

USA Figure-Eight is promoted as a spectator's thrill attraction. In the interest of safety and sportsmanship anyone entering is subject to and must obey the following rules and regulations which are set up by the promoter and track where this event is being held. The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the conditions of all events, and, by participating in these events all participants agree to comply with these rules and/or regulations. Furthermore, all participants agree that their entries (driver, car, and pit crew) will comply with these rules. No express or implied warranties of any kind, including but not limited to express or implied warranties of safety shall result from publication of or compliance with these rules and/or regulations. They are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant, spectator, or official. The race director, judges, stewards, and officials shall be empowered to permit minor deviation from any of the specifications herein or impose any further restrictions that in their opinion do not alter the minimum acceptable requirements. No express or implied warranties of any kind including but not limited to express or implied warranties of safety shall result from any permitted deviations of specifications. Any interpretation or deviation of these rules is left to the discretion of the officials. Their decision is final. A participant is any person taking part in any event of a USA sanctioned track in any form, including but not limited to, drivers, car owners, mechanics, crew members, sponsors, track officials or pit area observers. All persons shall be considered public figures who have by their own choice become involved in auto derby events at a USA sanctioned track with the full understanding that he or she must abide by the rules and regulations established and published or announced by the USA Demolition Derbies staff & officials. All participants are considered to be responsible for their personal conduct & safety. A waiver and release of liability and indemnity agreement must be signed by each participant at the time of registration. Waiver and release of liability and indemnity agreement (posted). Please read.

1. An entry fee will be charged for each car. Entry form to be filled out and mailed or returned (limited to specific cars on entry form). All drivers and pit crew members must be 16 years or older and must be able to provide proof of age and picture identification (Driver's License or Secretary of State I.D. Card). Drivers under age of 18 must have legal guardian sign a release form to participate in the event . NO EXCEPTIONS. Driver must furnish his/her own car. Only one entry per person. Officials reserve the right to accept or reject any and all applications. Furthermore, officials or the hosting Fair, reserve the right to revoke or cancel any entry or participant's claimed right to be on the track premises if it is felt or determined that a participant's presence or conduct is not in the best interest of the sport of auto derbies, the other competitors, the spectators, track management and/or employees.
2. Only driver and pit men who sign release sheet will be permitted in the pit area or on the track. No spectators are allowed in restricted pit area. All persons entering pits must sign waiver and release, have a duty, and meet the minimum age requirements. Enlarged waiver and release of liability and indemnity agreement (POSTED). Please take the time to read it.
3. The driver is responsible for the actions of his pit crew in all respects. The driver shall be the sole spokesperson for his/her car owner and pit crew in any and all matters and must talk with the chief USA track official in charge regarding their conduct or behavior.
4. Any participant who defies or violates the intent or spirit of the USA rules shall be considered to have engaged in unsportsmanlike conduct and shall be dealt with by the USA track officials depending upon the nature of the infraction. Unsportsmanlike conduct may result in disqualification and/or suspension.
5. No participant shall subject any USA official, track employee or sponsor to any abuse or improper language at any time. Any participant who assaults or threatens any USA official, track official, track employee or sponsor may be disqualified and/or suspended.
6. Anyone entering the pit area must be properly attired at all times. Must wear at least a T-shirt,

- long pants and closed toe shoes. NO short pants, tank top, or sleeveless shirts allowed.
7. During competition, driver must wear a long -sleeved shirt, long pants and closed toe shoes. A fire proof suit is recommended.
  8. The Figure-8 will be run around two objects, one at each end of the track, consisting of a number of laps per heat and a feature heat that will be announced at drivers meeting.
  9. No cars are permitted on the track before officially called for their heat.
  10. Members and entrants of the USA Figure-8 are not employees of the promoter nor the sponsoring track, but are considered to be independent contractors.
  11. Any driver, car owner or mechanic who takes part in any demonstration or fights on the track, in the pit or surrounding premises before, during or after a race shall be subject to suspension.
  12. Anyone under the influence of intoxicating beverages or drugs prior to or during the show disqualifies the car and crew of the offending party. (Including prescription drugs)
  13. Trophies will be given to heat winners, with prize money going to every driver of the feature.
  14. Heat winners must drive the same car in the feature heat that they drove in the qualifying heat.
  15. There will be no hitting of the driver's door or head on crashes. This will lead to disqualification and possible suspension.
  16. All cars must be removed from the track and pit area at a time to be announced at the driver's meeting. Be advised that salvage will be available at the event should you choose to use same. Failure to remove your car within the time specified at the driver's meeting will result in its removal at your expense.
  17. The promoter, track owner, or the Fair Association will not be held responsible for any cars, parts or personal property, before during and after the show or overnight.  
A drivers' meeting will be held approximately 1/2 hour before show time. All drivers must attend. Failure to attend results in disqualification.
  18. NO pit board signs allowed -- NO two way radio or cell phones allowed in car during competition.
  19. The decision of the race director, judges, stewards, and officials of USA Demolition Derbies LLC. will be final.
  20. Any driver or pit crew member in violation of any of the USA Figure-8 Drivers Participation rules and/or Safety and Set-Up Preparation of Car rules may lead to disqualification and/or suspension.
  21. All injuries must be reported to USA officials before you leave the event area.
  22. These rules supersede any and all rules previously used. Rules subject to change without notice according to USA Figure-8 officials

RULES CAN BE OBTAINED AT THE USA OFFICE (586) 531-0384, OR DOWNLOADED AT [WWW.USADEMODERBY.COM](http://WWW.USADEMODERBY.COM)

The Regular RWD Figure-8 Derby Class is designed for the use of V-8 automobiles with a maximum 116 inches wheelbase ONLY. No 4x4's, All Wheel Drives, SUV's, FWD or Convertible

#### SAFETY & SET-UP PREPARATION **Turn Back Time RWD FIGURE-8**

1. STOCK GAS TANK MUST BE REMOVED. An auxiliary tank must be placed on floor pan from mid line of car interior to left side of vehicle behind the driver's seat and no further rearward than the front of rear axle.
2. Auxiliary tank must be of steel or a designated plastic fuel tank. Portable marine outboard tank recommended or racing cell.

3. Auxiliary tank must be securely fastened to floor pan or securely mounted to cage ( See cage rule for mounting fuel cell to cage).
4. ALL GAS LINE THROUGH INTERIOR OF CAR MUST BE STEEL OR BRAIDED STEEL. However, a maximum length of twelve inches (12") of non-steel/braided steel gas line hose and clamps can be used for coupler (connection) off the auxiliary tank.
5. PUMP GAS ONLY. Tank must have a secured cap and all gas lines and fittings must be leak-proof.
6. Auxiliary tank must be completely covered and cover secured such that it precludes gasoline from splashing on driver in the event of rupture. Auxiliary tank cover must be removed for vehicle inspection.
7. ABSOLUTELY NO one (1) to five (5) gallon carrying gas cans allowed for auxiliary tank.
8. Any leakage of fuel will lead to immediate disqualification of car. Electric fuel pumps must have on/off switch. Must be within driver's reach and labeled.
9. ALL GLASS MUST BE COMPLETELY REMOVED FROM AUTOMOBILE. Includes mirrors, tail and headlights, windshield (mud screen is permitted), all door glass (simply rolling door glass down is not allowed) and any broken glass inside automobile must be removed.
10. Mandatory chain or cable must be installed between roof and cowl (middle of windshield) to prevent hood from entering driver's compartment. No bars or type of bars allowed.
11. Driver's window net, if used, must be WEB STYLE and quick release. NO steel, screen or permanent fixture of any kind over driver's door window opening.
12. Safety glasses, goggles or shield must be worn for eye protection and a full face helmet (DOT).
13. Seat belt (LAP BELT ONLY) or 5 point harness is recommended and full helmet with chin strap are required. ( NO SINGLE SHOULDER HARNESS ALLOWED)
14. Chrome moldings, ornaments, door handles, or plastic components must be removed. Any protruding front or rear frame horn must be rounded or flattened.
15. 4 point square cage is mandatory, overall length is 60". This will consist of a bar behind the seat, a bar in the place of the dash and a horizontal bar on each side of the car, connecting the bar behind the seat and dash bar. The cage must be kept inboard of the car, no bars allowed between the door skins. Horizontal bar on drivers side may kick out to the outer door skin. Cages must be at least 6" of floor board. Each cage will be allowed up to 4 down legs welded to the frame. It is mandatory that each cage has at least 2 down legs from cage to frame in front door area ( 1 LF door and 1RF door area). Down legs may only be welded to top of frame. No recessing legs into frame. Cage materiel can not be larger than 6"x6"x3/8" max. Cage may not be any smaller than 2"x2"x1/4" minimum. Cage may not connect to the drive train in anyway.
16. Gas tank mounting to cage may not be connect to the floor. Any gas tank/ fuel cell being mounted off cage must be 6" from any sheet metal/ frame of car. Gas tank holder may only connect to the cage.
17. Rollover bar is mandatory, no exceptions. This will consist of 2 upright bars welded to the bar behind the seat. A horizontal bar will then be welded to join the 2 upright bars. The upright bars may go thru the roof or out the side window openings. A single bar will be allowed to be welded to your rollover bar and then come forward and weld to your dash bar only ( no wire or cable will be need in windshield area in bar is put into place). Rollover bar may be bolted to the roof in 2 spots and the bar coming forward in 1 spot ( 1/2" bolts, nuts and 3" max diameter washers). Rollover materiel can not be larger than 6"x6"x3/8" max. Rollover may not be any smaller than 2"x2"x1/4" minimum. Cage may not connect to the drive train in anyway.

#### Body

1. No adding of metal, weld, or any material/ substance that will strengthen the body. Only stock AC condenser will be allowed in front of the radiator.
2. Doors may be welded shut by 3"x1/4" max strapping ( OUTSIDE DOOR SEAMS ONLY).

- If you choose not to weld doors shut, you must wire (4 strand per hole max), chain ( 1 loop) or seat belt doors shut in at least 4 spots per door.
3. Trunk may be welded shut by 3"x1/4" strap max. If you choose not to weld trunk shut, you must wire (4 strand per hole max), chain ( 1 loop) or seat belt trunk shut in at least 4 spots . You will be allowed a 3"x18"x1/4" strap from trunk lid to the bumper. 1 per side of trunk lid ( total of 2 straps). All trunks must have a 12"x12" inspection hole (You may use 8-3/8" bolts,nuts and washers to attach sheet metal together around hole).
  4. Hoods may be fasten shut in 6 spots. You may wire hoods in 6 spots (sheet metal to sheet metal , 4strands max). Hoods may be bolted shut in the following way: you may weld 1/2" all thread to a 4"x6"plate and weld to sheet metal only to help hold hood shut. 6" washers max to bolt hood shut. All hoods must have a 12"x12" hole in them in case of fire ( 8-3/8" bolts, nuts and washers will be allowed to bolt sheet metal together around the hole).  
**HOODS MUST REMAIN ON CARS AT ALL TIMES.**
  5. Body mounts may be removed or replaced with mount no larger than factory size mount. Body bolts may be replaced with nothing larger than 1/2" all thread or bolts and nuts. Washers may not exceed 3" diameter max. Body bolts may only go thru 1 thickness of frame. Front core support body mount may come thru the front hood as a hold down ( this will count as 2 of 6 hold downs). 1 piece of 2"x2"x1/4" angle iron may be put on top of core support and welded. Angle iron may only be 2" wider than factory core support body mount holes. No other body bolts may exceed the length of 10".
  6. No shorting body in trunk area, must be factory length for that yr, make and model. Wheel openings may be cut for clearance, rolled up, and welded back together. No body shaping will be allowed. Firewall sheet metal may be cut and pounded back for distributor clearance, no welding or bolting ( All holes must be covered).
  7. Floor boards must be adequate under drivers seat and feet. Floors and body panels may be patched. This must be done with the same thickness sheet metal. It may only be welded, bolted or riveted into place ( only 1 of the 3 methods may be used). Sheet metal may only overlap 1/2" onto good sheet metal for repairs. All rusted sheet metal that is rusted and being replaced must be cut out.

#### Frame

1. No adding of metal, weld, or any material/ substance that will strengthen the frame (unless stated in the rules).
2. Hump plates will be allowed on frames. Hump plates will be allowed up to 22" long max, must be centered over hump, follow contour of hump, only height of frame and no thicker than 3/8" thick. Hump plates will be measured straight across hump ( from end of hump plate to end of hump plate).
3. Only a stock car bumpers will be allowed on the front and rear of cars. **NO CHRYSLER PONTY BUMPERS ALLOWED.** Bumpers may be seam welded, no adding any material/ substance to strengthen bumper. Bumper shocks may be collapsed and welded. Bumper shocks can be welded to frame and bumper. Only rear bumpers may be replaced with a piece of steel no larger than 6" diameter and can not be wider than the rear of body.
4. Push bars will be allowed on front of cars. Push bar may be no larger than 2"x2"x3/8" square or round tubing. Push bar will consist of 2 upright bars no wider than the frame rail and no higher than the core support. A horizontal bar connecting the 2 upright bars. You will be allowed 2 bars ( 1 per side) off the push bar, angling back into the engine compartment. These bars may be only 18" long and weld to the top side of the frame only. Bars may not recess into frame at all.
5. Fix it plates for bent frames will be allowed. This will only be for frames that are truly

bent. Fix it plates will be 4"x6"x1/4" max for a total of 6 per frame max, 3 per frame rail ( frame rail is from front bumper to rear bumper). If the frame has been plated and wasn't bent, the plate and weld will be completely removed.

6. Used cars that have rear ends bending down have 2 options to repair;  
Option #1 straighten back to stock position and use fix it plates( if your fix it plates aren't already exhausted).  
Option #2 Roll the rear end up so it can pack in. Sheet metal may be cut for wheel clearance.  
Cutting the rear 1/2 of the car off isn't allowed.

#### Steering and Suspension

1. Steering and suspension must be for that year, make and model of car. No homemade/ fabricated parts will be allowed. No reinforcing of steering or suspension unless rules state the modification. No racing steering or suspension allowed.
2. Ball joints must be direct bolt into spindles without enlarging tapered holes. Ball joint may only be secured to a arm as it came out of the factory.
3. Tie rods must be factory ends or equivalent replacement from auto parts. No enlarging taper in the drag link or spindle. Tie rod ends may be welded solid to sleeves.
4. Only factory steering columns and shafts will be allowed. No quick steers allowed or steering knobs allowed. A (1) steering knuckle (universal) may be added to the steering shaft. This knuckle must be a factory knuckle that came off the factory assembly line (no aftermarket).
5. No racing shocks allowed, must be factory shock, for that yr, make and model.
6. Trailing arms may be reinforce with 1/8" flat stock steel. Entire factory trailing arm must be used along with factory bushings.

#### Wheel and Tires

1. Only factory rims will be allowed without weld in centers. Valve stem protectors will be allowed ( may not strengthen entire rim).
2. All wheels must have 1" lug nuts.
3. Any tire will be allowed except V tread tires or skid steer tires. Tubed tires are allowed. No solid or foam filled tires allowed.
4. ALL CARS MUST HAVE A FULL WIDTH MUD FLAP ACROSS REAR. MUD FLAP CAN NOT BE MORE THAN 3" FROM THE GROUND. THIS IS NOT ONLY TO PROTECT THE USA CREW BUT YOUR LOVED ONES IN THE STANDS!!

#### Engine, Trans and Drive line Component

1. Any motor and trans may be used in any car. Motor and trans must be mounted within 4" of factory location. Absolutely no protectors or skid plates allowed on motor or transmission. Mounts may be bolted or welded to K frame only.
2. Factory motor mounts must be on the motor and transmission. No homemade/ modified/performance motor mounts can be used. You may use 2-12" chains per side of motor to help hold motor into place ( no more than 2 links can be welded to the frame per chain), or you may use #9 wire from headers/ manifolds to frame.
3. You may use 2"x2"x1/4" max for transmission cross member. This will only be allowed to weld directly to 1 thickness of the frame ( tube can not recess into the frame).
4. No bare wires allowed for starting and shutting down engine (must have switches).
5. Aftermarket shifters are welcome.
6. Stock drives shafts only. Shafts maybe cut and re welded to shorten or lengthen.
7. No aftermarket brake or gas pedals allowed, pedals must be factory.
8. Transmission cooler may be mounted inside of car. Cooler lines must be a high pressure

line if cooler is mounted inside of car.

9. Battery must be securely mounted to front passenger floor or mounted on cage inboard. Battery must be covered with rubber mat.

10. All cars must have air cleaner over carburetor at all times.

11. All cars must have breaks at all times and must be able to demonstrate breaks do work.

#### Rear Ends

1. Any factory made rear end housing may be used as long as it bolts directly into car without modifications. No welding perches or bushing to bolt housing into car. 5 lug max rear ends.

2. Aftermarket gears, axle shafts, bearings and brass bushings are allowed.

3. Rear ends will be allowed 1 brace only 2"x2"x1/4" square tubing max. This brace will be allowed on top, back or bottom of housing. Axle tubes may be weld to center section as well. No other fabrication of rear end will be allowed to strengthen, This includes thicker axle tubes.

4. No pinion breaks allowed.

Officials decision is final.

Do not read into these rules. This class is meant to be quick, easy and as affordable as possible

Questions Contact Jack @ 586-531-0384text or call.