



FORM : STF-GR001 Guide. 2007

Stichting Team Frequency Drag Race Regulation

This manual should be applied in full under all circumstances during events organized by Stichting Team Frequency.

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1. What is drag racing?

Drag racing is an acceleration race where two opponents start at the same time race over a distance of 400 meters.

The two vehicles are to start at the starting lane with the help of either a starter, usually called the flag man, or an array of lights attached to a pole, usually called the Christmas tree.

The finish is determined by a minimal quantum of three persons standing at the finish line or by sensors linked to a main computer and the Christmas tree.

During the race the two drivers should steer the vehicles in a straight line and should avoid a false start at all times since this error can disqualify participants.

2. Who may participate?

Participants are subject to prove the following documents:

1. A drivers license,
2. ID stating 18 years and older,
3. Doctors health certificate not older then a month,
4. Signed document stating that the participant is entering this contest at his/own own risk and understands the dangers of this sports,
5. Signed document stating that all damage caused by or to the participants are their own responsibility,
6. Signed document stating that participant cannot in any way hold the organization or third party people responsible for any damage caused before, during and after the event,
7. Persons that have paid the event registration fee in full,





3. *What vehicles are permitted?*

Vehicles entering the drag race competition must comply with the variable class requirements noted on page

All vehicles that are entering the racing area through regular traffic must present a valid police certificate stating good working order by the Surinamese Traffic law. Vehicles entering and leaving premises with the aid of a trailer will not be subjected to this requirement.

4. *Different classes / groups*

In this manual you will find the criteria of different groups.

All participants must read the manual thoroughly before subscribing into a particular group.

If the technical committee suspects that your vehicle does not belong in a group you subscribed, you will be placed in a group in which this committee finds it's appropriate. Make sure you follow all these criteria to have all the advantage. It will not be the organizations task / responsibility to accommodate your vehicle into a group.

INDEX:

- FI = Forced Induction
- PA = Power adder = NOS / TURBO
- NOS = Nitrous Oxide System
- DPA = Dual Power adders
- SPA = Single power adders
- NA = Normal aspirated
- IC = Intercooler
- D.O.T. = Department of transportation
- AT = Automatic Transmission
- MT = Manual Transmission
- 2WD = Two wheel drive
- 4WD = Four wheel drive
- FWD = Front wheel drive
- RWD = Rear wheel drive





i. GROUP 4 , NA Class, Small Forced Induction Class

Vehicles entering this class:

- Must be NA vehicle with a Maximum engine capacity 3 Liters, AT+MT
- May be equipped with a single power adder with a Maximum engine capacity of 1.3 L (NON ROTORY) w/ stock turbo setup, E.g. Toyota Starlet = CT9 turbo , 1.3 L

ii. GROUP 3 , Street legal FI –2WD. / NA 3.1 Liter >

Vehicles entering this class:

- Must be 2WD (either FWD or RWD)
- May be equipped w/ a single FI setup with a Maximum engine capacity 2.5 Liters, AT+MT (NON ROTORY).
- May remove complete interior panels except for driver's door panel, factory dashboard and driver seat.
- Is limited to use only D.O.T. approved tires w/ a maximum width of 9 (NINE) inches.
- May not be equipped with an aftermarket non factory fuel cell.
- May not have an open header exhaust design, down pipe must be at least 3 ft measured from the header collector exhaust pointing away from the drivers position.
- FI vehicles may not substitute factory glass with lightweight aftermarket replacement glass such as Lexan.
- Must be street legal by local government traffic law.
- NA vehicles may use a non factory fuel cell and D.O.T. approved tires exceeding 9" and Lexan glass.

iii. GROUP 2 , Pro modified, FI-2WD / AWD

FI 2WD Vehicles entering this class:

- May be stripped as much as possible except for drivers door panel though ensuring vehicle's safety.
- Can use unlimited PA's.
- Engine's capacity may not exceed 5 Liters.
- May use full drag slicks, non factory fuel cells, replacement glass such as Lexan.
- May use a rotary engine w/ a maximum capacity of 1.3L.





FI 4WD Vehicles entering this class:

- May be stripped as much as possible except for drivers door panel though ensuring vehicle's safety.
- May **NOT** use full drag slicks, non factory fuel cells, replacement glass such as Lexan.
- May **NOT** use a rotary engine.
- May only have a SPA.

iv. **GROUP 1 , Pro Open**

Vehicles entering this class:

- All participants
- All that do not qualify class 1,2,3.

5. *Safety guidelines*

This guide will help you get acquainted with the safety standards applied by the Surinamese sanctioning body for drag race events.

Note: these safety standards are the minimal requirements and may be exceeded encouraging higher levels of safety. Participants / users will be responsible for their own acts at all times.

Index:

- I. Personal safety requirements**
- II. Vehicle safety requirements**
- III. Overall safety tips**
- IV. Safety measurements at the track**

I. Personal Safety requirements

All drivers must be equipped with the following safety gear.

- a) Fire retardant race suite SFI grade 1 certified
- b) Fire retardant race gloves SFI grade 1 certified
- c) Fire retardant race shoes SFI grade 1 certified
- d) Helmet D.O.T. /SNELL 2000 certified w/ strap





II. Vehicle safety standards / restrictions

All vehicles participating in Class A and B must be equipped with the following:

- a) Minimal a 6 point roll cage w/ minimum diameter of 1 ¾” steel tubes,
- b) Minimal 1 piece easy accessible fire extinguisher of minimal 5 lbs,
- c) One main shut off switch located on an easy accessible spot from both the outside and the inside of the vehicle,(one for the driver and one for the safety officials outside the vehicle)
- d) Minimal 2 Hood pins, / 6 for latch less construction, (these have to be taped down with minimal 2” duct tape to the hood panel)
- e) Minimal 4 points harness for driver bolted to chassis, or roll bar,
- f) Driver seat must be firmly bolted to chassis, minimal of 8 mm diameter steel bolts/studs, with thread locker paste applied,
- g) All pressurized containers emitting hazardous vapors or liquids except the fire extinguishers must be vented outside the vehicle, pointing away from the driver,
- h) All structural body parts such as bumper covers / hoods / hatch and doors must be present and must be securely attached,
- i) Only Lexan MR10 or equivalent material, replacement glass is permitted, front windshield minimal ¼” and rear 1/8”. For dedicated classes.
- j) External water spray is not permitted unless from factory.
- k) Converted exhaust / turbo dumb tubes must be diverted away from the driver and must not be exiting towards fuel containers or other flammable substances/ materials or source of ignitions,
- l) Methanol injection is prohibited. The use of water is recommended as a substitute





III. Overall safety tips

These safety tips will guide you to participate in a more safely manner. Following these tips will only help to acquire higher safety precautions resulting in an injury free environment. Please take note that these pointers may be exceeded at all time to ensure saver conditions.

i. Electrical

- a) Make sure to isolate all electrical connections / cables / wires and terminals to avoid any shorts resulting in sparks or meltdown.
- b) All electrical wires must be terminated or soldered and must be secured against chassis with cable clips.
- c) Batteries located in the vehicles trunk or cabin must be installed in a battery sump. Both must be securely tight to chassis. Over load tubes of batteries carrying acid solvents must be routed towards outside the vehicle, these must be installed only in the trunk, only dry cell / spill free batteries are permitted in the cabin area.
- d) A minimum space of 2.5 ft is required between battery and fuel sump if both are located in the trunk or cabin.
- e) Never use other then manufacture recommended wires and terminals.
- f) Make sure to install appropriate rated fuses.

ii. Fuel

- a) To avoid any leaks in couplings you must use appropriate pastes / seals.
- b) Engines that are running with high compression or with the aid of a Turbo or Supercharger must be equipped with an oil catch can. This must be empty prior to any race.
- c) Fuel cells must be firmly attached to chassis and must be vented towards outside the vehicle away from the exhaust.
- d) Vehicles equipped with an inline fuel pump must secure all fuel lines and pump to chassis.



IV. Safety measurements on the track

Please pay attention when you are on the track. Always follow the instructions of the track officials, these will be easily identified by their official event shirt / badge.

Remember: these guys are on the track to help ensure a safe racing environment and are not there to disrupt your racing mood. When you are on the track you may not be under the influence of alcohol or any other substance that may cause you to behave/operate your vehicle inappropriately.

6. How can you be disqualified

Stichting Team Frequency reserves the right to disqualify participants that do not follow the rules and guidelines of the event.

Please keep in mind that this sport still needs a lot of development and by following this safety guide you are helping the Surinamese racing enthusiasts to a higher level of development.

7. How to submit a protest

All Teams / Participants can submit a protest by a letter or mail.

stg_teamfrequency@yahoo.com

Only one person should be appointed to discuss matters on behalf.



8. *Rulebook disclaimer*

The rules and/or regulations set forth herein are designed to provide for the orderly conduct of racing events and to establish minimum acceptable requirements for such events. These rules shall govern the condition of all events, and by participating in these 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. They 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, spectator or official. The Race Director shall be empowered to permit minor deviation from any of the specifications herein or impose any further restriction that in his opinion does not alter the minimum acceptable requirements. NO EXPRESSED OR IMPLIED WARRANTY OF SAFETY SHALL RESULT FROM SUCH ALTERATION OF SPECIFICATIONS. Any interpretation or deviation of these rules is left to the discretion of the officials. **Their decision is final**

