Vitz Cup Series Technical Rules

The following technical rules apply to the Vitz Cup Series, which allows the participation of Vitz cars from 1999 to the current year. Both automatic and manual transmission cars are permitted. All modifications and adjustments must adhere to these rules to ensure a competitive and fair series.

1. Eligible Vehicles

- Only Toyota Vitz models from 1999 to the current year are eligible. Both 3-door and 5-door variants are allowed.
- Automatic and manual transmission models are permitted.

2. Engine Specifications

- Absolutely all engine components (including all intake and exhaust attachments (except as in paragraphs 4. and 5.) and specifications must remain to original factory specification. No exceptions will be allowed for any reason.

- Cylinder head or block resurfacing is permitted only for repair, within Toyota's published service limits. The competitor must provide supporting measurements and repair records upon request.

- Replacement service parts must match original factory specifications, dimensions and materials. Alternative internal components are prohibited.

3. ECU and Engine Management

- The original Toyota factory ECU, with the correct unmodified factory software and calibration must be fitted and used. No other ECU shall be on board the car.

- Remapping, reprogramming for performance, standalone ECUs, aftermarket plug-and-play ECUs, piggyback controllers and additional engine-control devices are prohibited. None of these aforementioned devices shall be on board the car.

- Altering, intercepting or falsifying sensor signals, or modifying wiring to influence engine performance, is prohibited.

- Rev limits and fuel, ignition, throttle and variable valve timing control strategies must remain to original factory specification.

4. Induction and Fuel System

- Forced induction, nitrous oxide, water-methanol injection and any other supplemental power-enhancing injection systems are prohibited.

- Aftermarket air filters, including cone filters, are permitted. The factory airbox may be removed. Only the mounting hardware and adaptor necessary to attach the filter to the original intake connection are permitted; replacement intake pipes are prohibited.

- Additional air-inlet ducts, hoses, scoops, vents or openings to supply air to the filter or engine bay are prohibited.

5. Exhaust and Emissions

- Catalytic converters may be removed. This allowance does not permit other engine or ECU modifications.

- Exhaust piping must retain the stock routing and must not exceed 2 1/4 inches outside diameter (OD). Measurements shall be taken on straight sections, clear of welds, flanges and joints. Enlarged pipe sections, bypasses and cut-outs are prohibited.

- The original resonator and muffler may be removed or replaced with aftermarket units. All connecting and replacement piping must comply with the diameter limit above.

- At least one functioning muffler must be fitted. All exhaust gases must pass through it and exit at the rear of the vehicle.

6. Cooling

- Upgraded radiators, engine oil coolers and brake-cooling ducts are permitted.

- Brake-cooling ducts must direct air solely to the brakes. Openings required exclusively for these ducts are permitted.

7. Transmission

- Only original factory specification automatic and manual transmissions are allowed.

- **Automatic Transmission:** Shift controllers and torque converters may not be modified.
- **Manual Transmission:** Five (5) speed Gearboxes are the only transmissions allowed. No aftermarket sequential transmissions are allowed.
- **Differential:** OEM limited-slip differentials (LSD) are allowed.

- **Final Drive Ratios:** Modified final drive ratios are allowed.

8. Suspension

- Suspension upgrades are allowed within the following limitations:
    - **Springs and Dampers:** Adjustable Coilovers are allowed.
    - **Camber Adjustments:** Camber bolts or plates are allowed.
    - **Anti-Roll Bars:** Aftermarket anti-roll bars are permitted but must be bolt-on in its OEM mounting location, without requiring modification to the chassis.

9. Brakes

- **Brake Pads:** Aftermarket brake pads are allowed.
- **Rotors:** Stock-size brake rotors must be retained, but aftermarket, slotted, or drilled rotors are permitted.
- **Brake Lines:** Braided steel brake lines are allowed.
- **Brake Calipers:** Factory specification brake calipers must be used. No aftermarket calipers are allowed.

10. Wheels and Tires

- **Wheels:** Maximum wheel size is 17 inches in diameter. Minimum wheel size is 15 inches.

- Tires: 180+ Treadwear and above tires are allowed. The maximum tire width is 205mm.

- A maximum of 8” width is allowed.

11. Body and Aerodynamics

- **Bodywork:** All body panels must remain OEM. The use of aftermarket body panels, including fiberglass or carbon fiber replacements, is prohibited.

- **Interior:** Interior components shall remain OEM specification with the exception of removal of the rear seat, the roof liner, and carpets.

- **Aero Components:** Front lip spoilers, rear spoilers, and side skirts are allowed but must not exceed 100mm from the stock body width and height.

- **Windows:** Polycarbonate (Lexan) windows are allowed, but the windshield must remain glass.

12. Weight

- The minimum weight, including the driver, must not be less than 2530 lbs. Vehicles found underweight will be subject to disqualification.

13. Fuel System

- Fuel will undergo baseline testing to establish reference parameters for compliance checks. A reference sample will be retained for comparison.

- **Fuel must be used as supplied.** Mixing with any other fuel or adding additives or other substances is prohibited. Competitors must ensure that no residual fuel exists to contaminate the supplied fuel.

- Competitors are subject to random fuel sampling and testing at any time throughout the competition day and must provide access to their vehicle's fuel system immediately upon requested by officials.

- Fuel samples must comply with the established reference parameters and published testing tolerances. **Non-compliance, refusal to provide a sample or interference with testing will result in disqualification.**

- **Fuel Tank:** The original factory specification fuel tank must be retained, unmodified and in its original location.

- **Fuel Pump:** Aftermarket **factory specification replacement** fuel pumps are permitted, provided they are installed in the original location and retain the factory specification fuel system layout and pressures.

- **Fuel Delivery:** The factory specification fuel delivery system must be used unmodified.

14. Safety Requirements

- **Roll Cage:** A minimum of a 6-point roll cage is required. The roll cage must meet FIA or local motorsport authority safety standards.
- **Seats and Harnesses:** Racing seats (fixed or Reclinable) with a 4-point harness are mandatory. The harness must be FIA-approved.
- **Fire Extinguisher:** A fire extinguisher with a minimum capacity of 2 kg must be mounted within easy reach of the driver.
- **Helmets and Racewear:** Drivers must wear helmets meeting FIA standards and fire-resistant race suits, gloves, and shoes.

15. Electronics

- Aftermarket gauges are allowed for monitoring purposes but **must not interfere or interface with the vehicle's ECU**.
- Only factory specification traction control or driver aids may be used.

16. Protest and Compliance

- All vehicles must satisfactorily complete technical inspection before and after each race event.
- All vehicles are subject to additional random inspection at any time before, during, and after each event to ensure compliance with the technical regulations. Failure to make the vehicle immediately available for any such inspection will result in disqualification.
- Any work being done on a vehicle that is required to be presented for additional random inspection shall immediately cease once the competitor is informed that the vehicle is required to be submitted to that inspection. Any continuation of such work will result in disqualification.

17. Modifications

- Any Modifications not specifically stated in these Technical Regulations ***ARE NOT ALLOWED*** and shall result in disqualification until the competitor's vehicle may satisfactorily complete a Technical Inspection where the vehicle confirms to these Technical Regulations.
- "Gentleman's Agreements" that allow vehicles outside of these Technical Regulations are expressly forbidden and shall not have any standing.

These rules aim to maintain fairness and close competition within the Vitz Cup Series while allowing the aforementioned limited modifications to improve performance and safety.

Sporting Regulations: Vitz Cup Class

The following regulations govern the Vitz Cup Class under the Guyana Motor Racing & Sports Club (GMRSC). All competitors must adhere strictly to these rules to ensure fair competition and the integrity of the series.

1. Protest Procedures

- A formal written protest on the Protest Form, towards a competitor's car must be lodged with the Race Director / Clerk of the Course of the Event.
- The protest fee of **Twenty Five Thousand Dollars, (GYD $25,000)**, shall accompany the Protest Form at the time of submission.
- Protests must be submitted **within 30 minutes after the completion of the specific race event** for consideration.
- The Protest Fee, within the time deadline for the protest is required for the protest to be considered.

- The Protest Fee is non-refundable unless the protest is upheld by the officials.

2. Technical Compliance

- All vehicles must adhere to the **technical regulations** set forth by the series.
- Any competitor found in breach of these regulations will face **disqualification** from participation in the Vitz Cup Class.
- Compulsory, immediate random inspections may be conducted before, during, or after events to ensure compliance.

3. Branding and Sponsorship Guidelines

- Competitors must comply with the **Series Branding Guidelines** for car livery.
- All vehicles are required to prominently display the **class title sponsor logo** at the designated size and location as specified by the series.
- Failure to comply with branding requirements will result in **disqualification** from the race.

4. Driver Conduct

- All competitors must display **sportsmanlike behavior** on and off the track.
- Aggressive driving, intentional collisions, or unsportsmanlike conduct will result in penalties, ranging from time penalties to disqualification from the event.
- Repeated offenses may lead to suspension from the series.

- Drivers are encouraged to read and become au fait with the FIA International Sporting Code and its appendices.

5. Safety Standards

- All vehicles must meet the GMR&SC's **safety requirements**, including roll cages, seat belts, and fire suppression systems.
- Drivers must wear approved racing suits, helmets, gloves, and shoes during all on-track sessions.
- Any failure to comply with safety standards will result in disqualification.

6. Participation and Registration

- Competitors must register for each race event by the **designated deadline** set by the GMR&SC.
- A competitor failing to register or pay entry fees on time will not be allowed to participate in the event.
- Substitution of drivers without prior notification & approval is prohibited and will result in disqualification.

7. Race Start and Grid Positions

- Grid positions will be determined based on **qualifying times**.
- False starts or jump starts will result in a range of penalties from time or grid penalties to disqualification.

8. Race Duration and Scoring

- The race duration and number of laps will be announced prior to the event.
- Points will be awarded to the top finishers as per the GMR&SC championship points structure.
- Ties in points will be resolved based on the highest number of race wins, followed by podium finishes.

9. Vehicle Inspection

- Pre- and post-race scrutineering are mandatory for all vehicles.
- Any modifications outside the scope of the technical regulations will result in disqualification.

10. Performance Balancing Measures:

- The GMR&SC shall have the right to apply performance balancing measures to ensure close racing. These measures may range from application of restrictors to addition of weight to competitor's vehicles and are at the sole discretion of Race Control. Competitors who refuse the application of these measures and the Technical Inspection to confirm their application shall be disqualified.

11. Appeals Process

- Competitors wishing to appeal a ruling must submit a written Intention to Appeal to the Race Director / Clerk of the Course **within one (1) hour of the closure of the event**.
- An appeal fee of **One Hundred Thousand Dollars (GYD $100,000)**, **payable within ninety six (96) hours of the submission of the Intention to Appeal** will apply. This fee shall be payable even if the Intention to Appeal is abandoned.

- The Formal Written Appeal shall be submitted to the designated representative of the GMR&SC National Court of Appeal within ninety-six (96) hours of the submission of the Intention to Appeal, along with the Appeal Fee.

- The GMR&SC shall notify the Competitor of the decision of the National Court of Appeal within thirty (30) days of the submission of the Appeal.

12. Media and Publicity Obligations

- All competitors are required to attend post-race media briefings and cooperate with promotional activities organized by the series.
- Failure to comply may result in penalties or exclusion from future events.

13. Class Structure

- The Vitz Cup shall have a two-class structure, differentiated by lap time brackets.

- A Class; 00:01:32 Time Bracket

- B Class; 00:01:35 Time Bracket

- Competitors who break out of their assigned Time Bracket will lose three (3) grid places and carry an additional fifty (50) pounds of penalty weight in their vehicle for the remainder of the event.

- Penalties for repeated breakouts will result in the weight penalty being compounded until the breakout ceases. The GMR&SC reserves the right to apply any additional measures as specified in paragraph 10. above.

By participating in the Vitz Cup Class, all competitors agree to abide by these sporting regulations. The GMR&SC reserves the right to amend these rules as necessary.