

Scaleauto Hypercar - Technical Rules

1. Cars

Alpine A424



BMW



Cadillac



Ferrari 499 (arriving September)



Lamborghini SC63



Peugeot 9X8



Porsche 963



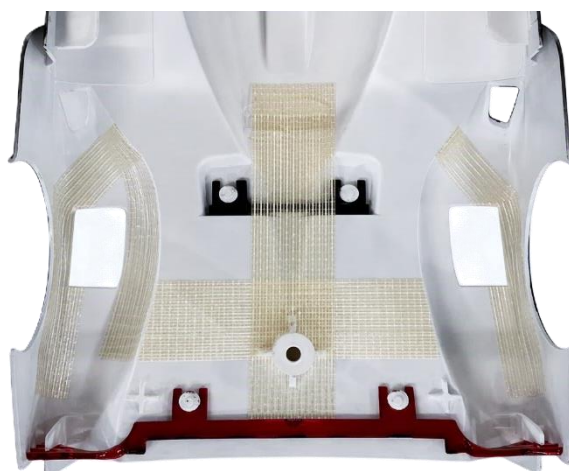
2. Body

- 2.1 Must be original in all its parts and cannot be modified, however a light sanding to the internal body edges along the chassis line is permitted to allow body float
- 2.2 Must be fixed to the chassis by all its body mounting screws
- 2.3 Body posts cannot be modified in any way, but can be reinforced with body post sleeves
- 2.4 Body cannot be lowered or lightened
- 2.5 Upon scrutineering the body must be complete in all its parts including rear wing, lenses, glass, body panels; - excluding the following as it can break off during practice: side mirrors, tow hooks & aerials
- 2.6 Damaged/poor condition bodies will not be accepted
- 2.7 White kits;
 - a) the body must be painted in race livery
 - b) the supplied interior must be painted and fitted
 - c) minimum of 3 x race numbers must be placed on the body, (both sides & bonnet or roof)
- 2.8 Reinforcing body permitted using fibre-reinforced strapping tape or similar to high stress areas to strengthen the body, especially in high impact areas

Front

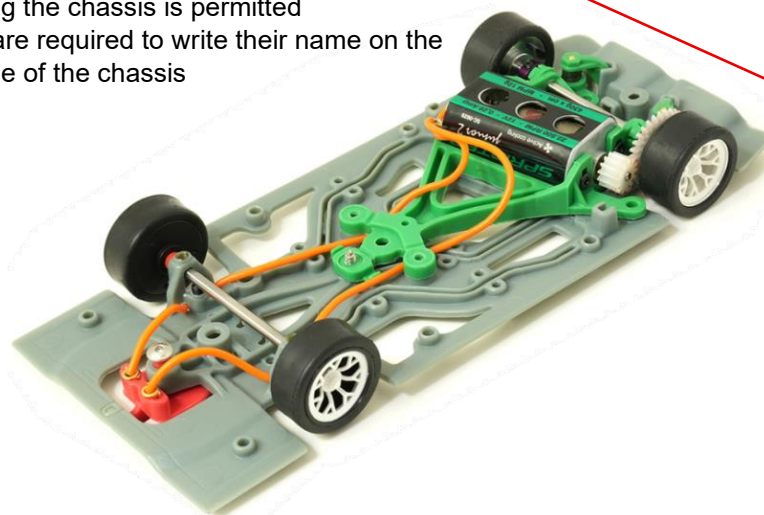


Rear



3. Chassis

- 3.1 Box standard PRO in-flex RT4 soft grey chassis only for each model
- 3.2 Complete chassis must have a minimum clearance of 1mm, (Ref: 11.1) measured from the lowest part of the chassis
- 3.3 Chassis cannot be altered in any way, including cutting away any of the connections between the inner and outer chassis
- 3.4 Deburring the chassis is permitted
- 3.5 Drivers are required to write their name on the underside of the chassis



4. Motor Mount

- 4.1 Configuration – Anglewinder
- 4.2 Box standard motor mount RT4 Offset 0.75 only
- 4.3 Deburring motor mount edges – permitted
- 4.4 The seven fixing points cannot be altered in any way
- 4.5 It is permitted to use three to seven fixing points
- 4.6 Filing motor holders to lower motors - NOT permitted
- 4.7 Tape across the motor mount – NOT permitted



SC6529B

5. Suspension

- 5.1 Box standard suspension must be fitted SC5128A
 - install only on the motor mount
 - rear only intended two points
 - side and front fixing points not permitted
- 5.2 Magnet Suspension NOT permitted



6. Axles, Bushings & Spacers

- 6.1 Solid stainless steel axles only (front and rear)
 - Hollow, Titanium or Carbon axles not permitted
- 6.2 Box standard Spheric Bushing SC1359 only
- 6.3 Axle spacers are permitted on both the front and rear axles
- 6.4 Box standard Axle Stopper SC1124R must be used on rear axle



(glueing of spherical bushings to motor pod is permitted)



SC1124R

7. Motor

- 7.1 Box standard Scaleauto SC0029b long can 22500rpm motor as supplied with car
- 7.2 The motor must be secured to the motor mount using motor screws, (glueing or bracing of motor in any form is not permitted)
- 7.3 Motors cannot be tampered with in any way
- 7.4 Motor must have full original wrapping



8. Gears

- 8.1 Box standard Anglewinder spur gear SC1160R only
- 8.2 Box standard Polyamide Sidewinder Pinion SC1013 only
- 8.3 Gluing pinion to motor shaft is permitted



9. Front Wheels/Tyres

- 9.1 Box standard plastic wheels or as a no cost option the original rear wheels can be used as front wheels
- 9.2 Original inserts must be used on front wheels
- 9.3 Gluing of plastic front wheel to axle permitted
- 9.4 Any low grip front rubber tyre is permitted
- 9.5 Gluing and truing the tyres is permitted
- 9.6 Tyres must completely cover the wheel.
- 9.7 Coating front tyres with additives (nail polish, super glue etc) to minimise grip is permitted
- 9.8 Chamfering or stepping – permitted (recommended)



10. Rear Wheels/Tyres

- 10.1 Scaleauto SC2007 foam tyres will be issued by Slot Shop on the day of event (one pair per racer)
- 10.2 Issued tyres/wheels are marked and must be used - no exceptions
- 10.3 Rounding the outer edge of the tyre - permitted
- 10.4 Coating the rear tyres with additives is **STRICTLY PROHIBITED**
- 10.5 Wheels cannot protrude outside body, refer to images below



11. General Measurements

- 11.1 Minimum clearance ● 1mm measured off flat set-up board, during scrutineering process before start of race



12. Guides

- 12.1 Box standard guide SC1608B or SC1607 only
12.2 Thinning of guide blade is permitted
12.3 Any pick-up guide spacers or springs are permitted



13. Cables / Braid

- 13.1 Box standard SC-1650 or Sloting Plus SP107041 orange Lead Wire
13.2 Cables can be attached to the chassis with adhesive tape or glue
13.3 Any copper or tinned braid
13.4 Any eyelets or grub screws



14. Screws

- 14.1 Body screws - ANY
14.2 Tape or blue tac is required over all chassis screws to prevent loose screws onto the track
14.3 Set /Grub screws – ANY

15. Weight

- 15.1 Tungsten or lead ballast - PERMITTED
15.2 Total max car weight = 100 grams
15.3 Weight on underside of chassis – NOT PERMITTED

16. Magnets

- 16.1 PERMITTED - (track braid is non-magnetic), can be used as weight

17. Lights

17.1 Optional, not required

18. Rear Wing

18.1 Additional support (not excessive) may be added, i.e.: sponge, hot glue, double sided tape to prevent the wing from dislodging from the body

Example below;



*Anything not specified is **NOT ALLOWED**, if you are unsure, please ask!*