

# 2019 Truck Class

## Restrictions & Preparation Requirements

### Trucks Allowed

1. In 2019 all full sized trucks are allowed. This includes all full sized ½ or ¾ ton pickups, vans, suburbans. Astro and Aerostar vans are allowed. Dodge Dakotas are considered a full size truck. **No leaf spring front end trucks. No kickers, gussets, plates or welds to be added anywhere other than where specified. Excessive material will result in disqualification.**
2. Not allowed: jeeps, convertibles, mini trucks (like S-10 and Ranger) dual wheeled or “1 Ton” trucks.
3. Trucks previously run in derbies MAY be considered too badly damaged and deemed unsafe to compete. In such cases, the vehicle will be disqualified. Call or email with pictures first.
4. As in all Sunderland classes, a vehicle ownership must be on hand in case of vehicles’ year issues.

### Vehicle Prep

**The referees or Fair Board’s decision is final when inspecting vehicles. Do not put yourself in a disqualification position by attempting to bend or ignore the rules.**

1. Preparation of the vehicle must occur before the vehicle arrives at “the Fairgrounds”. This includes painting of the frame repairs as outlined.
2. All **repairs** must be with stock style components. No reinforcing.
3. All **flammable** material must be removed from the cab area except the dash, driver’s seat and seat belt. All debris, including in the doors and box, must be removed.
4. All **air bags** to be removed.
5. Trailer hitches, plow attachments and frame reinforcements to be removed.
6. All **glass**, windows, mirrors, trim, lights, antennas, ornaments, bezels, (both interior and exterior), must be removed (including bulbs).
7. The **AC** system must be drained.
8. The **cooling system** must be flushed of antifreeze and replaced with water only. Radiator must be in its original position or removed. The over flow tube must be secured to direct the coolant to the ground. No additional protection except stock AC condenser. No reinforcements or guards. Stock type radiators only.

9. **Belt driven fans** may be used as long as the hood is securely in place. **No hood. No belt driven fan.** An electric fan may be used in place of the belt driven fan.
10. Driver's **door** must be painted white, passenger optional (for ease of seeing the number).
11. A CSA approved **fire extinguisher**, with properly functioning gauge, (ABC) must be properly secured within reach of the driver.
12. One 12 volt **battery** must be properly secured to the front passenger floor board area in a box. This area must be clear of all fuel system parts. Once the inspection has been completed, this battery will be covered with a non-flammable material shield to control possible splashes. One 12 volt battery only.
13. The **stock fuel tank** must be removed with all loose fuel lines and straps. It is to be replaced with a CSA approved steel marine fuel tank, plastic approved fuel tank, custom fuel tank or racing fuel cell.
14. An opening 6" larger than the tank must be made in the box to allow the tank to be bolted to the frame. For suburbans or extended cabs, the tank must be securely mounted in the rear passenger, centre area. Once the inspection has finished this tank will be covered with a flame-resistant splash proof cover. **No leaks**, must not move. Note: Approved plastic tanks must be protected from the floor with a rubber mat.
15. All **fuel lines** must have leak proof fittings with steel or approved rubber fuel lines (no clear lines). Lines must be inside the vehicle if possible and protected. For electric fuel systems, a **red** safety shut off switch, for the pump, must be installed on the roof in the centre of the windshield opening for officials' safety purposes. The fuel pump must be isolated and all components covered with a non-flammable material. Any leaks at any time will result in immediate disqualification.
  
16. **Engine swaps allowed.** Full engine cradles, protectors and transmission braces may be used. Solid motor/trany mounts may be used. Engine cradles, protectors and braces must only mount to the cross members in the factory locations and must not come into contact with any part of the frame or body. These are meant to protect the drivetrain only, **not reinforce the truck.** Distributor guards must be 2" from the firewall on a fresh truck. Motor mounts can be welded or chained. If swapping engines, 1 plate on each side can be welded to the cross member to allow for engine mounts. **No reinforcing** of the cross member. A slider shaft may be used.
17. **Hoods** must remain open for inspection. Hoods require a 12" opening in the centre. Hoods will be fastened down in a maximum of 8 locations using seatbelt, wire, chain or bolts. Threaded rod through the rad cradle and hood count as a location. Hoods and rad supports may be wired to the bumper in 3

- spots. **Rad supports** must only be bolted in, **no weld. Hoods are not mandatory**; however, if removed, **belt driven fans must also be removed.**
18. **Tailgates and rear hatches** can be fastened in the closed position in a maximum of 6 spots. 3" x 3" plates if welding. Rear bumpers can be wired to the tailgate in 3 spots. Tailgates can be laid flat on the box floor and fastened through the frame with 2 x 3/4" diameter lengths of threaded rod using 4" x 4" plates.
  19. **Box sides** can be folded in and fastened through the frame with 2 x 3/4" lengths of threaded rod. 2 extra body mount bolts 3/4" with 4" x 4" plates can be added to the box floor in any location.
  20. **All doors** must be fastened shut with wire, seatbelt straps, chains, bolted or welded with 3" x 3" plates in 6 locations **maximum per door**. A maximum 12" x 72" x 1/4" thick steel plate may run horizontally down each side (**outside the cab**) and **must** come in contact with the front fender. It can be bolted in 4 locations and can have a 1" weld every 16" to fasten it to the door/doors.
  21. A steel bar or chain must be bolted or welded from the cowl to the roof in the front windshield opening to prevent the hood from coming in. A strong steel wire mesh may also be added for this purpose.
  22. Transmission **coolers** may be repositioned but if in the cab must be covered with a non-flammable cover to protect the driver from pressurized leaks. Transmission dipstick must be secured and have a redirect to take hot fluids to the ground.
  23. **Suspension systems** must be stock with movement in the front. Stock style leaf springs in the rear. Stock style spring hangers/shackles must be bolted, no welding. Original style tie rods can be replaced or reinforced. Steering column may be altered. **All other suspension and steering components must be stock. No leaf spring front ends.** Rear coil spring suspension can be converted to leaf spring using stock style components and bolts, no welding of hangers/shackles. Leaf spring clamps are allowed, 4 per wheel maximum.
  24. **Ride height in the rear must be no lower than 24" to the top of the bumper.**
  25. **Differentials** must be stock. Gears can be welded. You may weld or U bolt a piece of "c" channel across the back of the differential tubes and welded around the pumpkin. A slider driveshaft may be used. 4 x 4 front wheel drives must be disabled by removing the axle shafts and the front driveshaft.
  26. **Frame repairs are allowed but cannot reinforce the frame. Maximum of 4 repair locations only using 4" x 4" plates 1/4" thick. Only 2 plates may be used per repair on 2 sides of the frame only. Repair locations must be a minimum of 12" apart. ANYTHING OUTSIDE THESE GUIDELINES AT ALL WILL BE CUT. If there is no visible damage don't weld it; you will be loaded back on the trailer.**
  27. **Body Mounts** and bolts are to be stock. Rusty or broken bolts may be replaced using factory sized bolts and washers. 2 extra body bolts may be added inside the cab bolted through the floor and frame using 3/4" threaded

rod and 4" x 4" plates. The back of the cab can be bolted to the box in 2 places with ¾" threaded rod and 4" x 4" plates.

28. **Wheels** - all wheel weights must be removed. Air filled only. No split rims. No bead locks or rim guards. No solid tires. No triple sidewalls on drive tires. No studs. Weld in wheel centres allowed. Double tires and tubes are allowed. Skid steer tires allowed. **No excessively aggressive tread types.**
29. **Cage** - all material used will be 4" x 4" maximum you may weld a dash bar post to post but not secured to the firewall or window bar. You may put a bar **directly** behind the seat with a maximum 4" gap between the seat and the bar welded post to post. You may weld a bar from the dash bar to the seat bar down each side (**inside the cab and not welded to the doors**) to create a **square around the driver**. A bar can be added from the centre of the dash bar to the centre of the seat bar for mounting a shifter. This cage may be welded to the floor or frame in 4 locations but all down bars **WILL NOT** extend farther forward than the dash bar or farther back than the seat bar. A halo bar can be welded up and over the roof from the seat bar and bolted in 2 locations to the roof. If the gas tank is mounted inside the cab a floating tank protector can be welded from the seat bar only around the tank. There must be a 6" gap from the floor, a 6" gap from the back of the cab and a 14" gap from each door. Excessive material/gussets will not be allowed for anything stated above.
30. **Bumpers**. Any car or truck bumper can be used, or you can use a maximum 4" x 4" straight/flat piece of square tube 50" in length as a front bumper welded directly to the end of the frame rails. **You may only use one or the other, square tube OR a factory car or truck bumper.** Bumpers may be seam welded but no loading or stuffing. Any extra material will be cut off. You may weld 1 plate 6" long x 3" wide x ¼" thick and one piece of 3"x 3" square tube, 6" long per frame rail to help secure the front bumper. Rear bumpers may be removed or replaced with a maximum 4" x 4" square tube welded between the frame.
31. Bolting of the **body panels is not allowed.** No extra bolts, screws or other fastenings.