

2019 Youth Compact Novice (JV)

Class Car Rules

Ages 12-15

Compact cars will consist of rear wheel drive cars 106" factory wheelbase or smaller and any FWD cars EXCEPT for 1985 and older Eldorado, Tornado or Riviera's.

-No full frame cars

-No V8 cars permitted

-FWD cars must stay FWD

-RWD cars must stay RWD

-No AWD cars allowed

Preparation:

1. All glass (including windshield, front and rear windows, loose glass that is broken or that is still around the window seals, head and taillights, light bulbs, etc.) **MUST BE REMOVED** prior to bringing the car to the track.
2. All exterior (chrome, trim, emblems, plastic grills, door handles, plastic bumper covers, spoilers and anything that's plastic or metal that will break and fall off onto the track) **MUST BE REMOVED** prior to bringing the car to the track.
3. All interior (carpet, moldings, seats except driver's seat, head liners, door panels, speakers, etc. and anything flammable) **MUST BE REMOVED**
4. Dashboard is optional. If it is left in, radio, ash tray, glove box and anything that can come loose. **MUST BE REMOVED.**
5. Car **MUST BE SWEEPED** clean from **ALL** debris, tools, tires and anything that doesn't belong **MUST BE REMOVED** before being teched or you will **NOT** pass!!!
6. **ALL CARS MUST HAVE A ROOF SIGN.**
7. All cars must have working brakes. Cars that do not have brakes will **NOT** run!!
8. Both driver and passenger doors **MUST BE** painted white.
9. Air bags must be removed

Safety:

1. DOT or Snell rated helmet is **MANDATORY**.
2. Eye protection is **MANDATORY**.
3. Long sleeves, pants and gloves are **MANDATORY** for driver and passenger safety.
4. Fire extinguisher is **HIGHLY RECOMMENDED** and **MUST BE** securely mounted within the drivers and passengers reach.
5. All fuel injected cars must have FI Rated Line (must say for fuel injection use on the line) and all fittings must be double clamped. Failure to have a proper line or be double clamped you **WILL NOT** run.
6. If your helmet comes off during the derby you **WILL BE** disqualified. Make sure that they are strapped on.

Tires and Wheels:

1. Any air filled OEM- DOT passenger car tire is permitted. **AIR ONLY**.
 - a. NO bigger than 16 inch wheel
 - b. NO liquid, foam, calcium, cement, solid, etc. permitted
 - c. You may tube tires
2. NO studded tires allowed
3. Must use any OEM car wheel **ONLY**.
 - a. NO screws, bead locks, rim guards, split rims, homemade wheels, valve stem guards, etc, permitted.
4. A simple 8 inch multi pattern wheel center may be used with OEM wheel one 1/4 max center per wheel, **no gussets or anything to add strength**.
5. All wheel weights **MUST BE REMOVED**.

Interior:

1. One battery MAX
 - a. Any battery permitted
 - b. Battery must be securely mounted in a metal battery box.
 - c. Or be mounted with 2 pieces of All thread and a metal strap over the top. **ABSOLUTELY NO** ratchet straps, bungees, 9 wire, muffler strapping, etc. allowed holding down the battery. **OFFICIAL DECISIONS ARE FINAL**.
2. Battery coverings are **MANDATORY** for the driver's safety.
3. Original factory fuel tank **MUST BE REMOVED** and replaced with a metal style fuel tank.
 - a. Fuel tank must be securely bolted to the floor or the gas tank protector. No ratchet straps, bungees, chain, 9 wire, etc. allowed.
 - b. No plastic fuel tanks will be permitted.

- c. Homemade fuel tanks can consist of boat tank, army can, or a heavy constructed tank **ONLY**. All tanks **MUST BE 100% leak proof and sealed**. If they are not you will **NOT** run.
- d. Fuel tank cover is **HIGHLY RECOMMENDED** for the driver's safety.
- e. All fuel lines must be securely mounted. Anywhere that a fuel line intersects metal, it must be doubled with a protective layer preventing it from being punctured.
- f. All fuel injected cars **MUST** run fuel injected lines and must be clearly marked (for fuel injected use) and all fitting must be double clamped.
- g. Any spilled fuel **MUST BE** cleaned out and evaporated before it will pass tech. **Any car that has a fuel leak during the derby will be shut down.**

Cage:

1. It is **RECOMMENDED** but **NOT MANDATORY** for your safety that a 4 point cage to be placed in the drivers compartment. Cage bars are not to exceed 4 inch in size. 4 point cage consists of:
 - a. 1 dash bar
 - b. 1 seat bar
 - c. 2 door bars
 - d. You are allowed four 6x6x1/4 mounting plates to attach the cage to the body (A pillars and B pillars **ONLY**).
 - e. Cage must be a minimum of 5 inches away from the fire wall and floor. Door bars **CANNOT** go past the rear kick panel on any car.
2. At a minimum a rear seat bar is **MANDATORY** and if the dash is removed a dash bar is **MANDATORY**. Seat bar **MUST** attach to the B post. It **CANNOT** attach to the inner door skins!!
3. **MANDATORY**: Drivers door **MUST BE** plated or have tubing as some kind of door protection. **MUST** run 3 inches past door seams.
4. Rollover bar is **HIGHLY RECOMMENDED**. Must attach to the seat bar or door bars (**NOT BOTH**) and consist of 2 bars that run straight up and a cross bar to attach them together. (NO angled rollover bars will be allowed.)
5. Two (2) Front window bars are **MANDATORY**. Must consist of tubing, pipe, or flat bar in 2 inch max in size. No chain, 9 wire, bed frame or etc. will be permitted. (This is for driver's safety.)
 - a. Front window bars may be bolted or welded to the sheet metal. Can attach on the roof and on the cowl. Must be within 6 inches of the window opening.
6. Gas tank protector can consist of a 3 bar design. 2 bars off your seat bar and one across the rear. Gas tank protector **CANNOT** be any wider than 24 inches outside to outside. **MUST HAVE A 5 INCH GAP FROM ALL SHEET METAL (package tray, floor, rear end, etc)**. This is **NOT** to add strength to your car it is to give you a place to mount your tank securely! It can have a backing to it but no higher than the fuel tank that's mounted to it. **REMEMBER THIS IS NOT TO STRENGTHEN YOUR CAR IN ANY WAY.**
7. No down bars or kickers of any kind allowed.
8. We recommend utilizing resources to help with cage and/ or seat bar installation if you do not have them.

9. All cage and/or seat bars must be mounted or installed in a manner that does not propose an evident safety hazard for the car occupants or anyone outside of the vehicle(track crew, spectators ,Etc.)

Frame/Subframe:

1. No welding on frames or seam welding permitted.All subframes and frames **MUST** remain factory stock unless stated in the rules.
2. If a repair needs to be made it **MUST BE APPROVED** by the Compact Head Official (Jonathan Hileman).
3. All body mounts (bolts, rubbers, washers, spacers) **MUST REMAIN** factory stock and in factory location.

Body:

1. Doors can be secured shut in **THREE PLACES PER SEAM** by welding, bolting, 9 wire, 1inch banding or chaining (3/8 max). If welding you can use 3x3x1/4 max. Plates **MUST HAVE** a 2 inch gap in between plates.
2. No body creasing will be permitted.
3. No strengthening the body of the car unless stated.
4. Four ½ inch hood bolts max. **CANNOT** attach to the frame or subframe.
5. Trunk lid **MUST** remain in factory location or can be removed. Trunk lid can be shortened or tucked. Can be secured in 3 spots per seam by either 1 inch banding, 9 wire, bolting or chaining (3/8 max).. If you shorten your trunk lid or tuck your trunk lid you **CANNOT** attach it to the floor in any way. **MAY ONLY** attach to the quarters and speaker deck.
6. No rear window bars permitted.
7. Door handles **MUST BE REMOVED**.
8. 10 inch inspection hole **MUST BE** placed in the trunk lid.
9. 12 inch inspection hole **MUST BE** placed in the hood incase a fire occurs and all excess sheet metal **MUST BE REMOVED**.
10. Wheel wells may be trimmed for tire clearance. But they **CANNOT** be rolled over to create a doubling affect or be bolted back together.

Suspension:

1. Factory OEM suspension. No reinforcing or strengthening of components will be permitted. **MUST BE FACTORY** for the car that you are using.
2. You **CANNOT** add any metal to make your suspension solid!!!
3. Suspension and components to be 100% stock/OEM for make/model

Driveline:

1. Any 4 cylinder or 6 cylinder engine allowed. NO V8's.
2. No carb conversions permitted. Fuel injection cars **MUST REMAIN** fuel injection.
3. No tranny, oil or fuel coolers permitted.
4. No engine cradles allowed. Drivers safety cannot strengthen the car in anyway).
5. Motor mounts **MUST BE** factory rubber mounts only. You can use chain (one link welded or bolted to frame and one link welded or bolted to the motor) 3/8 MAX to help secure the motor in the car (one chain per side). This **CANNOT** add strength to the car in any way.
6. Headers are permitted. No header protectors allowed. Headers must point straight up in the air. Altered exhaust through hood must be mounted securely and safely

Bumpers:

1. Only stock tinned compact bumpers permitted. NO extra metal can be added. NO seam welding the bumper permitted. You are allowed to swap alum/plastic bumpers with a factory tinned compact style bumper.
2. Bumpers must be mounted the factory way. No shortening of the frame allowed.
3. You can weld or bolt the bumper on only where factory metal or bumper shock touches the bumper.
4. You can use 1 loop of chain (3/8 max) or 3 passes of 9 wire to help secure your bumper on. We recommend wiring the bumpers to the body as specified. To help maintain safety and track debris.

Repairs:

1. You're allowed four 3x3x1/4 repair plates on pre-run cars. Repair plates must be stitched welded with a 1 inch on 1 inch off stitch pattern. Must prove damage if you're using repair plates. If your car needs an extra repair plate. It must be approved by the head compact inspector.
2. Cars can be re-stubbed and clipped if need be. All repairs must be butt welded with no overlap and **DONE** in factory way.
3. All repairs must be done with OEM parts in factory manner.
4. Unlimited 9 wire is allowed for cars that ran heats and need to make repairs for feature **ONLY**. All one shot feature cars can only have 9 wire in 4 spots. 2 loops per spot max. (pre ran cars only).
5. Any questions on repairing, contact Compact Official (Jonathan Hileman).

General:

1. Officials have the right to drill, scope, etc. as they need too.
2. Officials have the right to re-inspect any car before, during and after the event.
3. Any car found to be cheated will not receive any prize money or trophies.
4. All drivers and passengers**MUST** attend the drivers meeting.
5. Drivers and adult pit representative**ONLY** allowed in the inspection area while the cars are being inspected.
6. Cars that have failed tech get 1 re-inspection. All cars that need a 2nd re-inspection must wait until all the cars go through their initial inspection before they get their 2nd re-inspection.
7. Torches should not be needed if you build accordingly ,but be prepared to have the necessary equipment if alterations are needed.

THIS IS AN ENTRY LEVEL CLASS INTENDED TO INTRODUCE SAFETY, SPORTSMANSHIP, FUN and basic stock building. If you find yourself “interpreting” or “exercising” rules, this is probably not the correct class for your youth driver

**Any questions regarding the rules...please contact the
Compact Head Inspector Jonathan Hileman (724) 812-6839.**