

Beckley Motor Speedway: Street Stock Class 2022 Rules

The following specifications are prepared for Beckley Motor Speedway for the Street Stock 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 included in the rule book it is illegal.

Engine:

- A) GM sealed 602 allowed. Series or certified engine builder seals are allowed. Must run a 2-barrel carburetor, as listed below, with a 2 to 4 barrel adapter.
- B) Engine blocks will be the following: GM 350, Ford 351, or Dodge 360. The maximum bore is 60 over.
- C) 362 cubic-inch maximum must be the same manufacture of the frame.
- D) OEM blocks only. No aftermarket blocks, including GM Bowtie.
- E) Blocks must have serial numbers.
- F) One unaltered 2-barrel carburetor, and the choke may be removed and jets may be replaced only. You may use a Holly CT4412 only, with only one 1-inch adapter between the carburetor and intake. 0.07 gaskets between the adapter, carburetor, and intake. No ultra or any other high performance carburetors.
- G) OEM cast-iron cylinder heads only. Maximum intake must have the correct valve size for casting numbers on the head.
- H) Stock size and diameter valve springs; no beehives.
- I) No cutting or machining any numbers. If any numbers are removed, it is considered illegal.
- J) Stock rockers or roller tip rockers are allowed; No roller rockers allowed.
- K) Hydraulic or mechanical cams are permitted only; No roller cams.
- L) Lightweight crank shafts are illegal.
- M) A 2-barrel cast-iron intake is allowed only; No modifications may be made at any time. It must be stock dimensions. No aluminum intakes will be permitted.
- N) No lightweight cranks or lightweight rotating assemblies.
- O) An inspection plug is mandatory on the oil pan.
- P) Number 1 spark plug is no further back than the upper ball joint.
- Q) OEM exhaust manifolds 1 5/8-inch headers only.

- R) You must use an OEM style distributor. No high performance ignition systems are permitted.
- S) One 12-volt battery. No 16-volt batteries allowed.
- T) No engine oil coolers allowed.
- U) Pump gas or racing fuel only. No E-85 or alcohol.
- V) No visible aftermarket performance parts.
- W) No electric or racing fuel pumps. Stock pumps only are permitted with no pressure regulators.
- X) No vortec bowtie heads.
- Y) All gaskets must match the stock gaskets.
- Z) Stock flywheels only; no aluminum flywheels.
- AA) The maximum compression is 175 lbs at any time.
- BB) Stock stroke and rod length for the size of the engine.
- CC) Can be asked to pull the intake on any given night.

Suspension:

- A) The use of a 9-inch rear end is allowed. Floaters are permitted.
- B) No quick change rear ends.
- C) Disk brakes are approved on the rear end, but you can only run OEM calipers.
- D) All brake components must be steel or factory stamped aluminum. You must have working brakes on all 4 corners.
- E) Aftermarket brake pedal assembly is allowed, but you must not be able to adjust brakes from the driver compartment.
- F) Wheel base will be factory length on the make of the chassis.
- G) No traction devices.
- H) Tubular non-adjustable upper control arms are legal, but the lower control arms must be stock and in the stock location.
- I) Spindles must match the manufacturer of the car. No Pinto spindles are allowed.
- J) No aluminum shocks or coil-overs are allowed and no adjustable shocks.
- K) Suspension must remain in stock location and stock dimensions. 3-length rear ends are not permitted unless they are factory.

Transmission:

- A) Transmissions must be stock with all forward and reverse gears. No racing transmissions permitted. Stock clutch plate with springs a minimum of 10.5-inches. If using an automatic transmission, you must have a functional torque converter.

Wheels and Tires:

- A) 10-inch max steel wheels. Bead locks allowed on every corner.
- B) Must have a minimum of 1-inch steel lug nuts.
- C) Any compound tires, 10-inch width max

Chassis:

- A) Mandatory to have tow chains on the front and rear of the car.
- B) American-made cars only.
- C) OEM chassis only. Stock Firewall and Frame Rail not required.
- D) All cars with subframes can be tied together. You can cut the center trunk out for the fuel cell.
- E) Aftermarket bodies are allowed but must look factory and fit in the stock location. The body must match the frame manufacturer.
- F) Fiberglass hoods are permitted. Hoods must fit tightly with no gaps/openings.
- G) All steering components must be stock; quick steer is allowed.
- H) 8" spoiler max allowed.

Weight:

- A) Cars must weigh at least 3100 lbs at all times.

Safety:

- A) Fuel cell must be in a metal container.
- B) Must have a minimum of two metal straps to secure the fuel cell that are 2-inches wide and 1/8-inch thick.
- C) Must have a 5-point harness that connects to the roll cage.
- D) Belts can not be older than 3 years from the date of manufacturing.
- E) Must have at least a 2 lb fire extinguisher.
- F) Minimum of 1 3/4-inch roll cage with 4 bars on the driver's side, and 3 bars on the passenger side.
- G) Driver's side is required to have a minimum of 2-foot by 16-inch steel plate on the driver side roll bars.
- H) 4 bars in front of the driver in the windshield.
- I) Must have a drive shaft loop.
- J) Must have a SFI fire suit, DOT or Snell helmet, racing boots, racing gloves, a window net with a quick release, and a neck restraint or collar.