

M.1.I Race of Champions TQ Midgets

ANY CAR, TEAM AND/OR DRIVER THAT DOES NOT MEET THESE SPECIFICATIONS AND/OR EQUIPMENT REQUIREMENTS WILL BE SUBJECT TO PENALTIES AS DETERMINED BY THE Race of Champions OFFICIALS. Any new components, including engine components, body designs, frame designs and/or components of any type utilized in competition must be approved by Race of Champions Officials prior to being introduced into competition.

Any components which are not defined by the following rules will be defined as pursuant to the 2020 will be referenced to the TQ Midget club in which the participant is based nearest to and participates with / within.

NOTICE

ALL MODEL, ENGINE OR EQUIPMENT CHANGES OR MODIFICATIONS NOT SPECIFICALLY ADDRESSED IN THIS RULE BOOK BY RACE OF CHAMPIONS MUST BE SUBMITTED, IN A COMPLETED FORM/ASSEMBLY, TO RACE OF CHAMPIONS FOR CONSIDERATION OF APPROVAL ON OR PRIOR TO NOVEMBER 1, 2020 UNLESS OTHERWISE AUTHORIZED BY RACE OF CHAMPIONS, TO BE CONSIDERED FOR COMPETITION FOR THE 2021 SEASON. THE APPLICANT WILL BE NOTIFIED OF APPROVAL OR REJECTION FROM RACE OF CHAMPIONS. RACE EQUIPMENT WILL NOT BE CONSIDERED AS HAVING BEEN APPROVED BY REASON OF HAVING PASSED THROUGH INSPECTION AT ANY TIME OR ANY NUMBER OF TIMES UNOBSERVED OR UNDETECTED. ANY RACE EQUIPMENT WHICH DOES NOT CONFORM TO SPECIFICATIONS OR TOLERANCES CONTAINED IN THE RACE OF CHAMPIONS RULE BOOK, OR IS NOT OTHERWISE APPROVED BY RACE OF CHAMPIONS, MAY NOT BE USED IN COMPETITION IN 2020. ALL SUBMITTED RACE EQUIPMENT MUST BE ACCOMPANIED BY COMPUTER AIDED DESIGN (CAD) FILES AND/OR MECHANICAL DRAWINGS AND REQUISITE FEE AS DETERMINED BY RACE OF CHAMPIONS.

m.1 Engine

1. Engines / Engine Options

- a.) The (1996-2003) Kawasaki ZX-7R; the (1996-2003) Suzuki GSXR 750 and the Suzuki GSXR 750 (2004-2014) will be permitted for competition.
- b.) Only engines that retain stock components, external and internal, will be permitted for competition.
- c.) Only engines utilizing stock camshafts will be permitted for competition.
- d.) Only unaltered stock throttle bodies and injectors will be permitted for competition. Fuel injectors or carburetors will be permitted.
- e.) Aftermarket cam chain tensioners will be permitted.
- f.) Power Commanders will be permitted.
- g.) Only stock transmissions with all working gears (1st through 6th) operating will be permitted for competition.

m.2 Fuel, Fuel Cells and Fuel Systems

- a.) Only VP Racing Fuels (C12/green) or (VP110/purple) racing gasoline will be permitted for competition.
- b.) Blending of fuel will not be permitted.

m.4 Traction Control Devices

- a.) All electronic and/or computerized wheel spin and/or ignition retardation and/or acceleration limiting and/or traction control devices of any type will not be permitted.
- b.) Adjustable ping control devices, dial a chip controls, timing controls and/or automated throttle controls will not be permitted.
- c.) Remote control components of any-type will not be permitted.
- d.) Data acquisition systems will not be permitted.

m.5 Chassis / Frame

- a.) All cars must maintain the following tread width requirements. A maximum tread width of 55 inches will be permitted. The tread width will be determined by measuring the left outside wheel bead surface to the right outside wheel bead surface at spindle height.

- b.) On either side of the car, the minimum wheelbase that will be permitted will be 54 inches and the maximum wheelbase that will be permitted is 66 inches. When measuring the wheelbase, the maximum allowable difference must not exceed 1/2 inch plus or minus (+/-) on the opposite side. Any device or procedure which has the ability to dynamically change the wheelbase beyond normal travel parameters will not be permitted
- c.) Any top and/or nose wings will not be permitted.

m.5.b. OPTIONAL Top Wing Timeline will be Determined on Introduction;

- a.) A single stationary top wing, placed directly above the top of the roll cage will be permitted. Adjustment of the wing, in any type of mechanical, pneumatic and/or hydraulic fashion on the race track will not be permitted. Only mechanical wing adjustment will be permitted. Pneumatic and/or hydraulic adjustment of the wing at any point will not be permitted.
- b.) The center foil of the wing may be a maximum size of 6 square feet. A maximum width of 36"-inches and length 24-inches. Only a single stage flat or standard dished type center foil will be permitted.
- c.) The side boards must remain symmetrical. The maximum length for the sideboard will be 32"-inches with a maximum height of 15 1/2"-inches. If the wing is removed and placed with the top side on the ground, it must set flat on the ground. The sideboards must not be offset.
- d.) The center foil of the wing must not be less than 3"-inches from the front most side of the sideboard. The center foil of the wing must not be less than 3"-inches from the top of the sideboard. The center foil must not be less than 6"-inches from the rearward most point of the sideboard.
- e.) A wicker bill on the rearward part of the center foil may be used. The maximum the wicker bill may extend from the top of the center foil will be 1"-inch.
- f.) The wing must be securely mounted to the roll cage. The wing must be centered between the inside edge of the rear tires. Wing mounts that are intended to direct air and or work as part of the wing will not be permitted. Wing mounts should be made from solid tubing and or materials specifically used for mounting the wing.
- g.) Only one (1) wing will be permitted. Nose wings and/or spoilers and/or wings of other types will not be permitted.
- h.) The following are suggested part numbers of wings that meet the criteria; WULWU001114 (Wings Unlimited) or TXRSC-NW-0001 (Triple X Race Components).

m.6 Weight

- a.) All cars designated and signaled to do so must be weighed post-race, which includes qualifying and/or feature race(s).
- b.) There will be no tolerance for weight in regard to the minimum weight requirement following an event. The addition of any fluid during post-race inspection will not be permitted. Wheels and tires may not be changed, unless otherwise authorized by the Race of Champions Officials.
- c.) The addition of ballast weight, after the competition, will not be permitted.
- d.) All specified minimum weight requirements will be with existing fuel, oil, and water (with driver) and the car race ready. All cars must be scaled at the request of the Race of Champions Officials, pre and/or post qualifying and/or pre and/or post-race. There will be a post-race minimum that must be meant as follows:
 - 1.) For all cars utilizing a stock unaltered cylinder head (2004-2014 750 GSXR), the minimum post-race weight will be **860 pounds**.
 - 2.) For all cars utilizing an altered cylinder head (1996-2003 Kawasaki or Suzuki), the minimum post-race weight will be **870 pounds**.
 - 3.) For all cars utilizing a non-stock altered cylinder head (ATQMRA-type / 2004-2014), the minimum post-race weight will be **890 pounds**.
- e.) Unless otherwise authorized by the Race of Champions, at all times all weights will be measured by the Race of Champions Officials using the scales provided by the Race of Champions. It is the responsibility of each race team to insure that its car meets the specified minimum weight requirements for this Series on these scales.
- f.) Mechanical devices used for or intended to be used for the shifting of weight that may be activated by the driver and/or a crew member while the car is static or in motion will not be permitted.
- g.) From time-to-time and/or specific event(s), the weight rules for the Race of Champions may be adjusted based on maintaining the balance of competition and adjustments in regard to "home track rules". Those adjustments will be issued specifically on the "Event Competition Format".

h.) All engine and weight packages claimed by any competitor must be clearly displayed on the right side of the hood.

m.10 Tires

- a.) The following tire rule(s) will apply. Only the Hoosier tires will be permitted for all scheduled events. The determination of the Hoosier Tire compound will be issued 30-days prior to the first event of the 2020 season.
- b.) Only the Hoosier Tire 13 inch MG5 or Hoosier Tire 10 inch LC5 will be permitted for competition on the right rear. The Hoosier Tire 13 inch MG4 will be permitted for competition on the left rear, right front and left front. The Hoosier Tire 10 inch LC0 or other Hoosier Tire LC stamped tires, will be permitted for competition on the left rear, right front and left front.
- c.) All tires must be used in approved positions. Approved positions are those positions on the car recommended in writing with prior notification to the Race of Champions, by the Race of Champions-approved tire manufacturer for its tires used by Competitors in the Event.
- d.) Unless otherwise authorized by the Race of Champions, all tires to be used for practice or qualifying must be purchased and mounted at the Event from the Race of Champions-approved tire supplier.
- d.) Immediately following a qualifying attempt, wheels and tires from all qualified cars may be impounded and/or marked by Race of Champions Officials. Unless otherwise authorized by Race of Champions Officials, all tires used in qualifying must be used for the start of the Race. The impounded tires will be returned when the cars are prepared for the Race. The tires must be replaced in the positions from which they were removed.
- e.) Unless otherwise authorized by Race of Champions Officials, Competitors will not be permitted to make tire changes prior to the completion of the first official green flag lap of the Race.
- f.) The Race of Champions Officials may approve the replacement of an impounded tire when recommended by the tire manufacturer's representative without a starting position penalty provided the replacement tire carries the same manufacturer identification number as the tire used for qualifying.
- g.) The Race of Champions-approved tire supplier may re-balance or re-mount tires under the supervision of Race of Champions Officials.
- h.) Tire or wheel warming, using heaters, blankets, micro-wave or any other method will not be permitted.
- i.) Should identification numbers or serial numbers be defaced on any previously approved tire, this tire will be ruled ineligible for competition.
- j.) Tires that, in the judgment of Race of Champions Officials, have been altered by unauthorized treatment will not be permitted.
- k.) Hand grooving, buffing, grinding, and/or cutting on any area of the racing tire will not be permitted.
- l.) Cleaning and/or the removal of excess rubber (build up) will be permitted.
- l.) The Race of Champions Officials may establish a tire change rule for the particular Event being run. This rule shall be made known to all the Competitors at the Pre-Race driver's meeting.
- m.) Competitors presenting cars for inspection must have their tires inflated to the recommended technical inspection inflation pressures as specified by the participating tire manufacturer for the Event. If tire pressure(s) are not at the recommended technical inspection inflation pressures after competition, tires will be adjusted to the recommended technical inspection inflation pressures as specified by the participating tire manufacturer for the Event.

m.12 Safety

- a.) A full containment seat is recommended.
- b.) The use of SFI 38.1 approved head and neck restraints is required.

m.13 Other

- a.) The use of an AMB transponder is required.
- b.) The use of a one-way radio for tower to driver communication is required.

m.14 Series Decals and Patches