

HOLLYWOOD MOTORSPORTS DEMOLITION DERBY ENTERTAINMENT, LLC Full Size Limited Weld

Rules for county fair and Paws for a Cause only!

Attention check website schedule to determine if this class is offered at your fair

Vehicle Preparation

- Remove all glass, chrome, plastic, moldings, headliner, flammable material, A/C coolant, antifreeze, trailer hitches and interior decorating.
- Stock gas tank must be removed. A small metal tank must be mounted in the rear seat area. The tank must be very secure and covered. **Use proper rated fuel lines**, plastic tanks must be in a metal box. **NO EXCEPTIONS.**
- Electric fuel pump allowed but switch must be clearly marked on/off.
- No more than 2 batteries allowed, which must be relocated to the front passenger floor, secured and covered.
- Floor shifter allowed.
- Ignition and wiring modifications (hot wire) allowed.
- Hood must have a 12" x 12" minimum hole to easily extinguish fires.
 - Extra hole(s) in the hood are not required if header holes are at least 12" x 12".
- Cars and drivers qualify as a team for the feature.
- **Full face helmet required.**
- **No plastic battery boxes.**

Frame, Body

- Absolutely no welding, bolting, pinning, screwing, painting, shaping, sharpening the corners, or squaring them off, etc of the frame seams. **(If any of this is done you will not be inspected, just loaded.)**
- You may weld from the firewall forward ½" wide ¼" high and 1" past the top seam only.
- Frames will be scoped.
- The frame humps above the rear tires may be beat in for a distance of eight inches in each direction from the center of the hump. **(This is the only frame shaping that is allowed.)**
- **NO** Crashing for the Cause GRANDFATHERED CARS unless they fit the rules.
- Hump plates allowed 18 inch by 4 inch by 3/8 thick center of hump.
- Frame or body repairs due to rust can be repaired with the same thickness material.
 - Must be butt welded.

- o **REPAIR PLATES**
- o - four 5 inch by 5 inch ¼ thick repair plates
- o - 1 inch or more space between each plate & weld.
- o - No creative kicker type ideas.
- o - One fold max on each plate.
- o - Max of six on pre rans

Firewall

- You may flatten the engine side of the firewall **only**.
Do not weld or bolt the firewall.
- Do not reinforce the firewall.
- Do not beat, paint or weld on to modify the driver side of the firewall in any way.
- Floor pan (for shifter) and wheel wells or fenders can be trimmed.
- Mandatory – piece of rebar, all thread chain 3/8 max, or 9 gauge wire running from the roof to the cowl in the windshield area for driver's protection.
 - Up to two pieces max, no other added metal or mounting plates to reinforce the firewall/roof. **This is for safety**
- Fenders or wheel wells and hood cut outs may be bolted in 6 places each.
- Peening of the quarters or making body-lines **is** permitted.

Doors

- Must be chained, wired or welded shut; each side of the window frame is considered a separate seam.
 - Plates for welding door shut may not exceed 3"wide ¼" thick. 5" on 5" off. Except on the driver's side door, which may be welded solid.
 - Plates cannot attach to the frame. Sheet metal to sheet metal only.
 - Chains/wires may not go around the frame. **{See metric gm rules below}** you may bolt doors.

Leaf springs

- Can be clamped 8 clamps per side.
- Leaf springs must be factory stock for your make and model of vehicle – no larger than 3 inch by ¼" material.
- Shackles or spring mounts may not be modified.
- Coil springs may be secured with chain/wire or a tack weld only.
- Suspension, spring and shocks must remain stock, unless noted.
- **Max** bumper height of 28" from ground to bottom of bumper.
- No suspension conversions allowed unless stated below. (coil to leaf, etc).
- You may use one 5/16 inch chain or one 7/16 inch bolt or a 2 inch vertical strap **per** side of car to hold up the front suspension on each side.
- '99 and newer cars may weld lower control arm brackets on frame, must be stock size, thickness and stock location and may not reinforce in any way. **CALL BEFORE.**
- Only one mounting system allowed.
- **Max** frame height is 28 inches, **minimum** 14 inches from the bottom of the frame to the ground. (70s Wagons within reason.)

Steering

- joints, tie rods and rear control arms may be reinforced and modified. Start with existing parts
- No aftermarket spindles.

Front A arms

- (A-arms) and ball joints used must be of an automotive type and can be interchanged from manufacturer to manufacturer.
- **Automotive ball joints** only .
- Do not add tubing or pipe to change height.
- **May be welded down** 2 inch material one per side front, back
- No homemade A arms.
- No reinforcing allowed.

Bumpers

- You can use shock plate, or bracket 14 inches back to hold bumper on (only one method)
- Bumpers and brackets may be interchanged from make/model/year. Car bumpers and brackets only. If the factory bracket has shock it can be in brackets the way it was designed.
- Brackets may be **no longer** than 8 inches from the front of the frame.
- Bumper shocks may only go in frame up to 8 inches and must be welded to the bumper.
- Any bumper allowed except New Yorker & Imperial bumpers period. Any others You may weld to the frame.
- Homemade bumpers must mimic a stock bumper except a pointy New Yorker or Imperial bumper; those are not allowed.
- Do not change the configuration of a stock bumper. This means from point of contact with frame or shock to the front middle of the bumper cannot be more than 10 ¼ inches.
- No New Yorker or Imperial v-bumpers unless stocked with it.
- Shocks and brackets may be welded, bolted, or chained/wired.
- One plate per frame rail 12 inches x 3 inches by ¼ inch can be used as a bumper bracket.
- Bumpers may be trimmed but **no** sharp edges.
- **The bumper must be completely in front of the frame rails.**
- **No part of the bumper may extend back past the front most part of the frame rails.**

Hood, Trunk Lid/ Tailgate

Trunk

- Tucking of the trunk is allowed.
- 50% of rear quarters **MUST REMAIN IN STOCK LOCATION.**
- Trunk lid seams must be clearly visible and accessible, do **not** pound over the trunk .
- Rods may be a max of 1" in diameter.
- 6 total bolts only- 2 may go to frame, other 4 sheet metal to sheet metal.
- You also may weld your trunk 9 total plates 3 inch x 5 inch material 1/8 thick.
- Creasing, dishing, or folding of speaker deck and truck lid allowed.
- Speaker deck may be removed.

- **Original body mount bolts** may be replaced with up to 5/8" diameter max bolts with flat plates or washers no larger than 6" x 6" x 1/4"
 - Bolts can extend through the top half of the frame only.
- 1978 – 2002 ford metric may put a 1 inch weld vertical on frame after they pass through original non altered body mount tab.

Front Clip

- You may put a 4x4" max spacer under the core support on top of the frame.
- 8" long max.
- May be welded to the top of the frame only.
- Do not notch core support out to pass up to top of core support.

Hood

- Hood may be secured by a max of 6 bolts.
 - 4 bolts can go from sheet metal to sheet metal **only** and 2 can be bolted in stock location.
 - Hood bolts that go to the frame must be in a stock hole.
 - Fords may weld threaded rod to the frame in stock location vertically only.
- They can be bolted through the top of the core support, but may not be welded to the core support in any way.
- Body mount spacers can be eliminated for core support.
- All threaded rod or bolts must be vertical.
- No flat washers or plates larger than 6" x 6" x 1/4"
- Angle iron can be used for the tin to tin bolts and these bolts can be horizontal.
 - Angle iron can be no longer than 6".
- Four chains or wire can be used instead of bolts but **only** 2 of these 4 can go to the frame.
- One bolt per angle.

Inside Safety Bars

- Driver's door window and windshield net/guard is recommended.
- Hardtop (no post) cars may have straps or chains/wires from door to roof in the door post and/or passenger area.
- Rear window straps are allowed on wagons.
- No additional strapping, chaining or wiring is allowed.
- Dash bars and seat bars are allowed and highly **recommended for driver's safety**.
- Dash bars must be straight pieces, **6" from the trans hump**. No contour pieces.
- Seat bar is a must for safety. We do call drivers doors but we all must understand it's inevitable and will happen.
- We recommend you run a plate on the driver's door 3" past seems 1/4" thick for complete safety.
- Bars may be connected to each other with door bars and may be connected to the sheet metal floor. You have a choice of the down legs going to sheet metal - must be 4 inches forward from body mount by the back door and behind front door seam. 4 total down legs per car no larger than 4 inch material welded to body.
- Front down bars must be behind the front door seam.
- Door bars may not extend past the firewall.

- Door bars cannot exceed 18" past the center doorpost.
- Cage size – no larger than 6 inch material.
- Must be 8" off the bottom of the floor.
- Driver's Door bars may be inside doors.
- **Gas tank protector for ALL cars.**
 - Gas tank protector is not to exceed 24" wide. **No space** needed
 - NO LARGER THAN 3X3 MATERIAL.
- Bars may not tie into rear frame humps, drive train, frame, or body mount bolt plates.
- Rollover bars are allowed but must remain within the safety cage area. Over driver only.
- No forward kickers off dashboard allowed.

Engine and Drivetrain

Rear Ends

- Any 8 lug rear-end combination may be used – no dually rear ends.
- Rear-end may be welded or spooled.
- Rear-end guards allowed – must start out as a stock housing. No larger than 6" width material. 4 inch space from frame top, bottom, side.
- Rear-end may be chained/wired to frame in 2 places max.
- Any frame catchers will be removed.
- Rear Shocks must be stock or removed

HEIGHT RULES

- **FRONT 28 INCHES TO THE TOP OF BUMPER**
- **13 INCHES BOTTOM OF FRAME**

Engine

- Must be within 5" of the original position.
- Engine components may be modified (fan Blades, header pipes, etc).
- Transmission coolers allowed, must be secure and safe.
- Transmission may be chained, welded, bolted or wired in place.
 - Trans cross member support may only be 6 inches long.
- CROSS-MEMBERS 2"x2" max ¼" thick or stock car automotive cross member.

Cradles and Protectors

- BASIC LOWER CRADLE ONLY!
- Pulley guards allowed no oversized.
- Motor mounts may be modified to hold the engine in place but may not strengthen the car.
- Engine may be welded or chained down with wire or chains that can only be mounted to the engine in front of the motor mounts and cannot extend further than 12" from the engine vertical only.
- Front engine motor mounts are supported only.
- Distributor protectors are not allowed.
- Dash bar must also be 6" off the trans hump.
- JW Aluminum bell & steel ultra-bell only allowed.
- Pump bolts only.

- Do not tie the bottom of the bell to the transmission pan no top brace.

Front Ball Joints

- Aftermarket joints allowed
- Simple weld in sleeve only.
- ***NO pipes or tubing to adjust height period***

Radiator

- Radiator must be in a stock position.
- No homemade radiators.
- Radiator protectors allowed.
 - Must be mesh type material.
 - Quarter inch max thickness, can be bolted with four bolts only, 3/8 max.
 - No plates with holes blown in them.
 - NO ANGLE IRON AROUND MESH PERIOD.

Tires

- No ply restriction.
- Max height 30 inches.
- Aftermarket rims allowed however there is only a 2-inch max bead lock on the backside only.
- NO sidewall protectors
- Must be a rubber tire – **if you run a solid rubber tire and it sends rubber chunks at flagmen or spectators you will be shut down immediately.**
- Automotive tires only.

Miscellaneous Stuff

- Imperials Allowed
- No New Yorker or Imperial V bumpers unless it came from the factory with it.

Rules for floater rear ends mounting brackets.

- Floater rear ends will be allowed.
- Cannot strengthen the car in any way.
- Must have 4 inches respectable space between the upper control arms and package tray. If there's not, you will be asked to raise the car height.
- All calls are final.

03 & Newer Ford Products Steering and Suspension Rules

- Stock Ford 03 to 2011 suspension only.
- You may run an aftermarket steering column.
- You may weld in a small motor plate to mount the motor and do not alter the stock cradle.
- No hydro steer.
- You may strengthen the stock tie rod.
- **Factory rack only.**

Metric GM's (77 newer metric)

Metric GM's are proven they can not hold up to the Ford products, with this in mind, we are allowing these extra things to help them out.

- **GM's ONLY may** weld an 18" plate on the rear frame arch.
- **GM's ONLY may** run 2 extra body bolts from the fire wall back. They may be welded to the frame - vertical only.
- **GM's ONLY may** run 2 chains per door around the frame.
- **80s GM's** may convert to a stock set of car leafs .9 max no flat stacks.
- **80s GM's** also get 2 extra 5x5" quarter plates from the start.