



GT3 PRO 1/24

2nd October 2021 versión 10.1

TECHNICAL RULES:

1-. ALLOWED MODELS:

- 1.1-. Scaleauto Porsche 911 RSR (997 version). See Technical A-1(rev.20-12-2015)
- 1.2-. Scaleauto BMW M3 GTR. See Technical A-2(rev.6-12-2013)
- 1.3-. Scaleauto Jaguar XKR RSR. See Technical A-3(rev.6-12-2013)
- 1.4-. Scaleauto Mercedes SLS AMG GT3. See Technical A-4(rev.6-12-2013)
- 1.5-. Scaleauto Audi R8 LMS GT3. See Technical A-5.2 (rev. 01-01-2020).
- 1.6-. Scaleauto BMW Z4 GT3. See Technical A-6 (rev.1-10-2021).
- 1.7-. Scaleauto SRT VIPER GTS-R. See Technical A-7 (rev.10-1-2018).
- 1.8-. Scaleauto Porsche 911 RSR (991 version). See Technical A-8(rev. 20-04-2017).
- 1.9-. Scaleauto Audi R8 LMS GT3 (version LMS 2016). See Technical A-9 (rev. 21-09-2021)
- 1.10-. Scaleauto Corvette C7R . Ver ficha Técnica A-10 (rev. 1-10-2021).

2-. BODY:

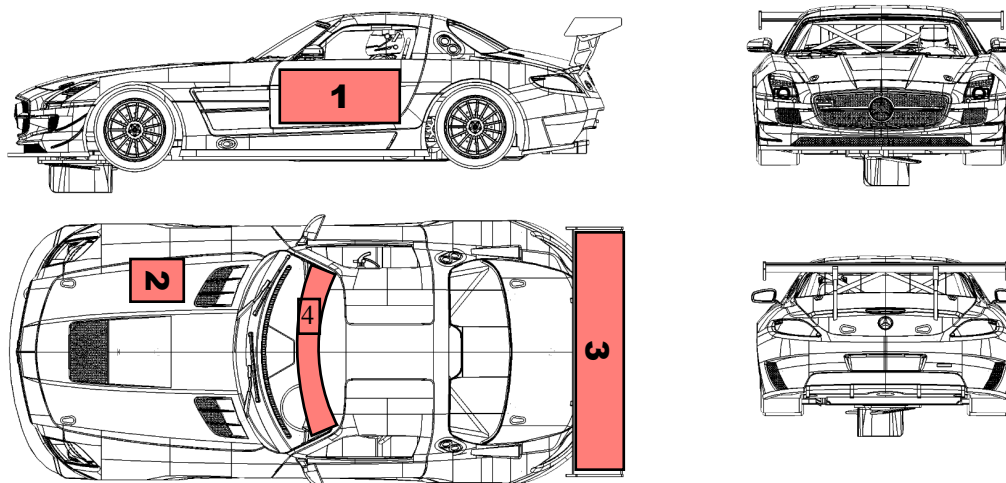
- 2.1-. **Material:** Original, without any modification to its components.
- 2.2-. **Dimensions and mandatory parts:** All original body parts identified in each of the models technical articles must be present without modification to its original position. The side mirrors can be replaced with appropriate 1/24 scale plastic or rubber alternatives.

CAR MODEL	Lexan window	Lexan parts	Min. body height	wheelbase
A1. Porsche 997	Yes	No	1.00 mm	100 mm
A2. BMW M3 GTR	Yes	No	1.00 mm	114 mm
A3. Jaguar XKR RSR	Yes	No	1.00 mm	113mm
A4. Mercedes SLS AMG	Yes	No	2.00 mm	112 mm
A5-. AUDI R8 LMS	Yes	Front motor Fan cover	1.00 mm	110 mm
A6-. BMW Z4 GT3	Yes	Rear diffuser	2.50 mm (central part only) rest 1.0	106 mm
A7. SRT Viper GTS	No	No	2.00 mm	106 mm
A8. Porsche 991 RSR	Yes	No	1.5 mm	104 mm
A9. Audi R8 LMS 2016	Yes	Front motor Fan cover	1.0 mm	113mm
A10-. Corvette C7R	Yes	No	2.00 mm	113mm

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- 2.3- **Modifications allowed:** Lightening/removing material from the body or the deformation of the body or its original components is explicitly prohibited; exception applies to mandatory or optional modifications indicated in the technical sheet of each model. Transparent glue may be used to strengthen body parts.
- 2.4- **Wheel Arches / Wheelbase:** The wheels should be centered in the body's wheel arches and must maintain the dimensions specified in each of the models technical articles at all times. Maximum variation in the original wheelbase indicated in each of the models technical articles is: $\pm 1\text{mm}$.
- 2.5- **Decoration:** The base color can be any opaque color. It's mandatory a 1 complete paint coat covering all over a injected body shape from its external surface. It is mandatory to include racing number in 3 locations (left side, right side and hood). All originally transparent parts must be kept transparent. In official Scaleauto races, it is mandatory to use sponsors decals in the areas described below.



- 2.6- **Cockpit and Drivers:** Cockpits (interiors) must be the model indicated on each of the models technical articles.
- 2.7- **Driver:** Should be painted above the waist line; helmet, arms and steering wheel also need to be painted. The Helmet must be completely visible through both side windows when looked at the car from the sides.
- 2.8- **Ballast:** If necessary to add Body ballasts, it can only be added inside the plastic body areas except the fixing body pillars and body pillars piece. This ballast must be fitted always above the height of the metal body plates.
- 2.10- **Rear wings:** If you opt for the installation of carbon fiber rear wings, installing the supplied rubber supports is mandatory. If the original plastic spoilers are being used, you can either use the plastic support or the rubber support original. In either case, the neoprene foam reinforcement described in each of the models technical articles is allowed.

3-. CHASSIS.

- 3.1- **Type and material:** SC-8003 GT3, without any change to any of its original components except as stated in this regulation. The mark "Scaleauto" must be completely visible on its surface. Chassis customized with additional parts are not allowed. Reinforcement of any chassis part is prohibited.
- 3.2- **Motor Mounts:** Original on the family SC-8114, SC-8115, SC-8136, SC-8137 without modification of the chassis or piece itself allowed. It is allowed also the motor subframe SC-8156 (all versions) SC-8116 motor stopper is allowed without modification if no subframe is used.
- 3.3- **Magnets:** Prohibited.
- 3.4- **Ballasts:** Are allowed above the main chassis, not visible from the bottom view (except though screw holes). Ballasts are also allowed above any floating plate.



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- 3.5- **Fasteners:** Open choice.
- 3.6- **Guide holders:** Original to the chassis without modification SC -8160 or SC-8160a in combination with SC-8160bc or SC-8166. Any material can be used to adjust the height of the guide holders. Only one guide nut (free choice) is allowed It is allowed both front subframe versions SC-8153c and SC-8154c
- 3.7- **Axle Supports:**
Front: Any original Scaleauto, ref. SC-8108a/b/c/d/e or SC-8147a/b/c without modification.
Rear: Any original Scaleauto, ref. SC-8108a/b/c/d/e or SC-8147a/b/c or adjustable SC-8121, without modification.
Any material can be used to adjust the height of axle supports.
- 3.8- **Body Mounts:** Original depending on the model chosen, without modification. Only 1 unit per side fixed to the bodywork solely by screws.
- 3.9- **H Plate:** Any non-modified version of the following references: SC 8157c / sc-8158c / sc-8159c . T-nuts from the following series are allowed: SC-8126, SC-8113, SC-8145. The H plate movement restrictors, SC-8146, are also allowed.

4-.TRANSMISSION:

- 4.1- **Type:** 4x2.
- 4.2- **Pinion:** Free.
- 4.3- **Spur Gear:** Free within the Scaleauto catalog without modification. Not allowed any kind of slippers or clutch control.

5-.AXLES AND BEARINGS:

- 5.1- **Axles:** steel axles. Semi axles are not permitted.
- 5.2- **Bearings -Ball-Bearings:** Free.
- 5.3- **Spacers and Stoppers:** Free in quantity within the Scaleauto catalog without modification.

6-.WHEELS:

- 6.1- All 4 wheels should be in contact with the track surface in a static position.
- 6.2- Must be composed of rim and tire.
- 6.3- The front wheel is complete wheel ref. SC-2702p or SC-2710p without the possibility of altering the original compound to increase or decrease its grip. The tire should completely cover the wheel hub. Tires can be trued but may not be made conical. The contact surface to track must be a minimum of 8mm. at all times with a minimum diameter of 25.0mm.
- 6.4- The rear wheels may be any of the following references: SC-2121p, SC-2621p, SC-2421p and SC-2521p without modification. Tires can be trued but may not be made conical. Treatment with additives is not allowed. In official Scaleauto races, complete SC-2421p wheels (trued to 27.3mm.) will be provided.
- 6.5- Complete wheels mounted on the axle must be completely visible in a vertical car view. The wheels must be fixed to the shaft and rotate together and jointly with it. All wheels must be identifiable with the original "Scaleauto" logo inscribed on its side.
- 6.6- Wheel inserts are mandatory on all 4 wheels throughout the race. Should be manufactured by Scaleauto and unchanged in thickness.

7-.GUIDE,WIRES and BRAID:

- 7.1- **Wires:** Free choice. The use of guide clips is allowed. Wires may not be visible from above when the car is at rest on the track.
- 7.2- **Guide:** Single, **any from the Scaleauto family**. Guide blade may not protrude the bumper or front spoiler when viewed from above. Free guide height spacers allowed
- 7.3- **Braid:** Open choice.
- 7.4- **Lights:** Mandatory on a 24h event. LEDs should be white or yellow on the front and red or orange in the rear. Free of choice must be assembled under the front bonnet, as close as possible to the front window, and as centered as possible from the overall width of the car. The switch position is free, remembering that the bodywork cannot be modified. Transparent glue should be used to attach all light kit components. Minimum lighth intensity will be checked.



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8-.MOTOR:

- 8.1-. **Type:** Sc-0029 Sprinter Jr. With up to 22,500 rpm at 12 V is admitted. Delivered by the organization in official Scaleauto events.
- 8.2-. **Characteristics:** It will be unique, strict series, without modification - all components originally included with each motor must be respected. It must be sealed and any mark showing a tempering attempt will result in disqualification. You cannot add or manipulate any electrical, mechanical or electronic element to alter the motor performance. The organization will consider whether the motor performance, with or without load, is within the preset tolerance values supplied by the original manufacturer of the motor. Using magnetic field enhancers is prohibited.

9-.WEIGHTS AND MEASURES:

- 9.1-. Ground clearance to track: 1.0mm throughout the race. For endurance races, a minimum of 1.2mm clearance is required (excluding crown) before the start of the race, measured on a flat base, at the rear axle, without the support of the guide.
- 9.2-. Minimum height of body, on a horizontal static position, in relation to the chassis base: see data sheet for each car.
- 9.3-. Minimum weight of the complete car: 195 gr. (+5gr when light kit added in 24h race)
- 9.4-. Maximum weight of complete car: 210 gr. . (+5gr when light kit added in 24h race)
- 9.5-. Minimum weight of the entire body: 55gr. . (+5gr when light kit added in 24h race). Metal supports, its fixing screws to the chassis and plastic interior supports are part of the body.
- 9.6-. Maximum weight of the entire body: 60g. (. (+5gr when light kit added in 24h race).
- 9.7-. **Minimum and Maximum front track width:** See table below. (Measured from outside of a tire to the other including the hubcovers)
- 9.8-. **Maximum rear track width:** See table below. (Measured from outside of a tire to the other including the hubcovers)

CAR MODEL	FRONT MIN SIZE	FRONT MAX SIZE	REAR MAX SIZE
A1. Porsche 997	76mm	78mm	78mm
A2. BMW M3 GTR A4. Mercedes SLS AMG	78mm	80mm	83mm
A3. Jaguar XKR RSR	80mm	82mm	83mm
A5-. AUDI R8 LMS	80mm	82mm	82mm
A6-. BMW Z4 GT3	78mm	80mm	82mm
A7. SRT Viper GTS A8. Porsche 991	78mm	80mm	80mm
A9. Audi R8 LMS 2016 A10-. Corvette C7R	80mm	82mm	82mm

10-.GENERAL:

- 10.1-. Under the supervision of the organization all aspects not covered in this technical regulation are prohibited.
- 10.2-. Enrollment in the race means full acceptance of this regulation.