



EMRP Sport Compact Rules – 2024

Updated February 5, 2024

The rules herein shall refer to Evans Mills Raceway Park as “EMRP.” These rules are intended to create affordable and fair competition. While they offer a good outline, every item cannot be covered by a written rule. Any questions regarding any item not specifically covered in these rules should be addressed with EMRP officials prior to proceeding. No vehicle, component, or equipment will be considered as having been approved by reason of having previously passed through inspection unobserved or undetected. All equipment is subject to inspection and approval by EMRP officials. You may be assessed penalties including, but not limited to added weight, fines, loss of points, loss of handicapping, and suspension, car parts, components, and/or equipment deemed as not in compliance with these rules. Any car part, component, and/or equipment which does not conform to the specifications or tolerances contained in the 2024 rules book or is not otherwise approved by EMRP may not be used in competition in 2024 and is subject to confiscation at the discretion of EMRP officials.

By competing at EMRP, you agree to have read and agree to adhere by the 2024 EMRP Sport Compact rules book and 2024 EMRP General Rules book.

Items that may have received amendments for 2024 or are important sections to note are highlighted in yellow.

Table of Contents

ITEM #	ITEM	PAGE
1	Eligible Vehicles	3
2	Body	3
3	Interior	3
4	Spoilers, Vents, Vanes, and Dams	3
5	Windshield and Rear Window Glass	3
6	Bumpers	3
7	Chassis	4
8	Roll Cage	4
9	Ground Clearance	4
10	Engines	4
11	Exhaust	4
12	Carburetor	4
13	Cooling Systems	5
14	Batteries	5
15	Powertrain	5
16	Shocks	5
17	Suspension	5
18	Steering	5
19	Fire Extinguisher	5
20	Drivers Seat	5
21	Driver's Restraint/Padding	6
22	Window Safety Net	6
23	Weight	6
24	Fuel System	6
25	Tires	6
26	Wheels	7
27	Driver Attire	7
28	Radio	7
29	Transponders/Scoring Device	7
30	Division Distinction	7
31	Protest Procedure	7

1. Eligible Vehicles

- 1a.** Any four cylinder naturally aspirated engine.
- 1b.** Two-wheel drive coupes, sedans, and light trucks.

2. Body

- 2a.** All bodies must be stock steel, aluminum, or plastic.
- 2b.** Aftermarket bodies are allowed provided they appear stock and match the factory wheelbase and frame being used. Anything other than stock appearing must be approved by EMRP prior to competing.
- 2c.** Hood and trunk latches must be removed and fitted with four (4) pins – one (1) in each corner of the hood and trunk for easier removal.
- 2d.** All doors must be welded closed.
- 2e.** Fenders can be trimmed for tire clearance only (with tech official' prior approval).
- 2f.** Roofs must be stock steel.
- 2g.** Hoods and trunks must be of stock steel, aluminum, or plastic.
- 2h.** Trunk lids must remain intact and secure.

3. Interior

- 3a.** Complete floor pan is mandatory, free from holes and tears.
- 3b.** Driver's compartment cockpitting is allowed.
- 3c.** Front and rear firewalls must be a minimum 20-gauge steel and free from holes and tears.
- 3d.** No self-tapping screws of any kind will be allowed on or in the vehicle.

4. Spoilers, Vents, Vanes, and Dams

- 4a.** Aluminum or plastic material only
- 4b.** Rear spoiler maximum height is six inches (6") and no wider than the width of the rear of the vehicle being used.
- 4c.** Front air dam minimum of two inches (2") ground clearance with driver after the feature.
- 4d.** No roof spoilers of any kind allowed.

5. Windshield and Rear Window Glass

- 5a.** Windshield must be OEM glass, Lexan, or Wire mesh only.
- 5b.** Windshields must be free from all cracks.
- 5c.** 1/8" Lean material or wire mesh only providing it is reinforced with two (2) one-inch (1") x ¼" thick steel flat bars running from the center of the roof down to the firewall.
- 5d.** Side windows must be open. No glass or Lexan allowed.
- 5e.** Lexan rear window only allowed.

6. Bumpers

- 6a.** All cars must have stock appearing bumpers.
- 6b.** Plastic nosecone is allowed over the front and rear bumpers.
- 6c.** Safety chains are mandatory in the front and rear for towing purposes.
- 6d.** Side rails made of 1"x2" box tubing and .095 minimum thickness, must be capped at both ends and mounted tight to the body.

7. Chassis

- 7a.** Frame must be straight and in sound condition.
- 7b.** No cutting, chopping, or lowering of frame allowed.
- 7c.** Sub frame connections are allowed.
- 7d.** Lower A-arms must be in stock location.
- 7e.** Front and rear strut supporters are mandatory.
- 7f.** No altering of strut mounts (unless prior approval is received from EMRP tech officials).
- 7g.** No mirrors allowed.

8. Roll Cage

- 8a.** 6-point roll cage mandatory made from 1 – ½” x .095 wall tubing minimum. Roll cages are subject to EMRP tech official approval.
- 8b.** Driver side door bars must be completely covered by 1/8” steel plate welded from top to bottom of door bars.
- 8c.** Driver side must have at least three (3) horizontal bars made of 1 – ½” x .095 minimum wall tubing welded from the front of the cage to the back of the cage with at least four (4) pipes of the same size welded between them.
- 8d.** Roll cages must be free from holes, tears, and all bubble gum welds. THIS WILL BE STRICTLY ENFORCED.
- 8e.** No kink tubing or torch bending allowed – MUST be mandrel bent.

9. Ground Clearance

- 9a.** Frame rails must have a minimum of four inches (4”) clearance with the driver after the completion of the feature.
- 9b.** Front air dam must have a minimum of two inches (2”) clearance with the driver after the completion of the feature.

10. Engines

- 10a.** Engines must be from the make and model of the vehicle being used.
- 10b.** Any engine modifications allowed (providing EMRP tech official’s approval).
- 10c.** Porting on naturally aspirated engines is allowed.

11. Exhaust

- 11a.** Any header is allowed.
- 11b.** Exhaust must be no larger than 2 – ½” and exit to the rear of the car.
- 11c.** Any performance type muffler is allowed.

12. Carburetor

- 12a.** Any carburetor is allowed.

13. Cooling System

- 13a.** Any electric or mechanical fan is allowed.
- 13b.** Aftermarket aluminum radiators are allowed.
- 13c.** An overflow tank is mandatory.
- 13d.** Coolant additives must be approved by EMRP tech officials.

14. Batteries

- 14a.** One (1) 12-volt battery must be fastened in one of three locations: engine compartment, trunk, or driver's compartments. Batteries must be inside a marine box and securely mounted to the chassis. If the battery is in the driver's compartment it must be completely covered. Only 12-volt batteries are permitted.
- 14b.** Main battery disconnects must be clearly labelled or marked and within the driver's reach.

15. Powertrain

- 15a.** Transmissions must be from the make and model of the vehicle being used.
- 15b.** Gearing may be changed.
- 15c.** Any flywheel or clutch is allowed.

16. Shocks

- 16a.** Any type of shock is allowed.
- 16b.** There must be a minimum of one (1) shock per wheel.
- 16c.** Coil overs are allowed.
- 16d.** Any strut is allowed.

17. Suspension

- 17a.** The maximum camber allowed is seven (7) degrees.
- 17b.** Strut towers can be modified for caster or camber adjustments only.

18. Steering

- 18a.** The steering column must be in the stock location.
- 18b.** The steering shaft and wheel center must be padded.

19. Fire Extinguisher

- 19a.** A securely mounted operational 2-1/2 pound minimum fire extinguisher with gauge visible for inspection purpose is mandatory. Extinguishers must be mounted in a quick release bracket.

20. Driver Seat

- 20a.** Aluminum high back race seat is mandatory and must be fastened with four (4) 3/8" bolts in the base and two (2) 3/8" bolts in the back (must use fender washers on the bolts).
- 20b.** Padded right side head restraint is mandatory.
- 20c.** A full containment seat is recommended.

21. Driver's Restraint/Padding

21a. Fire retardant padding recommended.

21b. Five (5) point race harness with quick release is mandatory.

21c. Belts must be five (5) years old or newer and free from cuts, tears, and holes. SFI tag must be on the belts and must be legible.

21d. All roll cage bars within the driver's reach must be padded. NO EXCEPTIONS.

22. Window Safety Net

22a. All cars must have an approved window safety net with a quick release latch properly installed.

23. Weight

23a. Maximum left side percentage is 58%.

23b. Minimum weight is 2,000 pounds with fully suited driver after the feature.

23c. Ballast weight must be lead or steel plate and securely mounted. The weight must be painted white and labeled with the driver's car number.

24. Fuel System

24a. The vehicle must utilize a stock tank or fuel cell approved by EMRP tech officials. Stock tanks must remain in their stock location.

24b. Must be a minimum of eight inches (8") off the ground.

24c. There must be a mandatory fuel shutoff within the driver's reach and clearly marked. NO EXCEPTIONS.

24d. All fuel lines must be properly run and protected.

24e. The fuel cell/tank must be securely mounted in the trunk compartment with two (2) straps of 1x1/8" thick steel bolted through chassis.

25. Tires

25a. Tires must be American Racer tires purchased from the Evans Mills Raceway Park.

25b. Tire schedule:

- On a driver's first week of competition at EMRP, they may purchase up to four (4) tires from EMRP.
- After a driver's first week of competition at EMRP, a driver may only purchase another tire by earning a tire credit.
- A driver must compete (race in the feature) for two separate weeks to earn one (1) tire credit. That tire credit may be used to purchase a tire on their next race day after earning the credit.
- Example: Driver races opening night and buys four tires, races in the feature (1 race complete), Driver returns for the second week of the season and may not buy a tire yet. They race in the feature on the second week (2 races complete). They have now earned one (1) tire credit. Driver returns on the third week of the season and can now buy a tire with their tire credit. They race the third week with their new tire and that feature counts towards their next tire credit.

26. Wheels

- 26a.** Only steel wheels are permitted.
- 26b.** The maximum rim width is eight inches (8").
- 26c.** One inch (1") lug nuts are mandatory.
- 26d.** Offset is a minimum of three inches (3").

27. Driver Attire

- 27a.** A race suit is mandatory, free from holes, tears, and cuts.
- 27b.** A neck collar is mandatory. Factory manufactured head and neck restraints are recommended.
- 27c.** Race gloves are mandatory.
- 27d.** Race shoes or boots are mandatory. No sneakers are allowed.
- 27e.** A full-face helmet is mandatory (Snell SA2015 or newer – NO EXCEPTIONS). M rated helmets are not allowed.

28. Radio

- 28a.** A one-way radio is mandatory. No other form of one-way or two-way communications are allowed. The radio frequency is 454.0000.

29. Transponders/Scoring Device

- 29a.** An AMB x2 or AMB TranX x260 is mandatory. No Motocross or karting transponders are allowed.
- 29b.** The transponder must be mounted 155 inches from the furthest forward point of the front bumper. It must be mounted on the lower right-side frame rail. If a driver is unable to mount a transponder in this location, it is the driver's responsibility to notify EMRP tech officials to determine an alternative mounting location PRIOR to competing.

30. Division Distinction

- 30a.** A vinyl strip "visor" must be present on the windshield/roof to identify your vehicle as a Sport Compact competitor. The visor decals must span the width of the roof and be six inches (6") deep and bright orange. The visor can either be located at the very top of the windshield or the forward most part of the roof.



- 30b.** The visor will be used for placing the Sport Compact division sponsor decals on and must remain free of other sponsor decals.

31. Protest Procedure

- 31a.** See EMRP General Rules.