

2018 Miles City Derby Rules

Saturday August 25th 2:00pm

The following rules are set to ensure fairness, competition, as well as safety.

General Information:

1. Inspection will begin at 9:00am. All Cars will be quarantined after successful completion of inspection.
2. No-one is to be in the quarantine area for any reason unless allowed by the inspectors.
3. Three people will be admitted free, the driver and two pitmen. They must enter the grounds in the tow vehicle. Others will be subject to the gate charge and may purchase pit passes at the inspection zone. Each extra pass will be \$15.00.
4. Drivers and pitmen must be at least 18 years of age or possess written parental consent, all drivers must possess a valid drivers license, and no-one under the age of 12 will be allowed in the pits.
5. Excessive speed in the pit area will result in disqualification.
6. No one is allowed in the arena except drivers of the current heat, judges, and derby personnel.
7. Each pit must have a working fire extinguisher present.
8. Drivers meeting is planned for 1:15pm.
9. **NO ALCOHOL** of any kind will be allowed in the entire infield area. This will force disqualification for the offender and all others involved with his or her team.
10. **NO INTENTIONAL DRIVERS DOOR HITS.** This will be based on the judge's discretion and will result in disqualification. It may result in a lifetime ban if a panel of judges witnessing the act deem it necessary.
11. All cars must have seat belts, shoulder belts are optional.
12. **Drivers must wear FULL FACED HELMETS and EYE PROTECTION is REQUIRED.**
13. Each driver must wear long pants and a long-sleeved shirt. NO EXCEPTIONS. A fire-retardant suit is recommended.

Car Build Rules:

1. **No** Pickups, 4 Wheel Drives, Convertibles, SUV's, Imperials, Or Imperial Subs, Hearses, and 03 or newer Fords are ELIGIBLE.
2. All chrome, glass, door handles, body molding, headlights/tail lights, fiberglass must be removed. **If it isn't necessary for the running of the car, PLEASE REMOVE IT!**
3. All doors, interior, and the trunk must be free of garbage and glass.
4. **Drivers door must be painted WHITE.**
5. Numbers are to be placed on car roof as before for ease of identification by the announcer.

Gas Tanks:

1. Outside Gas Tanks must be removed from the car.
2. The maximum size of the gas tank is 8 gallons. an approved gas tank (plastic or metal) must be mounted inside the car, in the backseat area. The fuel cell must have a roll-over vent of some type.
3. It is recommended that the Tank be mounted inside a steel box to prevent puncture issues.
4. Cars using electric fuel pumps will be marked with an orange "E" by the inspector to alert the fire personnel.
5. All fuel lines are to be double clamped. Must be covered.

Body Panels:

1. Cutting, Bending, and Hammering of sheet metal around fenders and quarter panels will be permitted before the derby inspection.
2. **ALL** doors may be chained, bolted or welded. **No combinations of options. Outside seam welding only. No bigger than half inch bolts or 3/8" chain.**
3. Hoods allowed **8** points, 2 of which can connect to the frame at the core support. Remaining 6 can be bolted or chained, you may use 3/8" chain or 1" bolts. Hoods must be removed for inspection.
4. Trunks allowed **8** points, if bolting your trunk 2 pieces of 1" Redi-rod from the trunk to the frame is acceptable and counts as 1 point each. If chained, no larger than 3/8" chain. Seam welding is allowed, no more than 8 - 3" welds.
5. Inner fender to outer fender bolts cannot exceed 5 bolts per wheel well and no larger than 3/8 in. bolts trimmed flush with the unit.
6. You may attach your hood using 1/8th X 2" X 2" X 4" Angle iron with a 3/8" bolt is Acceptable if it conforms to the 8-point rule.
7. Hood and Trunk washers may be round or square and not to exceed 4 inches.
8. Drivers Door (ONLY) must be reinforced with one grader blade or comparable iron, bolted on only. Reinforcements are not to extend more than 3 inches past the door seams. The derby will be stopped if at any time a driver's reinforcement breaks loose.
9. You must have some cage with uprights to protect the driver. A bar from door to door behind the seat and at the fire wall, and then a bar along the inside of the drivers and passenger door to connect the four Bars, A halo to protect the roof from caving in is mandatory. The cage must not connect to the frame in any way, may be welded to sheet metal only.
10. Window Bars across the outside of the roof must have 2 bolts minimum to the roof. Bracing the roof to speaker deck is mandatory. Braces cannot extend past the speaker deck.
11. A brace from the firewall to the roof is MANDATORY. Maximum of 2.
12. Holes in the firewall are allowed for the distributor, but any holes in the firewall must be covered.
13. Maximum of 8 – 3/8" bolts with 1" washers to bolt inner and outer skin on hood.
14. It is Manditory to have 2 – 12"X 12" holes, or 1- 24" hole cut into the hood for fire suppression.

Suspension, Frame, Steering, and Rear End:

1. Leaf spring clamps must not exceed 4 per each leaf pack.
2. After market shackles **MUST** be removed or at lowest point.
3. Air shock lines **MUST** be cut. Coil over shocks are allowed.
4. Bottom bumper heights can't exceed 24", both front and rear.
5. No coil to leaf spring conversions.
6. Coil springs **MUST** be chained or fastened to axle tube.
7. Factory body pucks may be removed or remain in stock location. Either remove all or leave all, no combinations allowed.
8. Rear frame notching, or dimpling is permitted. **NO** pre-bending of frame is permitted.
9. 5 lug rear ends only. **NO** reinforcement of the rear ends is allowed.
10. Slider drive shafts are permitted.
11. No added body to frame mounts.
12. No trailer hitches.

13. Steering columns may be modified or home-made.
14. Leaf springs may not be relocated from stock location.
15. No Core support spacer allowed
16. No welding K members solid. No extra bolts or pinning on any frame.
17. Seam welding from the back of the A-arms forward is permitted.
18. Front solid suspension is permitted, 3/16"X 2" strap or 3/8" chain, 1 per A-Arm.

Engine, Radiators, and Transmissions:

1. Motor mounts may be fastened securely in the factory position.
2. Radiators MUST remain in the stock location and filled with only WATER.
3. Fans may be removed. Electric fans are permitted.
4. No other Cooling is allowed.
5. No wire mesh is allowed between fans and radiator.
6. Transmission coolers may be used if they are mounted in the rear seat area.
7. Cooler lines MUST run inside the car, and they must be covered, Steel or rated oil lines. No fuel lines to be used for Transmission Cooler lines.
8. No engine oil coolers allowed.
9. Carburetor linkage, transmission linkage, and exhaust systems may be modified.
10. Headers through the hood are permitted.
11. Distributor protectors are permitted but may not be tied into the body or cross bars in any way. A 4" minimum clearance from the dash bar is necessary,
12. No carbonator protectors. Lowered engine cradles are allowed. You cannot go past the water pump, down past the bottom of the oil pan or up past the exhaust manifold. Cradle cannot connect to DP or transmission brace in any way.
13. No full or extreme cradles
14. No steel or aluminum aftermarket bell housings.

Batteries:

1. Batteries MUST BE moved to the inside of the car. They be moved to the front seat area or passenger floor.
2. Battery must be securely fastened to the floor and covered with rubber.
3. No wooden or plastic battery boxes.
4. Maximum of 2 batteries per car.

Brakes:

1. All cars MUST demonstrate the ability to stop and slide 2 tires at inspection.
2. All cars entering the arena will be check again.

Bumpers:

1. Bumper swaps are permitted.
2. All bumpers **MUST** be factory style bumper mounts. All bumpers used **MUST** be passenger car bumpers only. No homemade bumpers allowed.
3. Bumpers may be bolted or welded to the mounts. No added metal.
4. Bumpers may be seam welded. You may weld the outer skin to structure. No material added.
5. Bumpers welded directly to the front frame rail cannot have any reinforcement past the front of the frame rail.
6. No shock reinforcement inside of frame.
7. **No extra weight and/or metal may be added to the bumper.**

Tires:

1. Any air-filled tire is permitted, skid steer tires included. **NO** studded snow tires.
2. 30" maximum height on all tires.
3. Wheel weights must be removed.
4. Tire flaps permitted.
5. Valve stem protectors allowed.

High School/Powder Puff Heat:

1. Any driver under 18 years of age will have a signed Parental Release before inspection.
2. Visit www.WeCrash.com for a mentor's reference guide.
3. Winner and second place driver in this heat advance to the Main. It is optional for each driver but should one or both drivers opt out of the main we will not go to the next place to advance.
4. We recommend that High School drivers have at least 1 adult in his pit. Preferably a parent.

Pre-Run Cars:

1. You may weld 2, 4"X6"X1/4" plates per frame rail. They cannot touch in any way and must be painted bright orange.
2. Pre run cars will be inspected for safety as well as the integrity of the event.

**These rules are a compilation of rules from area derbies to
make car building easier and more uniform.**

If you have any question on rules, please contact:

Jeremy Harms at 406- 853-3256.

**Please do not call the Miles City Chamber
unless you have questions on entering.
Neither Terri nor I can answer car questions.
Thanks, and let's have a FUN and SAFE derby.**