Slot.it GT3 Class 2025

PREMISE

I. These regulations include the exhaustive list of conformity requirements for models participating in competitions; modifications not included in the regulations are prohibited. Certain prohibitions are made explicit for clarity.

II. The term "Box Stock" means the condition in which a model or any component is presented in its packaging for its intended use.

III. All models and spare parts must be in Box Stock condition.

IV. The use of a free component cannot imply a modification, substitution or omission that is not defined in these regulations.

V. These regulations cover the rules for the "**Box Stock**", "**EVO**" and "**EVO2**" categories.
The parts allowed for the Box Stock category are a subset of those allowed in the EVO regulation and, where necessary, the differences are made explicit.
The parts allowed for the EVO category are a subset of those allowed in the EVO2 regulation and, where necessary, the differences are made explicit.

VI. The catalogue 'Slot Car Accessories in 1/32 scale' is the only reference for all legal codes in this regulation and is published in the 'Download' section of 'www.slot.it', or: http://catalog.slot.it/

The organisers will randomly assign one engine and three tyres for each model. Upon delivery of the motor and tires, a sproket for each model will also be provided, selected by the participants from the four available options (see paragraph 10). The installation of the motor, pinion gear and tyres will take place under Parc Fermé conditions. The competitor, having chosen the pair of tyres and the sprocket, returns the discarded ones. The number of tyres supplied depends on the type of race.

The motors are selected in advance by Slot.it by measuring both idle and under load revolutions and current consumption to ensure a homogeneous supply.
Malfunctions of the engine and/or the supplied tyres are to be considered race incidents and do not entitle to any compensations or compensations in laps, time or otherwise.

1. ALLOWED MODELS

1.1 The parent codes of the "CA--" models homologated in any livery variant (marked by a lowercase letter at the end of the code) are as follows (with standard body weight):

1.2 Any changes, substitutions or omissions can only be made if explicitly referred to in these regulations. Sometimes, for clarity, prohibitions are explicitly stated.

CA43 Maserati MC GT3	CA48 Maserati MC GT4
Body weight 22.6g	**Body weight 21.7g**
CA49 Nissan GT-R NISMO GT3	CA58 Audi R8 GT3 LMS EVO II
Body weight 23.4g	**Body weight 22.4g**

2. CATEGORIY CONFIGURATION

2.1 GT3 Box Stock
Sidewinder motor chassis 1.0 mm offset, MX16-m motor, pinion gear Z=11/12, 18 mm sidewinder gear.
Front wheels: PL, diameter 17.3 mm; Rear wheels: AL, diameter 17.3 mm.

2.2 GT3 EVO
Sidewinder motor chassis 1.0 mm offset, MX16-m motor, pinion gear Z=11/12, 18 mm sidewinder gear.
Front wheels: PL/3D/AL/Ma, diameter 17.3 mm; Rear wheels: AL/Ma, diameter 17.3 mm.
The use of suspension and ballast is allowed.

2.3 GT3 EVO2
Anglewinder motor chassis 1.0 mm offset, Flat/Boxer motor, pinion gear Z=11/12, 16 mm anglewinder gear.
Front wheels: PL/3D/AL/Ma, diameter 16.5 mm; Rear wheels: AL/Ma, diameter 17.3 mm.
The use of suspension (including in the front) and ballast is allowed.

3. BODYWORK AND MODIFICATIONS

3.1 The bodywork cannot be modified and must be in 'Box Stock' configuration.

  3.1.1. However, it is acceptable for the following to be omitted: rear view mirrors, windscreen wipers, side lights, front towing hook (also from the chassis), additional lights, antennas.

3.2 Painting the body with a specific livery is optional. Paint can only cover the outer surface.

3.3 Painting white bodies is obligatory and can only cover the outer surface.

3.4 It is forbidden to paint transparent parts.

3.5 The housings of the frame fixing screws can be reinforced with plastic tubes.

3.6 The body must be attached to the chassis with all the screws provided for the box model.

3.7 All the spare parts included in the sales box dedicated to the specific model can be used.

  3.7.1. The use of all 'tear proof' spare parts and Slot.it-coded plastic cockpits is permitted.

3.8 Reinforcement of the spoiler attachment points with resin and/or tape is permitted, provided that the shape of the bodywork is not visibly altered. The reinforcement must not alter the upper part of the spoiler.

3.9 When installing the lighting system, it is allowed to drill holes in the bodywork in the locations of the front and rear light housings to accommodate the LEDs, according to their shape.

3.10 The minimum weight of the bodywork is: **>/= 23.0g**

  3.10.1. This weight refers to the weight of the Box Stock body, in one piece, without screws and related washers..

  3.10.2. Models whose bodywork turns out to be lighter must be brought into weight conformity using ballast placed under the driver's compartment.

3.11 EVO: The use of the polycarbonate cockpit (lexan) is permitted. The minimum weight of the bodywork after installation of the lightened cockpit must be **>/= 18.0g.**

  3.11.1. If necessary, ballast must be placed under the driver's cabin.

  3.11.2. It is obligatory to paint the rider in order for the helmet, visor, arms and hands to be recognisable.
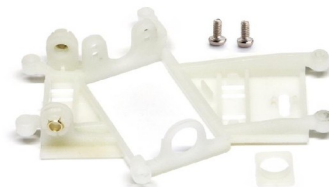
4. CHASSIS AND MODIFICATIONS

4.1   The term 'Chassis' means the assembled sum of all its original components.

4.2   It is assumed that the Box Stock chassis is flat in the central area.

4.3   Cleaning the chassis from moulding burrs and chamfering the sides is permitted as long as the gap between the sides of the chassis and the bodywork does not exceed 1.0 mm.

4.4   The chassis must clearly display the name of the driver or the team to which it belongs.

4.5   The maximum width of the slots for the body screws is 2.6 mm. The measurement includes the washer, if present.

4.6   The minimum height of the chassis from the ground, measured at the front axle, is 0.1 mm. The minimum height of the chassis from the ground, measured at the rear axle, is 2.2 mm.

    4.6.1.   Measurements are carried out with unworn race wheels installed.
For measurement only, the screws may be fully tightened and the suspension fully extended.

4.7   The lower surfaces of the chassis, motor mount and motor must be on the same plane.

    4.7.1.   The coplanarity tolerance of the three elements must be that of the original models.

4.8   M2 hexagon screws can be used in their designated positions to adjust the position of the front axle and the resting of the body on the chassis.

4.9   SP07 spacers are optional and can be glued.

4.10   On the front axle the plastic bushings are optional and can be replaced by Slot.it coded spherical bushings

4.11   Maximum permissible track width: the wheels, with tyres, must not protrude from the bodywork.

4.12   The additional side frame closing triangles, normally occupied by the angled motor frame corners, can be omitted.

5. MOTOR MOUNT AND MODIFICATIONS

5.1   The homologated motor mounts are the sidewinder CH65 and CH115b, offset 1.0 mm.

5.2   **EVO2:** The use of CH74, CH82b and CH119b anglewinder motor mounts for Flat-6 and Boxer motors, offset 1.0 mm, is permitted.

5.3   The motor mount cannot be modified.

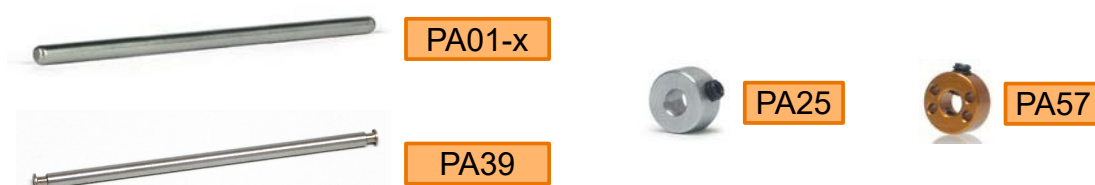**5.4**   Bushings cannot be glued into their compartment.

CH65

CH74

6. SHAFTS (AXLES*)

6.1 Any Slot it-coded full-section axle can be used.

6.2 **EVO:** The PA39 independent-wheel front axle can be used provided that one wheel is retained by the eyelet inserted in the axle and the other by the wheel grub screw.

6.3 **EVO2:** the use of rear axle stoppers PA25, PA57 is permitted.

PA01-x

PA25   PA57

PA39

* for historical reasons, nouns 'shaft' and 'axle' are used as synonyms.

7. WHEELS

7.1 **Front wheels:** all 17.3 mm diameter and 8.2 mm wide plastic front wheels Slot.it-encoded, except 3D-printed ones, are homologated.
EVO: all 17.3 mm diameter and 8.2 mm wide Slot.it-encoded front wheels, including 3D printed ones, can be used.
EVO2: all 16.5 mm diameter and 8.2 mm wide Slot.it-encoded front wheels, including 3D-printed ones, can be used.

7.2 **Rear wheels:** All 17.3 mm diameter aluminium rear wheels Slot.it-encoded are homologated.
   7.2.1. If sponge tyres are used, the approved code for the rear wheels is W15009515A, equivalent to 17.3 mm diameter wheels.
EVO: the use of Slot.it-encoded 17.3 mm diameter magnesium rear wheels is permitted.

7.3 The wheel-tyre contact surface must be original and clean.

7.4 The use of Slot.it encoded wheel inserts is mandatory. All 16.5 mm and 17.3 mm diameter wheel inserts are permitted.
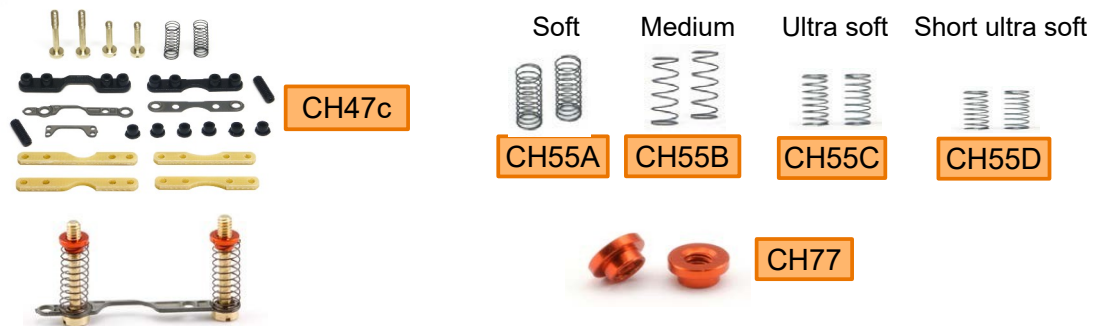
8. GEARS

8.1 All Slot.it-encoded straight-tooth gears, both plastic and ergal, 18 mm in diameter, are homologated. (GS18XX)

8.2 **EVO2:** all Slot.it coded anglewinder gears, both plastic and ergal, 16 mm in diameter, are homologated. (GA16XX).

Box Stock/EVO
(GS18XX)

EVO2
(GA16XX)

9. SUSPENSIONS (EVO only)

9.1 Suspensions can be installed on the side and/or rear.

9.2 **EVO2:** the suspension can also be installed at the front.

9.3 It is permitted to install all and only Slot.it coded suspension components. Any combinations of these components is allowed.

9.4 Modifying (lengthening or shortening) the suspension springs is permitted.

9.5 Only Slot.it screw dedicated to suspension are allowed.

    9.5.1. Screws can be modifed.

Classic suspensions (examples):

Soft	Medium	Ultra soft	Short ultra soft

CH47c

CH55A   CH55B   CH55C   CH55D

CH77

Magnetic suspensions:
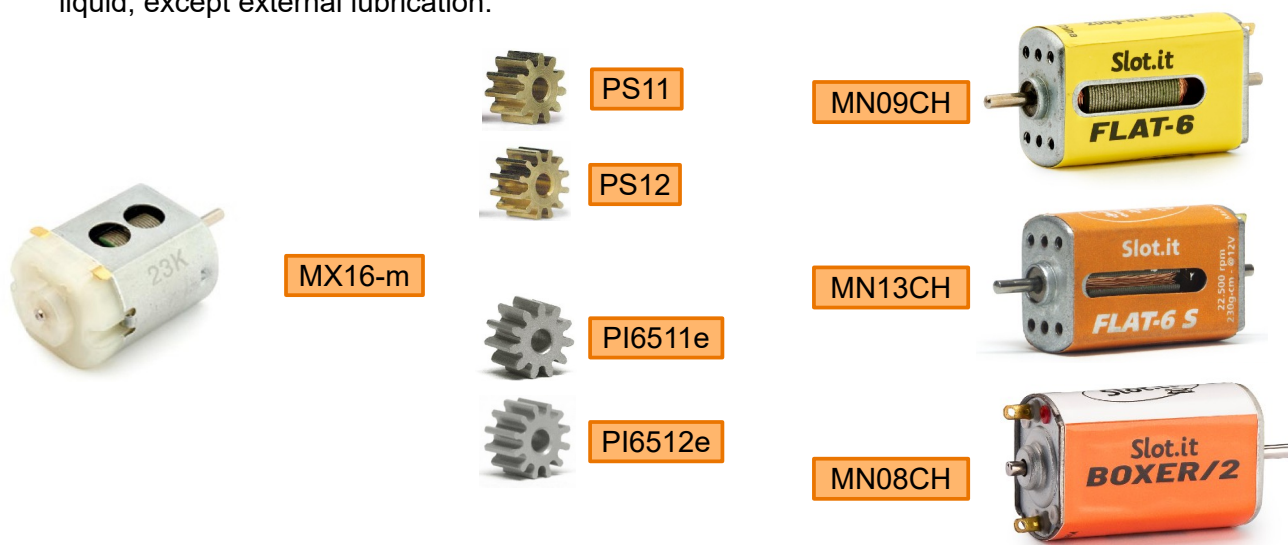
CH09

CN08   CN09   CN10

10. TYRES

10.1 The homologated rear tyres are the **PT1323**, visibly marked Slot.it.
The compound (F22 or G25) is defined according to race rules.

    10.1.1. In the case of using sponge tyres, the homologated tyres are code
        PT1209SP30, turned to an outside diameter of not less than 21.0mm, measured
before the start of the race under parc fermé conditions.

10.2 Rear tyres are provided by the organiser.

10.3 Front tyres, visibly marked Slot.it, must have a minimum diameter, installed on the rim, of 18.4 mm, homogeneous over the entire width; PT15 tyres are permitted.

EVO2: if 16.5 mm diameter wheels are used, the front tyres, visibly marked Slot.it, must have a minimum diameter, installed on the wheel, of 17.5 mm, homogeneous over the entire width.

10.4 It is not permitted to glue the tyres to the rims or treat them with any liquid other than that supplied by the organisers.

11. MOTOR

11.1 The only homologated motor is: **MX16-m** Slot.it (V12/4 23,000 Rpm - 170g*cm @12V).
EVO2: Slot.it motors **MN09CH**, **MN13CH** and **MN08CH** (respectively: Flat-6 from 20,500 Rpm - 200g*cm @12V; Flat-6S from 22,500 Rpm - 230g*cm @12V; Boxer/2 from 21,500 Rpm - 340g*cm @12V)

11.2 The pinion must be Slot.it 6.5mm diameter, Z=11 or Z=12 at your choice. Both brass (codes PS11 and PS12) and ergal (codes PI6511E and PI6512E) pinions are allowed.

11.3 The motor cannot be glued to the frame or secured with tape, but can be fastened to it with screws.

11.4 It is legal to cover the motor opening.

11.5 If the engine is supplied by the organiser of the race, it is forbidden to carry out any manoeuvres that may alter its performance, including running-in and the use of any type of liquid, except external lubrication.

PS11

PS12

MX16-m

PI6511e

PI6512e

MN09CH

MN13CH

MN08CH

12. LED AND LIGHT KIT (optional)

12.1 The Light Kit must be of type SP16c or SP44.

    12.1.1. The placement of the light kit is free as long as it is inside the car.

    12.1.2. The chip components of all light kits cannot be separated.

    12.1.3. It is permitted to replace the LEDs as long as they are white or yellow at the front and red at the rear. The LEDs must also be of uniform colour between similar positions.

    12.1.4. The minimum number of LEDs is two at the front and two at the rear.

    12.1.5. Cables are free and it is permitted to use connectors and switches as long as they are entirely within the model.

12.2 The minimum weight of the bodywork is increased by 3.0g for the installation of SP16c or SP44 kit.

13. WASHERS, SPACERS, SCREWS, EXAGONAL SCREWS

13.1 Washers and spacers are free, metallic. They are permitted where present in the box model and on the front and rear axles.

13.2 Screws and exagonal screws are free unless otherwise specified in the regulations.

13.3 It is allowed to use the "plastic counter plugs" code CH72 or the vetronite bars code CH127 on the engine frame bolts. Vetronite bars can also be found in the suspension kit code CH47c.

CH72

CH127

14. PICK-UP

14.1 All Slot.it coded pick-ups are allowed, with the exception of LMP pick-ups. Some examples below.

14.2 Modifying the blade is permitted.

14.3 Only black plastic pick-ups are allowed.

CH10

CH26

CH66

CH85/85d

15. BRAIDS, CABLES, EYELETS

15.1 Contact braids, power cables, eyelets and the type of connection between power cables, braids and the pick-up are free.

15.2 In the event that the engine is supplied by the organiser already wired with standard Slot.it connectors, the power cables coming out of the pickup, of free type, must nevertheless terminate with Slot.it connectors, code SP45.

Connectors

SP45

16. MAGNETS

16.1 The use of magnets is not permitted with the exception of correctly installed magnetic suspension magnets (unless otherwise specified locally).

17. BALLAST (EVO only)

17.1 It is permitted to weigh down the chassis with ballast of the type SP24 and SP25.

17.2 It is permitted to weigh down the motor mount with ballast of the type SP23 in the designated locations and SP24 in free position.

17.3 The weights must not protrude from the perimeter of the chassis and may have no other purpose than providing ballast.

SP23

SP24

SP25

Revision matrix			
Revision	**Date**	**Status**	**Modifications**
2.0	13/05/2024	**Obsolete**	**First version of 2024**
2.01	10/06/2024	**Obsolete**	**Added 9.2, 11.2** **Modified 1.1, 9.1** **Cancelled 2.10.3** **Graphic and ortographic revision**
2.02	27/06/2024	**Obsolete**	**Added EVO & EVO2 rules** **Revised paragraphs affected by EVO/EVO2 regulation** **(par. 2, 4, 5, 6, 10, 14)**
2.03	28/08/2024	**Obsolete**	**Added CA48** **Modified 3.7.1, 3.11**
2.04	23/10/2024	**Obsolete**	**Added 10.3** **Modified par. motors assignement, 10.1, 10.2** **Cancelled table par. 2**
2.05	23/06/2025	**Active**	**2025 revision** **Graphic and ortographic revision**