



RULES AND REGULATIONS: FULL SIZE CARS

This Demolition Derby is promoted as an unusual spectator attraction. In the interest of safety, Drivers and Mechanics are subject to and must obey the following rules and regulations which are set up by the promoter and the track where this event is being held.

1-Each driver must fill out an entry blank and pay a \$50.00 entry fee. Entry fee includes driver and car. Any other crew members will have to pay a \$10.00 pit fee. All drivers must supply their own cars. Only one entry per person per class. Proof of ownership may be required on each car entered.

2-Must be at least 16 years of age to drive. Drivers under 18 years of age must have notarized release form signed by his or her parents or guardian.

3-Officials reserve the right to approve or reject any entry.

4-Consumption of alcoholic beverages in pit area is strictly prohibited. Any driver or pit person under the influence of drugs or alcohol will be immediately disqualified and removed from the grounds. Driver and crew will be subject to sobriety testing.

5-Any driver or crew member disobeying the rules will cause his or her car to be disqualified.

6-Unsportmanlike conduct will not be tolerated and will be grounds for disqualification and barring from future derbies. Drivers are responsible for the actions of their crew members.

7-Drivers and crews are responsible for any damages caused by their negligence on the track or in the pit area.

8-All drivers and crews are responsible for picking up trash, automobile parts, scrap metal, tires, etc. from their car.

9-All cars must be hauled away the night of the show. Cars left overnight will become property of Shelor Motor Mile, unless a later date of pickup is cleared with officials before you leave the night of the show.

10-Reckless driving in the pit area will result in disqualification.

11-ALL CARS MUST REGISTER AT LEAST 2 HOURS PRIOR TO START TIME.

Towing and Transportation of Cars

Towing and transportation of derby cars to and from the event location must meet highway safety codes (Including proper light controls, Safety chains, Tow bars, Trailers and rollbacks)

Type of Car

Any Two-Wheel Drive Hard Top or Station Wagon is allowed. NO CONVERTIBLES OR JEEPS ALLOWED.

PREPARATION OF CAR

Trim and Glass

- 1-All glass, chrome, plastic and molding must be removed from the car.
- 2-All wheel weights must be removed.
- 3-Auto must be swept clean. No Junk tires, Wheels, Metal parts, Broken glass, etc. allowed in the car.

Gas Tank

- 1-All tanks must be removed from under the car.
- 2-Gas tank must be a steel tank; NO PLASTIC TANKS.
- 3-Gas Tanks must be in back seat area, securely fastened to the body of the car, and covered.
- 4-Gas Tank Protectors are allowed. They cannot support or be tied into the frame of the car or support the door of the car in any way.
- 5-If a car is leaking gas in any way it will be disqualified from the event.

Rear Suspensions

- 1-Leaf springs are allowed.
- 2- You can weld spacer blocks to set height of the car (Spacers cannot reinforce the frame in any way.)
- 3- No More Than 7 leafs and no wider than 3 inches.
- 4-No more than 6 clamps per side.
- 5-Rear bumper height no lower than 18 inches from bottom of bumper.
- 6-Aftermarket suspension parts are permitted, Part must not add additional bracing from factory part.

Front Suspension

- 1-Front suspension may be locked or welded.
- 2-A arms only may be welded directly to the frame (No adding of metal or reinforcing of the frame.)
- 3-Front bumper height no more than 24 inches from bottom of bumper.
- 4-Leaf springs may be run, No more than 7 leafs and no wider than 3 inches.

5-If leaf springs are run in the front you have to run a straight axle.

6-No more than 6 clamps per side.

7-Aftermarket suspension parts are permitted, Part must not add additional bracing from factory part.

8-Reinforced or aftermarket tie rod ends and draglink permitted.

9-Any passenger car steering box is allowed. If you use a different steering box other than factory it must be mounted to the frame. You may make a bracket for the steering box to mount to the frame. You may weld the bracket to the frame. No adding metal, gussets, or bracing other than the single bracket to the frame.

Doors

1-All doors may be welded solid with flat bar no larger than ¼" thick x 3 inches wide.

2-Door may be wired or chained.

Trunk

1-Trunk seams may be welded solid with a strap no larger than ¼" thick x 3 inches wide.

2-Trunk may be pre bent or tucked.

3-You can run a bar from the roof to no further than half of the trunk lid.

Cage

1-A cage is mandatory. It must consist of a driver's door bar and a passenger door bar, bars no smaller than 4 inch wide and no larger than 12 inches wide. You must run a front and rear bar from door bar to door bar. It must be no smaller than 2 inches and no larger than 6 inches. If you have down bars off of your cage they must be welded to sheet metal only. You may tie the driver's side door bar to the frame (Driver's side only). It must be straight off of the door bar to the frame.

2-Gas tank protectors may be run, no larger than 4 inch bar run from end of door bar to end of door bar and a 4 inch bar run on both sides of the gas tank.

3-Rollover bars are permitted. Can be welded to cage. Cannot be welded to the frame.

4-(2) Kickers are allowed no larger than 2 inches. They must run from front dash bar to frame rail just behind the A arms. IF THE KICKERS ARE LARGER THAN 2 INCHES YOU WILL BE REQUIRED TO REMOVE THE KICKERS. NO EXCEPTION TO THIS RULE. **If you are running a Chrysler Imperial or Ford Crown Victoria Police Car or Emergency Service Vehicle with a P71 frame you cannot run any kickers.**

Hood and Core Support

1-Core support may be bolted with all thread rod no larger than 7/8". You can run it all the way from the frame through the hood.

2-Wire, Chain or bolt the hood down in 6 spots. The all thread through the hood count as (2).

3-A 2ft x 2ft hole must be in the hood for fire detection.

Battery

1-One battery of any size is permitted in the front passenger floor board.

2-Battery must be secured and covered.

Tires

- 1-Any tire size is permitted; NHS tires and skid steer tires are permitted.
- 2-No studded tires; no screws in rims.
- 3-Valve stem protectors are allowed.
- 4-Solid, foam-filled and double tires are permitted.
- 5-No steel plate tire protectors over tires or attached to the rim.

Radiator

- 1-Radiator must remain in the stock position.
- 2-Water tanks and water barrels permitted (Must remain in the stock location.)
- 3-Water tanks and water barrels can be welded or bolted to the core support.
- 4-Water tanks and water barrels can be welded to the frame in two spots on each side of the frame (CANNOT BE WELDED SOLID TO FRAME ON EITHER SIDE.)
- 5-Water tanks and water barrels cannot be mounted to the bumper.

Bumpers

- 1-Any passenger car bumper may be used.
- 2-You may use a homemade bumper. It must be no bigger than 6"x6"x3/8" wall for tube steel and 6 inch SCH 80 pipe 3/8" Wall thickness.
- 3-If you fabricate your own bumper it must be a straight piece of metal; no V or sharp points. Ends must be left open. (Do not cap the ends of the fabricated bumper.)
- 4-Bumpers cannot be wider than the car or fenders. (Measurement will be based off of the narrowest width part of the car.)
- 5-You may hard nose your frame. You may weld a ¼ inch thick plate no longer than 10 in per frame rail measuring from the back of the bumper and no wider than the frame width. Your preference on top, bottom or side of the frame. You may weld ¼ inch thick x 12 inches long bumper horns to both sides of the frame in place of the 10 inch plate. Bumper horns must not be wider than the frame. Bumper horns may be welded solid.
- 6- Stock Bumpers may be loaded or stuffed. Must have bumper skin on it.

Rear Differential

- 1-Differentials of any make up to ¾ ton trucks can be used.
- 2-Differentials may be braced from backing plate to backing plate only.
- 3-No excessive bracing on any make or model of differential.

Windshield

- 1-You must have at least one bar, chain or wire attached to the roof of the car and to the firewall of the car for protection from the hood.

Body Mounts

- 1-Body mount bolts cannot be larger than 5/8. Except for the 7/8 all thread rod going from the frame to the hood through the coil support.
- 2-No extra body mounting bolts.
- 3-Washers cannot be larger than 2 inches made from ¼ inch plate.
- 4-You can run the body mounts through the bottom of the frame.

Body

- 1-No additional / extra metal can be added to the body of the car.
- 2-If you are running a pre run car you can patch sheet metal of same thickness and not to exceed 2 inches past tear in the sheet metal.
- 3-Fender and quarter panels can be bolted. No additional metal may be added. Bolts can only be bolted to the sheet metal of the car. No limit on size or quantity.

Frame

- 1-Frame tilting is allowed. NO ADDITIONAL METAL added to the frame.
- 2-A arms may be welded directly to the frame. No additional metal or steel support on the frame or the A arm.
- 3- Rear hump plates are allowed only on cars running coil springs. Rear hump plates cannot be larger than 4 inches wide by 2 feet long by ¼ inch thick.
- 4-You can weld the hump plate solid. No filling in of factory frame holes.
- 5-If you are running a pre run car and you have a torn or bent frame you can patch that area where it is bent or torn with ¼ inch plate. Patch cannot exceed 1 inch past bend or tear. You can weld the patch plate solid.
- 6-Cannot weld any bar or support from driver's frame rail to passenger frame rail with the exception of the transmission cross member and the rear of the engine cradle support.
- 7-NO LOADED FRAMES. FRAMES MUST BE EMPTY AND WILL BE CHECKED.

Engine Protectors

- 1-Engine protectors are allowed.
- 2-Engine cradles and protectors can be supported from the factory engine cross member for the front engine support. Engine cradle and protector can be supported from the frame for the rear engine support. The rear engine cradle support can only have one support per side and the support cannot go past the front body mounts.
- 3-Engine cradles and protectors must tie into the frame by bolting or welding. No adding of additional metal or support to the frame from the engine cradle or engine protector.
- 4-Engine cradles or protectors must not tie into the frame or support the frame in any way except for the rear engine support.
- 5-Distributor protectors are allowed. May be part of the engine cradle or protector.

Transmission Protectors

1-Transmission protectors are allowed.

2-Transmission protectors can tie into the engine cradle or protector on the front and on the rear of the transmission it must tie into the cross member. TRANSMISSION PROTECTORS CANNOT TIE TO THE FRAME IN ANY WAY.

Transmission Coolers

1-Transmission coolers are allowed.

2-Transmission coolers must be in the engine compartment if running the cooler on the outside of the car.

3-Transmission coolers can be located inside of the car. If relocated inside of the car it must be kept in the rear seat area with lines double clamped.

4-If using a separate battery for the fan on the transmission cooler it must not be connected to the battery that starts the engine or the charging system of the car.

5-Battery must be secured and covered.

Roof Sign

1-Cars must have a 2 ft. by 2 ft. roof sign with the car number on it. Must be bright paint or bright stickers.

2-Roof signs must be securely fastened to the car in such a way as to ensure it does not become detached.

Frequently Asked Questions: Full-Size

Question #1- Can Factory frame seam be welded?

Answer #1- Yes, factory frame seam may be welded. No additional metal other than welding rod material. Max weld bead width ½ inch.

Question #2- Are 2003 and up Ford Crown Victoria cars allowed to run?

Answer #2- Yes, 2003 and up Ford Crown Victoria and Lincoln cars are allowed to run. This car, along with a few other 2003 and newer Fords and Lincolns, may have the frame we are calling the P71 Frame. This particular frame we are calling the P71 frame is oval in shape and very straight. Any car running this frame cannot run any kickers. Decision of Judges on Kickers is Final.

Question #3- Can you use Screws to screw tire to the Rim?

Answer #3- No. Rule NO2 under Tires.

Question #4- Can Frame be Plated?

Answer #4- No. For Pre-run cars look at rule NO5 under Frames.

Question #5- Can you run solid or foam filled tires?

Answer #5- Yes. Look under Tire rule NO4. Solid, foam filled and double tires are permitted.

Question #6- Can you run a Drivers door protector plate or Safety plate to keep objects from cutting into drivers door?

Answer #6- Yes, The drivers door protector plate is highly recommended to keep the driver safe in the event of driver door contact. The plate can be up to ½" thick and cover the entire door on the outside, not to exceed 6 inches past rear door post or 6 inches past front of the door. You can also put the plate inside the door and tie into the cage of the car. The plate cannot exceed 6 inches past the door in either direction.

For Questions or Comments...
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