



## Slot.it DTM 2025

### PREMISE

- I. This regulation includes the exhaustive list of compliance requirements for models participating in competitions; modifications not reported in the regulation are prohibited. Some prohibitions are explicitly stated for clarity.
- II. The term "Box Stock" refers to the condition in which a model or any component is presented in its packaging for its intended use.
- III. All models and spare components must be in Box Stock condition.
- IV. The use of a free-type component cannot imply a modification, replacement, or omission that is not defined in this regulation.
- V. These regulations cover the rules for the **"Box Stock"**, **"EVO"** and **"EVO2"** categories. The division into several categories is adopted to allow a choice of 'difficulty' in the preparation of the machines: from the most basic "Box Stock" to the most advanced "EVO2".
- VI. 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 permitted for the EVO category are a subset of those permitted in the EVO2 regulations and, where necessary, the differences are made explicit.
- VII. The "Slot Car Accessories in 1/32 scale" catalog is the only reference for all the legal codes in this regulation and is published within the "Download" section of the website 'www.slot.it', or at: <http://catalog.slot.it/>



## MOTOR ASSIGNMENT (optional)






The organisers will randomly assign one engine and three tyres for each model. Upon delivery of the motor and tires, a sprocket for each model will also be provided, selected by the participants from the two available options (see paragraph 11). 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 pre-selected by Slot.it, measuring both the unloaded and loaded RPMs and consumption to ensure a homogeneous supply. Malfunctions of the provided engine or tires are to be considered race incidents and do not entitle the competitor to any compensation or reimbursement 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 modification, substitution, or omission can only be made if explicitly mentioned in this regulation. Sometimes, for clarity, prohibitions are explicitly reiterated.

|  |   |
|--|---|
| <b>CA35 Alfa Romeo 155 V6 TI (1993/94)</b>  <p><b>Body weight 19.1g</b></p> | <b>CA36 Opel Calibra V6</b>  <p><b>Body weight 18.8g</b></p> |
| <b>CA40 Alfa Romeo 155 V6 TI (1995)</b>  <p><b>Body weight 19.4g</b></p>    | <b>CA44 Mercedes 190E</b>  <p><b>Body weight 20.1g</b></p>  |

|   |  |
|---|--|
| <p><b>CA45 Alfa Romeo 155 V6TI (1996)</b></p>  <p><b>Body weight 19.0g</b></p>     | <p><b>CA47 Nissan Skyline GT-R R32</b></p>  <p><b>Body weight 20.9g</b></p>    |
| <p><b>CA50 Alfa Romeo 155 V6 TI (1994/95)</b></p>  <p><b>Body weight 18.9g</b></p> | <p><b>CA53 Mercedes C-Class (1994/95)</b></p>  <p><b>Body weight 20.8g</b></p> |
| <p><b>CA54 Mercedes C-Class (1995/96)</b></p>  <p><b>Body weight 21.8g</b></p>   | <p><b>CA--</b></p>   |

## 2. CATEGORY CONFIGURATION

### 2.1. DTM Box Stock:

Inline motor mount offset 0.5 mm, MX15 motor, Z=9 or Z=10 pinion, inline bronze crown.  
Wheels: front PL diam. 15.8 mm, rear. AL diam. 15.8 mm.

### 2.2. DTM EVO:

Inline motor mount offset 0.5 mm, MX15 motor, Z=9 or Z=10 sprocket, free inline crown.  
Wheels: front PL/3D/AL/Ma diam. 15.8 mm, rear. AL/Ma diam. 15.8 mm.  
Suspension allowed (rear/side)

### 2.3. DTM EVO2:

Telaio motore inline offset 0.5 mm, motore MN09CH, pignone Z=9 o Z=10, corona inline libera. Ruote: ant. PL/3D/AL/Ma diam. 15.8 mm, post. AL/Ma diam. 15.8 mm.  
Sospensioni ammesse (posteriori/laterali/frontali)

## 3. BODYWORK AND MODIFICATIONS

### 3.1 The bodywork cannot be modified and must be presented in "Box Stock" configuration.

3.1.1. However, it is acceptable that the following are omitted: rear view mirrors, windscreen wipers, side lights, front tow hook (also from the chassis), additional lights, antennas.

### 3.2 Painting the bodies with livery is optional and must only cover the outer surface.

### 3.3 Painting the white bodies is mandatory and must only cover the outer surface.

### 3.4 Painting the transparent parts is prohibited.

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

### 3.6 The body must be attached to the chassis using all the screws provided by the box model.

### 3.7 All spare parts 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-encoded plastic cockpits is permitted.

### 3.8 Reinforcement of the wing mounting areas with resin and/or adhesive tape is permitted, provided that the shape of the bodywork is not visibly altered. The reinforcement must not alter the top part of the wing.

### 3.9 In the case of the installation of the lighting system, it is permitted to drill holes in the bodywork at the location of the front and rear light housings to allow the LEDs to be accommodated, according to their shape.

### 3.10 The minimum weight of the bodywork is:

**$\geq 20.0\text{g}$**

3.10.1. This weight refers to the weight of the disassembled body, in one piece, without screws.

3.10.2. Any ballast must be placed under the pilot compartment.

### 3.11 EVO: The use of the polycarbonate (lexan) cockpit is permitted. The minimum weight of the bodywork after installation of the lightened cockpit must be **$\geq 17.0\text{ g}$** .

3.11.1. It is mandatory to paint the rider so that the helmet, visor, arms and hands are identifiable.

## 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 frame is flat in the central area.
- 4.3 Cleaning the chassis from burrs and chamfering the sides is permitted as long as the gap between the sides of the chassis and the body does not exceed 1.0 mm.
- 4.4 The chassis must bear on the lower face the name of the driver or team.
- 4.5 The maximum width of the slots for the passage of the body fixing screws is 2.6 mm. This measurement includes the washer, if any.
- 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 frame, motor mount and motor must lie on the same plane.
  - 4.7.1. The coplanarity tolerance of the three elements must not exceed  $\pm 0.3$  mm.
- 4.8 Free-type M2 hex screws can be used in the predefined receptacles for adjusting the height of the front axle and the support of the body on the chassis.
- 4.9 SP07 supports are optional and can be glued.
- 4.10 On the front axle, plastic bushings are optional and can be replaced by Slot.it coded spherical bushings.
- 4.11 The maximum track width, measured at the tyre, must not exceed the width of the bodywork.
- 4.12 The additional side frame triangles, normally occupied by the angled motor frame corners, can be omitted.

## 5. MOTOR MOUNT AND MODIFICATIONS

- 5.1 The homologated motor mount is the Slot.it CH110, offset=0.5mm.
- 5.2 Motor mount cannot be modified.
- 5.3 Bushings cannot be glued in their housing.
- 5.4 **EVO2**: the use of the CH114 motor mount, offset=0.5mm for Boxer/Flat engines is allowed.
  - 5.4.1. The metal spring element can be omitted.



CH110  
Offset 0.5

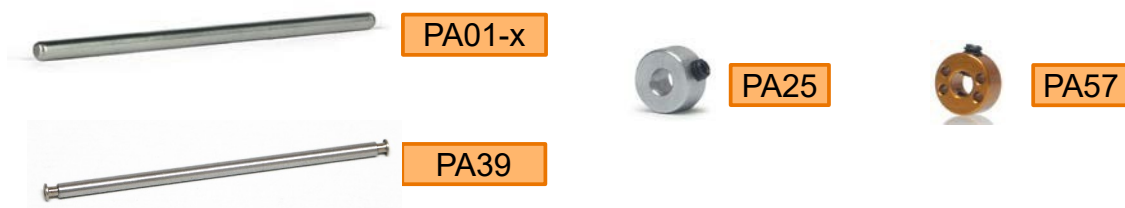


CH114  
Offset 0.5



## 6. SHAFTS (AXLES\*)

- 6.1 Any Slot.it-encoded solid section axle can be used.
- 6.2 **EVO:** The PA39 independent-wheel front axle can be used as long as one wheel is held by the eyelet and the other by a grub screw.
- 6.3 **EVO:** the use of rear axle stoppers PA25, PA57 is permitted.



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

## 7. RUOTE

- 7.1 **Front wheels:** all 15.8 mm diameter and 8.2 mm wide Slot.it plastic wheels, except 3D-printed ones, are homologated.  
**EVO:** 15.8 mm diameter and 8.2 mm wide Slot.it-encoded aluminium, magnesium and 3D printed wheels are permitted.
- 7.2 **Rear wheels:** 15.8 mm diameter and 8.2 mm wide Slot.it-encoded aluminium wheels are homologated.  
**EVO:** 15.8 mm diameter and 8.2 mm wide magnesium wheels Slot.it-encoded is permitted.
- 7.3 The wheel-tyre contact surface must be original and clean.
- 7.4 The use of Slot.it coded wheel inserts is mandatory. All 15.8 mm diameter wheel inserts are permitted.

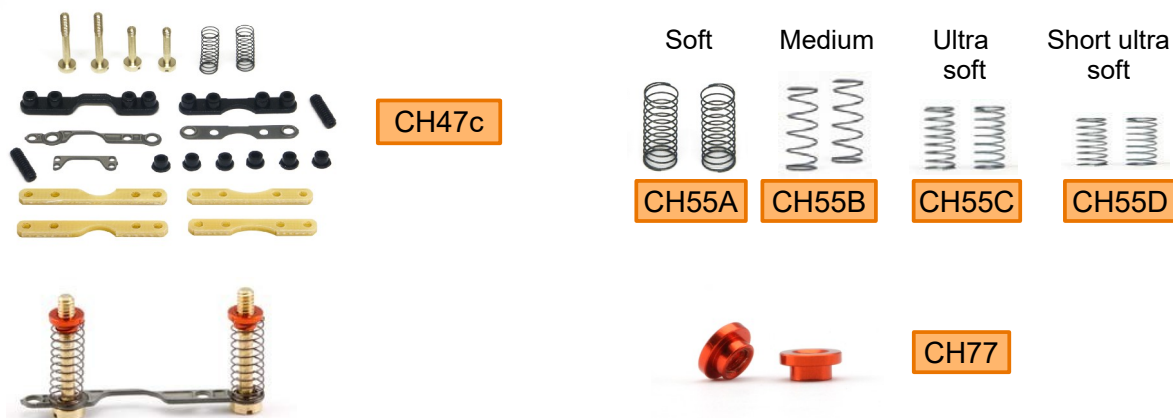
## 8. CROWNS

- 8.1 Slot.it coded inline crowns with bronze hub are homologated.
- 8.2 **EVO:** all Slot.it inline crowns are homologated. Modular crowns can only be used with the 5.5 mm sprocket hub, code GMF55. The number of spacers inside the crown is free.

## 9. SUSPENSIONS (EVO/EVO2 only)

- 9.1 Suspension can be installed on the side and/or rear.
- 9.2 **EVO2:** suspension can also be installed at the front.
- 9.3 It is permitted to install all and only the Slot.it coded components dedicated to suspensions, in any combination.
- 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 modified.

### Classic suspensions:



### Magnetic suspensions:

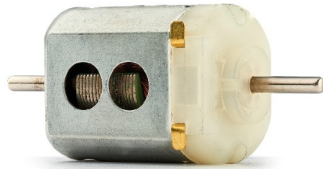


## 10. TYRES

- 10.1 The homologated rear tyres are PT1207, marked recognisably Slot.it. The compound (F22, P6b or G25) is defined according to race rules.
  - 10.1.1 Rear tyres may be provided by the organiser.
- 10.2 The homologated front tyres are PT15, PT19, PT1214S2, marked recognisably Slot.it.
- 10.3 It is not permitted to glue the tyres to the rims, nor to treat them with any liquid except that provided by the organisers.

## 11. MOTOR

- 11.1** The only homologated motor is: **MX15** Slot.it (21,000 Rpm - 150g\*cm @12V).
- 11.2** **EVO2:** the **MN09CH** Slot.it motor is allowed (20,500 Rpm - 200g\*cm @12V).
- 11.3** The sprocket must be 5.5 mm diameter brass, Z=9 or Z=10 as desired, Slot.it encoded.
- 11.4** The motor cannot be glued to the frame or secured with tape, but can be fastened with screws.
- 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.



MX15



PI09



PI10



MN09CH

## 12. LED & LIGHT KIT (optional)

- 12.1** The light kit must be the SP16c or SP44.
- 12.1.1** The installation position 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 allowed to replace 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 body weight is increased by 3.0g for the installation of the SP16c or SP44 light kit.



SP16c



### 13. WASHERS, SPACERS, SCREWS, GRUB SCREWS

- 13.1** Washers and spacers are free, metallic. They are allowed where present in the box model and on the front and rear axles.
- 13.2** Screws and hex screws are free unless otherwise specified in the regulations.
- 13.3 EVO:** The use of the 'plastic counter plugs' code CH72 or of the vetronite bars code CH127 at the engine frame bolts is permitted. Vetronite bars can also be found in the suspension kit code CH47c.



CH72



CH127

### 13. PICK-UP

- 14.1** All Slot.it coded pick-ups are allowed, with the exception of LMP pick-ups. Some examples below.
- 14.2** The blade can be modified.
- 14.3** The use of a grub screw in the hub of CH26 and CH66 is permitted.
- 14.4** Only black plastic pick-ups are allowed.



CH10



CH26



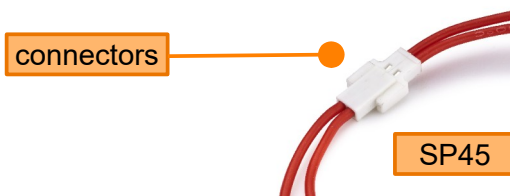
CH66



CH85/85d

### 15. BRAIDS, CABLES, EYELETS

- 15.1** Contact braids, power cables, eyelets and the type of connection between the power cables, the 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, free type, must still terminate with Slot.it connectors, code SP45.



SP45

## 16. MAGNETS

- 16.1** The use of magnets is not permitted with the exception of those for the magnetic suspensions, correctly installed (unless otherwise specified locally).

## 17. BALLAST (EVO/EVO2 only)

- 17.1** It is permitted to weight the chassis with ballast type SP24 and SP25.  
**17.2** It is permissible to weigh down the motor mount, with ballast type SP23 in the prepared seats and SP24 in the free position.  
**17.3** The weights must not protrude from the perimeter of the frame and may have no function other than as ballast.



SP23



SP24



SP25

| Revision Matrix |            |        |                        |
|-----------------|------------|--------|------------------------|
| Revision        | Date       | Status | Modifications          |
| 1.0             | 11/07/2025 | Active | First revision of 2025 |