

Drumheller Stampede and Ag Society

Hit to Pass Rules



1. Safety for spectators, officials, drivers, and crews is our first concern. Fire, flying debris, and impact injuries. Keep these thoughts in mind when you are stripping and building your car.
2. Open to any person 16 years of age or older. Any person under the age of 18 must have a signed release form from their legal guardian and hold a VALID drivers license.
 - A D.O.T. rated helmet in good condition must be worn as well as shatterproof eye protection when competing.
 - All drivers must wear fire-retardant coveralls or racing uniforms.
 - You must be a registered driver in order to compete.
 - Any driver or pit crew found under the influence of alcohol or any other recreational substance prior to or during an event will be disqualified and banned from all future events for the remaining season.
 - If your car does not pass tech inspection you will not be permitted to compete until the problem has been corrected and has been re-tched.
 - Any driver who competes with an illegally prepared vehicle as per these rules, as determined by tech officials, will automatically be disqualified and have all awards removed so we may award the deserved driver.
 - All drivers and cars must be signed in one hour prior to showtime. **NO EXCEPTIONS.**
 - Anything not covered by this rulebook will be up to the official's discretion. If it doesn't say do it then don't do it.
 - Whiners and tattle tales will not be tolerated.
3. Open to any post- 1965 make or model of car – foreign or domestic. Except the following
 - Convertibles
 - Vehicles with T- tops
 - Ambulance
 - Hearses
 - Chrysler Imperials – This **INCLUDES** Imperial sub-frames
 - Pre 1970 Lincoln ContinentalsThere will be **ZERO** tolerance.
4. Mandatory stripping of a car.
 - Remove all glass (windshield optional), lights, lenses, mirrors, and hardware.
 - Remove all body trim, hubcaps, and exterior ornaments.
 - Remove fuel tank.
 - Remove trailer hitch and all mounting hardware.
 - Remove all interior upholstery, plastics, carpet, and trim **EXCEPT** front seat.
 - Prior to tech inspection car must be cleaned of all loose objects, glass, and debris.
5. Building a safe competitive car.
 - The tech judge's decisions will be final.
 - There will be no welding on the car **EXCEPT** where specified – even as a field repair.
 - There will be no reinforcement **EXCEPT** where specified.
 - All vehicles will be checked for working brakes.
 - Minimum 4 point harness

6. Doors, Bars, Rollcage

- All cars must have drivers and passengers doors reinforced with outside steel bars.
- One bar per side max. 5' long.
- Door bars may be made from channel, box, or I-beam steel. Minimum thickness 1/4 ". **No Grader Blades.**
- Door bars must extend a min. of 6" in front and behind the doors.
- Door bars are to be a min. of 6" in height. A max. 3" protrusion from outer door skin.
- Door bars cannot extend into or over wheel well openings and must be bumper height.
- All cars must have a cross brace, extending across the interior, directly behind the front seat.
- The cross brace must be welded or bolted to the exterior door bars from the interior of the car and at the same height as the door bars.
- All cars must have one upright mounted securely from floor to roof behind driver, min. of 2" in diameter.
- All uprights or interior bars must be properly padded where they may come in contact with the driver.
- A properly built rollcage is also acceptable.
- If your door bars come off you are out.
- A driver side window net is mandatory.

7. Battery:

- Battery must be relocated to the passenger side floor securely fastened by nuts bolts and washers.
- Battery must be in a marine type battery box.
- Single battery only.

8. Electrical:

- All cars must have a master kill switch located on rear window dash, drivers side.
- All wiring going through sheet metal must be covered by protective rubber hose.

9. Fuel System:

- Stock fuel tanks must be removed and replaced with a fuel cell and to be secured in the car by 2 metal straps and bolted.
- Fuel cell means racing fuel cell, not boat tank or jerry can.
- Electric fuel pumps allowed as long as they are wired to master kill switch.
- Fuel cells must be mounted in the trunk, as far forward as possible, or in the back seat area.
- Any fuel line inside car or passing through any sheet metal must be covered with a protective rubber hose.
- Rollover valves are recommended
- No compressed fuels, starting fluid systems, or nitrous

10. Cooling System:

- Must remain stock or be removed.
- Anti-freeze **MUST** be drained and filled with water only.
- Fan type optional.

11. Air Intake and Exhaust System:

- Must have an air cleaner assembly with a filter to act as a flame arrestor.
- Exhaust must exit the engine compartment to the rear or side of the car.

12. Bumpers and Radiator Protection:

- Bumpers must remain stock to manufacturer and remain in stock position.
- **NO** inverted or reinforced bumpers.
- Bumpers must be chained to the frame or radiator support.

- One cross bar with two upright bars, max. 2” in diameter may be welded to the frame horns for rad protection.
- Rad protectors **MUST NOT** extend past the bumper.

13. Rims and Tires:

- Stock steel wheels only.
- White spoke rims allowed.
- **NO** racing wheels or tires.
- Rim max. is 8” wide.
- D.O.T. tires only. 8 ply (load range “D”) maximum.
- No studded tires.
- Air only in tires. No additives, liquids, solids, or fillers.
- Tires may have tubes installed.
- Wheel weights must be removed.

14. Engines, Transmissions, and Differentials:

- There will be a \$1000 engine claimer rule in place. So if you dump a pile of money into an engine be prepared to lose it.
- When engine is claimed it must be removed immediately following the race day. A claimed engine is complete from carb to oil pan.
- There are no restrictions on engines. But remember if you don’t want to lose it don’t put it in there.
- No welding of motor mounts.
- Shifter type is optional.
- Differentials may be locked.
- No transmission coolers in the passenger compartment
- Transmission dipsticks **MUST** have a ¾ “ rubber puke tube.
- Firewall must be completely sealed.

15. Steering and Suspension:

- Steering must be stock and in stock position. **NO** alteration or modifications allowed.
- **NO** air or add-on coil cover shocks, reverse or extended leaf spring shackles, or lift kits that raise vehicle above stock height.

16. Body:

- Trunks and hoods **MUST** be securely chained or bolted closed.
- A windshield or screen is mandatory.
- Windshields and screens must be secured with two 1/8 “ x 2” metal straps on the outside of the windshield or screen.
- Every car must paint their numbers on each door and the roof. Numbers must be at least 18” tall and 2” thick.
- Roof signs are acceptable.
- No profanity as decoration or advertising.
- Car numbers must be bright and easy to read.
- Two holes must be cut into the hood, one on each side, for fire extinguisher access. Holes must be a min. of 8” in diameter.
- Must have a minimum 4-point racing harness.

These rules were designed for both rookies and veterans alike. Please play fair.