

2020 Paoli Chamber of Commerce Demolition Derby Pro Stock Rules

General Information:

- Any year car allowed (**Except 2003 up Ford**)
- If your car does not pass inspection, or driver is unwilling to cut to change car to pass inspection, there are **absolutely no refunds**.

INSPECTION WILL BE SHUT DOWN 1 HOUR BEFORE DEMO STARTS

1. Any American made sedan or station wagon can run.
 - a. Absolutely **no** 4x4s, ambulances, hearses, trucks, limousines, imperials, etc.
2. Drivers must be **16 years of age** to run and have a valid drivers license.
3. Drivers must wear seat belt and helmet, along with long sleeves and eye protection.
4. **NO** intentional hits to driver's doors.
 - a. Violators will receive one warning.
 - b. Second intentional hit to driver's door will be grounds for disqualification.
5. **NO** sandbagging or double teaming. This will also be grounds for disqualification.
6. **NO ALCOHOL IN THE PITS**. Anyone caught with alcohol in the pits will be excluded from the event with no refunds.
7. Any controversies will be taken up at the Drivers' Meeting.
 - a. If you have any questions, please contact:
 - i. **Tyler Walton 812-653-3888**
 - ii. **Eric Wright 812-267-4602**
8. If it isn't listed, it doesn't mean it's legal. Ask first. **Judges' decisions are final.**
9. No hybrids

Car Preparation:

1. All glass, plastic, chrome, and interior must be removed from car before arriving to the derby.
2. All decking must be removed on station wagons. Sedans must have a 12" x 12" hole cut in the trunk lid for inspection.
3. Tires must be no bigger than 16". No split rims or studded tires. No screwing the tire to the wheel. Double tires and valve stem protectors are Ok.
4. The radiator must remain in stock location in front of the motor. No extra radiators or water supply allowed.
5. You may change A-arms and ball joints, but must bolt in factory mounts.
6. All trailer hitches and braces must be removed.
7. Stock gas tanks must be removed. A boat tank or fuel cell is recommended with no more than 6 gallons in tank. Plastic tanks must be mounted in a metal

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- container. Gas tank protectors are allowed. Max of two kickers to gas tank protectors. Max width: 22". Gas tank protectors **can touch sheet metal only**.
8. Transmission coolers are OK, but must be safe and properly secured.
 9. **CAN RUN 2 BATTERIES per car**. The battery must be moved to the passenger compartment, and should be properly secured in a battery box and covered.
 10. No methanol fuel allowed.
 11. If you are running an electric fuel pump, it must be wired to your ignition switch so it shuts off with the ignition.
 12. **NO** frame kickers or DP kickers are allowed, with the exception of the roll over bar, can touch the floor sheet metal only.

Frames:

1. Absolutely no frame modification.
2. Frames must have all factory holes.
3. Frames can be pitched and rewelded. No adding gussets or extra metal.
4. **WE WILL ALLOW (2) plates 4x6 x 1/4 on Fresh cars.**
5. Pre-ran car can have **(6) plates 4 x 6 x 1/4 ONLY** and must be bent where plate is welded.
6. Arch plate can be added but must contour frame and can only be 22" long.
7. **No pins in frames**

Suspension:

1. Any 5-lug or 3/4 ton rear-end is allowed.
2. No changing coil to leaf springs. Coil springs may be tack welded or wired to brackets.
3. The rear-end control arms may not be reinforced. They may be shortened or lengthened but can only overlap 1" and rewelded.
4. Front suspension can be welded solid but only (2) 2" straps on each side of the a-arm to frame, no longer than 4" long. Rear suspension may use two pieces of all-thread or two pieces of chain.
5. Rear-end housing may have a back brace. Welded or posi-track rear ends are highly recommended.
6. After market tie rod ends are ok.

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Engines:

1. Engine must be mounted in stock location. Front spark plug must be in front of the ball joint.
2. You may use any motor and transmission.
3. You may chain or weld motor and transmission to keep in place.
4. Exhaust can be pointed up, but must exit vertical. Headers are highly recommended.
5. No engine **and tranny protectors** allowed. However, you can run lower cradles with pulley protectors and aftermarket mounts & **can run a steal bell.**

Body:

1. A 12" hole must be cut in hood above carburetor in case of fire.
2. The hood can be fastened down in a maximum of (6) places, with the hood hinges counting as (2).
3. Trunks can be tucked and wedged but must have a 12"x12" inspection hole. Rear speaker deck may be removed and body may be creased.
4. All door seams and trunk seams may be welded 3" on / 3" off. If straps are used, they can be no wider than 3".
5. All door handles must be removed.
6. Body bushings may be removed but use have at least ½" of space between body and frame. Body spacer cannot be larger than stock body bushings. You can use up to ½" bolts to replace stock body bolts.
7. You can replace all bolts with ¾" all-thread.
8. Fenders and rear quarters may **NOT** be bolted together.
9. A wire or chain is required from the hood to the roof in the windshield area for drivers protection. **NO WINDOW BARS TO ENGINE!**
10. **NO** skinning of bodies unless it has a hole in the drivers door or otherwise approved.
11. One rear window bar from roof to speaker deck only. Cannot attach to cage.

Cages:

1. A single rail box type cage is allowed. 5x5" maximum round or box tubing can be used. The furthest point of the cage in the back can be no more than 12" behind the front door seam on four door cars. Two door cars, no more than 12" behind the front seat.
2. The cage can have two front kickers (to sheet metal only) and rollover bar can touch the floor sheet metal only and both must run straight down. **(NO EXCEPTIONS! ROLLOVER BAR IS MANDATORY! YOU MUST HAVE A ROLLOVER BAR TO RUN!)**

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Bumpers:

1. Bumpers are interchangeable. You may load front bumper and you may run a tube style number **BUT MUST RETAIN A STOCK FORM... NO EXTREME V IN CENTER OF BUMPER (YOU WILL CUT!) NO MORE THAN 6 INCH POINT.**
2. Bumpers can also be hard nosed and you may leave shock in frame, but **NO** welding shock to side of frame.
3. Maximum front bumper height is 21" to the bottom of the bumper.
4. Minimum back bumper height is 16" and will be measured from the bottom of the frame to the ground.
5. You are allowed an additional (4) strands of #9 wire from the **CORE SUPPORT** to the bumper. These are not to go through the hood and do not count as any of your (6) hood hold downs.
6. You can cut the front frame back, but **NO** farther than the front of the radiator support mount.

Miscellaneous:

1. Any grey areas of the rules I'll be the officials' final decision. If you have a question, or don't understand something, call first. We reserve the right to refuse any car at any time.
2. You may run all-thread through the front (2) core support mounts. If they run through the hood, they count as (2) of your hold down points.
3. Any unsportsmanlike conduct by the driver or the crew will cause your car to be disqualified.
4. The **DRIVER** is the only person allowed around the car while their car is being inspected.
5. If it is not stated in the rules, don't do it!
6. **THIS IS NOT AN OUTLAW SHOW.**