

2024 Sixer Specifications



1. Any 6 cylinder stock OEM car, truck or van. **Minimum wheelbase of 103"**.
2. No four wheel drive (activated) vehicles allowed.
3. Models **2010** and older, V-6 powered, General Motors, Ford Motor Company or Mopar production front wheel drive passenger cars with a factory minimum wheelbase of 103". Convertibles not allowed. (Some examples would be: GM: Century, LeSabre, Cutlass, Grand Am, Grand Prix, Ford: Taurus, Sable, etc. Mopar: Intrepid, Concord) Foreign models are NOT allowed. No modifications or alterations except as specifically allowed in these rules

INTERIOR

1. Dash, steering and pedals must remain stock. (Dash may be altered to accommodate any roll cage)
2. Racing seat belts mandatory, dated within 5 years of event
3. Folding seatback fastened in position.
4. Racing seats allowed and highly recommended.
5. Interior floor pan must be complete. No holes.
6. All airbags must be removed.

BODY

1. Sunroof openings must be closed with steel.
2. Remove all glass except windshield. Broken glass must be cleaned from inside car before arriving at speedway.
3. Driver's door must be chained or welded shut. Driver's door plate recommended.
4. Passenger door chained only.
5. Bumpers must be chained to frame.
6. Hood and trunk may be secured with hood pins.
7. No gutting of steel body panels.
8. Working third brake light optional.
9. Stock ride height must be maintained.

ENGINE COMPARTMENT

1. The engine must be original or an exact replacement as offered in make and model of your car. The engine must remain completely stock. No turbo-chargers or super-chargers. The alternator, starter, ignition system, and engine management controls must remain unmodified and completely STOCK OEM. Computer must be the STOCK OEM for your engine according to your VIN Code (No reprogramming of the computer) the only modification allowed is an after-market air filter.

2. V-6 engines only with a maximum displacement of 3.8 liters
3. Stock transmission.
4. Insulation under hood **must** be removed.
5. Battery must be in stock location. Secured by minimum 1/8" x 1" steel strap with minimum 3/8" hardware with large head washers.
6. Exhaust must exit behind the driver and under car. Maximum size of 2.5" O.D. **Functional Muffler is Mandatory** and are not to be tampered with. Any car without mufflers or not under 100 decibels at 100 feet will **start from the rear** for the night & must remedy the issue before next event or will not race, one warning only.

SUSPENSION

1. Steering and suspension must remain stock. No modifications.
2. 1" camber allowed. Measured with a carpenter square, **right side only**.
3. No ballast may be added, stock ground clearance must be maintained. Cars appearing too low will be subject to disqualification.
4. Maximum 1" toe in or toe out allowed. **No rear steer allowed.**

BRAKES

1. Stock brakes for car only.
2. Stock master cylinder only.
3. Brake bias adjusting devices are not allowed.

COOLING SYSTEM

1. Any radiator allowed which will fit in stock mounts.
2. **An overflow container mounted in engine compartment is required.**
3. **Water only** in radiator, **Antifreeze** is strictly prohibited and carries a **\$50 fine** if found. Fine will double per occurrence.

GAS TANK

1. If gas tank is ahead of rear axle it may remain in place.
2. If gas tank is behind axle it must be placed with a fuel cell or marine tank (max. 6.6 gal.). Must be secured by minimum 1/8" x 1" steel strap with minimum 3/8" hardware. Must be covered in hatchback in a metal case. Fuel line must exit the top of the tank.
3. Fuel line cannot run thru driver's compartment.

DRIVELINE

1. Completely stock driveline only. After-market transmission coolers allowed.

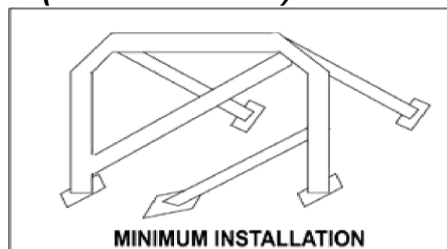
Tires / Wheels

1. All 4 tires must be the same size and aspect ratio, examples: 215/70R15 or 225/60R16.
2. Steel belted DOT radial tires only, 60, 65, 70, or 75 series.
3. No made for racing tires.
4. Stock wheels only aluminum or steel.
5. Tires must not exceed \$100 MSRP. Track may claim any tire for \$75.
6. Chemical treatment of tires (softening) is not permitted and if found guilty will result in the disqualification from the event and loss of prize money and points

SAFETY

1. **DRIVER'S ATTIRE-** Complete SFI-approved fire retardant driving suit and gloves highly recommended. Eye protection and a **Snell SA-2010, SA-2015** or newer helmet required. Snell "M" or D.O.T helmets not allowed. Head and Neck restraints (HANS Type), fireproof shoes, are recommended.
2. **Driver-side window net required**, minimum 16 inch by 18 inch ribbon or mesh style with top release.
3. Racing Seat highly recommended.
4. Racing seatbelts are mandatory, dated within 5 years of event.
5. Fire extinguisher required. 2 lb. BC rated securely mounted in quick release bracket within reach of driver.
6. GSS officials will monitor items related to safety, but ultimately it is the responsibility of the driver to monitor, maintain, and update his safety equipment.

ROLL BAR AND SIDE BARS (Recommended) WILL BE MANDATORY IN 2025



1. Recommend vehicles be equipped with a roll bar. The material used must be 1-3/4" x .095 or better milled steel. No pipe-fittings, exhaust pipe, or conduit.
2. Door bar or plate **REQUIRED** for four door hard tops with no door post.
3. The roll bar must be located directly behind the driver and reach as close as possible to the roof and the left side of car.
4. Two support bars must be added to roll bar to form a triangular, strong structure.
5. Driver compartment bracing must remain inside the driver's compartment and may not dissect, bisect or pass through either the engine or trunk firewall. Such bracing may be installed as a safety feature only and may not reinforce the body or frame or alter the geometry of the car.
6. Roll bar installation is subject to inspection which will be closely scrutinized. Refer to illustration for possible designs. NOTE: Four door hardtops (no door post must have door bars or plate as described below. A flush, securely mounted exterior driver's door protection plate is permitted as an option. NOTE: Plate must be same color as car body (entire door area may be white) and properly numbered. NOTE: The plate should over-lap the front and rear door edges by at least 12 inches.

CLAIM RULE

1. Claim Rule: Track Management reserves the right to claim any car at any time for \$1500 which will include a complete running car minus racing seat & safety belts. A refusal in claim will result in disqualification for event and suspension of driver and car for remainder of the season.

CAR NUMBERS

1. Minimum 18" high numbers in contrasting color. Without a "named car" Numbers must be on both doors and roof.
2. 6" number on upper right corner of windshield and on back of trunk - right side above tail light.
3. NO spray painted or "duct" tape numbers. Cars with non-legible numbers will not be scored.

MISC-TRANSPONDERS / RACECEIVERS / RADIOS

1. **Raceceivers are required** for Race Director Communications; Frequency is 454.000
2. Transponders are mandatory and located approximately 20" (inches) in from rear bumper outside the car mounted on the spare tire hump under the car facing downward with a clear view to the track surface.
3. **NO TWO WAY RADIOS**, cell phones or any other device capable of communication.
4. **TEAM DRIVING** Not Allowed
5. **CHAMPIONSHIP POINTS** - will be awarded per your finishing position. If drivers are disqualified, points do not advance, only winner's purse is past onward.

GENERAL

All cars are subject to a minimum specification inspection at any time. It is the responsibility of the driver to prepare their car FREE of defects and in safe racing condition.

DYNAMOMETER TEST: At the request of the Tech Staff any engine can be required to be dynamometer tested to determine its compatibility with the intent of the rules.

Notes: This class is designed as a true entry level division, management reserves the right to claim all non-complying components to be seized by track official.