

## 2018 Marshall-Putnam Fair Demolition Derby Open Wire Rules

### QUESTIONS

\*\*\*\*\* READ THE RULES FIRST\*\*\*\*\*

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 condition of all events, and by participating in these events, all participant are deemed to have complied with these rules. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF OR COMPLIANCE WITH THESE RULES AND 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 shall be empowered to permit reasonable and appropriate deviation from any of the specifications herein or impose any further restrictions that his/her opinion does not alter the minimum acceptable requirements. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS. Any interpretation or deviation of these rules is left to the officials. Their decision is final.

CONTACT ROB MAHNESMITH WITH ANY QUESTIONS ON RULES: (309)285-4710

GENERAL WIRE RULES: COMPACT, BEGINNER, FULLSIZE, MINIVAN

No full frame imperials. No hearses or limousines.

Compact Class- 111" wheelbase maximum on front wheel drive and 106" maximum wheelbase on rear drive. Engine must be six (6) cylinder or smaller. No all-wheel drive cars.

No 4x4 or all-wheel drive vehicles allowed.

**PASSENGERS WILL BE ALLOWED IN THE BEGINNER AND FULLSIZE WIRE CLASSES ONLY!!!!!!**

1. An entry fee will be charged for each Driver/Rider.
2. All persons MUST sign an entry form, insurance waiver, and release form, and purchase pit pass before entering pit area.
3. No one allowed in race area under the influence of alcohol. POSSESSION OF ALCOHOLIC BEVERAGES IN THE PIT AREA WILL RESULT IN LOSS OF PIT PASS AND EXPULSION FROM THE PITS.
4. All drivers/riders MUST be 16 years or older. Participants 16 & 17 years old MUST have a PARENT sign a minor and release form. Pit person under the age of 18 years old MUST have a PARENT/GUARDIAN sign minor and release form before entering pit area. **NO EXCEPTIONS!!**
5. **Beginners class open to participants 16 – 20 years of age.**
6. All drivers/riders MUST wear approved helmets, long pants and shirt.

7. All vehicles are recommended to have their car number exhibited on an upright number plate on the roof of the car, minimum of 15" by 15". Car numbers are registered first come first serve basis. No pre-registered numbers are allowed. NO PROFANITY will be allowed.
8. Drivers must wear approved eye protection. It is suggested that seat belts be tied in a knot at the appropriate adjustment as to not allow it to keep retracting on your waist during competition.
9. All rear seats MUST be removed. DISCONNECT OR REMOVE ANY AIR BAGS. All cars MUST be swept clean, both drivers compartments and trunk. No spare tires, broken glass or trash, etc.
10. Battery may be moved, but MUST be securely fastened and covered in front seat passenger floorboards. No more than two batteries allowed.
11. All entries MUST have either a bar, wire or chain, etc. running center mast from roof down to the firewall. If a bar is ran; bar cannot contact the halo bar.
12. Stock gas tank MUST be removed from original position and mounted in rear seat area (trucks-behind cab) and secured by existing seat belts or added metal straps. NO CHAINS OR RUBBER STRAPES or round bottom tanks. Mounting is not to be designed to strengthen car. A metal marine (boat) tank is STRONGLY recommended. NO PLASTIC BOAT TANKS. All tanks MUST have secure cap. All lines and fittings MUST be leak proof. NO MORE THAN 7 GALLONS OF GAS IN TANK. All cars equipped with electric fuel pump MUST have some type of shut-off switch easily accessible to driver. Compact cars with the fuel tank mounted ahead of rear axle may choose to leave the tank in stock location.

Any full size sedan, or station wagon may be used in the competition of this class, {No full frame or sub frame imperial up to 1973 are not allowed } ( absolutely no hearses, limousines, el caminos, convertibles, or ambulances )

All glass, chrome, moldings ,interior, wheel weights door handles lights and any other moldings must be removed prior to entering the event, All gas tanks, and batteries ,must be moved to the safety part of the interior of the competing automobile.

Must have a shut off mechanism easily accessible in case of emergencies.

All rules and regulations set forth will be followed and head inspector has final say on any rule deviated or misconstrued, from its original purpose.

//READ RULES BEFORE BUILDING AND REMEMBER, THIS IS AN UNLIMITED #9 WIRE MAX SIZE. TYPE BUILD //

## RULES

### 1.) BUMPERS

Any Stock automotive type automobile bumpers can be used on any car "except" {New Yorker type Pointy}, they can only be ran on the car they came on, as well as their type of bumper shocks.

You are allowed to beat chrome down and weld to structure of the bumper, Do not add any metal, extra metal to the outside of the bumper.

// ABSOLUTELY NO HOMEMADE TYPE BUMPERS //

They may be mounted in the following ways:

- 1.) Hard nose straight to frame with 4 ,4 by 5 inch by 1/4 plates, welded

four sides of frame , do not weld further back than 5 inches on both frame rails. These plates are not allowed to bend around a curve in a reinforcing manner.

2.) Any type of shock bracket can be swapped to a different brand of car (except Chrysler type shocks) these may only be installed in the stock manner, you can weld all around bracket. Absolutely, no rear brackets on the front of cars, do not slide back on frame and bend around a corner and weld, you will cut it. The bumper may only weld to the shock when installing these in this manner, with no added metal. Do not install shocks inside a frame they did not come factory with.

3.) You may weld a gm style horn on a different car, cut it down and weld in a hard nose type manner, without the shock.

## 2.) DOORS.

The vertical seams of the side doors may have a strap no wider than three inches and length of 12 inches in any configuration as long as only 12 inches max, do not weld rear doors of wagons or spot weld anywhere else. Duct tape and unlimited wire is allowed as well. Do not hide welds or plate under tape,

## 3.) HOODS AND TRUNKS.

You are allowed unlimited wire to hold shut and to bumper.

You may choose one, of the two additional ways to hold these shut.

1.) You may weld a total of eight washers on the hood, and a total of eight washers no bigger than 3 inches round 1/4 thick for wire to run through to hold shut. Do not weld over seams to hold shut these are for running wire through.

OR

2.) You are allowed 4 "floating type" straps per hood and per trunk , 2 inch wide by 4 inch long 1/4 thick, to hold down, using wire only.

Hoods must have two holes cut in them for inspection and fire. You may pre tuck any trunk as long as judges are able to inspect. Hoods may also be prewired as long as we are able to inspect properly, if we cannot you will be required to open them. Trunks must have a 12 inch hole cut in them or trunk floor for inspection purposes if full tucked,

Do not beat the quarter panels over trunk seams until after you have been inspected.

## 4.) MOTOR TRANSMISSION

Any motor and transmission can be used in any car as long as installed in a stock location. //EXCEPT MINI CARS AND VANS, THEY MAY ONLY HAVE UP TO A V6 // A lower cradle may be added or conversion type cradle to help in the installation. /DO NOT USE AS A BRACE/

You may also use a light duty transmission brace from top of trans to mounting are of trans, // this must be installed on a factory rubber type mount only , with no sheet metal from trans tunnel over it, there is a restriction on 10 inches to dash bar as well//..

THIS DOES NOT INCLUDE STEELE TYPE BELL HOUSINGS, TAIL SHAFTS, PANS, etc. THEY ARE NOT ALLOWED.

Motor mounts may be welded to frame, around mount only. You may use very minimal metal on certain automobiles to install motors. You may also use two by two square tubing for a cross member with two pieces of 2 by 2 angle 5 inches long

welded to frame to mount to. ANY QUESTIONS CALL, DO NOT ASSUME

#### 5.) REARENDS

Any rear end may be used in any car / must be installed in stock position with no extra bracing going to frames, rear housing itself may be braced. Watts link conversions are fine .as long as they are bolted in and not welded solid, again do not go over board or use as brace, you will cut.

The front of the lower trailing arm must be bolted on as well. Do not go overboard on this as well.

ALL COIL TYPE REAR ENDS MUST USE STOCK TYPE TRAILING ARMS, NO ADDED METAL

#### 6.) SUSPENSION /STEERING

All steering components from steering box to the wheels must remain O.E.M., No weld in ball joints, heims joints, etc. aftermarket steering column and wheel is ok. You may change box on a 03 and newer but must install in a stock type fashion with no added metal nowhere period. All steering components must remain O.E.M.

You may weld in two straps a piece on upper a frames for height, they may not exceed 2 inches wide 5 inches long 1/4 inch thick / NO LEAF SPRING CONVERSIONS/ , spring spacers are allowed. You may use light chain to hold rear down wrapped around frame and axle.one loop.

You may not add leaves to station wagon springs, 9 is the limit, same as Chrysler. Must use a stock type spring strap, no clamping springs with bolts and flat stock. You may use duct tape after inspection. Coil over shocks are ok,

#### 7.) SAFETY CAGES

You are allowed up to a six inch diameter dash bar for safety, it must be at least ten inches from top of trans. brace if you are running one, as well as a 6 inch bar behind driver's seat. These two bars may be connected with two side bars, one driver's side and, one passenger side no bigger than 6 inches diameter and a total length of 72 inches. You may have a total of 4 down bars for safety. Welded in vertical position, connected to the cage to the sheet metal part of the floor board of the automobile. Do not weld to frame. You may also have a halo, or roll bar welded to the top of the cage only as well. You may use two bolts to connect to the roof as well. If you are running a two door or a non-post type car the roll over bar may be welded to the floor sheet metal of the car as well. All inner cage material may be welded to sheet metal of car, extra gussets that are inside of cage area are ok. No extra weld to floor except the four down bars. A light bar or strap MUST BE WELDED OR BOLTED from dash sheet metal to roof of car in the windshield area

A gas tank protector is allowed as well as long as you do not run a implement style slider drive shaft, This can be welded off the seat bar with no bars being over 6 inches in diameter and extend to the sheet metal only of the speaker deck. //THIS CAN ONLY BE 30 INCHES WIDE AT SPEAKER DECK// do not weld to sheet metal at the speaker deck.

// A gas tank may not be used as a brace period if you have a implement types slider drive shaft , your tank must have at least 6 inch clearance from back deck to

cage, with no tank brace //

#### 8.) BODY BOLTS

All body bolts are to remain stock and in place all but the very two front ones at the core support, they can be changed to 3/4 threaded rod or smaller, We will allow a 2 INCH DIAMETER BY 5 inch LONG spacer at this point as well, the spacer can be welded to the top of the frame in the bumper weld zone only, do not weld down the side of frame. The rod can extend through the frame and through the hood with a 5 inch washer on top and bottom. If you need to repair a body bolt, you can but must use the same type of bolt and do not alter. Light repair is allowed to sheet metal area only of where body bolts are in body.

DO NOT ALTER ANY BODY BOLT FROM ITS ORIGINAL SHAPE OR DESIGN, DO NOT OVER CRANK A BODY BOLT TO SUCK BODY TO FRAME.

#### 9.) FRAMES

DO NOT WELD OR ADD ANY BOLTS TO ANY WHERE ON FRAME, INCLUDING THE SEAM'S OF ANY CAR OR ANYWHERE ON FRAME UNLESS STATED IN THE RULES, THIS INCLUDES GUSSETS , VERY LOW TOLERANCE WILL BE GIVEN!

You may shorten the frame to the body mount hole in the core sport area, do not go past that. Read bumper mounting rules carefully. You are allowed to lightly dimple frames. Do not go overboard, if you split seam open you are not allowed to reweld.

Do not use undercoating and dirt from the garage floor on any frames.

#### 10.) BRAKES

ALL competing demolition derby cars must show the ability to stop at the check in area of inspection. This is a very serious part of our safety and must be taken very serious.

#### 11.) GAS TANKS AND BATTERIES

All cars competing are required to move tanks and batteries to the inside of the car, must be bolted down secure and covered. If using electric pump must have a safety switch in clear visible area for safety purposes in case of a fire,

NO GAS tank may be used a brace in the back of a car, period. There are rules stated above in the safety cage part of the rules.

#### 12.) TIRES AND WHEELS

Any size tire and wheel may be used on any car, no split rims though, Tire protectors are no allowed, weld in centers are ok.

#### 13.) AFTER MARKET STUFF

SHIFTER, GAS PEDAL, LOWER CRADLE, PULLY PROTECTOR, FRAME MOTOR MOUNTS, LIGHT DUTY TRANS BRACE, REAR END AND AXLES, RADIATOR, STEERING COLUMN AND WHEEL. PINION BRAKE, BRAKE PEDAL.

WE WISH ALL OF YOU A SAFE AND FUN BUILD, AND MOST OF ALL LUCK

ON THE TRACK, JUST REMEMBER TO BE SAFE AND KEEP SAFETY IN MIND!!

IF YOU HAVE ANY QUESTIONS, PLEASE FEEL TO CALL OR TEXT ROB AT  
(309)285-4710