

Spring X 4v4 Compacts 2027

ALL RULE QUESTIONS MUST BE DIRECTED TO BRANDIN ONLY 608-434-4317. Please do not call after 8:00 PM. All Drivers must sign in at check-in trailer before going to inspection line. Drivers will be held responsible for all crew members' actions during the event. This can result in disqualification of the entire team.

GENERAL INSPECTION AUTHORITY/FINAL RULE

Any vehicle considered unsafe, outside the intent of these rules, or modified beyond what is specifically allowed will be required to make changes before competing. The Tech Inspector's interpretation of these rules is final. Any modification, repair, reinforcement, relocation, attachment, or alteration not specifically allowed is **illegal**. Do not assume. **There are NO gray areas and NO exceptions.** Do not argue that the rules do not prohibit it. **If it is not written as legal, it is illegal.** All frames will be scoped. Rust repair please call.

ELIGIBLE VEHICLES

Front wheel drive passenger cars only. No AWD or 4WD vehicles. 111" wheelbase MAX. No V8s. Fresh cars only. No full frame cars. (4 CARS PER TEAM). Sedagons are NOT allowed until after the heat race. Driver and car qualify together. No swapping of drivers or cars after running.

GENERAL VEHICLE PREP

1. NO SPRAY FOAM BEFORE INSPECTION
2. Remove all glass, plastic, interior, and combustible materials for safety.
3. You may remove metal where necessary for safety.
4. You may NOT add metal unless these rules specifically allow it.
5. Unless specifically allowed in these rules, **no welding, plating, doubling, sleeving, boxing, gusseting, reinforcing, filling, or strengthening of any component is allowed.**
6. NO Painting of frame or subframe is allowed
7. All vehicles MUST have a seatbelt and working brakes
8. All vehicles MUST have a roof sign with a clear number. NO EXCEPTION
9. No swapping of frames or body panels after the run.
10. Battery boxes, coolers and pedals must be bolted in. No extra metal added or plates to the floor. Cannot be used to strengthen car!

ENGINE & DRIVETRAIN

1. **NO** distributor protectors, or cradles allowed.
2. May run aftermarket motor and trans mount but have to be stock appearing. Upper motor mounts may use 2"x2" tubing with 4"x4x1/4" plate max to mount to core support. This is to be bolted in only. **NO WELDING.**
3. Carb and header protectors are allowed but must be a minimum of 2" from firewall and can't be used to reinforce anything.
4. Aftermarket pedals and shifters are allowed but may **not** reinforce the car in any way or be attached to the cage.

FUEL SYSTEM & BATTERY

1. Battery must be securely mounted inside the vehicle. Two batteries are allowed.
2. Factory fuel tank must be removed. A securely mounted aftermarket fuel cell is required.

GAS TANK AND FUEL PUMP

1. All fuel cells **MUST** be steel or aluminum or marine tank and have a secure cap. All lines and fittings must be run inside the vehicle, leak proof, and meet approval of the track officials.
2. Electric fuel pumps are allowed Must be covered with nonflammable material.
3. **PROTECTORS / HALOS CAN NOT BE MOVED / ADDED ONTO OR BE RELOCATED AFTER THE HEAT!!!**
4. Tank protector halo must be vertically straight (up and down). Meaning a 90-degree angle.

TIRES & WHEELS

1. Any Tires and wheel combo but must have a tire- cannot run just a rim. **NO** split rims or studded tires.

HOOD & TRUNK

1. HOOD- Must be open at inspection

2. Hood must have a fire/access hole.

3. (12) $\frac{3}{8}$ " bolts TOTAL may be used to hold sheet metal together around cut outs in hood.

4. Hoods may be secured in (6) locations. (2) pieces of threaded rod in the core support, using 5"x5" washer to hold the hood down and (4) locations of #9 wire to hold down your hood **OR** (4) locations of 2"x2" angle 3" long welded along top of the hood and fender with (1) - $\frac{1}{2}$ inch bolt per location.

TRUNK

1. Trunks may be secured in (8) locations. Only (2) can be vertical 1" threaded rod, 1 per side, going through frame, with (3) nuts and 5"x5" plate for trunk hold down, AND (6) locations of #9 wire OR (6) 3"x6" welded plates. If not using threaded rod, may use (8) locations of #9 wire OR (8) 3"x6" welded plates.

2. You may weld washers 2 $\frac{1}{2}$ O.D. max to the sheet metal only for your #9 wire but cannot cross the seem.

3. May tuck or push down truck lid. Trunk lid must remain 6" off the highest points inside the trunk. Even if the speaker deck is removed the trunk lid must be 6" off the highest points.

4. Speaker deck can be pushed down but remain 6" off highest area.

5. Rear frame can be notched and slightly bent. Don't go overboard or you will push this down.

CAGE

1. A four-point cage is required welded to sheet metal only and consist of a dash bar, 2 side bars and rear seat bar.

2. Door bars may not exceed 60" in length.

3. You may not have a bar inside of the doors and inside of the car. One or the other.

4. Dash bar must be a minimum 4" from the firewall /cowl. Must remain 4" off the floor and 4" away from the wheel tubs. No kickers off dash bar to firewall/cowl.

5. You may stack door bars but must remain 4" off the floor and 4" away from the wheel tub.

6. Halo bar **MUST** be bolted with (2) 3"x3" angle 3" long to the roof. Roof sign/mount cannot be welded to the halo if it's touching the roof or be used as a kicker. If mounted to roof, must be 1" gap between halo and rear window bar.

7. (4) down legs 2"x4" tube max. are allowed (2) per side. All down legs must be vertical and not kicked. Down legs can be welded from the side bar down to the floor, **NOT SEAT AREA** with a single pass weld only OR bolted down with a 4"x4" plate to the floor with (4) $\frac{1}{2}$ inch bolts. One plate per down leg and cannot attach to anything else. DOWN LEG CAN NOT PROTRUDE THROUGH THE FLOOR!!! No added metal. Front of down legs must be 6" away from firewall and wheel wells. Roll over bar counts as 2 down legs if run to the floor.

8. All down legs must be at, or behind the dash bar straight up and down

9. Gas tank protectors 24" x 24" max. Must attach directly to rear seat bar, be no further than 24" off the seat bar. Must be centered between wheel wells. No higher than 4" above the tank. 4" off the floor if mounted to the cage. Must have a 4" gap between gas tank protector and all sheet metal/package tray.

10. All down bars / dash bars / rear bars and halo must be within the 60" door bars. Not in front or behind door bars.

BUMPERS

1. Front and Rear Bumpers may be loaded. May use an aftermarket or homemade bumper. **NO** spears! Pointies can be a max. of 8" from the front side of the bumper and need to have a min. of 32" wide taper. Bumpers cannot exceed 8" tall or thick. **Bumpers must not exceed the width of fenders.**

2. Front and Rear Bumpers May use up to 3"x4" max tube 8" long inside frame rail. These are to aid in mounting the bumper and must be attached to bumper. Can't be used for anything else.

3. Front and Rear Bumpers can be no higher than 22" from the ground to the bottom of the bumper **OR** lower than 14" from the ground to the bottom of the bumper **OR** frame whichever is lowest.

4. Front Bumper-You are allowed to use (1) 4"x12"x1/4" flat bumper strap per frame rail for front bumper only. These must be attached to the bumper and be welded straight back down the side of the frame rail only (not on

top). This cannot be used as a kicker or brace and cannot be attached to the lower sub. Don't abuse this or you will cut.

5. Front Bumper- You are allowed (2) locations of #9 wire from front bumper to core support.

6. Rear Bumper- Must be mounted in stock locations. May be #9 wired through floor and trunk in (2) locations. May **NOT** go to roof. No wedge bumpers allowed.

FRAME & SUSPENSION

1. You may have (2) 6"x6"x1/8" fix it plates, (1) per side. your choice of placement but can't touch or overlap. Cannot be attached or touch the bumper strap including the welds. Cannot connect frame to subframe.

2. Patch Plates: **AFTER HEATS (4) - 6"x6"x1/8"** your choice of placement but can't touch or overlap. Cannot be attached or touch the bumper strap including the welds. If weld is found excessive you will remove the weld and frame behind it. Cannot use as a kicker to a drive line component. Cannot be cut off and replaced. Cannot cut patches and spread them open. Plates/Welds cannot be touching. **** Unlimited #9 wire allowed AFTER all heats**.** No washers for securing 9 wire allowed.

3. All steering / front and rear suspension components must remain OEM style stock unless otherwise noted. No drilling, no welding or fabrication is allowed other than where its noted. Direct bolt on only!!!

4. Rear trailing arms may be changed to 2"x2" max tubing. Must be bolted only. Lateral arms must remain stock, but you may weld (1) 4"x6"x1/8" plate per side to secure together.

5. Front and rear aftermarket struts are okay.

6. Rear struts may be secured to body by (2) 3"x3" x1/4" plates **OR** (2) 3" long pieces of angle iron. Must have 2" min. gap between strut and body.

7. No aftermarket tie rod ends or heim joints. They must be OEM. Aftermarket tie rods allowed.

8. No Aftermarket steering components. No Welding, modifying or fabrication at all on suspension and steering other than where its noted.

9. Aftermarket steering columns are ok. No Hydro

10. All factory frame/body holes must be left open unless covered by frame plate.

11. Subframe must remain stock. NO seam welding, plating etc. (other than the 2 above fix it plates) Subframe to frame cannot be welded. If using a body spacer, may weld top or bottom, NOT both. Mabe no longer than 5" in length.

12. You are allowed (1) extra body bolt, per side, from frame to subframe, A-arm forward. May use 3/4" max all thread only. May be welded to sub and frame with 3" max, continuous weld. The rod must be no longer than 3" from the bottom of the frame, up and must remain vertical. This is not a hood hold down! If you go overboard it will be cut.

13. Front Subframe-Rear mounts may be bolted direct, in stock location, with 3/4" bolts or threaded rod.

14. Any reinforcement, welding or loading of the frame found will result in disqualification. NO fixing allowed... YOU WILL BE LOADED!

RADIATOR AND CORE SUPPORT

1. Radiator must be in stock position.

2. Any passenger car style radiator can be used. Aluminum Radiators are allowed.

3. DO NOT MOVE CORE SUPPORT OR FACTORY MOUNT location.

4. Factory condenser or 1/8" expanded metal / rad guard only. May be bolted in with (4) - 3/8 bolts and cannot be used for reinforcement at all.

5. May run 1" max threaded rod through front sub mount / frame hole with a max of 4 nuts per threaded rod. NO welding.

BODY

1. Any metal can be removed but no metal can be added.

2. **No** body seams may be welded.

3. **No** doubling of body panels allowed.

4. Doors may be wired shut sheet metal to sheet metal only in (8) locations per door with a max of 2 loops wire per location OR you may weld doors shut 3" on 3" off. Door strapping can be no bigger than 3" wide and 1/8 inch thick.

OUTSIDE OF CAR ONLY

5. Driver's door ONLY may be welded solid and be skinned for drivers' safety. Skin cannot go any further than 3" past the door seam.

6. **Rear fenders only** may be body creased up to the rear door seam but cannot be folded to create a seam. Panels must be vertical, not laid over or folded in. Must remain in stock position. (5) 3/4" bolts can be used per side in rear fender.

7. Front fenders must stay factory shape. No creasing/shaping. (3) 3/8" bolts can be used per side to bolt outer to inner fenders.

8. May have 2 spots of #9 wire from floor to roof in rear seat area. (1) location per side of car. 3 loops total meaning it will be 6 wires when twisted. May weld 2 1/2" OD washers to the roof. (4) total washers and washers can't be used to reinforce the car. Unlimited #9 wire AFTER the heat.

9. Must have (2) 3"x 1/4" max windshield straps, **OR** 2"x2" tube/angle iron. May be bolted or welded. Max. 4" on roof and 2" cowl at base of windshield location. Cannot re-enforce the car. Sheet metal to sheet metal only.

10. May have a single straight rear window bar centered in the opening. 2"x2" tube max. Can only protrude 4" onto the roof and remain 8" away from rollover bar with 4"x4" max plates. Must be welded or bolted 50/50 to deck/trunk with 4"x4" max plates. Must have 3" gap between rear window bar and tank protector.

This is for safety only. If used for anything else it will be removed.