



Slot it European Championship Revision 2014.1

Preamble

- I. This regulation is the comprehensive list of requirements for compliance of the car models entitled to race the Slot it LMP European Championship.
- II. The term "Box Stock " means the condition of the a model, or a spare component for its intended use, as in the original packaging.
- III. All the models and the Slot it coded spare parts must comply with the Box Stock condition
- IV. Any changes, replacement or omission with respect to the Stock Box configuration is legal only if explicitly called by this Regulation.
- V. The "Slot Car Accessories in 1/32 scale" catalogue is the only reference for all legal codes.
- VI. The catalogue is published in the "Download" section at the link:

http://www.slot.it/immagini/KitPart/SPARE_PARTS_album/index.html

1. Models

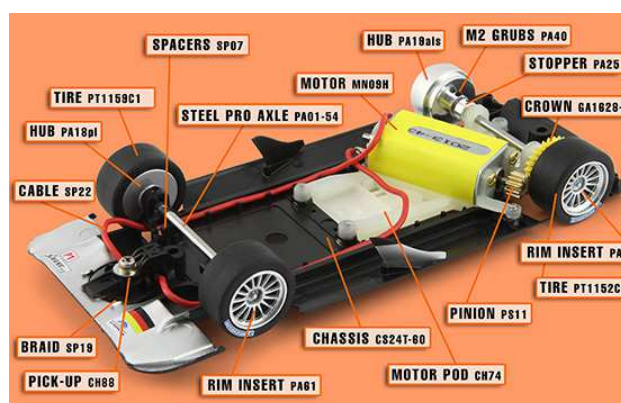
- 1.1. The eligible models are the Lola B09/60 and Audi R18 TDI



LOLA B09/60 - 10/60 - 11/80
Box Stock table is for reference only



Audi R18 TDI
Box Stock table is for reference only



- 1.2. The maximum width , measured at the tire, must not exceed the width of the body at the respective wheel arch.
- 1.3. The chassis minimum ground clearance measured at the front axle location is 0,1 mm.
- 1.4. The chassis minimum ground clearance measured at the rear axle location is 2,2 mm. For the purpose of reading this dimension, unworn race tires must be installed on hubs; the suspension, if installed, may be uncompressed and the screws fastening the motor mount to the chassis may be fully tightened

- 1.5. The lower surfaces of the chassis, the motor mount and the motor must lie on the same plane.
- 1.6. The tolerance of co-planarity of the three elements must not exceed 0.3 mm.
- 1.7. Screws may be not fully tightened.
- 1.8. Only side central screws fastening the motor mount to the chassis may be omitted

2. Body

2.1. The minimum weight of bodies , including all modifications, omissions and replacements, excluding the mounting screws to the chassis is listed below. The table also includes the minimum weight if the Light Kit is installed

2.1.1. The Body minimum weight is the summation of Body only and the installed Light kit / components.

Table of Body and light kit components weight .

Model	Body Only Min (g.)	Light Kit / Components (g.)			
		Full Kit SP 16	Capacitor	Led & Wires	Chip
Lola LMP	15,5	+3,0	+1,0	+1,5	+0,5
Audi R18 TDI	16,0				

2.2. The maximum weight is the Min. Weight + 3,0 g .

2.3. The Lola and Audi in line bodies are legal

3. Body Modifications

- 3.1. The minimum weight must be respected in all circumstances
- 3.2. The painting of bodies is mandatory and must cover only the outer surface .
- 3.3. The pilot must be painted
- 3.4. The rear wing can be painted , decorated or bare
- 3.5. Clear painting on bare plastic is illegal
- 3.6. Clear parts must remain unpainted.
- 3.7. Is legal to drill the body and remove the lights for the installation of the light kit LED
- 3.8. It is legal to use the "Crash proof" components dedicated to the single model .
- 3.9. The Slot it coded transparent replacement parts are legal
- 3.10. The nuts CH72 for connecting the chassis to the motor mount are legal only at the two rear attachments
- 3.11. It is legal to reinforce the rear wing attachments using resin and or tape provided that the shape of the bodywork is not modified.
- 3.12. The reinforcement must not affect the upper part of the rear wing .
- 3.13. It is legal to reinforce the base and the upper end of the pylons connecting the bodywork to the chassis with the addition of a plastic pipe or resin.
- 3.14. It is legal to remove: windshield wipers and antennas provided that the minimum weight is observed

4. Chassis

- 4.1. The Box Stock chassis is assumed to be flat between the two lateral oblique sides.
- 4.2. The maximum width of the slots for of the fastening screws of the chassis to the bodywork is 2.6 mm. The dimension includes washer.
- 4.3. M2 free type grub screws may be used in the default recesses for both the front axle and the body height adjustment.
- 4.4. SP07 supports may be omitted
- 4.5. The name of the Team/pilot must be marked on the bottom of the chassis

5. Chassis Modifications

- 5.1. The triangular filler and their locating pins on the chassis may be removed
- 5.2. The two caps on the side of the screw receptacles EVO 6 chassis may be removed
- 5.3. It is legal to break sharp edges
- 5.4. The maximum gap between the outer perimeter of the chassis and the lower edge of the body is 1.0 mm .
- 5.5. The SP07 supports are optional and can be glued at their default locations
- 5.6. The front axle plastic "C" bushings may be removed and/or replaced by any Slot it coded spherical bushing.
- 5.7. The upper side of the chassis back of the rear tires may be reinforced
- 5.8. The forward receptacle of the screw fastening the body may be reinforced

6. Motor Mount

- 6.1. The legal Motor Mount is the Slot it coded CH74 angle winder, offset 1.0 , 6 holding points
- 6.2. All Slot it coded Spherical bushings are legal
- 6.3. The bushings must not be glued.
- 6.4. The motor centring gasket must not be glued to the motor mount .

7. Crown Gears

- 7.1. All Slot it coded anglewinder crowns , both plastic and aluminium, are legal

8. Pinion

- 8.1. All Slot it coded pinions 11 &12 teeth, diameter 6.5 mm are legal

9. Axles

- 9.1. All Slot it coded axles are legal
- 9.2. The PA39 front axle for independent wheels can be used provided that one hub is held in place by the eyelet and the other by a grub screw

10. Hubs

- 10.1. All Slot it coded 17,3 mm diameter metal hubs are legal.
 - 10.1.1. Hubs PA18 and, PA19 plastic are legal at the forward axle only.
- 10.2. All Slot it coded hub inserts suited for 17.3 mm diameter hubs are legal

11. Tires

- 11.1. The default Slot it code of the rear tires entitled to the Championship is PT1207F22 The code may be alternatively defined by the race organisation.
- 11.2. The front tires minimum diameter installed on the hubs is 18,0 mm and must be homogeneous on the tire width
- 11.3. The Slot it coded PT 19 tires are legal at the forward hubs only
- 11.4. Tires must not be glued to hubs

11.5. The surface of tires must not be handled or modified using any other liquid unless those provided by the race organisation.

11.6.

12. Motor

12.1. The only legal motor is the Slot it coded MN13CH

12.2. The motor must be installed in the lower position in the motor mount and the case opening must face down.

12.3. The motor can be held in place uniquely by two screws, like in the BS condition

12.4. The screws can be glued to the motor mount.

12.5. It is legal to cover the case opening with tape or other component not exceeding the dimensions of the upper face of the motor

12.6. It is not legal to perform any manoeuvre that may modify the performance, including the break-in and the use of any type of liquid.

13. Light Kit

13.1. The legal lighting kits are the Slot it codes SP16 and SP16c

13.1.1. The components of the light kit can be separated and each subcomponent can be freely installed on the Body and / or Chassis and/or Motor Mount.

13.2. Wires may be replaced.

13.3. It is legal to use connectors along the wires

13.4. Wires must not protrude outside of the model.

13.5. It is legal to install a switch inside the model for lighting the led on and off

14. Screws, Washers, Stopper, Nuts and Spacers

14.1. Screws, washers, nuts and spacers must be metallic and are free type

14.2. It is legal to use extra washers at the following positions only:

14.3. Front axle, between the chassis and the hub.

14.4. Rear axle, between the stopper and the motor mount, between the crown and the motor mount and under the screws' head

14.5. All Slot it coded Stoppers are legal

15. Suspension

15.1. All Slot it coded suspension kits and dedicated spare parts are legal

15.2. Slot it coded replacement springs, magnets and screws are legal

15.2.1. Springs may be cut in length.

15.2.2. Springs may be replaced or supplemented with dampening material (e.g. sponge, foam rubber).

15.3. It is legal to use any full or partial combination of the suspension kit components and replacements parts

16. Pick up, Braids and Wires

16.1. All Slot it coded pick up uniquely dedicated to the LMP models are legal

16.2. Braids and wires are free type

16.3. It is legal to thin the pick-up blade

16.4. The type of connection of the power wires to the pick up and braids is free

16.5. It is legal to use connectors along the power cables.

17. ballast

17.1. The ballast code SP23 installed in the default receptacles only is legal.

18. Magnets

18.1. Magnets must not be present except the suspension magnets used for the intended use

Appendix LMP Ancillary Rules

- a. Audi rear led shall be installed at the back of the model in the area under the rear fins.
- b. The motors will be awarded to the a team/driver by draw.
- c. The motor installation on the models shall be performed under the “parc fermé” mode
- d. The liquids usable on the mechanical components are uniquely the ones handed out by the race organisation

The Liquids or any other means for cleaning tires are uniquely the ones handed out by the race organisation.

- e. The chassis and / or the motor chassis failing conformity, will be withdrawn by the organization and a Box Stock chassis will be handed out
- f. The repair and / or replacement of aileron , if present, shall be ruled by the race procedures
- g. The list and quantity of spare parts shall be ruled by the race procedures
- h. The penalties in respect of infringements of this Regulation shall be ruled by the race procedures

Revision Matrix			
Revision	Release Date	Status	Changes
2014.1	10/2/2014	Active	First release



Slot it European Championship Revision 2014.1 Addendums

Preamble

- I. Addendums are active in conjunction with the Slot it European Championship, Revision 2014.1.
- II. The Added paragraphs replace the homologue numbers of the Technical Rules revision 2014.1.
- III. The catalogue of the Slot it coded components is published in the "Download" section of the Slot it Web site at the link:
http://www.slot.it/immagini/KitPart/SPARE_PARTS_album/index.html

Addendum 01

6. Motor Mount

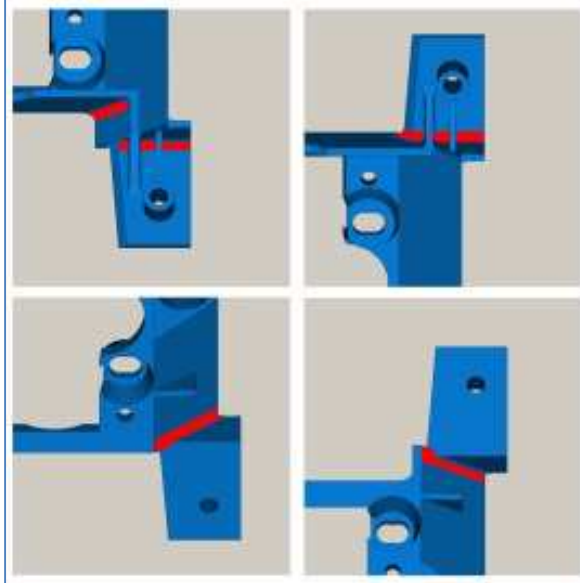
6.1. The legal motor mounts are:

- CH74 angle winder, offset 1.0, 6 holding points, box stock 'medium'
- CH82 angle winder, offset 1.0, 6 holding points, 'hard'
- CH30 angle winder, offset 1.0, 4 holding points, 'hard'

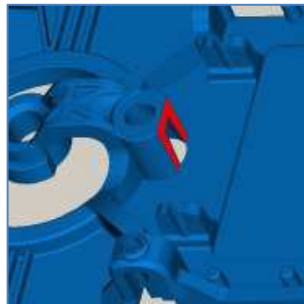
Addendum 02

5. Chassis Modifications

- 5.7. The upper and lower sides of the chassis, back of the rear tyres, may be reinforced but limited at the shown locations using resin or glue only.



- 5.8. The forward receptacle of the chassis to body mounting screw may be reinforced using resin or other filling material at the shown location.



Addendum 03

13. Light Kit

- 13.6. LEDs can be replaced with other LEDs
 - 13.6.1. Front led must be white or yellow and the colour scheme must be symmetrical
 - 13.6.2. Rear LEDs must be red
- 13.7. Up to two front LEDs each side can be installed consistently with the position and number of the box stock model lights.

Revision Matrix			
Revision	Release Date	Status	Changes
2014.1 Addendum 01	5/5/2014	Active	First release
2014.1 Addendum 02	6/5/2014	Active	First release
2014.1 Addendum 03	5/6/2014	Active	First release