

Beckley Motor Speedway: Stock 4 Class 2022 Rules

The following specifications are prepared for Beckley Motor Speedway for the Stock 4 class rules. No expressed or implied warranty shall result from the publication of, or compliance with these rules. They are intended as a guide and are no way a guarantee against injury or death to participants, spectators, or others. Serious injury or death can occur. Racing is a dangerous sport and you do so at your own risk.

These specs are set by Beckley Motor Speedway and may be updated or amended at any with/without notice. If it's not permitted in the rules it is not allowed.

Car and Weight:

- A) Front Wheel Drive with a 105-inch maximum wheel base. 3-cylinder or 4-cylinder engines. No high performance or sport cars. Stock carburetor, fuel injection for make and model. No turbo or rotary engines.
- B) Weight: 2350 lbs for cars up to 150 horsepower. 2600 lbs for cars 150-200 horsepower, and 2800 for cars over 200 horsepower.
- C) All cars must have weight and horsepower listed on the driver's front pillar or on the top of the driver's fender visible for technical inspection.
- D) Stock body, stock frame, and suspension components must be in stock location.
- E) Hood and trucks must have hood pins on each corner if the hinges are removed. Doors must be welded shut.
- F) All glass, airbags, interior and exterior trim, seats, headliners, and insulation under the hood must be removed. May remove dash, inner trim of doors, and the truck lid.
- G) Windshield may be used, or 3 evenly spaced safety bars and a screen covering over the driver.
- H) Bumpers must be welded, bolted, or chained to the frame and have tow hooks on the front and rear of the car. Bumper covers must be attached and unable to come loose.
- I) Battery must be securely mounted if under the hood. If the battery is in the driver's compartment, it must be securely mounted in a marine-type box.
- J) Headers are allowed. Exhaust must not extend more than 1-inch past the body. Must be blunt with no sharp edges.
- K) May remove A/C, smog pump, catalytic converter, and the inertia switch.
- L) Electric cooling fans may be wired to run constantly. Aftermarket radiators are allowed.
- M) May use a quick release and collapsible steering shaft.

- N) Cold air intake systems are allowed.
- O) Electronic Control Unit (ECU) mounted in an accessible location for inspection.
- P) Functional OEM brakes on all wheels. No brake shut off or bias adjuster.
- Q) Fuel tank in front of the rear axle must be separated from the driver's area by a metal fire wall. An approved fuel cell with a safety switch may be used. If a fuel line goes through the driver's compartment, it must be secure, steel, and covered.

Wheel and Tires:

- A) 13-inch through 16-inch wheels are allowed. Racing wheels with a 7-inch width. Racing wheels are allowed with bead lock on the right-front only.
- B) No spacers are allowed. Right side must use oversized lug nuts. All lug nuts must be steel. No aluminum lug nuts.
- C) No racing tires. May be used different sized tires for stagger purposes.
- D) Camber and caster adjustment plates mechanism must be stock. May modify by drilling or grinding the lower bolt holes instruct for camber adjustment, no more than 3 degrees. Must use stock bolts.

Spec Sheet:

- A) Driver must have a spec sheet on hand showing horsepower, compression, bore and stroke for the engine. Engines will be allowed 10% above stock compression. Engine and unaltered OEM components must match.

Roll Cage:

- A) 4 or 6 point roll cage with a minimum of 1.5-inch by 0.95-inch steel tubing required.
- B) A rear roll bar hoop is required behind the driver.
- C) A minimum of 3 bars are required in the driver door and the right door with vertical bracing from top to bottom.
- D) Roll bars must be electrically welded and attached to steel plates. A minimum of 3-inches by 3-inches by 0.25-inch.
- E) Two straight bars may run to the rear trunk area.
- F) Roll bars must be extended through the fire wall, but they must be inside the body.
- G) Interior may be hulled for roll bars only.
- H) All bars must be roll bar padded in the drivers area.
- I) Steel or aluminum driver's door plate is recommended.
- J) All holes in the fire wall must be covered with metal.

Safety Equipment:

- A) Racing seat, racing safety belts, working fire extinguisher, DOT or Snell helmet, SFI approved fire suit, neck restraint or collar, racing gloves, and racing boots are required.
- B) Window net with a heavy duty rod and a quick release latch are required.