

## General Rules for all classes

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**NO welding will be allowed on any part of the body or frame. The only welding allowed is in the below rules. If your car is found with any weld, other than what's allowed, you will not run!!**

1. All rules will be followed, or you will not run!!
2. Car and Driver qualify for each heat.
3. No changing of car or driver!!
4. You must have a number in bright colors on each front door and must have 15"x15" roof sign with car number on it for judging and recognition of car. No excessive washers!!
5. If car does not pass inspection or driver is unwilling to change car to pass inspection absolutely no refunds will be issued.
6. Drivers must be 18 years of age and have a valid driver's license. Ages 16 –17 must have a notarized permission slip and some form of driver's license. The person that signs in as the driver must be the driver for that event!
7. Driver must wear seat belt and helmet, along with eye protection.
8. ALL drivers and crewmembers must attend the drivers meeting.
  - a. Crewmembers or family that want to cause issues will be asked to leave as well as the car and driver they came with.
  - b. No alcohol in the pits, if anyone is caught with alcohol, they will be disqualified, this includes their pit crew.
9. DO NOT hit the driver's door! If it looks intentional or carelessness you will be disqualified. Don't use your door as a shield, it may cause you to get disqualified.
- 10.No hot rodding in the pits, keep it at an idle.
- 11.Any open driver's door or fire will cause disqualification. If in heat, you may fix it and come back in the consolation.
- 12.NO sandbagging!!! You will be disqualified!
- 13.No holding.
- 14.You are given 20 seconds for aggressive hits, 1 minute for restarts and 1 minute if you are hung up.
- 15.Cars are subject to re-inspection before any prize money is handed out.
- 16.If its not in the rules don't do it!
- 17.Any questions give us a call! If it doesn't say you can do it, don't do it. Call 1st!!  
Judge's decisions are FINAL!!!

## ➤ 2024 General Rules

- 1/2 Ton Trucks Only
- 2) 2WD and 4WD trucks and Suburban's are allowed. 4WD vehicles must remove the front drive shaft. All frames must be pickup truck frames!
- 3) Standard cab and standard box allowed, no altering, no exceptions! All cabs must match the frame (Year & Make) they are going on.
- 4) Maximum frame height is 26 inches, minimum frame height is 19 inches.
- 5) No body or suspension lifts allowed. No flat beds, or any other style frames!
- 6) Remove all glass, chrome, plastic, moldings, headliner, flammable material, A/C coolant, antifreeze, trailer hitches and interior decorating.
- 7) 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.
- 8) Plastic tanks must be in a metal box, no exceptions!! Electric fuel pumps are allowed but switch must be clearly marked on/off.
- 9) Floor shifters are allowed. Ignition and wiring modifications (hotwire) are allowed.
- 10) Hood must have 12" x 12" minimum hole to easily extinguish fires. Extra hole(s) in hood are not required if header holes are least 12" x 12".

## ➤ Frame

- Nothing may be welded past 6 inches from the front of the frame. You may weld a 6"x6" plate to the front of the frame to bolt your bumper to. 6" from the back of the bumper is all you get to mount the bumper.

## ➤ Bumpers

- Loaded bumpers or 6x6x3/8" thick tubing are all allowed. Tubing ends Must be open.

## ➤ Hood

- (6) locations of bolts, 3/8" chains or 9 wire will be allowed, 1" max. (2) may go to frame, the other (4)-locations must be sheet metal to sheet metal. If you choose to use threaded rod it must be welded vertically within 4" of the stock core support location, 1" max. Only one of these three may be used.

## ➤ Steering

- No welding or bracing tie-rods, must be a stock tie rod from a 1/2-ton truck. Aftermarket steering columns are allowed.

## ➤ Engine

- Motors may interchange, but it must be within 4" of the factory location.
- No distributor protectors & transmission braces
- You are allowed a front lower cradle with pulley protector. Cradle must attach to a factory style engine mount; this is the only way to tie the engine down. No part of the lower cradle can extend any further back than 3" from

the very last bolt on a stock engine. Carb halos are allowed, nothing can extend past the last spark plug hole on the block. No pan protectors, side bars, etc. can go back towards the transmission to tie it in. Header protectors are allowed; this can be accomplished with a piece of 4"x4"x1/4" welded around header or to carb halo only

#### ➤ Transmission

- No transmission braces whatsoever.
- A JB aluminum bell is allowed but may only be secured by the pump bolts. All sheet metal must be at least a 1/2" from bell.
- You may have a transmission cooler but cannot strengthen truck in any way and must be secured.
- Any driveshaft allowed, including sliders.

#### ➤ Radiators

- Must be in stock location.
- Aftermarket stock radiators allowed.
- You may bolt air conditioner condenser in front of radiator.
- No homemade radiators. No radiator protectors allowed.

#### ➤ Doors

- Doors may be welded 5" on 5" off with nothing larger than 3" wide by 1/4" thick strapping. If you choose not to weld, you are allowed to chain or 9 wire your doors shut.

#### ➤ Driver's Safety

- You are allowed a driver's door plate/protection. This cannot exceed past 3" of the driver's door seam either way.
- All cage components cannot exceed 6" OD and cannot be any smaller than 2" OD. This cage is strongly recommended for your safety!
- You are allowed a dash bar, a bar behind the seat, and you can connect these 2 bars along the inside of the doors. All cage components must be free floating, with 2 down legs to cab tin only! Down bars cannot be anywhere near the frame. Dash bar must be 6" away from the transmission tunnel.
- Rollover bar consists of (2) uprights and (1) horizontal bar over the cab. The 2 uprights may go to the frame with 2 down bars(kickers) to the body up to 24" behind the halo.
- Cab can be welded to box on the exterior only!

#### ➤ Tires

- Any tire is allowed.

#### ➤ Suspension

- Maximum frame height is 28 inches to the top, minimum frame height is 19 inches to bottom. No exceptions!
- Stock springs only, no homemade springs!

- You may clamp springs together with factory or homemade clamps, (6) per side. Homemade clamp size cannot exceed 3" wide material and cannot be thicker than 3/8". 7/16" bolts max is allowed to bolt the homemade spring clamps together.
- No leaf conversions on 1989 and newer GM or Ford trucks unless they came factory with leaf spring perch mounts. No exceptions!!
- 2x2" tube straight from axle to frame is allowed to get height.

#### ➤ Batteries and Fuel Tank

- Fuel cell is highly recommended to be in a steel box. This is to be located in the most forward center of box or inside of cab. Gas line to be run in a protective conduit.
- Two batteries max, batteries must be covered or in a box. All battery boxes and fuel cells must be mounted securely.

#### ➤ Body Panels

- No creasing is allowed.

#### ➤ Body Bolts & Box

- Body bolts can be replaced, up to 3/4" max rod. You may add (4) additional body bolts in the box, and additional body bolts in the cab. These can be welded to the frame but must be vertical and cannot exceed the 3/4" rod! 6"x 6" washers in stock mount locations are allowed.
- No bolts may be ran through the frame to create pins.
- Box must remain upright and in stock location, no tucking, shortening, or other manipulation to the box is allowed!
- All boxes that tucked themselves in during the event need to be straightened out in a respectable manner if they want to run the next event.
- You are allowed a plate for you gas tank to sit on, the plate can be 3" wider in all directions of your fuel cell. It must be free floating and can be bolted to sheet metal only, you can connect it to your back-seat bar or cab or roll bar.

#### ➤ Tailgate

- Tailgate must remain upright in the stock location. Tail gate may be dropped a maximum of 8" but must remain vertical. You may weld tailgate to frame or bumper. No tucking of tail gate is allowed.
- You have (3) ways of fastening your tailgate. You may weld a 3" wide strap per seam, or Chain/9 Wire at (2) locations per seam. Outside only.

#### ➤ Rear Ends

- No braced rear ends are allowed! Factory 5 or 6 lug rear ends only, no 8 lug rear ends allowed! (1) additional 3/8" chain per side is allowed to hold rearend in place.

➤ Repair

- No Plated Fresh Trucks!
- If your cab is rusted out, you may NOT create floor plates to tie your cage to your frame. You may only patch the rust.
- Pre-run trucks get up to 3"x12"x1/4" thick of plating per rail. It must be on a clearly bent area, not stress marks. When this plating is gone it is gone, you do not get 13"

**Rules Questions? Contact Grant (608)412-3102 or Jason (608)604-6902**

## ➤ 2024 General Rules

## Bone Stock Small Trucks/SUVs/Vans

- No V8's!!
- No protectors of any kind.
- Must remove all flammable materials, remove all glass, plastic and trim. Airbags must be removed. Clean all debris out from inside of vehicles. Must remove gas tank and battery from factory location.

## ➤ Body Mounts

- Must remain stock. Do not touch body mounts unless specified. No bolting of any sheet metal unless specified.

## ➤ Doors

- You may weld driver's door solid, all other door, tail gates, or rear van doors may have 2 spots of 3x3 1/4" plate welded on each vertical seam only. Or you may use chain or #9 wire.

## ➤ Frame

- Do not weld on frame at all.
- Do not shorten frame
- You cannot have exposed frame rails they must be covered! You can drop the tailgate if needed.

## ➤ Hood

- You can have 6 spots to hold hood on. 2 spots may be 3/4" max rod in the front 2 mounts. These may go to frame, you can weld them or bolt them. Other 4 spots must be sheet metal to sheet metal.
- Can use chains or #9 wire. Or you may weld 2x2 angle iron with 1 3/8" bolts.
- Must have hole cut for fires. No bolting sheet metal back together around holes

## ➤ Tires & Wheels

- Any tires and wheels allowed.

## ➤ Cage

- 4-point cage is allowed.
- 2 down bars from side bars to floor on both sides. Passenger and driver's side.
- No kickers.
- Tank protector is allowed (tank must be in it) Protector may not be more than 8" wider than gas tank all the way around!!
- All cage material can be no larger than 6" from any sheet metal.
- Vans may not extend their cages any further back then the rear side doors!

- Single cab truck may be build a separate protector for your tank that is bolted in the box close to the cab. Must be bolted to the frame in 4 spots. No other cage material may contact it. Any other vehicles tank must be inside the cab.
- Rollover loop is allowed.

#### ➤ Front window bars

- Must have chains or straps welded or bolted from cowl to roof for safety!

#### ➤ Truck boxes

- No box wedging.
- Box sides must be vertical.
- 2 extra body bolts allowed in box for safety. Must be same size as factory. 4x4 max washers. No other extra body bolts other than box!
- Tailgate may slide down to cover rear bumper area if rear bumper is removed. If bumper is left in place you can not move tailgate or you can remove it.

#### ➤ Bumper

- You can use any of the following bumpers
- Any OEM factory car bumper seam welded only. No loading!
- Tubing no bigger than 4"x4" piece of square 3/8" max thickness tubing. No loading! Ends must be open!
- Rear bumper must be stock. No tubes on back. Must use factory bracket for that vehicle.
- Can attach it by welding or bolting
- 6 inch shock of your choice to attach it to the frame. Can be welded all 6" of bracket to the frame. That is all you can have. Any more than 6" you will have to cut it. Shock can be homemade but must only be 6" in total length. If using factory bracket you can weld 6" in length of it.

#### ➤ Engine, transmission, rearend

- No protectors of any kind
- Sliders are allowed
- Transmission cooler is allowed.
- You can weld lower mounts in motor, must be bolted to those.
- You can have 2 spots of chain, one on each side of motor down to the frame to help hold motor in place.
- No braced rearends!
- Transmission crossmember may be a 2x2 tube from frame rail to rail. You can use a 3x3 angle 6" maximum length welded to frame to set crossmember on. You can bolt and chain transmission to crossmember.

#### ➤ Suspension and Steering

- Must be stock!!
- Column can be aftermarket.
- No reinforced tie rods or ball joints.

- Rearend must be held in with stock parts (No aftermarket or homemade)
- You are allowed to chain or bolt down a-arms for height.
- You can chain rear suspension. Must only be 28" max tall to the top of the bumper in front and minimum or 14" in the back from bottom of frame rail.
- No radi-barrels, you can have a condenser bolted to the front to protect rad.

**Rules Questions? Contact Scott (608)604-1559**



## ➤ 2024 General Rules

## Bone Stock Small Cars

This is a bone stock class. If it is not in the rules don't do it. If you have to call about this class, the answer will most likely be no. NO EXCESSIVE SPRAY FOAM! If we think you are hiding something, we will make you remove it all before you can run!

- Any 4 or 6 cylinder allowed
- No V8's & no full frame cars allowed!
- Any year is allowed.
- This is Bone Stock Class so read rules carefully

## ➤ Car prep

- Must remove all plastic bumpers, trim, and glass. All flammable materials must be removed from the inside of the car. Factory gas tank must be removed and battery must be moved from factory location. You may leave the dash in. All airbags must be removed. All trash and debris must be cleaned out.

## ➤ Body

- Body must remain stock! No body creasing, no welding unless stated, no bolting or wire anywhere unless stated. Do not touch any body bolts.

## ➤ Engine and transmission

- Must be stock!
- No carbs, no protectors of any kind.
- You may have stacks
- You can chain motor down but no welding and no motor mounts

## ➤ Suspension and Steering

- Must be stock!!
- No reinforcement of anything
- Must use stock column
- No altering factory height

## ➤ Rims and tires

- Any rim and tire combo is fine
- No flats

## ➤ Bumpers

- You can cut crush box off.
- Any automotive bumper with 6" bumper shock is allowed, but no seam welding or loading is allowed.

- You may bolt or weld it to the factory shock only (this is the only welding allowed bumper to shock)
- Do not remove shock and no welding on anything else.
- If you have a unique car, please call and ask first.
- Must have a 3/8" chain around bumper to car. 1 on each side. (bolt only no welding) Or you can use 2 strands of #9 wire in the same manner.
- Factory bumper on the back or you must remove it.

#### ➤ Windows

- Front windshield must have 2 chains, #9 wire, or straps from roof to cowl. Bolting only, no welding.
- Nothing else in any other window and no rear window bar!

#### ➤ Doors

- Driver's door may be welded solid.
- All other doors may have 2 spots per seam of 3/8" chain or 2 loops of #9 wire on each door. Or 2 3x3 plates welded per seam. Do not mix and match!

#### ➤ Hood and Trunk

- Must have 12" hole cut in hood for fires.
- 6 spots can be used to hold down hood. Front 2 hold downs can be no larger than 3/4" rod and can only bolt to core support or be welded to it. Nothing may go through frame rails or body mounts. Other 4 spots must be sheet metal to sheet metal. You can have 2x2 angle welded to hood and fender with 3/8" max bolts or you can use chain or #9 wire.
- Trunks may have 4 spots of chain or #9 wire sheet metal to sheet metal. No tucking trunks or creases at all you may remove trunk lid. No rod in the back of any car.

#### ➤ Cage

- All cage material can be no larger than 6x6.
- Must have rear seat bar from post to post behind seat.
- up to a 4-point cage is allowed.
- Side bars must not be any further back than 6" past front doors.
- You can have rollover loop with no kickers of any kind!
- You may have a floating gas tank protector as long as your tank is in it. Protector may not be any wider than 2" over tank size and must not contact any sheet metal.
- Cage must be 6" off the floor and 6" from speaker deck.
- No removing speaker deck!
- No kickers or down bars at all except 2 from cage to floor on driver side only. Must be in driver's door area. Not outside it

#### ➤ Battery and gas tank

- Battery must be located on the passenger side of the floor and secured to the floor or front cage bar or on the passenger front seat. Must not move at all.
- Fuel tank must be moved to the back seat area in middle of the car. Must be secured well.

**Rules Questions? Contact Colton (563)880-0770 or Dominic (608)570-0882**

If it is not stated in the rules, DON'T DO IT. Please call with any questions.

- 4 cylinder or 6 cylinders only. No V8's and no full frame cars allowed. Rear wheel drive is allowed. Any year is allowed.

➤ Safety

- All seat belts must work!
- All airbags must be unhooked before show.

➤ Body

- Body shaping is allowed but no folding or double metal.
- Repair on sheet metal rust must be repaired with same thickness of metal, do not cut the out the rust. You must overlap the rust.
- You can trim wheel well for clearance.
- You can add 5 bolts that are 3/8" in the fender.

➤ Doors

- Doors can be welded 5" on 5 off you can use 3" wide 1/4" thick plate on every door seam.
- Driver's door can be welded solid.

➤ Hood

- 6 hold downs on the hood up to 1" rod. Only 2 may go to sub. You can run front 2 through sub mounts. No welding of the front 2 rods! The other 4 may be welded to the sheet metal with no added material. The rest have to be sheet metal to sheet metal. Rods must be no longer than 8" in length except front 2 core support mounts.
- Must have a 12" hole in hood for fires. You can have 12 bolts 3/8" to hold skin together around each hole cut.

➤ Trunk

- Trunks may be welded 5 on 5 off 3" wide, 1/4" thick plates and you can have 4 rods 1". All 4 rods may go to rail. Through or welded is okay.
- Tucking trunk with a single 90-degree bend must be 50% stock. No wedging of trunk, quarter panels must be upright. No ramping effect.
- Do not remove rear speaker deck.
- Station wagons can secure tailgate same as trunk but no threaded rod in the back of a wagon at all.

➤ Windows

- Chain or straps must be in your windshield. Can go from roof to bottom of window sheet metal. May be bolted or welded.
- Rear window bars must be attached to roof and split trunk seam with a 6x6 plate. Do not run window bar to floor. Do not attach window bar to rollover loop.
- 4 loops of #9 wire in each window opening are allowed. Do not attach to the cage!

#### ➤ Motor and Transmission

- Transmission cooler is allowed.
- Any motor as long as it is 4 or 6 cylinders (no V8's)
- Headers and carb setup is allowed.
- Front header protector only can be bolted to motor or welded to front solid motor mounts. You can beat your firewall for clearance.
- Motor mounts may be mounted solid with a welded strap or square tube.

#### ➤ Steering and Suspension

- Reinforced tie rods aftermarket is allowed.
- Reinforced struts and weld your suspension solid are allowed.
- Built struts are allowed.
- Aftermarket pedals are allowed.
- Aftermarket steering column is allowed.
- Shifter allowed.

#### ➤ Cradles and Body Bolts

Do NOT weld on your cradle of frame unless specified!

- body mounts up to 1" are allowed.
- Chain your sub to frame is allowed. Do NOT weld links solid!

#### ➤ Wheels and Tires

- Any tire and rim combination are allowed.
- No split rims or studding tires

#### ➤ Cage

- 4-point cage with a rollover loop is allowed. Rollover bar must be straight up and down, not angled. You can weld or bolt it to the roof with 12" of weld in the center of the roof only. You can have 2 down bars on driver's side only. May be welded to the floor. Down bars must be in the front door area only. Do not go past the door (front or back) No kickers off of cage at all.
- Cage material must be no larger than 6x6. Must be 6" off the floor and firewall (the entire cage)
- 2 straps 3" wide 3/8" thick from front bar to top side of firewall

#### ➤ Gas Tank and Protector

- Factory tank must be removed.
- Boat tank or something similar is acceptable.
- Tank must be in the center of the back seat area or behind driver's seat. Must be secured properly (no seat belts, plumber's tape, or chain)
- If gas tank protector is being used the tank must be in it! Protector can only be 2" wider than the tank and must be secured well. Tank protector can be tight to the rear package area.
- Do NOT beat sheet metal and do NOT go past the rear seat area! Do not weld or attach it to any sheet metal. Must be floating off of the rear seat bar. You can have bars off the back protector that go straight up to protect the tank.

#### ➤ Battery

- Battery must be moved to the inside of the car and secured on the floor or in the cage.

#### ➤ Bumpers and Shocks

- Any automotive bumper on the front is allowed.
- Up to 4x6 ½" thick square tube front bumper is allowed.
- Homemade bumpers or replicas are allowed but no bigger point than an OEM Chrysler pointy.
- Rear bumpers must be stock or removed.
- Bumpers may be seam welded and have holes welded shut.
- Loaded bumper is allowed.
- Weld bumpers on good! We don't want them to fall off. You can use 2 straps ¼" thick 3" wide from top of core support to top of bumper. Or you can use #9 wire in 2 spots.
- Stock shocks may be pushed in and welded. You can weld shock to bumper and weld shock to car.
- Shocks can be removed and replaced with tubing no larger than frame opening. You get 8" of tube, we will measure 8" from back of bumper and drill holes. You can run your 2 front rods through the tube and front body mounts.

#### ➤ Fix it Plates

- 2 plates 4x6 plates 3/8" thick total can be used for pre ran or fresh cars. These plates or the welds must not touch. Must have a 1" gap between plates.

**Rules Questions? Contact Dominic (608)570-0882 or Colton (563)880-0770**

Any passenger car is allowed. No ambulances, hearses, limousines, imperials or their frames are allowed.

All cars must be stock, unless modifications are stated in the rules.

All glass, plastic, chrome, and interior must be removed from the car before arrival at the derby.

You must have a number in bright colors on each front door and must have 15"x15" roof sign with car number on it for judging and recognition of car. No excessive washers!!

You can run shifter through floor, and you can have a switch panel. If you are running an electric fuel pump (must be hooked up to your ignition switch) so when your car shuts off – it shuts off.

Open limited weld

➤ Body Mounts

- Body mount bolts can be replaced up to  $\frac{3}{4}$  bolts diameter bolts, may extend through body and have up to a 5"x5"x1/4" thick washer on top, bolt must be up inside of frame as factory and may have larger washer inside of frame (no longer than 5"). If there is factory rubber mount without a body bolt you can add the bolt to the mount. A 3" diameter 1/8" washer can be welded to the frame over any body mount hole for rusted frame mount repairs. All other washers must all be free floating.
- You are NOT allowed to bolt, or weld any factory body seams together, must remain stock!

➤ Body Repair you may repair rusted out sheet metal with sheet metal only SAME THICKNESS. Two inches past rust hole leave the rust in place and repair over it.

➤ Body shaping/creasing can be done on side doors and fenders.

➤ Fenders you may cut wheel wells for tire clearance, fenders may also be bolted together with 6 3/8" bolts or less to outside sheet metal only, bolts must remain within 5" of wheel opening, threads must be pointed in or cut off access threads

➤ Core support

- Must remain in factory location, support also must remain stock with no welded seams.
- 6" core support spacers free floating between frame and core support! No Welding!

➤ Doors & Tailgates

- Outside of doors may be welded may be welded with 2 – 3" wide straps by 3/16" thick or smaller filler materials per seam! Top of doors may be rolled over and welded with no added materials.
- Hardtop no-post cars may have 3/16" strap at the center post to roof.

### ➤ Window Bars

- For safety you must have 2 bars in windshield from roof to dash for safety reasons must be a minimum of 5" away from any protector or hood pin.
- Rear window bar is allowed. 2" diameter ¼" thick, square, round, or flat material maximum. Plate size no larger than 5x5x1/4" thick, must be welded within 5" of window track. Any metal beyond 5" of window track front or rear will be cut! Do not attach to floor sheet metal.

### ➤ Window Wire

- 2 locations with 4 loops of wire (no cable or chain) in each door window opening and may go down and attach to the frame or body mount plate. You can weld washers around holes on car body but cannot be attached to cage at all.

### ➤ Hood

- At least 12" square hole must be cut out in case of a fire. 12 extra 3/8" bolts to bolt your hood skins back together can be used.
- 6 hood bolts up to 1" all thread, 2 may go through core support and front body mounts. Do not relocate body mount. The remaining 4 hood bolts must be sheet metal to sheet metal. Hood must open for inspection. Plates for hood bolts cannot exceed 5"x5"x1/2"
- Chrysler products may run all thread behind radiator support down to top of frame and welded to the top of frame with no added material or may pass through frame.

### ➤ Trunk

- Lid may be tucked with 60% remaining factory location 2" to 1" all-thread may go from the trunk lid to frame. (can go through body mount hole or welded to the side of frame)
- Top trunk lid seams may be welded in 5" on and 5" off. 5"x3" plate 3/8" or unlimited bolting with no bigger than 3/8" you can do one or the other not both!
- No extra bolting tuck to floor-pan other than with two 1" ready rods to frame.
- Trunk and speaker decks may be dished no wedges. You can remove deck.

### ➤ Cooling

- Stock sized in factory location rad is acceptable.
- Radiator protector ¼" max thickness material in front of radiator. This protector can be 2" bigger than the radiator on all sides. Protector can be bolted in 6 spots maximum to core support only. Bolts must be 5/8" with 3" maximum length sized washers, not attaching to hood pins. NO WELDING.

### ➤ Batteries

- Must be moved to passenger floorboard close to transmission.
- Must be properly secured and covered.
- Must be in battery box and bolted to sheet metal or secured to front dash bar.

### ➤ Tires/ Rims



- Any tire and rim combination are okay.
- No split rims or studding tires

#### ➤ Steering

- Tie rods can be re-enforced or aftermarket.
- Steering column can be maybe altered to prevent loss of steering. Steering knuckles, homemade steering shafts, etc. are acceptable.

#### ➤ Suspension

- Aftermarket bolt in ball joints is acceptable.
- Aftermarket hubs or oversized studs and lug nuts will be allowed.
- NO aftermarket spindles allowed.
- A-arms and all other suspension must remain stock components other than specified (Moog direct bolt/press-ins are allowed) upper a-arms may be pinned through center of arm, chained, or welded down to get your bumper height. (Welding) 2 straps, 3" wide max, 1/4" thick, welded 2" on frame and 2" welded on upper a-arm vertically.

#### ➤ Rear Diff

- Rear end of your choice ¾ ton and hybrids are allowed.
- Rear hosing can be braced.
- Rear-end control arms may be reinforced but must be workable.
- Shortened or made longer is fine but must have factory ends!
- No leaf springs conversions allowed.
- Sagging coil springs to get your height, you can bolt or wire coil springs to rear end to frame to prevent springs from falling out. You can loop chain or wire from rear end to frame in 1 location on each side no bigger than #9 wire or 3/8" chain or cable may be used. You can also run an additional wire or 3/8" chain location from frame rail to frame rail behind rear end with 4 loops of wire or 1 loop of 3/8" chain/cable in 1 spot only (must go around the frame) This cannot be bolted through the frame as a pin effect.
- K-frame Mopars may bolt the k-frame with 3/4" spacers between rails and k-frame. Weld together with no more than three 4"x4"x1/4" plate side.

#### ➤ Suspension and Frame

1978 & newer GM and 80 & newer Ford cars running with the old iron.

- 80's metric GM's only – you are allowed a ¼" thick by 22" long hump plate, this must follow the contour of the hump centered and welded with one pass of ¼" weld. This plate must be welded to the outside only. No plug welding is allowed. Must match the factory hump and not span the center of the hump. Do not weld and seams on the rear of the car!
- Cold Bending is allowed.
- 80's Fords may be tipped at the trans crossmember. No seam or crush-box welding.
- 2003 FMCO cradle must remain stock. You may have a bolt in cradle over top of factory aluminum. Keep it ½" from rails. Must bolt to a-arms mounts. No welding.
- Must have all factory steering.
- Can have strut spacers to get height.

- Watts-link conversions are allowed. You may convert a Watts-link to a standard 4 link system in the following ways.
  - No welding in package trays!
  - Use the upper and lower trailing arm brackets off an older Ford or after market brackets but no thicker than  $\frac{1}{4}$ " and may be attached with max of 4 –  $\frac{1}{2}$ " bolts each side.
  - No connecting side to side. Must be separate and not oversized.
  - No positioning of brackets to strengthen the front down legs of the rear hump. Must be mounted in the stock location. You are allowed 12" max weld per side to weld a 80's Ford factory lower trailing arm mount to frame or aftermarket lower no larger than factory size,  $\frac{1}{4}$ " thickness. No pinning frame with lower bolt.

#### ➤ Leaf spring cars

- Must be stock and in factory location.
- 9 leaf maximum
- No flat stack. You can have 4 camps per leaf using 2 -3/8" bolts maximum.
- The main leaf spring must be the top spring in the spring pack and leaf springs.
- Must stagger down with at least a 2" stagger from longest to smallest. Homemade clamps are not to exceed 2x4x1/4"
- Factory leafed cars can NOT weld mounting brackets to uni-body where leaf springs are mounted.

#### ➤ Frames

- No frame painting. Leave all welds exposed. No sandblasting, undercoating, or chemical use on frames.
- No unauthorized frame repairs allowed; this includes rust.
- If caught with any frame infractions: squaring, pinning, plating, shrinking, extra seam welding, gussets, etc. or anything else you can think of not outlined in the rules you will have NO chance to fix it. You will be automatically loaded with NO refunds!
- You may shorten front frame rails from core support mount forward. Must leave in factory location.
- Minimal shaping of rear humps 11" each direction from center of hump, 22" total, is allowed.
- No other frame shaping, squaring, or manipulating of frames! Must remain stock unless outlined in these rules.
- We reserve the right to drill a  $\frac{1}{2}$ " hole in the frame to scope.

#### ➤ Cage

- For driver's protection, you can weld a bar behind the seat from doorpost to doorpost.
- Dash bar is allowed. Must be 6" minimum away from center of firewall. You can weld 2 straps from the dash-bar to the firewall. Must be on top side of cowl & dash bar outside of any protectors. 3" by  $\frac{1}{4}$ " flat or angle. You may connect from dash bar to seat bar across the inside of front doors. You may have a roll loop behind the seat or attached to seat bar that must be welded to the floor (not the frame) and welded or bolted to the roof in 2 locations.
- No kickers going to the back or front of the car.
- Back of cage including roll bar can only be 10" from back of driver's seat.
- You are allowed 2 down bars on the inside of the passenger's front door to floor (not body to the frame or body mount). Outside or inside of driver's door can be reinforced not to exceed 6" past each seam (6" maximum in diameter on all cage material) no piece longer than 60" in length may be used.
- All cage material must be a minimum of 6" from floor. No contoured pieces

- Trans tunnel must have minimum of 6" from dash bar!

#### ➤ Fuel tank

- Original gas tanks must be removed.
- Boat tank or well-made fuel cell 12 gallon maximum is to be used.
- Tank must be properly secured (no ratchet straps or bungees to hold the tank in place) and covered with non-flammable material.
- No gas cans.
- Plastic gas tanks must be placed in a metal box.
- If tank is mounted to the cage it must be 4" from any part of the car body.
- Tank must be bolted to body sheet metal or cage only. Not both.
- Gas tank protectors are allowed. No wider than 24" in center of car. Must be at least 4" away from rear sheet metal (do not pound, cut, or manipulate sheet metal) This may angle straight back from rear seat bar in center of car and must be 6" off the floor.
- Protector must be free floating not connected to anything but seat bar and no higher than stock speaker deck height. Cannot be attached or be able to come in contact with rear window bar.

#### ➤ Bumpers

##### Front bumper

- Loaded and seam welded factory bumpers are allowed.
- 4"x4" 1/2" tube bumper is allowed
- No aftermarket or homemade bumpers

##### Rear Bumper

- Can be factory style only (no tube or homemade rear bumper) or may take it off.
- 2 straps, 2 chains, or 2 wires (4 loops) from trunk deck to bumper can be used to hold bumper on. Straps can be up to 3" wide by 1/4" thick and no more than 5" welded on the bumper and 5" on the trunk.
- Wire is allowed from radiator support to front bumper in 4 locations.

##### Bumper bracket

- 3/8" thick by 4" wide by 5" long homemade plate for bracket. Only 1 pair of brackets on 1 side of frame may be used.
- Bumper height max is 28" to the top of the bumper. Rear frame rails must be minimum of 14" to bottom of frame to ground.

#### ➤ Engine Mounting – Protector Restrictions

- Motor and transmission of your choice is fine.
- Motor must be in stock location.
- Cannot use firewall as a brace to stop car from bending.
- All cars must use stock engine cradles for the year of the car.
- Engine mounts may be welded to frame engine cradle. You may use 2 flat straps 2" wide 1/4" max thickness from the front motor head to top side of frame next to a-arm. Must be directly to frame not angled for leverage and can be welded with 2" width of strap with 2" of length (no longer)

- Any part of engine may be modified, dist cap protectors and engine cradles are allowed only with firewall cut out 2" larger for protector to be able to pass through, cannot be used to strengthen car. Dist cap protector can NOT come in contact with cage, front window bars, dash straps, or hood pins at all. Before or after the show.

➤ Transmission

- Coolers are allowed but must be bolted to sheet metal or cage only(not the frame)
- Transmission protector is allowed but needs a brace. Tunnel must have relief cut. Ultra bells and mid-plates can be used if not deemed to reinforce body or frame in any manor or you will be cutting sheet metal or mid-plate
- Cross member can be constructed of 2"x2"x1/4" max thickness square tubing of any stock crossmember. Cannot be reinforced internally. NO welding to crossmember or frame rails. No adding material.
- Mandatory, if running transmission brace you must have 2 accessible 1/2" inspection holes pre-drilled 10" each direction from center of crossmember.
- Do not weld protector to crossmember.
- May use two 6" long pieces of 2x2 angle iron to mount crossmember on 1/4" thick max angle iron mounts can be welded to frame and crossmember.
- Transmission can be secured to crossmember. NO WELDING

Build to the rules!! You will have only one chance to make changes to pass tech. Make sure you know exactly what is needed corrected if you can't pass tech first round.

**Rules Questions? Contact Grant (608)412-3102 or Jason (608)604-6902**