

Limited Weld Rules

Rules for drivers

1. No alcohol is allowed in the pits at any time during the derby. If someone is drinking before the derby or during they will be asked to leave. Save the partying until the derby ends.
2. A driver's safety belt and helmet are required.
3. All drivers must stay in car until heat is over except in case of fire.

Cars

1. Any year or make of car or station wagon can be used. No convertibles, hearses, and ambulances. Imperials are legal and will follow the restrictive build rules.

Car Preparation

1. All glass, taillights, headliners, chrome, and all plastic including inner fenders must be removed. All flammable materials throughout the car must also be removed. Strongly recommend to vacuum the car out before arrival.

Drivetrain

1. Any engine and transmission may be used in any car, but must be mounted within 4 inches of the original motor. Must be mounted securely. Firewall may be cut out to accommodate the engine within reason. All firewall cutouts must be covered that are bigger than 8x8.
2. Motor mounts may be welded. Modified mounts to use any engine in any car will be allowed, but only to secure their positions, not to reinforce the frame and or body. Mounts can only attach to the engine in the factory mounting holes on the side of the engine block.
3. Four (4) 3/8's inch chain (two per side) may also be used to secure the engine. Chain links cannot be welded. One link can be bolted or welded to frame. A cable can also be used instead of chain.
4. If chains are not used, 2 flat straps can be used. 2 1/2 x 1/4 is

maximum. If strap is used, no more than 3 inches can be welded to frame. The transmission mount can be welded, chained, and or cabled.

4. *Distributor protectors are allowed. You can run a dash bar. Must have a 6x6 hole cut in the firewall directly behind the DP. Dash bar must be 8" from DP*

5. Any 5 lug or hybrid rear end can be used. 16 inch wheels allowed. No split wheels. Any ply tire is allowed. Valve stem protectors are allowed. Wheel weights must be removed. No homemade wheels..

6. Coil to leaf spring conversions are legal. See ruling under suspension.

Frame

1. You may weld the frame from the back of upper A arms forward. This weld must not be wider than one (1) inch. Top and bottom of frame can be welded.

2. No welding body to frame.

3. The frame can be patched with $1/8^{\text{th}}$ inch plate extending 2 inches on each side of the damaged area. Must have two inches of the patch not welded for inspection of patch to assure thickness. Repairs can only be two sides of the frame. This frame patch will be checked thoroughly.

4. You are allowed 4 frame patches per frame rail. Must have visible damage to frame rail for a patch or you will cut patch.

5. You may remove body mounts and replace the bolts with no larger than $5/8$ bolt head. Washers size can be $1/8$ inch thick by 4 x 4. Plate can't be welded to frame!

6. No other welding to frame unless noted.

7. Sway bars may not be moved or welded to frame.

Bumpers

1. Factory car bumper. Larger bumpers maybe cut down to fit smaller cars. May interchange bumpers and brackets with any car

except for Imperials. See Imperial rules. Homemade bumpers follow attached rules.

2. You may weld the bumper to the brackets. Brackets can be welded to frame. You may weld the inner and outer bumper skin together.

3. You may mount the bumper shock inside frame rail. But you CANNOT weld a bumper bracket to outside of frame rail.

4. You can weld the rear bumper to body if car came with single layer rear bumper.. Examples 73 and older Chryslers and 72 and older GMs..

5. Two bumper straps are allowed. They may not be bigger than 2 inch wide and 3/8 inch thick. Must not be placed in front of radiator. Only 6 inches can be welded to body and 6 inches to bumper chrome per strap. Keep in mind hood must be removable.

Safety Equipment

1. Factory fuel tanks must be removed or entire bottom cut out. Maximum of a six (6) gallon fuel tank can be used and must be placed inside of the car. Can be secured by bolts. No Plummer's strap allowed.

2. Electric fuel pumps are allowed. Must have cutoff switch near driver in case of fire.

3. Batteries will be relocated to the front passenger floor board. They will be secured and covered.

4. Tranny coolers are allowed. If ice chest is used, it must be covered

5. A cross bar MUST be placed behind driver's seat from door to door. A dash bar can be used. And a connecting bar from dash bar to bar behind driver can be used on passenger side. It may be up against the passenger door. Halo bar is allowed.

6. NO part of the cage can be attached to frame. The plates to mount the bars or cage can be no larger than 6" x 6" and 1/4 inch thick.

7. Two vertical bars must be placed in windshield area to protect the driver. You may have more than two bars.

8. *You may run two vertical bars in the rear window area only.*

Cannot be attached to the truck lid.

Body

1. You may weld the doors and trunks shut by either using 3/8 inch round bar or 1 inch by 1/8 inch flat strap. End gates on station wagon are considered a trunk lid.
2. You may weld all inside trunk seams without making a seam. Wagon trunk is considered from back of rear doors to the tail gate. Wagon storage lids can be welded but must have a 8 x 8 inspection hole. Inspection hole cutout can be rewelded.
3. You may weld all under hood factory seams without the use of extra metal. Sheet metal only. No frame welding unless noted.
4. Outside fender wells can be cut for wheel clearances and may be welded or bolted without the use of extra metal. Bolt size is 3/8 or smaller.
5. You may run two 1" bolts/all thread through the frame and up through trunk lid. It may go through an existing body mount hole. If not you will have to remove 2 stock mounts in trunk, unless your car has unitized frame rails.
6. Patching a used car: patch the hole with no more material than is needed. It should only be about one inch past the cut or hole and all four sides. Same thickness material is to be used for these patches.
7. Drivers door must be reinforced by plate, grader blade or pipe.

Hood

1. Hood must have a cut out near carburetor to extinguish fire if needed. Hood cutout cannot be rolled forward more than 18 inches from front of hood. Cutouts can be rewelded without the use of extra metal.
2. No sliding hood forward. Must be in stock location. Hood will not be welded to bumper.
3. 4 bolts may go to frame and 2 additional bolts may go through sheet metal only. Bolt size for all thread is 1 inch.
4. You may run angle iron to bolt hood down. No bigger than 8 inches long 3 x 3 inch wide and 1/8 inch thick per attaching point. These will count as the 2 sheet metal bolts. The bolts to connect the

angle iron will not exceed 5/8. You may combine bolting with angle but only 6 attaching points.

6. Washer size is 4 x 4 to use on all thread. 1/4 inch thick. These may not be welded to frame..

Suspension

1. You may run a coil to leaf conversion. 9 leafs max.

2. No homemade leaf packs, truck, and or van springs

3. Max of 4 leaf spring clamps per spring. Added metal to frame for leaf spring conversion cannot exceed 1/4 x 3 x 3 plates on each side of frame. If square tubing is used it maybe welded on one side of frame rail. Only one gusset will be used on this attaching point. Gusset dimensions will be 3by3 by 1/8 inch plate. Only one loop of chain can be used per side and can be attached to frame.

2. Leaf springs packs must have factory stagger specs between springs.

General rules

1. Tranny coolers are allowed.

2. Drivers door must be painted a contrasting color.

3. A # must be painted on both front doors and roof. Roof signs allowed.

4. Alteration of steering columns is permitted.

5. Slider drive shafts are allowed.

6. Numbers will be on a first come first serve bases. No duplicating of numbers. Example 20 and 20 D.

7. Radiator must be in stock location if used. Must be a factory radiator, or an aluminum racing radiator ok. No Homemade radiators allowed.

Imperial rules

1. The following rules pertain to **any year** imperial from 1973 and older.

2. A single layer chrome automotive bumper skin can be used.

3. Must be factory bumper brackets. No shock bumper brackets or shocks can be used.

4. These brackets can be shortened and bent to ease the mounting

of bumper. Max of 4 mounting points can be used.

5. No layering, stacking, or folding of bracket to improve bumper strength according to the 4 mounting point rule.

6. If brackets are not visible to inspect the mounting rule, an inspection hole must be cut to inspected brackets.

7. Imperial bolt in sub-frames may be interchanged with other Mopars of similar body style and year (not including station wagons).

8. Sub frames must be bolted to match factory holes and bolt size and not welded in. This would then make it an imperial and all imperial rules apply.

9. Battery boxes may **not be attached** to the sub frame

10. No welding or bolting inner and outer sub frame together

11. Hoods may not be bent down to protect the radiator in any way.

12. No kickers, front or rear

13. Lower engine cradles are allowed- no mid plate

Small car

1. 107 inch or smaller wheel base car can be used. 4 or 6 cylinder cars can be used. 4 wheel drives must disconnect one driveline.
2. Cars with 102 inch wheel base or smaller may weld the hood in. Except for Pacers, gremlins, or any AMC's. Must have a 16x16 inch inspection hole cut. This hole can be used also for exhaust opening.
3. You may use any Compact bumper on any car. It may be cut down to fit the car.
4. All the above rules apply to compacts except imperial rules.
Call if you have any questions. 307-259-2856

Trucks rules

1. Any 2wd or 4x4 trucks, blazer, bronco or suburban will be allowed. If a 4x4 is used you must take out a drive line to make it a 2wd.
2. One ton or smaller
3. Stock type frame, NO heavy Duty frames
4. All the above rules from limited weld will apply to trucks.
5. Box maybe welded to cab with 1 inch wide flat strap.
6. Stock suspension only. No aftermarket lifts kits. Must be removed if there is a lift kit.
7. Max Bumper height of 25" to the bottom of the bumper

Compact Trucks

S10, Ranger, Bronco II, s10 blazer, Mini Van or Similar

1. Follow limited Weld and Truck rules listed above
2. 4 or 6 cylinder engine
3. 2wd, if 4wd remove 1 driveline
4. Factory front bumper height- no lift kit

Driving

1. You will have 2 minutes to make a hit. Being hit does not count as a hit.
2. No more than a 50 foot or so head on is legal. We don't want anybody to get hurt but we want a good show.
3. No hitting of drivers door. **Please** protect your driver's door. Driver's door hits do happen and not all are called. Judges decision is final. Call for clarification on build rules!!

Chain up class Rules

Rules for drivers

1. No alcohol is allowed in the pits at any time during the derby. If someone is drinking before the derby or during they will be asked to leave. Save the partying until the derby ends.
2. A driver safety belt and helmet are required.
3. All drivers must stay in car until heat is over except in case of fire.

Cars

1. Any 1970 and newer Ford, 1980 and newer Chrysler, and any 1977 and newer body GM's except Monte Carlos, Grand Prix, Century, or Omega.

Car Preparation

1. All glass, taillights, headliners, chrome, and all plastic including inner fenders must be removed. All flammable materials throughout the car must also be removed. Strongly recommend to vacuum the car out before arrival.
2. All inside and outside door handles must be removed.

Drivetrain

1. Any engine and transmission may be used in any car, but must be mounted within 4 inches of the original motor. It must be mounted securely. Firewall may be cut out to accommodate the engine within reason. All firewall cutouts must be covered that are bigger than 8x8.
2. Stock motor mounts. Modified mounts to use any engine in any car will be allowed, but only to secure their positions, not to reinforce the frame and or body. Mounts can only attach to the engine in the factory mounting holes on the side of the engine block. Two (2) 3/8's inch chain (one per side) may also be used to secure the engine. Chain links cannot be welded. One link can be bolted or welded to frame OR cable can be used instead of chain. If chains are not used, 2 flat straps can be used. 2 1/2 x 1/4 is maximum. The transmission mount can be welded, chained, and or cabled
3. Any 5 lug or hybrid rear end can be used. No split wheels. Any ply tire is allowed. Valve steam protectors are allowed. Wheel weights must be removed.

Frame

1. No welding of frame unless noted.
2. No welding body to frame.
3. The frame can be patched with 1/8th inch plate extending 2 inches on each side of the damaged area. Must have two inches of the patch not welded for inspection of patch to assure thickness. Repairs can only be two sides of the frame. You will be allowed only 2 patches on the front frame rails and 2 on the back frame rails. This frame patch will be checked thoroughly.

Bumpers

1. Factory car bumpers only. Larger bumpers maybe cut down to fit smaller cars. You may interchange bumpers and brackets with any car.
2. You may weld the bumper to the brackets. Brackets can be welded to frame. You may weld the inner and outer bumper skin

together.

3. Two bumper straps are allowed. They may not be bigger than 2 inch wide and 3/8 inch thick. Must not be placed in front of radiator. Only 6 inches can be welded to body and 6 inches to bumper chrome per strap. Keep in mind hood must be removable.

Safety Equipment

1. Factory fuel tanks must be removed or entire bottom cut out. Maximum of a six (6) gallon fuel tank can be used and must be placed inside of the car. Can be secured by bolts.

Absolutely no Plumbers strap. If used you will not be allowed to run until changed. No excuses.

2. Electric fuel pumps are allowed. There must be a cutoff switch near driver in case of fire.
3. Batteries will be relocated to the front passenger floor board. They will be secured and covered.
4. Tranny coolers are allowed. Ice chest must be covered.
5. A cross bar **MUST** be placed behind driver's seat from door to door. A dash bar can be used. And a connecting bar from dash bar to bar behind driver can be used on passenger side. It may be up against the passenger door. Also two bars can go to rocker to keep the door from hitting battery box from the connecting bar on passenger side. These bars must be placed vertically only. Halo bar is allowed. No bigger than 4 inch square tubing or pipe can be used for the safety bars.
6. **NO** part of the cage can be attached to frame. The plates to mount the bars or cage can be no larger than 6" x 6" and 1/4 inch thick.
7. Two vertical bars must be placed in windshield area to protect the driver. You may have more than two bars.

Body

1. Doors and trunks can be bolted or chained shut. No more than 8 bolts or chain loops can secure each door or trunk lid. Chain size is

- ½ inch or smaller. Driver's door can be welded shut.
2. Trunks can have 4 bolts going through sheet metal. Bolt size is 1 inch or smaller or 6 3/8 inch bolts or 4 chain loops. No bolting inner and outer trunk lid skin.
 3. Hoods may have 2 bolts going to frame and 4 additional bolts or chains going through sheet metal.
 4. No inside passenger compartment welding except for bars, boxes.
 5. Outside fender wells can be cut for wheel clearances and may be welded or bolted without the use of extra metal. Bolt size is 3/8 or smaller.
 6. No welding body to frame.
 7. Drivers door must be reinforced by plate, grader blade or pipe.

General rules

1. Tranny coolers are allowed.
2. Drivers door must be painted a contrasting color.
3. A# must be painted on both front doors and roof. Roof signs allowed.
4. Alteration of steering columns are permitted.
5. Slider drive shafts are allowed.
6. No distributor protectors.
7. Numbers will be on a first come first serve bases. No duplicating of numbers. Example 20 and 20 D.
8. Radiator must be in stock location if used.

Driving

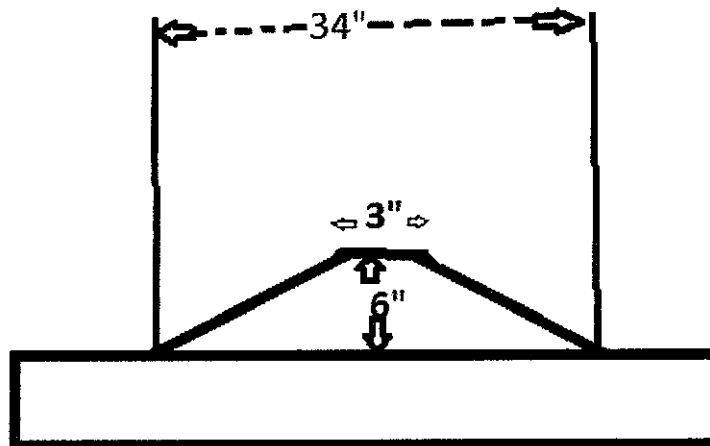
1. You will have 2 minutes to make a hit. Being hit does not count as a hit.
2. No more than a 50 foot or so head on is legal. We Don't want anybody to get hurt but we want a good show.
3. No hitting of drivers door. **Please** protect your drivers door. Drivers door hits do happen and not all are called. Judges decision is final. Call for clarification on build rules!!!

Power Wheels

1. This is supposed to be fun for the kids, Parents, PLEASE don't ruin it for them.
2. This is for kids ages up to age 8
3. Derby is limited to 6 or 12 volt power wheel only.
4. No added reinforcement for strength let the kids have fun painting them.
5. Stock tires only, no screws in tires, No Chains, Etc.
6. Do not raise or lower. Power Wheels must sit like it came from the store.
7. Stock battery can be replaced with 12 volt lawn mower battery. Batteries MUST be secured.
8. Helmets are mandatory, bicycle helmet is ok.
9. Seatbelts are recommended.
10. No Passengers.

Call if you have questions 307-259-2856

Homemade bumper rules for all classes except chain up



1. If homemade bumper is used, must follow guidelines
2. Max 5x5 square tubing- not to extend past the middle of tire on either side
3. Max thickness 3/16"
4. Point must taper in form 34" wide to a max of 6" from front of tubing with a 3" blunt point
5. Mounting of a 4"x8" 1/4" plate can be used to mount bumper- 1 per frame rail or weld solid to frame horns

6. If bumper doesn't follow these guidelines, it will NOT run

Driver's entry form

Driver's name _____

Address _____

City _____ State _____ Zip _____

Phone # _____ Car # _____

Class: Limited weld _____ Small _____ Chain up _____

Trucks _____ Compact Truck _____ Power Wheel _____

Year _____ Make _____ Model _____

Sponsors _____

Driver's signature _____

\$65 Entry

Includes two pit passes

Start time is 4:00pm

Must be checked in and inspected by 2:30pm

Please send to:

3858 Sand Drift Circle

Evansville, WY 82636

Curtis Day @ 307.259.2856