **WILL BE ENFORCED!**

PASSENGER COMPARTMENT & TRUCK BOX

35. TRUCK CAB AND TRUCK BOX MOUNTS may be removed. Body bolts may be replaced.
36. A **MINIMUM** of **8 EXTRA** bolts to hold the truck cab and the truck box, or the body on frame must be added.
- (A) Four **ADDITIONAL** bolts must be added from truck cab to frame.
 - (B) Four **ADDITIONAL** bolts must be added from truck box to frame.
 - (C) All replacement bolts must be a **MINIMUM** 5/8” bolt and a **MAXIMUM** of 1” bolts.
 - (D) Washers 1/4” thick 6”x 6" on top and 3”x 3” on bottom must be added.
 - (1) Washers to hold cab and box to frame may not touch each other.

37. The driver's door may be reinforced on the inside of the truck (Any type of reinforcement) and padded if DESIRED.
38. **ALL TRUCKS** may have:
- (A) A dash bar located in front of the driver. This bar may extend from driver's side door to passenger side door across the firewall. It must be horizontal to the floor.
 - (B) A bar on the inside behind the drivers seat.
 - (1) On Extended cab trucks, SUV's and Vans: these bars may not be positioned to exceed 10"(ten inches) behind the drivers seat.
 - (C) One bar on the inside across the passenger door.
39. **ALL TRUCKS** may have a roll bar, halo bar, and/or a cage, but they must be built within the parameters of rule # 38, and rule # 39.
- (A) Roll bar or halo bar may have kickers that extend as far back as the front spring perch in the box and be attached to the frame. It can then extend forward and attach to the dash bar.
 - (B) Vertical down legs on cage must be (welded or bolted) to the floor sheet metal only and they may not conceal the body mounts. If inspectors feel your uprights are working as a kicker, you will be told to cut them.
 - (C) NO cage components may be connected to or welded to the trucks frame, except that part of Rule # 39 (A).
40. For safety, all trucks may have a maximum two (2) vertical front windshield bars extending from the roof of the truck to the firewall, straps cannot be any larger than 1/4" x 3". No more than 6" of strap material allowed on the roof and no more than 6" of strap material allowed on the firewall. These straps may be welded or bolted.
41. All truck cab and truck box seams, interior and exterior may be welded. The cab and box may be welded together, and use a fill material to fill in the gap between the cab and box.
42. Any hole in the firewall may be closed, using material the same thickness or thinner. This material may be bolted or welded.

DOORS

43. All doors must be welded, strapped or chained shut. **ONLY ONE APPLICATION IS TO BE USED.** Tops of doors may be beat down and welded with no added metal.
- (A) If welded: The entire door may be welded and 3/8" filler rod may be used in the gap to achieve a bead.
- or
- You may weld the door with metal no more than 3" wide **MAXIMUM**, to cover the gap (just wide enough to cover the gap) and weld on both sides of the strap. This metal must not exceed 1/4" thickness.
- (B) If bolted: The door may be bolted **IN A MINIMUM OF 2 LOCATIONS**. These bolts must be a **MINIMUM** of 5/8" or a **MAXIMUM** of 1" for safety.
 - (C) If chained: The door may be chained **IN A MINIMUM OF 2 LOCATIONS** of the and the **MAXIMUM** sizes of chain to use are 3/8' for safety.

44. The driver's doors may be reinforced on outside of the truck.
- (A) The door may have a bar or pipe attached on the outside:
 - (1) On conventional truck cabs, this bar or pipe must not extend past the cab on the back door seam.
 - (B) On Extended cab trucks, SUV's and Vans, this bar or pipe must not extend more than 12" (twelve inches) past the driver's door seam.
 - (3) These pipes and bars must be cut at 45- degree angles on their ends to prevent being hooked by another truck. Any outside reinforcement that is ripped off resulting in the door skin being ripped off will be immediately black flagged from that heat.
 - (B) If plated. Plating must no extend more than 6" (six) beyond the door seams.

TAILGATES

45. Tailgates must be welded, bolted, or chained securely to box or removed. **ONLY ONE APPLICATION IS TO BE USED!!**
- (A) If welded: The entire tailgate may be welded and 3/8" filler rod may be used in the gap to achieve a bead.

or

You may weld the tailgate with metal no more than 3" wide **MAXIMUM**, to cover the gap (just wide enough to cover the gap) and weld on both sides of the strap. This metal must not exceed 1/4" thickness.
 - (B) If bolted: The tailgate may be bolted **IN A MINIMUM OF 2 LOCATIONS**. These bolts must be a **MINIMUM** of 5/8" or a **MAXIMUM** of 1" for safety.
 - (C) If chained: The tailgate may be chained **IN A MINIMUM OF 2 LOCATIONS** of the tailgate and the **MAXIMUM** size of chain to use are 3/8" for safety.
 - (D) You may change coil springs to a stiffer spring, you may double the rear springs (they may be tied together in no more than two spots, (do not weld them together, or put spacers in sagging coil springs to get your height), do not raise the suspension any other way except what is listed above.
 - (E) Rear differential control arms may be reinforced. If you reinforce your control arms, you must build them starting with a stock set. They may be shortened or made be longer.
 - (F) Any truck with a rear coil spring suspension may be converted to a leaf spring suspension. This conversion must be a clean conversion with minimum amount of alteration to the trucks frame. The original frame must be used. Changing frames will not be allowed.

BODY REPAIR

46. When repairing damaged trucks: Rust holes or metal tears may be patched. Use a **MAXIMUM** of 1 layer of stock metal to patch rust or tear, use only enough metal to patch hole or tear or just weld it.
- (1) Any material used for used for this rule must be from a donor automobile or truck. **NO VIRGIN STEEL WILL BE ALLOWED!!!!**

WARNING

47. If a truck is found to exceed rule # 46, by having more than one skin, the **truck will be disqualified!** If a truck is disqualified at the back gate during pre-derby inspections there will be **NO REFUND OF THE ENTRY FEE.** If a truck is disqualified during, or after the derby and that truck has won some money, that particular truck **will have forfeited all winnings.**
48. Any truck, having passed the pre-derby inspections, allowed to enter the pit area and then later finding it to have been illegally altered will **be disqualified!** Any money that might have already been won, by that particular truck, will **be forfeited!**
- (A) Any money forfeited, will be redistributed. All purse money advertised will be awarded.

TRUCK IDENTIFICATION

49. Trucks will be numbered and sponsors names put on it if desired. The use of numbers only will be allowed to identify a truck, no letters will be allowed. Any letter behind a number will not be recognized. Any number between 0 and 999 may be used. All other numbers must be cleared prior to the derby. If a particular number is desired, be the first one to register that number. Numbers must be placed on both front doors, DRIVERS and PASSENGERS. **The numbers must be a minimum height of 16" tall** and a contrasting color to the color of the truck, (i.e. light colored numbers on a dark colored trucks and dark numbers on a light-colored truck).
50. Trucks must have a roof top number sign with the drivers registered number on both sides of the sign and installed securely. **This will be enforced.**
- (A) Signs must be a minimum size of 16" X 16" and securely attached.
- (B) Numbers must be a minimum of 12" high and 2" wide. The numbers must be side by side, not vertical or at an angle.
- (C) **Black numbers on white background or white numbers on black background.**
- (D) The size of the sign can be the minimum for just placing the truck number on it or larger if you wish, for advertising purposes.
- (E) Sign must be visible to read when standing on either side of the truck.