

Copy of open wire rules * 2020 *

Robbos Extreme Derby**Promotions****2020 Open Wire Rules**

Any Year of sedan or station wagon may participate in this class except the following ;

[no 73 or older Chrysler Imperials , nor will hearses, ambulance type vehicles, truck type vehicles such as elcamino or any other type of vehicle, that is in that description.]

All competing vehicles will have all the glass removed , stock gas tanks must be removed as well as rear seats door panels ,trim, moldings,or any other flammable type material must be removed from the vehicle as well ,and vehicle must be swept clean before the vehicle will be inspected!!

HEAD OFFICIAL HAS FINAL SAY IN ANY OR ALL DECISIONS SET FORTH ;

These are very basic type of rules ,do not read more into it than what it is , Remember this is a un-limited number nine wire only type build,This means you can use as much as you want and in any place you want as long as it does not interfere with the inspection. No cable or cable type manufactured wire can be used. Read all the rules carefully before you start your build, for some things have changed from 2019 , Just because it doesn't say you can not do it , Do not assume it means you can.

(CALL FIRST)

**ANY AND ALL QUESTIONS OR CONCERNS WILL ONLY BE ANSWERED BY
ROB call or text AT (309)285-4710**

BUILDING GUIDELINES**BODYS / BODY BOLTS**

- 1. All body's of cars will remain stock type with same type/YEAR of frame under gm to gm ,ford to ford. You may remove body to build but must go back on in same factory position and all body mounts back in place with stock body mounts in place as they came,DO NOT REMOVE THE CENTER no if and s or butts. // No more than four body bolts can be replaced if they break //, and if so can not be any larger than " 7/16" grade five with the stock body mount in place and no larger than a" 3/4 in washer". Do not re crank body bolts down sucking body to the frame squishing the rubber mounts. ANY OTHER BROKE MOUNTS MAY BE FIXED WITH WIRE**
- 2. You can replace the very front two mounts at the core support with threaded rod, up to 1 inch can be used , if you want a spacer here you may have up to 5 inch tall**

be the same thickness or you will cut it , do not cover blinker holes, no patch wider then 1/2 inch past rust , we will drill r check if rust did exist. **DO NOT OVER DO THIS**

4. Body creasing will also be allowed as well as pre tucking of the trunk and qtr panels , do not fold metal over any trunk seams or weld any seam .If we can not inspect you will have to remove it
5. **DO NOT ADD ANY NUTS OR BOLTS ANYWHERE THEY DID NOT COME FACTORY WITH ,**
6. **NO filling in blinker holes or window holes with added metal,**
7. **No welding body to bumpers in any manner**
8. **You can have up to six 3/8 bolts per cut out in the hood are where header comes through the hood or carb cut out ect. These are the only added bolts on the car**

BUMPERS

1. Any stock appearing bumper can be ran in the full size open wire class
2. The chrome may be beat down and welded solid on the bumper.
3. Do not add any angle ,channel or any other metal to outside of the bumper ,you can fill the vents with light door strap or close.
4. Mounting the bumper can be done in 1 of the three ways mentioned below;
 - 4- A. Stock manner with stock shocks , shocks can be collapsed welded , you can weld the shock only to the bumper with no added metal , then weld all the way around the stock bumper bracket the car came with in the stock location. Do not slide back on frame.
 - 4-B..Hard nose the bumper to the frame , you can have up to four pieces of flat metal , 4"x5"x1/4" , one welded on each side of the frame to help hold on.do not go any further back than five inches back , you will have to cut it to length.
 - 4-CYou may use any front bumper bracket off different car but may not slide back on frame and can only weld five inches back on frame, this way if using a shock , the bumper can only be welded to the shock ,not frame as well.
5. Rear bumper brackets may not be used on the front of any car
6. No straps from bumper to core support or from bumper to trunk deck or metal.
7. No front bumpers will be over a height of 24" from bottom of bumper to ground.
8. **COMPACT CARS - MINI-VANS ,**
// DO NOT USE TUBING ON INSIDE OF FRAME TO MOUNT BUMPER!!! //
YOU CAN ONLY WELD THE BUMPER TO THE TUBING ,TUBING TO FRONT OF FRAME FROM WHERE THE FRAME STARTS !!! You can butt weld

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ANY QUESTIONS CALL (800) 200-4710
IF THE BUMPER SHOCKS DID NOT COME FACTORY ON INSIDE OF FRAME , THEY MAY NOT BE USED IN THAT MANNER , DO NOT EXTEND THE SHOCKS DOWN SIDE OF FRAME.

DOORS/TRUNKS/HOOD

1. Drivers door may be welded solid using material no wider than three inch, or thicker then $\frac{1}{4}$ "
2. Passenger doors may have the "vertical seams only " welded, no more than twelve inches with material no wider than 3" , yes in any configuration as long as it's not over twelve inches.
3. All trunk decks can only use number nine wire to hold shut , they may be pre notched and tucked as well with no added bolts or welds at all , all seams must be visible .
4. Hoods may only have the two core support bolts changed the remainder will be held closed with wire only .you may bolt the sheet metal around where you cut out, in the hood as described in rules above
5. You can have up to 8 washers welded to trunk for wire to run through , same as the front hood .do not weld washers together in a row and do not weld washers over trunk or hood seams. If you choose instead of washers ,you may have four floating type hood straps, 2 inch wide ,6 inch long these are designed for wire purpose only .
6. You may have engine compartment , and trunk , closed and wired shut for inspection unless we can not thoroughly inspect , then you will have to open ,so we are able to inspect.
7. Must have a safety wire ,or chain running from top of car to cowl or dash area for safety purposes ,instead of wire you can use 2"inch angle iron welded in this area or bolted .
8. No back bars allowed in the rear window area, you may use wire only

Brakes

All cars will show the ability to stop at the inspection area and before the show starts

MUST HAVE BRAKES!!

Motor /Trans

1. Any engine or transmission is allowed in any car except /compact cars /they are limited to v-6 type only
2. A lower engine cradle ONLY ,and pulley protector is allowed , front plate is ok ass well but no kickers will come off these to help hold engine or frame

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long as mounting plate to frame is not over 5 x5 with no extra gussets.

5. If you have a pully protector installed on your engine ,you can not have the sway bar in front of it.. Must be cut out.

6. A light trans brace is allowed as well , or ultra bell with top brace only on trans saddle , no skid plate or protectors can be added to these and they must have a 1 inch gap in all directions mounted on a rubber ,stock type transmission mount. If we feel you are using as a brace you will cut .

7. If you have a transmission saddle or brace, you Will have to slit the entire trans tunnel sheet metal above the transmission brace and any other part of that apperatrice.

8. ABSOLUTELY NO DIST PROTECTORS ALLOWED !! , OR ANY OTHER PROTECTOR ABOVE OR BELOW THE VALVE COVERS WILL BE ALLOWED!

9. No welding of any sheet metal to any transmission brace or any part of these components are allowed .

10. You are allowed to use different stock transmission crossmember in different cars. If your car did not have one when you bought it, you may run square tubing in its place , nothing over 2" preferred , you may use two pieces of 2"x5" by ¼ angle iron to install on the side rails of the frame , only the angle iron can be welded to the frame, if no angle iron, then you can weld the ends of the tubing to the frame rails only. Must be straight across frame

11. Transmission cooler is ok , must be mounted in the rear seat area and deemed safe.

12. Batteries must be mounted and secured in the safety cage area and covered in case of explosion. May have more than one batterie

REAR DIFFERENTIAL

1. Any type rear end may be used in any car as long as installed in a stock type manner , Full floaters ok

2. Rear ends may be braced top and bottom ,but no brace can act as a kicker in no way

3. Rear ends may have pinion brakes as well , however you may not have a protector installed on it acting as a kicker .

4. Do not weld any kicker type stuff off rearend to stop frame from bending.

5. You may replace rear shocks with ¾ " threaded rod must be in shock location

6. Trailing arms must be o e m no square tubing fully in their place allowed .You can lightly reinforce.

7. NO LEAF SPRING CONVERSIONS ALLOWED

- modifications, no added metal,
2. All ball joints ,/ tie rod ends ,coil springs ,drag links, ect , must be O E M steering must remain stock , No after-market , screw in type stuff allowed .
 3. 2003 and newer cars can swap steering to an older type as long as mounted in a stock configuration with no added metal , You are allowed to use sleeves from the outer part of frame to inner side to mount the steering box, that is it. All must remain O E M , NO aftermarket screw in type stuff allowed , stock Aluminum cradle must be used.
 4. Leaf spring type automobiles are allowed no more than nine automobile type springs, with at least a 1 “ stagger on them , Max of 4 extra bolt on type clamps per side , no bigger than 1x5x1/4 with 3/8 bolts must have working shackles on these as well , do not weld shackle to frame or add any metal .
 5. No leaf spring spring conversions on coiled cars allowed , but may lightly reinforce stock type trailing arms on rear of car only.
 6. You may jack your car up and weld 2 straps per side of car on the front a arms for height they can consist of 2 inch wide 5 inch long 1/4inch thick and must connect to upper a frame remember bumper height rule
 7. Coil over shocks are ok
 8. Do not add any metal to a-frames any part of steering period .
 9. Do not weld trailing arms to frame
 10. After - market steering column and wheel is ok ,this is the only after market stuff you can have in the steering

Frames

1. All frames must remain completely stock .only welding is where its outlined in these rules,crossmember , bumper area, a-arm straps, down bars, any other area is considered altered and illegal and will call for disqualification .
2. **Do not paint or undercoat frames. This could cause you to be disqualified before it even gets teched..**
3. You can or may re-stub a frame at the crossmember area , same year , same make frame,ect ,no caddy frame stub in chevy ect , or a front horn . if you choose to do this , the two pieces are only allowed to be butt type welded only with no patches added do not grind down either.
4. 03 AND NEWER FORDS MUST USE THE STOCK ALUMINUM SADDLE , NO ADDED METAL
5. You are allowed to”cold pitch” only. do not cut tabs on

not see in them you will not run .

7. You can lightly weld on the front lower trailing arm bracket to the frame and the watts link conversion ,or you may bolt, your choice. Do not go overboard on this , nothing over what factory usually is.

8. You may dimple rear frame or notch to allow bumper to come up do not weld in this area

9. "Pre ran" cars that are excessively bent can be pulled back down or stretched backout and a 4"x4"x1/4" plate can be used in the bent area only "must be evidence of the bend or you will remove it ""maximum 4 patches on entire car"" judges discretion are final.

10. All tow hitches must be removed as well as their mounting bars

PATCH RULE ON FRAMES FOR PATCH CLASS TYPE SHOW;

1. **YOU ARE ENTERING A "PATCH CLASS TYPE SHOW ONLY"** you are allowed a total of 6 = 4x6x 3/8 plate for repair .Do not split these patches up into smaller increments. These can also be added to a fresh car if entering this type of show , Split seams can lightly be repaired as well.do not run them in a series all welded together must have a gap

SAFETY CAGES

1. All cages can be built out of 6" max size components total of two side bars and two cross bars max..

2. Side bars can be a total of 72" long , They can be welded to the sheet metal of the car ,these may be connected to the cross bars ,one at the dash area and one behind the seat .

3. Front dash bar must stay a minimum of 6" away from the cowl ,or firewall sheet metal area and a minimum of 10" off the floor, measured at the feet area .

4. You may have a shifter bar welded from front cross bar to rear crossbar ,do not connect this to the trans saddle , you can use wire here but no metal ..Must have a sufficient gap as well..

5. You can have up to 4 down tubes , these tubes can weld to the "top" side of frame only , and or sheet metal , These bars can only be installed on the 72 inch side bars,if installed on dash bar can not be on firewall side. they can not be angled or used as a kicker in any way shape or form.

6. You may have a roll over bar as well, this apparatus has a total of three tubes , two uprights and one cross bar, nothing more!! The start of this bar can not be any further back than 12", measured from the furthest back part of the seat. This bar may be attached to the top of

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any wider than 30 measured where it ends , this can go back and touch the vertical area of the back seat /valance/ of any sedan do not weld or bolt , chevy wagons can not go past the vertical part of front hump, imaginary line

8. If you have a passenger / "co - pilot"/, a four point cage is mandatory

9. **MINI VANS** , I would rather you put your door bars on the outside of the van , up to 6 inch c channel is advised this can be welded to the door and only go past door seam 8 inches . make sure it lines up to the cross bar behind the seat . this gives more room and better protection from accidental door shots. Must have cage if two pilots.

Wheels and tires

1. Any size up to 16" type wheel or tire can be used in open wire except split rims

2. Bead locks and rim lip enhancement is fine as long as there is no wheel protection at all . full centers is ok ect just no tire protection..

3. Foam filled tires ok

Gas tank /Radiator

1. Radiator must be mounted in front of the engine .You can replace with aluminum and have a light expanded metal in front, you may tack weld in place or you can bolt it. a total of 6= $\frac{3}{8}$ bolts holding in place , or you can use an ac condensor, in front bolted the same way

2. Gas tank must be mounted in rear seat area OF FULL SIZE CARS, compacts and van can leave if in front of the rear axle, except MP co ,it can consist of a boat tank or similar , must be safe , and secured and without leaks , covered preferred but not mandatory .

WE SUGGEST A HIGHLY VISIBLE ROOF SIGN OR BRIGHT CONTRASTING NUMBERS ON YOUR CAR FOR PROPER IDENTIFICATION DURING THE RACE AND ACCURACY OF SCORING

**Any questions or concerns can be answered by :
Rob (309)285-4710**