

NSR CLUB

FORMULA22

TECHNICAL RULES



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TECHNICAL RULES - NSR F22

(version 1.0 - 2024)

1. Allowed models

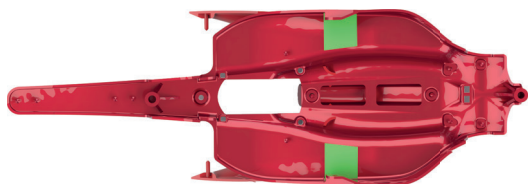
1.1 NSR F22



2. Body

- 2.1 It must be original in all its parts and can not be modified.
- 2.2 If the white kit is used, the body must be completely repainted,
- 2.3 At the beginning the body must be complete in all its parts
- 2.5 It must be fixed to the chassis by 2 screws, the lugs can be reinforced with non-metallic materials
- 2.6 At the end of the race, they may not be present the rear view mirrors,
- 2.7 CAN NOT be lightened or modified compared to the original
- 2.8 In case of loss the rear or front wings, they have to be replaced in maximum 3 laps, otherwise the driver will take a penalty of 3 laps.
- 2.9 **MINIMUM WEIGHT: 11g**

In case of ballasting the body, the weight should be placed in the green area.



3. Chassis

- 3.1 Versions with different hardness are allowed for each model (soft, medium, hard, extra hard)

1620	Soft	Blue
1621	Medium	Black
1622	Hard	White
1623	Extra Hard	Green



- 3.2 It is mandatory to write the name of the driver on the chassis.

4. Motor mount

- 4.1 Motor support allowed are original 1288 (red extrahard) – and 1286 (medium black).



1288 F22 inline motor support xhard red

1286 F22 inline motor support medium black

- 4.2 The motor support can be fixed to the chassis by 3 or 5 screws, placed as the driver prefer.



5. Suspensions

5.1 Suspension are allowed:



- 1276S Soft springs
- 1276M Medium springs
- 1276H Hard springst



6. Axles and bearings

6.1 Original axles ref. 4802.
The use of drilled axles 4872 is permitted both at the front and at the rear.



6.2 Original bushing ref 4805



6.3 It is allowed to use spacers on front or rear axle

6.4 It is allowed to use NSR ultralight stopper cod 4860



7. Motor

7.1 **King 21 EVO/3** long can 21.500 rpm, (purple label), provided from race direction.



- 7.2 Can be fixed to the motor support only with NSR 4851 screws.
- 7.3 Must be mounted with the red point to the left (see photo)



8. Transmission

8.1 All NSR Inline chainrings of any version are allowed.



8.2 The 10 tooth NSR Inline sprocket of any version is allowed.



9. Wheels

9.1 Original front wheels 5020 fixed to the axle by screw, or plastic front wheels 5029.



9.2 Allowed rear wheels:

Originali 5031 (16,5x10) – racing 5032 (16,5x12) – 5033 (16,5x12)

5031
(16,5x10)



5032
(16,5x12)



5033
(16,5x12)



9.3 Wheel hubcaps are required (NSR Formu - la 22) and can be glued to the wheels.

5470 Black
5471 Red
5472 White
5473 Gold



9.4 In case of loss of the hubcap, it must be replaced into 3 laps, otherwise driver will get a penalty of 3 laps.

10. Front tires

10.1 NSR recognizable front tires NSR (5296N 19,5X9,5 – 5200 16X8,5)

10.2 It is allowed to glue and true the tyres on the rims.

10.3 They must completely cover the tire.

10.4 CAN NOT be covered with material or additives that modify its adhesion to the floor (glue, paint and the like, for example).

10.5 Minimum diameter 17 mm



11. Rear tires

11.1 New Racing low profile 19x13 rear tires ready to run, provided by the organization (code **5294BLACK**).



12. General measures

12.1 Maximum front and rear width of 66 mm.

**Everything
not specified is
NOT ALLOWED!**

13. Pick-up

- 13.1 All NSR guides are allowed:
4841 - 4843 - 4844 - 4845 - 4859.

4841



4845



4843



4844



4857



4859



- 13.2 NSR spacers are allowed between the chassis and the pickup to better adjust the attitude at the bottom of some types of tracks.

Pick-up guide spacer brass



4818

005"/0.12mm



4819

010"/0.25mm



4820

020"/0.50mm

- 13.3 It is allowed to thin the blade
13.4 Allowed flat head screw NSR 4857

14. Cables

- 14.1 Original NSR ref 4824. Can not be modified.
14.2 Although they can pass under the axle, they can not interfere with it, which will have to turn freely.
14.3 Can be attached to the chassis with adhesive tape or glue.
14.4 It is suggested to put the cables as in picture, using the flat head screw 4857.



15. Braids

- 15.1 NSR 4822 (Copper braids) – 4849 (Tin plated braids), fixed to the guide as original position with original eyelets ref 4821.
15.2 They can not be glued to the guide or to the cables.

16. Screws

- 16.1 Allowed NSR metric screws code 4834-4836- 4839-4869 and standard 4833 for both motor support and body.
16.2 It is allowed to leave them loose to facilitate the movement of the body.



17. Magnet

- 17.1 Forbidden



The final check of the car will be carried out with the NSR technical tool Offset Marshall.



In case of an anomaly, it will be necessary to change the chassis and/or motor mount, and present the car in regular condition within and no later than 10 minutes, under penalty of 5 laps for each minute spent in excess in parc fermé.