

# 2024 youth compacts

## General rules/ car preparations

1. Any year car permitted front wheel drive cars only within 110 inch wheelbase
2. Cars Must be complete stripped clean no trim interior or any other flammable materials must be removed prior to the show all wagons must remove roof racks and decking
3. All glass must be removed and swept clean
4. All batteries must be moved in the drivers compartment ( 2 battery maximum)
5. Car must have a seat belt and working brakes at all times
6. You will have two times throw tech if on your second attempt you did not meet satisfaction to what the inspectors wanted you will be loaded and no refund will be issued ( as our job of inspections we will make sure it is clear and understandable of what we want done so there shouldn't be any questions or miss understanding)
7. **Drivers only in tech no one else is allowed ( we will give you a piece of paper with everything written down for you to take back with you to show your crew) must have paper with you for re tech**
8. All rules are to the interpretation to the officials ( if unsure of a rules call or text to get clarification so you understand what we want)
9. All judge's decision are final
10. We reserve the right to drill,scope,unbolt anything we feel could potentially be hiding something
11. Pre ran cars must follow these rules and change what needs to be changed we will not change the rules to fit your car you must change your car to fit our rules

## Frames

1. Frames must be 100 percent stock absolutely no welding anywhere will be permitted unless otherwise stated
2. No seam welding even where factory missed
  - If found you will cut the center of weld out with a grinder or torch
3. You may notch or dimple cars in one location
4. UNIBODY CARS STILL HAVE FRAME RAILS, FOLLOW THE FRAME BUILDING RULES.
5. No painting of frames
  - If found you will be required to remove
  - Over spray is considered paint and will be removed also
  - No fresh undercoating
6. If frame is rusted we must have proof of rust and must be approved

## Shorting of frames

1. May shorten frame to front edge of Core support
2. No shorting of rear of vehicles

## Repair/fresh plates/9 wire

1. If car is fresh/pre ran you are allowed 4- 4x4" ¼" square plates (2 per rail)
  - Square or parallelogram plates
  - Must have a 1 inch gap between welds
  - Welds/plate Must remain 2 inches away from bumper shock/ bracket

- May have 8 spots of double strand 9 wire from sheet metal to sub/uni body May not connect or go around any part of cage
- Plates must be external
- Must be painted orange for easy identification
- Plates are not allowed to tie subframe to uni bodys or k frames to uni bodys
- No 9 wire or chain may be ran from subframe to k frame

## Bumpers

1. Any factory loaded seam welded automobile bumper
2. **Use bumper rules for front and rear of car**
  - we will be allowing a smith metal works or similar bumpers
  - Home made bumpers not to exceed 6x6 tube may have a point must not be no more than 4in away from front face of bumper and must expand 32 inches across the front
  - Rear bumpers must be a minimum of 5 inches on back surface
  - Replicated bumpers will be allowed except pointy replicas
  - **No pointy or slanted bumpers on rear of any car**

## Bumper mounting

1. You will be allowed a 4 inch wide by 6 inch long bumper bracket (4"x6"x 3/8")
  - Plate can only be on one side of the frame not all 4
  - May contour or remain straight
  - Must touch front bumper and anything past 6 inches will be removed factory or not
  - If you choose to run a factory shock or bracket anything pass the 6 inches will be removed
  - If using the plate options you must remove factory shock/ bracket
2. Bumper brackets and shocks must be factory to car you are running and bumper shocks must be in the factory location
3. May use a 6"x6" 1/4 plate welded to end of frame to make a flat mounting surface must be welded in between the fame and bumper and remain the 6"x6" no folding over plate on to frame
4. Bumpers may be welded on to the end of the frame no sliding bumper over or inside of end of the frame or subframe rails
5. If unable to weld your bumper on you may wire, chain, and bolt your bumper on and may leave the shock this is for the cars that bumper was not welded on
6. You are allowed two spots of double strand 9 wire from bumper to sheet metal only must follow the following
  - On the front bumper 9 wire may only go around core support may not be wrapped through hood or around front all thread mounts
  - Rear bumper 9 wire may only go from bumper to trunk lid must only be to sheet metal

## Body

1. No body modifications must be stock unless otherwise stated

2. No changing of body mounts must remain factory zero modifications
3. Creasing is allowed but limited to front fenders and rear quarters

### **Doors**

1. Drivers door and front passengers door may be welded solid and all other doors may be welded with a total of 6 plates 3x5x1/4
  - You will be allowed a inner or outer door plate on drivers door and passengers door only this is for drivers protection
  - No thicker than 1/4 inch and can only go 3 inches of each door seam
2. If not welded may be chained or wired 8 spots per door
3. you may weld a standard 5/8 washer around holes to prevent ripping
4. Top of doors may be beat down but may not be welded,bolted, or screwed back in place

### **trunks/tailgates**

1. Rear quarters must remain factory height
2. Trunks must remain factory and above rain channels you may do a simple tuck but can not attach to the floor in any way
3. Trunks can be may be chained or wired,welded must pick one of the three options
  - If wired may have 10 spots you may not exceed over two strands of 9 wire thru each spot a 5/8 standard store bought washer may be welded around whole to prevent ripping
  - If chained you may do 8 spots 3/8 links and must remain free floating a 5/8 standard store bought washer may be welded around whole to prevent ripping
  - If welded you may do 6 spots 3x5x1/4 plate may be used

### **Hoods**

1. Hoods must have a minimum 12x12 hole in it for fires can be bolted back together with 4 3/8 bolts with a standard nut and washer
2. hoods must remain open for tech if you come threw tech with it chained or wired down we will not inspect your car
3. hoods may be chained, wired or bolted one of the three may be used
  - If chained or wired you may do 8 spots of wire or chain you may weld a standard 5/8 washer around holes to prevent ripping
  - If bolted you may use 6 spots and you may use 2x2 angle 2 inches long in 6 spots with a standard 1/2 bolt and washer

### **Window bars**

1. You may have one front and rear window bar can only attach to first 6 inches of roof and first 6 inches of cowl panel or trunk lid closest to window
  - If its square tube nothing bigger than 2x2 1/4 pipe
  - 3in wide 3/8 stock bar
  - Chain
  - Or 9 wire
  - One of the following not all of them
  - No rear window bars on wagons

## Cage

1. A 4 point cage and halo bar is highly recommend but is optional
  - Cage size may not exceed 2 x 6 ¼ or 4 inches in diameter
2. Cage can not be in the doors
3. All cage material must be 5 inches off floor no exceptions
4. your dash bar must be 5 in off the firewall and 5 in off the trans tunnel your rear seat bar may not be any farther back then where the rear kick panel meets the floor (where the front of the back seat would be located)
  - Side bars must be 62 inches long and must also remain 5 inches away from fire wall and 5 inches from floor
5. May have a center bar must be 5in off all parts of the floor sheet metal
6. Halo bars are allowed must be straight up and down and connect to rear seat or side bars it may be connected to the roof in two spots
  - Attachment points may be 2x2 ¼ 6 inch long angle with a ½ bolt with a standard washer and nut only
7. You can have guessests in corners of the cage
8. 4 inch long max and 1/4 inch material

## Gas tank protector

1. You will be allowed a 32in wide tank proctor
  - It can not attach to any sheet metal and must stay in front of rear axle
  - You are allowed to build an upper halo around your gas tank protector but can be no higher than 3 inches above tank
  - You may have bars running from tank protector to halo bar
  - **If your tank is under your car you may not have a tank protector**

## suspension

1. Must remain stock absolutely no aftermarket or modified parts 100% stock
2. Only aftermarket parts your allowed is spring spacers or the strut risers
3. Cars must have suspension bounce
4. No aftermarket or modified tie rods must remain factory
5. Steering column may be changed to an aftermarket
6. All control arms must be stock and no modifications allowed and must be in in factory location of the car you are running
7. No chaining of the rear to set the height

## Tires

1. Any tire may be used must be no bigger than 16 inches
2. Must use a factory rim
3. No bead protectors no lip protectors no full centers no valve stem protectors
4. You will be allowed a small multi lug center (7in)
5. May run a rubber flap on outside of the wheel

## motor/trans

1. Motor and trans must be factory to make and model no switching makes ( ford to ford chevy to chevy Toyota to Toyota)

2. You may run an aftermarket motor mounts on front of engine only 2x2 max size
  - Toyota products may change the front motor mount running to the k frame must bolt back as factory intended no welding allowed
  - Gm products may change the upper two mounts must bolt in to the factory brackets on both motor and core support
  - Honda products may change the front mount also must be done as factory attend
3. No engine cradles distributor protectors trans braces coil pack protectors no protectors in general must all be oem
4. Trans must be factory to car and mounted in factory location
5. Trans coolers are permitted but must be mounted in drivers compartment and must use appropriate lines ( hydraulic hoses are highly recommended)
6. You may run aftermarket shifter
7. If tank is under the car and in front of the rear axle you may leave it there but must have metal skid plate
8. Headers will be allowed
9. Carb conversions are allowed

#### **Full tanks**

1. Any metal fuel cells permitted or boat tanks if its a plastic tank it must be in some type of metal structure
2. Must be secured and safe if we deem any part of fuel system is unsafe you will fix issues until it's deemed safe
3. **(we all have families that need us this rule is the most important and will be enforced no matter the outcome )**
4. If tank is in front of rear axle it may be left there but must have a skid plate

#### **Aftermarket parts premitied**

1. Headers
2. Shifters
3. Pedal combos
4. Steering columns
5. Fuel cells

Nothing else is permitted unless approved by either jesse bly or matthew kingree

**For all rule questions please contact jesse bly at (540) 335-0723**