2027 Bumper swap compacts

General Rules/ Car preparations/ Safety

1. Any year car permitted front wheel drive cars only within 111 inch wheelbase
2. Drivers must be 16 years of age or older. Drivers under the age of 18 must have a parent/guardian signature and be notarized. Proof of age and ID may be requested and must have documentation on hand if requested. No passengers allowed.
3. Cars must be completely stripped clean and done so prior to the show. No interior or any other flammable materials present. All wagons must remove roof racks and interior decking.All glass must be removed and swept clean.Original full tanks must be removed.
4. Absolutely no type of spray foam anywhere.
5. Cars must have a working seat belt and brakes at all times.
6. Two batteries maximum, these and fuel cell must be moved to the drivers compartment.
7. Drivers must have a DOT helmet, long pants, eye protection, closed toed shoes and we highly recommend a fire suit/jacket or long sleeves
8. The driver is the only one allowed 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. You must have your paper with you for re-tech. Will have two times through tech.
9. All rules are to the interpretation of the officials. If unsure of a rule call or text to get clarification so you understand what we want. We reserve the right to drill, scope, unbolt anything we feel could potentially be hiding something.
10. All cars fresh or pre-run must follow these rules and be changed to our rule format. We will not change the rules to fit your car, you must change your car to fit our rules. Each car will be inspected regardless if it has run a prior show of ours.
11. All added welds must be max ½" width and ¼" height. Repair plates, tilting, bumper plates, shocks brackets, etc. Must also have at least 1" gap between all plates.
12. Any factory part can be interchanged as long as the car is permitted to run this class. This must be a factory stock bolt on part and that could be purchased from a parts store. May remove metal but cannot add back or weld to make it work, must only bolt in a factory manner. Don't abuse this, or try to read into it somehow.
13. All rust repair must be pre-approved. This is to restore the car back to OEM not to strengthen. No replacing frame sections pre run or fresh.
14. Drivers please understand that this event is a dangerous high impact motorsport and if you are having any kind of medical problem before the show you need to inform any Chaos In The Valley Promotions employee.
15. You will have two times through tech, if on your second attempt you do not meet inspectors standards you will be loaded and no refund will be issued. Our job as inspectors is to make sure it is clear and understandable of what we want done so there shouldn't be any questions or misunderstanding. All Inspection decisions are final and we reserve the right to refuse any car or driver.
16. For Tech and approval questions you must text Matthew Kingree 540-335-6439. Include your name and show your inquiry about. Mon-Thur 5-9pm Fri-Sat 10am-9pm
17. All team rules are posted at the end of page

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 or undercoating of frames**
    - **If found you will be required to remove**
    - **Over spray is considered paint and will be removed also**
    - **No fresh undercoating**
    - **Failure to remove could result in an automatic load**

Frame/unibody reclipping or rust repair

1. All repairs on frames and unibodies will be handled on a case-by-case basis. You MUST send pictures to Matthew ONLY for discussion and approval BEFORE any repairs can be done.

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)
    - THESE FIX IT PLATES MAY BE SQUARE OR PARALLELOGRAM FORM. IF IN PARALLELOGRAM FROM THE PLATE MUST BE 4"TOP TO BOTTOM AND SIDE TO SIDE EXACTLY, AND THE TWO FURTHERMOST POINTS MUST BE EXACTLY 7" APART.
    - Must have a 1 inch gap between welds
    - May not fill gaps between welds or plates
    - ½ weld max around plates
    - Welds/plate Must remain 1inches away from bumper shock
    - May have 8 spots of double strand 9 wire
        - ☐ 9 wire that is braided or twisted is considered 2 strands it is not one
    - Plates must be external
    - Plates are not allowed to tie subframe to uni body or k frames to uni body

Bumpers

1. Any factory loaded seam welded automobile bumper or fabricated replica
2. **Use bumper rules for front and rear of car**
    - we will be allowing a smith metal works or similar equivalent built
    - No home made bumpers unless it conforms to factory dimensions
    - The bumper may not be any wider than the outside edge of the tires.

Bumper mounting

1. You will be allowed a 4 inch wide by 6 inch long plate to act as your bumper bracket/shock (4”x6”x ⅜”) or you may use (2’’x2’’) tube
    - Plate/tube can only be on one side of the frame not all 4
    - Must only be on unibody or sub frame not both.
    - Must be on out side of frame
        - ☐ **Any thing on inside of frame will be automatic load**
    - 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 passed 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’’ ¼ 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/ uni body
4. Bumpers must be welded on to the end of the frame no sliding bumper over or inside of end of the frame or subframe rails
5. 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
    - Removing any body puck or rubber spacer is considered a modification and not factory.
3. Creasing is allowed but limited to front fenders and rear quarters
4. **Sun roofs must be covered**

Doors

1. Drivers door may be welded solid and all other doors may be welded 5 on 5 off method 3x5x1/4
    - We highly recommend you use an inner or outer door plate on drivers side only this is for drivers protection
    - No thicker than ¼ inch and can only go 3 inches of each door seam

trunks/tailgates

1. Rear quarters must remain factory height
2. Trunks must remain factory and above rain channels you may do a tuck or dish.
    - Trunk lid or tailgate 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
    - 5 on 5 method for any of the options you choose

Hoods

1. Hoods must have a minimum 12x12 hole in it for fires can be bolted back together with 12 ⅜ bolts with a standard nut and washer
2. hoods must remain open for tech
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 ⅝ 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 ½ bolt and washer and must be welded to out side fender and hood only
    - Nothing can be welded, bolted or attached to sub frame,k frame, or unibody and be run through the hood.

Window bars

1. You may have one front and rear window bar
2. Front window bar may run from halo bar to first 6 inches or cowl panel or right to top of dash bar
    - If its square tube nothing bigger than 2x2 ¼ pipe
    - 3in wide ⅜ stock bar
    - Chain
    - Or 9 wire
    - One of the following not all of them
3. Rear window bar can attach to the halo bar and first 6 inches to the trunk lid closest to the window seam. bar may not go any further then the 6 inch attachment point
    - If its square tube nothing bigger than 2x2 ¼ pipe
    - 3in wide ⅜ stock bar
    - Chain
    - Or 9 wire
    - One of the following not all of them
    - Rear window bar must be 6 inches away from gas tank protector (fresh or pre ran)
    - No bars may attach rear window bar to gas tank protector
    - 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 6x6 material or be within the same dimensions equaling 6x6 size.
    - No down bars/ legs
2. Cage can not be in the doors
    - Must only be in the drivers compartment and can not run into fender/ wheel wells.
3. All cage material must be 5 inches off floor and rear wheel wells/strut towers
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
5. Hallo 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

Gas tank protector

1. You will be allowed a 32in wide tank protector
    - Can be no farther back than the speaker deck on sedans and no farther back than the rear interior door seam on wagons
    - It can not attach to any sheet metal
    - You are allowed to build an upper halo around your gas tank protector must be 10 inches away from roof on
    - You may have bars running from tank protector to vertical up rights on roof halo bar and must remain 3inch off indoor metal.
    - **If your tank is under your car you may have a tank protector but no upper halo allowed on GTP**
    - **No bars may attach gas tank protector to rear window bar**

suspension

1. Front and rear suspension Must remain stock unless otherwise stated.
2. Aftermarket parts your allowed
    - Spring spacers or the strut risers Must be bolt on part and remain on top side of strut this goes for front and rear
    - Struts but must be factory appearing.
    - Struts must have some type of spring bounce
    - Camry may have spindle protectors (jeffy fab farm or equivalent)
    - Front spindles on other makes and models may have a 2in wide by 1/4 flat bar material may be ran from upper ball joint to lower ball joint.
3. All control arms must be stock and no modifications allowed and must be in factory location of the car you are running
4. Any aftermarket trailing arms will be removed and replaced with factory ones failure to do so may result in an automatic load
5. If you have a broken trailing arm please inquire about repair methods
    - Must provide pictures of any repair bigger than 1 5 inch repair
    - Repair tube must be hollow with 2 ½ holes at end of each end of repair

Steering

1. aftermarket or modified tie rods are allowed
2. Steering column may be changed to an aftermarket
3. Factory car rack and pinions only must be for that make and model running (no hydro)

Tires

1. Any tire and wheel combo permitted
    - No atv tires
2. Must have started as a factory rim
3. May run bead locks, lip proctors, full centers,valve stem protectors

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 pulley protectors No carburetor or header protectors
4. Trans must be factory to car and mounted in factory location
5. No transmission mount modifications must be oem no aftermarket
6. Trans coolers are permitted but must be mounted in drivers compartment and must use appropriate lines (hydraulic hoses are highly recommended)
7. You may run aftermarket shifter
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. If tank is in front of rear axle it may be left there but must have a skid plate

Aftermarket parts permitted

1. Headers
2. Shifters
3. Pedal combos
4. Steering columns
5. Factory appearing struts with spring bounce.

Additional Team Rules and Info

1. All cars must be fresh no pre rans
2. All cars may only be 60 percent black the remaining 40 percent must be a contrasting color
    - Black is black you can not use flat black and then use semi gloss
3. You will get 2 6x6x1/8 plates after your first run; this will be allowed for any extra frame repairs; these will be all you get.
    - Plates must be purchased from chaos in the valley promotions llc
    - may be manipulated any way you see fit but must remain one single plate and follow all above plate rules
    - If plate is cut in half you are not allowed to use other half
4. Unlimited 9 wire allowed after each team heat
5. Any extra frame welds needed to replace bumper/sheet metal repair etc will need to be pre approved sheet metal repair must be done with same thickness only and limited to doors/ roof only
6. All teams must be registered by 9am
7. Single elimination rounds
8. Reinspection before each round

Team info needed

1. **Team name (no profanity)**
2. **Drivers names and info car number etc**
3. **Team colors must be painted**
4. **Theme song**