



## 2022 MINI CUP RULES:

- The rules and/or regulations set forth herein provide for the orderly conduct of racing events and to establish minimum acceptable requirements of such events. These rules shall govern the condition of all such events. All participants are deemed to have complied with these rules. No expressed or implied warranty of safety shall result from publications of or compliance with these rules and/or regulations. Rules are intended as a guide for the conduct of the sport and are in no way a guarantee against injury or death to a participant.
- Speedway Officials shall be empowered to permit minor deviations from any of the specifications herein or impose any further restrictions that in his/her opinion does not alter the minimum acceptable requirements. No expressed or implied warranty of safety shall result from such alteration of specifications.
- Speedway reserves the right to update, modify, and/or delete rules at any time deemed necessary to ensure safety, fair competition or any other reason that may be appropriate. All Discussions with officials must be conducted in a professional manor.
- Cars, parts and or equipment will not be considered as having been approved by having passed through inspection at any time or number of times unobserved or undetected.
- Any interpretation or deviation of these rules is left to the officials. Any decision of and by Speedway Officials is final.
- Unsportsmanlike-like conduct can carry a minimum \$100.00 fine and/or suspension. Any and all fines will be added to the point's fund at the end of the racing season.
- **\$50 per car fee for class to be paid by May 2022**
- Break Out Rule is in place for any time faster than a 20.00 lap.

*These rules are condensed and to be followed with corresponding mini-sportsman rules. If these rules do not say you can, then it is implied you may not. It will be determined by tech and his decision will be final.*

### BODIES:

1. All bodies must be styled to resemble a NASCAR stock car.
2. Roof opening in front only. Positive latches that can be opened inside and from outside body required.
3. Hood and trunk to be than held shut with positive pin fasteners. Roof rails no taller than 3/4 inches running the length of roof and rear window are permissible.
4. Body exterior dimensions shall be no more than 120 inches long and 47 inches wide. Body must remain centered, cannot be offset on frame. Interior aluminum or steel 0.32 min. A non-adjustable spoiler must be attached to the rear deck lid.
5. The spoiler must maintain the same contour as the production deck lid-minimum angle of the 35 degrees and height of 3 1/2 inches. Lexan must be a minimum thickness of .060 but may be thicker.
6. Bracing is allowed on windshield or rear window. Left side speedway window allowed. Must have window net on right side. One Nacca duct allowed in right rear window for engine cooling. Front bumper can NOT be welded, must be bolted.

### FRAME / CAGE:

1. Other than lowering the suspension for larger tires, no altering factory specs. Main frame round or square 1 1/4 inches. Driver Seat to be in center of car.

### FLYWHEEL:

1. Flywheel may be balanced with minimum weight of 11 pounds. May cast iron, billet steel, or aluminum. Aluminum may be lighter. Advancing flywheel timing is allowed.

### ENGINE MODIFICATIONS:

1. Internal and external governor may be removed. Governor hole may be vented or plugged. Zero piston pop-up is allowed. Bore may be clearance. Maximum bore 90mm Piston flat top or dished. No tech rings. Stroke 64mm. Crankshaft may be shortened on clutch side for clearance of chassis. No lightened or polishing of the crankshaft. Crankshaft may be reground .010. Billet aluminum connecting rod with replaceable bearings allowed. Stroke on rod and crankshaft must remain stock Honda Gx390 and or Clone Gx390. Rotating the piston is not allowed. 4.410 Rods only. Can be aftermarket or stock rods.

### CYLINDER HEAD:

1. Honda Gx390 or Gx390 Clone no other allowed. No welding on or in the head. Shaving, porting and big valves are allowed. No hemi heads allowed.

### CARBURETOR:

1. Must be Honda Gx390 or Clone Gx390. No tech on bore size. Restrictor plates must be purchased at South Alabama Speedway.

### REV LIMITERS:

1. No rev limiters on mini cup cars.

### ROCKER ARMS / PUSH RODS:

1. No roller rockers. Maximum 1.2 ratio. Re-enforced rockers allowed. 4.410 Rods only. May be stock or aftermarket push rods.

### CAMSHAFT:

1. No more than 308 lift.

### EXHAUST:

1. Exhaust pipe to be a min. of 28 inches long including muffler. Baffles in muffler can be removed. Staged headers are allowed.

### ACCESSORIES:

1. Tach/temp sensor devices may be attached to the spark plug or exhaust.

### FUEL CELL / FUEL:

1. May run track fuel. The use of a fuel cell 1 1/2 gallons or less mandatory. No fuel additives, alcohol or methanol allowed. Fine for using these is \$50.

### CLUTCH:

1. Only a dry centrifugal shoe type clutch is allowed. No transmission, belt driven torque converters, oil bath clutches or disc style are not allowed.

### CHAIN / GEAR SPROCKETS:

1. Only #35 chain and sprockets allowed. No skip-tooth gears. Engine clutch driver 17 tooth only. Rear gear 78 tooth only.

### BRAKE COMPONENTS:

1. Only hydraulic disc brakes and rotor are permitted. Rear brake mandatory. Brakes on front permitted, brake bias allowed.

### REAR AXLE:

1. Only 1.25" steel or chrome moly hollow axles permitted. Maximum axle length is 40 inches. No alternate materials. Self-oiling carriers' bearings are not allowed. Both tires must be locked to the axle.

### TIRES / WHEELS:

1. Kendra tires only. 205/50/10. Rim thickness must be no less than .00190

### WHEELBASE:

1. The maximum 60.5 inches, minimum 59.5 inches both sides.

### SPRINGS / SHOCKS: (Buy Rule on Shocks)

1. Front springs rating 300# to 400# (5% tolerance + or -)
2. Rear springs rating 125# to 175# (5% tolerance + or -)
3. The only shocks allowed are: AFCO 1551, 1553, 1554. Shocks must remain unaltered from manufacturer. Carrera was bought out by QA1 and will no longer be allowed. No QA1 shocks allowed!!

### BODY HEIGHT / GROUND CLEARANCE:

1. All cars must maintain a minimum roof height of no less than 30.5 inches. Height is measured at rear of roof hatch. Frame and body ground clearance will be 1 3/4 inches.

### CAR WEIGHT:

1. Mini cup weight is 750 pounds' minimum. Added weight must be no further towards the front of the car than the brake and gas pedal. This will now include the battery and battery box. Left side weight is 54% maximum.

