

2019 Pro Mod Compact Car Rules

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

-No full frame cars

-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!!

Safety:

1. DOT or Snell rated helmet is **MANDATORY.**
2. Eye protection is **MANDATORY.**
3. Long sleeves, pants and gloves are **MANDATORY** for driver safety.
4. Fire extinguisher is **HIGHLY RECOMMENDED** and **MUST BE** securely mounted within the drivers 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 wheel and tire combination permitted.
 - a. NO bigger than 16 inch wheel permitted.
2. NO studded tires allowed.
3. Multi lug center permitted.
4. All wheel weights **MUST BE REMOVED**.

Interior:

1. Maximum of 2 batteries of any kind.
 - a. Battery must be securely mounted in a metal battery box. Or be mounted with 2 pieces of All thread and a metal strap over the top.
 - b. **ABSOLUTELY NO** ratchet straps, bungees, 9 wire, muffler strapping, etc. allowed holding down the battery. **OFFICIAL DECISIONS ARE FINAL**.
2. Battery coverings are **HIGHLY RECOMMENDED** 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 fittings must be double clamped.
 - g. Any spilled fuel **MUST BE** cleaned up 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 6 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 8x8x1/4 mounting plates to attach the cage to the body (A pillars and B pillars **ONLY**).
 - e. Cage must be a minimum of 3 inches away from the fire wall at all times and a minimum of 3 inches away from the floor.
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. Rollover bar is **HIGHLY RECOMMENDED**. Must attach to the seat bar or door bars **ONLY** and consist of 2 bars that run straight up and a cross bar to attach them together. You can attach rollover bar to the roof in 3 places by welding (3 inch welds) or bolting (1/2 inch bolts).
 4. Front window bar is **MANDATORY**. Must consist of tubing, pipe, flat bar. 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 bar 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.
 5. Gas tank protectors are permitted. Max width on the gas tank protector is 30 inches (outside to outside). Gas tank protector **CANNOT** be attached to the car body in anyway. Gas tank protector backing can be **NO HIGHER** than the gas tank.
 6. You can have 2 down bars from the rear bar down and to the body/frame. **MUST** run straight down **NO** angling permitted.
 7. Rear window bar can attach to the trunk lid and speaker deck seam or to the floor. Above the rear end and can attach to the roll over bar or the roof. Max size on the rear window bar is 2 inch pipe or 2x2 square tubing.

Frame/Subframe:

1. Max 1 inch body mount bolts are permitted.
 - a. Front body mount bolts may go up through the core support.
 - b. Front all thread/bolts **CAN NOT** be sleeved.
2. No plating, pinning, heat treating or stuffing the frame/subframes.
 - a. You can weld 1 seam on the body and one seam on the subframe fire wall forward.
3. Front frames may be shortened to the front side of the core support. Core support **MUST** remain in factory location.
4. Sway bar brackets may be welded to the frame (bracket **ONLY**). **MUST** be in stock location and use the bracket that the car came with.

Body:

1. Doors can be welded all the way around on the outside **ONLY** with 1/4x3 max pieces of metal. **NO** excessive over lapping permitted.
2. Deck lids can be welded all the way around outside **ONLY** using 1/4x3 max pieces of metal. **NO** excessive over lapping permitted.
 - a. Trunks also can be 9 wired, banning or bolted shut.
3. Factory trunk lid **MUST** be used for the car you are running.

- a. Trunk lids can be dished or tucked BUT only welded to the quarters, speaker and tail light panel.
 - b. Trunk lids **MUST** have two 6x6 inspection holes.
4. Hoods may be bolted down in 6 places 5/8 diameter bolts/ all thread or smaller. Front 2 body mount bolts may be used as 2 of your six hood bolts.
 - a. A 12 inch hole **MUST** be placed in the hood incase of a fire.
5. **NO** body seam welding unless stated in the rules.
6. You may use expanded metal to cover the radiator. Max thickness is 1/8 inch.
7. Body creasing is permitted.
8. Wheel wells may be trimmed and/or bolted. Six 3/8 bolts/washers Max.
9. Door handles **MUST BE REMOVED**.

Front Suspension:

1. Front suspension may be reinforced BUT CAN NOT add strength to the body of the car.
 - a. Homemade struts and after market spindles are permitted.
 - b. Factory upper and lower A arm **MUST BE USED**.
 - c. Tie rods may be reinforced.
 - d. After market or homemade ball joints are permitted.
2. Suspension can be locked in place.
 - a. Upper A arms can be welded down with two 2x2x1/4 pieces of metal. 1 on the front side and one on the rear side of the A arm.
 - b. Lower A arms **CAN NOT** be welded.

Rear Suspension:

1. Rear ends can be braced with 2x2 tubing.
 - a. Rear trailing arms 2x2x1/4 max tubing.
 - b. Braced rear ends **CAN NOT** strengthen the body of the car in anyway.
 - c. No leaf spring conversions **ALLOWED**.
 - d. Leaf spring cars **NO MORE** than 5 leaf springs per side and **MUST HAVE** a 2 inch stagger. **MUST BE** mounted in factory location using factory hangers.

Driveline:

1. Any drive line permitted.
 - a. Engine cradles are permitted. **CAN ONLY** bolt to the motor and **MUST HAVE** at least a 2 inch gap between the cradle and firewall and a 2 inch gap from the cradle to the frame rails.
 - b. One motor chain per side can **ONLY** weld 2 links of 3/8 chain to the frame.
2. Skid plates are permitted. Can **ONLY** attach to the oil pan or transmission pan. **CAN NOT** attach to the frame at any point.
3. RWD cars can use a transmission brace. If using a transmission brace you **MUST USE** factory rubber mounts and it **MUST** be mounted in the factory way.

Bumpers:

1. Any OEM bumper may be used. OEM bumpers CAN BE loaded.
2. Homemade bumpers are permitted. Homemade bumpers that are built **CAN NOT** be bigger than 8 inches (this is measured from the back of the bumper to the point) and **MUST BE** spread over a 32 inch span.
3. Bumper mounting you can use 8x8x1/2 inch plate to give you a flat surface to mount your bumper to. One plate per side.
4. Bumper height may be **NO** lower than 14 inches and **NO** higher than 22 inches. This is measured from the bottom of the bumper to the ground.
5. A. You are permitted to use a 15 inch plate (measured from the back side of your bumper) to weld to your frame as a bumper shock/bracket. One 3x15x1/4 per frame rail.
 - a. Plates **CAN NOT** be any bigger than 3 inches by 15 inches by ¼ inch thick.
 - b. Plates **MUST BE** welded to the outside of the frame **ONLY** and must have a 1 inch inspection hole 10 inches back from the back of the bumper for inspection use.

OR (NOT BOTH)

- B. You are permitted to have kickers from the back side of the bumper to the front side of the strut towers.
 - a. One kicker per side.
 - b. Kicker can be No bigger than 2x2x1/4.
 - c. You can have a 3x3x1/4 mounting pad to mount the kicker to the strut tower.
 - d. No extra metal added to the strut tower unless stated.
6. Rear bumper mounting:
 - a. You can use a 4x4x1/4 plate to give you a flat surface to mount your bumper to.
 - b. You are permitted to use a 3x6x1/4 plate as a bumper shock/bracket to help hold your bumper on measured from back of the bumper.

Repairs:

1. You are permitted six 3x3x1/4 repair plates. Repair plates can be welded solid.
 - a. Repair plates **MUST HAVE** a 1 inch hole in them and **MUST HAVE** damage to use the repair plate.
 - b. Replaced/Repaired parts **MUST BE** done with factory OEM parts and **MUST BE** butt welded with no added metal.
 - c. 9 wire is permitted in 4 places. 3 loops per spot on pre runs. Your choice where you want to use it.

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 **MUST** attend the drivers meeting.
5. Drivers **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. Bring torches!!!

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