

I-35 Speedway 2023 Sport Compact Rules

Front Wheel Drive Only (updated 4-3-23)

Our intent is not to legislate out a competitor but instead to find a way to make cars competitive, so everyone may come and have fun. We welcome those occasional drivers who are not competing for points but instead want to try out another racetrack. Speedway officials will have the final word on all matters of the rules. I-35 Speedway reserves the right to change any rule at any time for the betterment or safety of the sport.

1. BODIES:

- Must remove all glass. Must remove all flammable material except dash (may run sheet metal dash).
- Windshield must have a minimum of 3 windshield bars in front of driver. Screen is also recommended. Remove all exterior trim, molding, headlights, taillights, lens covers, etc. Trunk lid and front hood latches must be removed and replaced with hood pins only.
- A 6-point roll cage is mandatory. Cage can be welded to 2"x2" square tubing that is welded/bolted to the rocker panels and the floor (this is only a recommendation). Another possibility would be to weld cage to plates bolted on the floorboard of car. Roll cage tubing must be minimum of 1 1/2" by .095, highly recommended 1 3/4" by .095. A minimum of three door bars is required on driver's side. Mounting roll cage to a 4"x4"x11 gauge welded/bolted to the floorboard also acceptable. **Steel door plates of 18 gauge or forty-nine one thousandths (0.049) inch minimum thickness must be securely welded to outside of door bars on driver side. Plate must cover area from top door bar to frame and from rear down post to five (5) inches in front of seat.**
- Stock or Aluminum bodies are allowed. NO tempered aluminum. You must use an aftermarket nose piece of some type. NO homemade or wedge noses allowed. Body must remain five (5) inches from the ground, this includes skirts also. Body top tin CANNOT have more than two (2) inches of rake/slope on rear tin or trunk area of the body. Rear of car cannot be open must have rear body.
- Any American or Foreign 4-cylinder **front wheel drive** passenger car, only. **No truck bodies.** No four-wheel drive, all-wheel drive, or four-wheel steer cars. No Turbochargers or Superchargers.
- 5/16 tow chain is mandatory on front and back of car.
- No multi tubed front push type bumpers. Cars with aftermarket noses must use nothing larger than a two (2) inch single tube type bumper. Supports can be used on the top and bottom of aftermarket noses. Any bumper determined to be a battering ram will not be allowed.
- Stock front bumper. Stock bumper can be reinforced with one 1 3/4" tube inside of stock bumper.
- Keep sharp edges to a minimum especially at cars corners.
- Officials reserve the right, in the public image of the sport, to assign, approve or disapprove any advertising, sponsorship or similar agreement in connection with any event. All cars must be neat appearing and are subject to approval of officials to compete. By competing in an event, all drivers agree to comply with the decisions of officials.
- Sub frames must be stock and unaltered. Wheelbase must be a maximum of one hundred seven (107) inches with a difference from side to side of one (1) inch. Titanium products, parts and/or components are not allowed anywhere on the racecar.

2. Engines:

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- 3 or 4 cylinder in-line engines only. Recommended: double overhead cam. All engine components must be OEM for year, make and model of car used. Must use OEM crank, rods, valve sizes, stroke, etc. No aftermarket racing heads. No high performance or sport car engines of any kind. No turbo charged, super charged, rotary engines, or engines utilizing variable cam-timing. **Variable cam timing engines are permitted if wiring harness to timing solenoids are removed to disable variable cam timing.**
- NO aftermarket performance parts. **OEM or OEM replacement only.** This means keep it stock.

3. FUEL SYSTEM:

- Must have complete, unaltered, OEM fuel system for year, make and model of car used. Gasoline only, maximum 93 octane. No E85. No performance additives.
- Gas tank ahead of rear axle allowed but must install shield under it. Gas tank behind rear axle must be replaced with maximum eight-gallon fuel cell and relocated to trunk area. Must mount with minimum one-inch square tubing or two solid steel straps around entire cell, two inches wide and 0.125 inch thick. Metal firewall or cell cover must be between driver and cell. Fuel cell vent, including cap vent, must have check valve. If fuel cell does not have aircraft style positive seal filler neck/cap system - a flapper, spring or ball type filler rollover valve is required. External electric fuel pump wired to the ignition switch allowed with aftermarket fuel cell.
- No cool cans. Fuel lines through driver compartment must be encased in steel tubing.
- Aftermarket fresh air pipe and air filter allowed, but no ram air.

4. BRAKES: Must be steel, unaltered, OEM operative, four-wheel disc or drum brakes, and match year, make and model of car used. OEM master cylinder only, in OEM location. No brake shut off or bias adjuster. Steel brake lines only.

5. EXHAUST: Headers allowed. Exhaust must turn toward ground. No exhaust in driver compartment.

6. WEIGHT: No ballast (extra weight) of any kind allowed. Any item deemed as ballast will be required to be removed.

7. BATTERY/STARTER: One 12-volt battery only. Must be securely mounted with positive terminal covered. Battery must be in Marine type case if mounted in driver compartment. OEM starter only, must be in OEM location. Car must leave initial staging area on demand, unaided, or go to rear of that race.

8. SPRINGS/SHOCKS/STRUTS: All shocks and struts must remain OEM, in OEM location. OEM springs may be modified. Spring rubbers allowed. **Racing springs and bump stops are not allowed.**

9. SUSPENSION AND STEERING: All components and mounts must be unaltered, OEM and match year, make/model of car used. Exception is: Recommended right rear safety hub (for example 1987-1995 Caravan hub assembly). Brace bar allowed between strut towers in front and rear. No other bracing allowed on front end. Rear wheels must track straight ahead and be in alignment with front wheels. No more than 2 degrees camber on any wheel. Locked differentials, okay.

10. TIRES AND WHEELS: 8-inch tire, and unaltered O.E.M. steel, unaltered O.E.M. aluminum or aftermarket steel wheels with standard bead bump and maximum eight-inch width, and four (4), five (5),

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or five and one-half inch offset, only. No mud or snow tires. No re-caps, softening, or conditioning (includes siping, sanding, or grooving) allowed. No wheel spacers or bleeder valves. *Steel lug nuts, only, one-inch steel lug nuts required on steel wheels.* Bead locks allowed.

11. SAFETY:

- All cars must have a master on/off switch located within easy reach of the driver and clearly marked "ON/OFF" switch must disconnect the battery and "fuel pump".
- All cars must have an operable racing window net.
- Required: 2015 or 2020 Snell approved racing helmet, fire retardant racing suit, gloves, and shoes.
- 5, 6, or 7-point seat belts required. Must be the same specification as general rules except belts can be a maximum of three (3) years old. Belts must mount to roll cage.
- Aluminum high-back racing seat is required and must be securely mounted to roll cage using three hundred seventy-five one thousandths (0.375) inch bolts with washers.
- Cars must be painted and lettered neatly. A minimum of 18" numbers on both doors. Roof numbers must be facing fan side while on the front stretch.
- Car number and driver need to register at I-35 Speedway.

12. Junior Sport Compact Rules: To compete in this division the car must meet the rules above. Minimum age is 12 years old to compete and maximum age is 17, with the following exception a first-time driver with no racing experience. Must have a completed Minor's release for all competitors 17 and younger and must include a copy of the birth certificate with either a valid state stamp or authentic seal. Additionally, ALL competitors in the junior class must provide a driver resume or profile containing all racing experience of the young driver and their parents, and it must be in pdf or word format (in other words cannot be handwritten). For Minor's the resume is required to be attached to the Minor Release. Finally, the Minor's Release will require both parents notarized signature on the parental consent. All of this must be completed before the minor driver can take the track! At track discretion dominant drivers will be moved to the senior Sport Compacts.

It will be the responsibility of the driver to know what can and cannot be done. It is not the responsibility of I-35 Speedway tech officials to assure that any car is legal. It is the driver's responsibility. If you are not sure of any rule, ask before you win a race. In these rules if it does not say that you can do it, then you cannot. IMPORTANT NOTE: COMPETITIVE RACING CAN RESULT IN INJURY AND/OR DEATH TO THE PARTICIPANT. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM PUBLICATION OF OR COMPLIANCE WITH THESE RULES AND/OR REGULATIONS. The rules and regulations are intended as guides for the conduct of the sport. They are in no way a guarantee against injury or death to a participant, spectator, officials, or other.