

2018 SPORT COMPACT RULES

BODY AND CHASSIS SPECS

- 1. Any stock appearing front wheel drive metal bodied compact car will be permitted for competition. No station wagons, convertibles, and / or two-seater sports compacts will be allowed.**
- 2. The body, body mounting position, and overall appearance must retain all stock OEM dimensions and original body lines and contours and must be centered over the wheels.**
- 3. The doors must be welded or securely bolted.**
- 4. Stock appearing bumpers on the front and rear, must be securely fastened by welding or bolting to the frame. The OEM bumper covers must remain on the vehicle, but may be altered to allow for front and rear tow hooks or approved chains.**
- 5. The hood and trunk lid / hatchback must be securely fastened.**
- 6. All glass, exterior lights, chrome and / or plastic trim, the airbag, hood insulation, and flammable material must be removed. The dashboard may be removed.**
- 7. The inner fenders must remain OEM and unaltered.**
- 8. All chassis and frames must remain unaltered and OEM. Any front wheel drive compact car frame will be permitted. The magnetic steel floor pan must remain unaltered and OEM with any holes covered.**
- 9. The front firewall must have all openings covered in case of fire or fluid leak in the engine compartment. The rear firewall must be covered with sheet metal or aluminum to separate the driver's compartment from the fuel cell area, but the existing firewall must remain intact. Do not gut the inner trunk, tubs must remain over rear tires.**
- 10. A maximum wheelbase of 107" will be permitted. All cars must maintain the stock wheelbase, 1" tolerance for adjustment.**
- 11. Must have the make of car on the hood or front fenders.**
- 12. Windshield is optional, if removed, you must have five protective bars on the driver's side. They must be between 4" and 5" intervals. They must be magnetic steel. Screen is recommended. A maximum 7" sun visor will be permitted. No front side door windows allowed. You may fill in rear side openings, if applicable.**
- 13. All cars must weigh 2200 pounds minimum with the driver after the race.**
- 14. The roll cage must be constructed of minimum 1.5" o.d. .095" thick magnetic steel tubing. A six-point full perimeter cage is required. The roll cage must be fastened by welding to a 1/4" magnetic steel plate on the frame. The rear hoop must have X-bracing with rear kick-up supports. A cross bar is required on the roof halo. Must have a minimum of three door bars on the driver's side and two door bars on the passenger side. A minimum 18-gauge door plate must be welded to the driver's side, it must be from top of door to frame and rear down post to 5" in front of driver's seat.**

ENGINE SPECS

15. Only 3 or 4 cylinder in-line engines will be permitted.
16. All engine components must remain unaltered and OEM for the year, make, and model of the car being used in competition. No aftermarket components, unless specified.
17. No turbo charged, super charged, rotary engines, or engines utilizing a variable cam-timing system will be allowed.
18. The engine and radiator must be mounted in the stock OEM location for the year, make, and model of the car in competition. May use stock or aftermarket radiator.
19. Solid engine mounts and / or safety chains will be required.
20. Accumulators and / or accusumps will not be permitted.
21. The exhaust manifold must remain unaltered and OEM for the year, make, and model of the car in competition. An unaltered Schoenfeld part #112530 muffler or equivalent must be used. Removal of the catalytic converter, air conditioning compressor, and smog pump will be permitted.
22. All ignition components must be unaltered and OEM for the year, make and model of the car in competition. Only 12 volt ignition systems will be permitted. Ignition boxes, performance chips, or any ignition enhancing devices will not be permitted.
23. Traction control of any type will not be permitted.
24. Only one 12 volt battery will be permitted, it must be securely fastened and covered.
25. Only stock OEM starters in the OEM location will be permitted.
26. Only one aftermarket tachometer, oil pressure, and water temperature guage will be permitted.
27. The vehicle computer (ECU) must be mounted in a visible location for inspection.
28. The transmission must remain unaltered and OEM for the year, make, and model of the car in competition. All forward and reverse gears must be operational.
29. The flywheel, flexplate, clutch, torque converter, and / or assembly must remain unaltered and OEM for the year, make, and model of the car in competition. Mini-type clutches and / or couplers, transmission coolers in the driver's compartment, torque driving final drive systems, and locked differentials will not be permitted. A minimum 1" inspection hole will be required in the bell housing.
30. The fuel system must be complete, unaltered, and OEM for the year, make, and model of the car in competition. The gas tank may be mounted ahead of the rear axle with a 1/8" shield mounted under it. If it is behind the rear axle, it must be replaced with a maximum 8 gallon fuel cell securely mounted and fastened. May use an external fuel pump with the aftermarket fuel cell. Fuel lines that pass thru the driver's compartment must be steel.
31. Cool cans will not be permitted.
32. Only standard pump gasoline will be permitted, 93 octane maximum.

SUSPENSION SPECS

33. All suspension components and mounts must remain unaltered and OEM for the year, make, and model of car in competition.
34. Weight jacks, racing components, modifications, aftermarket, or homemade traction devices will not be permitted.
35. The car must remain in alignment from front to rear and track straight. A maximum of 5 degrees of camber will be permitted on any wheel.
36. Center mounted steering will not be permitted. A quick release aftermarket steering wheel will be permitted, the steering column must remain OEM and unaltered.
37. Aftermarket remote reservoir power steering will not be permitted.
38. All shocks and struts must remain unaltered and OEM in the OEM location
39. Spring rubbers will be permitted
40. All brake components must be unaltered OEM magnetic steel and operative on all four wheels. Disc and / or drum brakes will be permitted, they must match the year, make, and model of the car in competition.
41. Only OEM master cylinders in OEM location will be permitted. Brake shut-off and brake bias adjusters will not be permitted. Only magnetic steel brake lines will be permitted.
42. Any OEM D.O.T. 13", 14", 15" OR 16" passenger car tire will be permitted. No re-caps, racing, mud, or snow tires will be permitted. No alterations such as softening, chemical altering, conditioning, siping, or grooving will be permitted.
43. All wheels must be OEM steel or aluminum with a maximum width of 7" and a standard bead. 1" steel lug nuts are required on steel wheels. Wheel reinforcement is strongly recommended. Wheel spacers and bleeder valves will not be permitted.
44. All 4 tires and wheels must be the same series, size and offset. All tires must remain inside the body.
45. If it is not mentioned in the rules, it must be factory stock.
46. Cars will be inspected for tech and safety items prior to competition. Tech official has the final approval.
47. May use an in-car camera, but no other data transmitting device will be permitted.
48. Must use a raceceiver and a scoring transponder.
49. An engine shut-off switch is required, it must be labeled and with-in reach of the driver and safety official.
50. No mirrors or radios will be permitted.
51. Refer to general rules for procedure and all safety items