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Chassis

The HRS chassis is a fully configurable, universal plastic chassis for slot cars. It comprises four main parts: main chassis, front chassis, motor mount, and body mounting means.

**ADJUSTABLE WHEELBASE**
The front chassis can be positioned freely within a wheelbase between 64 and 90 mm.

**SELECTABLE FRONT AXLE POSITION**
The front axle can be placed in one of two possible positions, one of which completely adjustable, making it easy to adjust the distance from the pickup.

**FLEXIBLE ASSEMBLY SYSTEM**
The chassis and the body can be joined with either four mounting posts and cups (HRS1 style), two three-posts sidebars, or, on some cars, where possible, with the car’s own screw holes.

---

**Ready to run**

CH109c
**Inline HRS2**
Ready to run HRS2 chassis
OFFSET 0.5 mm

CH31d
**Sidewinder HRS2**
Ready to run HRS2 chassis
OFFSET 0.5 mm

CH32c
**Anglewinder HRS2**
Ready to run HRS2 chassis
OFFSET 1.0 mm

---
CH33b
**Sidewinder HRS2**
Chassis starter kit
OFFSET: 0.5 mm

CH34b
**Inline HRS2**
Chassis starter kit
OFFSET: 0.0 mm

CH35
**Anglewinder HRS2**
Chassis starter kit
OFFSET: 0.0 mm
Spare parts

**CH36**

**Chassis-to-body HRS2**  
connecting cups and spare parts

**CH37**

**Main Inline/ Sidewinder HRS2**  
Chassis

**CH38**

**Main Anglewinder HRS2**  
Chassis

**CH57b**

**Body-to-chassis HRS2** adapter

- Support to be glued on body
- Metric screws for tilting regulation
- Support for screws regulation
- Grub screws for body alignment and height regulation
- 8/10 mm grub screws for body-to-chassis distance regulation
HRS 2 Spare parts

CH42
Chassis-to-body HRS2 connecting cups - (4x + 2x)

CH20
HRS Body to chassis adaptor cups - (4x)

CH50
SCX digital adapter for HRS2 chassis

DOWNLOAD CH50 instructions from www.slot.it
LMP Pickups

CH88b
LMP screw racing pickup rev. C Standard Slot.it LMP models

CH111
LMP screw racing pickup for 4WD system

CH112
LMP screw racing pickup for wooden track

CH84b
LMP screw pickup for wooden track

Cable/Braids/Terminals

SP37
LMP pre-cut brass tabs for pickup

SP22b
Silicon cable high flexibility (1m)

SP29
LMP copper braid - (8x)

SP04
Brass terminal ø 1.5 L4 mm (10x) motor cable and independent front wheels axle

SP17
Brass terminals ø 1.6 L5 mm (10x)

SP19
Copper braid (1m)

SP18
Tin plated copper braid (1m)
Pickups

- **CH66**
  - **Clip racing pickup rev. B**
  - Standard Slot.it models

- **CH26**
  - **Clip racing pickup**
  - Old standard Slot.it models

- **CH10**
  - **Screw universal Pickup**

- **CH07**
  - **Screw pickup for wooden track**

- **CH85**
  - **Screw racing pickup**
  - for standard Slot.it models

- **CH17**
  - **Clip short shaft pickup**

- **CH06**
  - **Clip long shaft pickup**

Chassis spares

- **SP07**
  - **Interchangeable spacers**
  - for front axle regulation (2+2+2+2)

- **CH79**
  - **Chassis common parts**

- **CH72**
  - **Plastic retainer nuts (6x)**

  USE WITH CH51 SCREWS
Motor configuration

The Slot.it motor mounts allow easy installation of short and long can type motors configured as inline, sidewinder, or anglewinder. The ‘offset’ concept enables upward displacement of the rear shaft with regards to the bottom plane of the chassis and to the motor drive shaft, thus lowering the stance of the back of the car, to fine tune the ground clearance depending on type of track, wheels, tyres and motor, and desired model behaviour.

‘Offset’ is the vertical displacement, in mm, between the centres of the rear axle and the motor shaft.

A further advantage of the ‘Offset’ principle is that the rear wheel can be properly positioned, vertically, inside the wheel arch of the bodywork.

In the ‘0.0’ versions the motor shaft and the rear axle lie on the same plane, whereas in the ‘offset’ versions, unique to Slot.it, the rear axle is offset upwards, thus lowering the center of gravity of the car and increasing the magnetic traction which either the car magnet or the motor exert on the track.

Available offset motor mounts range from 0.0 to 1mm, depending on the selected motor mount type.

Another unique feature of the Slot.it motor mount are the self-aligning gimbal bushings.

Traditional cylindric bushings cannot compensate for chassis torsion and bad alignment; Slot.it spherical bushing self adjust themselves to guarantee the minimum possible friction and can be made with optimal tolerances to eliminate excessive play.

<table>
<thead>
<tr>
<th>OFFSET (mm)</th>
<th>h (mm)</th>
<th>ITEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>7.5</td>
<td>CH13c, CH48, CH34b</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CH61, CH76, KK11, CH35</td>
</tr>
<tr>
<td>0.5</td>
<td>8.0</td>
<td>CH31c, CH33b, CH60b</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CH67, CH70, CH75, KK13b</td>
</tr>
<tr>
<td>0.75</td>
<td>8.25</td>
<td>CH68, CH69</td>
</tr>
<tr>
<td>1.0</td>
<td>8.5</td>
<td>CH24b, CH32c, CH49b, CH65</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CH74, CH82, KK10b, KK12b</td>
</tr>
<tr>
<td></td>
<td></td>
<td>KK14c, KK16, CH115</td>
</tr>
</tbody>
</table>
Motor mounts
Box Stock Slot.it models

Group C
CH70
Group C
Slot.it models (2012 - 20xx)
OFFSET 0.5 mm

GT - LMP
CH74
GT - LMP
Slot.it models (2012 - 20xx)
OFFSET 1.0 mm

Classic
CH67
Classic
Slot.it models (2011 - 20xx)
OFFSET 0.5 mm

Classic DTM
CH110
Classic DTM
Slot.it models (2016 - 20xx)
OFFSET 0.5 mm
Motor mounts
OFFSET 0.0 mm

- CH61
  *Anglewinder* for Boxer / Flat-6 motors
  EVO6
  HARD

- CH76
  *Anglewinder* for Boxer / Flat-6 motors
  EVO6
  MEDIUM

Motor mounts
OFFSET 0.5 mm

- CH60b
  *Anglewinder* for Boxer / Flat-6 motors
  EVO6
  HARD

- CH75
  *Anglewinder* for Boxer / Flat-6 motors
  EVO6
  MEDIUM

- CH13c
  **Group C** Slot.it models (2003 - 2012)

- CH48b
  **Long inline** for Boxer/Flat motors

- CH110
  **Classic DTM** Slot.it models (2016 - 20xx)
  BOX STOCK PART
  SEE PAGE 19

- CH114
  **Long inline** for Boxer/Flat motors
**Motor mounts**

**OFFSET 0.5 mm**

CH67
Sidewinder for V12 motors

CH70
Group C Slot.it models (2012 - 20xx)

**OFFSET 0.75 mm**

CH68
Sidewinder for V12 motors

CH69
Sidewinder for V12 motors

**OFFSET 1.0 mm**

CH65
Sidewinder for V12 motors

CH115
Sidewinder for V12 motors - bearing version
To use in conjunction with CH105 bearings

CH49b
Long inline for Boxer/Flat motors

CH24b
GT Slot.it models (2004 - 2011)
### Motor mounts

#### Conversion Kit OFFSET 0.0 mm

**CH74**
**GT - LMP** Slot.it models (2012 - 20xx)

**EVO6**
**MEDIUM**

**CH82**
**Anglewinder** for Boxer / Flat-6 motors

**EVO6**
**HARD**

#### Conversion Kit OFFSET 0.5 mm

**KK13b**
**Sidewinder** Conversion Kit
Z34 Ø 18 SW Crowns + Z11 Ø 6.5mm Pinion

**EVO6**

#### Conversion Kit OFFSET 1.0 mm

**KK11**
**Anglewinder** Conversion Kit
Z30 AW Crowns + Z11 Ø 6.5 mm Pinion

**EVO6**

**KK12b**
**Sidewinder** Offset Conversion Kit
Z34 Ø18 SW Crowns + Z11 Ø 6.5mm Pinion

**EVO6**

**KK14c**
**Flat Anglewinder Offset** Conversion Kit
Z25 Ø15 AW plastic Crown + Z11 Ø 6.5mm Pinion

**EVO6**

**KK16**
**Flat Anglewinder Offset PCR** Conversion Kit
Z28 Ø15 AW plastic Crown + Z11 Ø 6.5mm Pinion

**EVO6**
4WD System

- Front pulley and one-way bearing
- Front shaft bushing
- Tensioner
- Toothed Belt
- Rear pulley

CH107
Z16 pulley
for magnesium wheels

CH99
Z16 pulley
cyan - (2x)

CH100
Z17 pulley
black - (2x)

CH101
Z18 pulley
yellow - (2x)

CH102 > Z85
CH108 > Z94
CH113 > Z108
CH103 > Z110
CH104 > Z111

Toothed belt for 4WD system
PA72as
Assembled front plastic 4WD Ø15.8 x 8.2 wheels (2x)

PA73as
Assembled front plastic 4WD Ø16.5 x 8.2 wheels (2x)

PA74as
Assembled front plastic 4WD Ø17.3 x 8.2 wheels (2x)

PA72
Ø15.8 mm front plastic wheels (2x)

PA73
Ø16.5 mm front plastic wheels (2x)

PA74
Ø17.3 mm front plastic wheels (2x)

PA69
Ø17.3 mm kit wheel inserts for 4WD wheels

CH105
Flanged bearings for tensioner and for Policar F1 (2x)

CH94
0.08mm spacers for 4WD wheels (6x)

CH96
Bearings for 4WD front wheels (2x)

CH98
Snap rings for 4WD front wheels (10x)

CH97
Tensioner, flanges and spacers

CH95
Hubs for 4WD front wheels (2x)
The Slot.it motors come in three different shapes: traditional V12 type, longer ‘Boxer’ type, or Slot.it’s own ‘Flat-6’.

‘Inline’ means the motor axle is perpendicular to the rear axle. An ‘inline’ motor can be either ‘endbell inline’ or ‘can inline’ if the pinion is either mounted near the plastic endbell, or on the other end of the motor, the metal can.

‘Sidewinder’ means that the motor runs parallel to the rear axle, i.e. transversely, and the pinion side discriminates between a ‘endbell sidewinder’ or a ‘can sidewinder’ like it does for inline motors.

The V12 motors features a double axle, which makes it a universal motor upgrade for cars of most makers, be it endbell or can inline or sidewinder of both types.

Further, a special ‘RX’ adapter is available, to upgrade cars with such a ‘RX’ motor to a V12 one. The ‘Boxer’ type motors are an ideal upgrade for the bigger motors found on some slot cars. They can also be used as inline or ‘anglewinder’.

The FLAT-6 is a revolutionary new concept in slot car racing motors. It is a custom-built Slot.it motor designed both to be compatible with the existing Boxer/NC type motor pods, and to take advantage of a lower center of gravity when used in the special Slot.it motor pods, due to its ‘slim’ form, that also make it possible using it in anglewinder configuration under streamlined LMP racers like Slot.it’s Audi R8C, Lola LMP and Audi R18 TDI.

It comes with two magnet variants: standard, which is the strong magnet found in the V12/3 and Boxer/2, and Race ‘R’, with a custom built magnet to pack outstanding torque and braking in the motor’s flat case.
### Motors - Flat-6

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>MN09CH</td>
<td>Flat-6 GT/LMP</td>
<td>Slot.it models box stock 20.500 rpm - 200g(\text{cm}) @12V - different opening case</td>
</tr>
<tr>
<td>MN13CH</td>
<td>Flat-6S</td>
<td>22.500 rpm - 230g(\text{cm}) @12V - different opening case</td>
</tr>
<tr>
<td>MN14H</td>
<td>Flat-6RS</td>
<td>25.000 rpm - 240g(\text{cm}) @12V - asymmetric case openings</td>
</tr>
<tr>
<td>MN11H-2</td>
<td>Flat-6R</td>
<td>22.000 rpm - 220g(\text{cm}) @12V</td>
</tr>
</tbody>
</table>

### Motors - Boxer/V12

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>MN08CH</td>
<td>Boxer/2</td>
<td>21.500 rpm - 340g(\text{cm}) @12V - different opening case</td>
</tr>
<tr>
<td>MX15</td>
<td>V12/4 Classic DTM</td>
<td>Slot.it models box stock 21.000 rpm - 150g(\text{cm}) @12V</td>
</tr>
<tr>
<td>MX16</td>
<td>V12/4 Gr.C/Classic</td>
<td>Slot.it models box stock 23.000 rpm - 170g(\text{cm}) @12V</td>
</tr>
<tr>
<td>MX17</td>
<td>V12/4</td>
<td>29.000 rpm - 160g(\text{cm}) @12V</td>
</tr>
</tbody>
</table>

The Boxer/2 is the most powerful Slot.it motor.

<table>
<thead>
<tr>
<th>SP08</th>
<th>Adaptor V12</th>
<th>to RX shape motor</th>
</tr>
</thead>
</table>

GT RACING

High magnetic traction
## Pinions

**Ø 5.5 mm - Brass**

- **PI08**
  - Pinion 8 teeth (2x)

- **PI09**
  - Pinion 9 teeth (2x)

- **PI10**
  - Pinion 10 teeth (2x)

- **PI11**
  - Pinion 11 teeth (2x)

- **PIMX**
  - Pinion 8+9+10+11 teeth (4x)

**Ø 5.5 mm - Internal Ø 1.5mm**

- **PI559o15**
  - Pinion 9 teeth (2x)

- **PI5510o15**
  - Pinion 10 teeth (2x)

**Ø 6.5 mm - Brass**

- **PS10**
  - Pinion 10 teeth (2x)

- **PS11**
  - Pinion 11 teeth (2x)

- **PS12**
  - Pinion 12 teeth (2x)

- **PS13**
  - Pinion 13 teeth (2x)

- **PSMX**
  - Pinion 8+9+10+11 teeth (4x)

**Ø 6.5 mm - Ergal**

- **PI6510e**
  - Pinion 10 teeth (1x)

- **PI6511e**
  - Pinion 11 teeth (1x)

**Ø 6 mm - Internal Ø 1.5mm**

- **PI6010o15**
  - Pinion 10 teeth (2x)

- **PI6512e**
  - Pinion 10 teeth (1x)
**Pinions**

Ø 7 mm - Ergal

- PI7012e  
  Pinion 12 teeth (1x)

- PI7013e  
  Pinion 13 teeth (1x)

- PI7014e  
  Pinion 14 teeth (1x)

Possibly the best pinion in the world: 0.3 grams only, chemically hardened and Teflon coated

Ø 6 mm - Brass

- PI6010o  
  Pinion 10 teeth (2x)

- PI6011o  
  Pinion 11 teeth (2x)

Ø 6.75 mm - Brass

- PI6711o  
  Pinion 11 teeth (2x)

- PI6712o  
  Pinion 12 (2x)

**Extractor/Press**

The SLOT.IT extractor/press is made up of:

Main body [1] entirely made with anodized aluminium alloy designed to work with any slot electrical motor, from the most common short case to the more sophisticated, double long transmission shaft 4WD motors. The main face was laser marked with a millimetre scale to easily control the insertion of the pinion.

Counter bushing [6] made of brass which, before using the tool, must be screwed onto the lower inside part of the main body. The bushing has two very important functions:

- to centre the double shaft motor perfectly by means of the axle housing hole.
- to keep all those motors that are not equipped with the double shaft centred and, at the same time, safeguard the inner bush of those 'long can' motors motor that do not have an axle stub protruding from the can.

Special steel extraction plate [5] that fits in the relevant housing in the main body to extract the pinions. Besides being very resistant, this plate has a very thin eyelet located between the motor and the pinion: only 0.7 mm. This allows to extract also the pinions located very close to the motor case without causing any damage to it. Multifunction brass tool [2] which, depending on the operation to be performed, must be inserted in the main body with the plug (steel, interchangeable, Ø1.9mm in order not to damage the pinion hole) downwards, in case of the extractor, or the pinion housing downwards, in case of the press. The pinion housing for this element were designed to house pinions with a diameter ranging from 5.5mm to 7.5mm without damaging them. The steel plug [3] is locked into the brass tool by means of an M3 grub screw [4].

Advancement screw [7] on whose upper part there is an ergonomic plastic knob [8], while the lower part is suitable to couple perfectly with the tool bevel, reduce friction and allow the press to operate perpendicularly without clearance.
**Extractor/Press**

**SP27**
*Extraction plate* and counter bushing for SP20/SP21

**SP28**
*Multifunction* brass tool steel plug and M3 screw for SP21

**SP38**
*Steel plug*
Ø 1.3 mm for extractor SP21/SP31b (1x)

**SP30**
*Professional upgrade kit*
for extractor press SP20/SP21

**SP31b**
*Professional Mini Puller*
Anglewinder Gears

Ergal Anglewinder Gears

| GA1626e | 26 teeth | Ergal light Ø16 mm |
| GA1627e | 27 teeth | Ergal light Ø16 mm |
| GA1628e | 28 teeth | Ergal light Ø16 mm |
| GA1629e | 29 teeth | Ergal light Ø16 mm |
| GA24LH | 24 teeth | Ergal Ø15 mm |
| GA26LH | 26 teeth gear | Ergal Ø15 mm |

GA1833e | 33 teeth | Ergal light Ø18 mm |
| GA1834e | 34 teeth | Ergal light Ø18 mm |
| GA1835e | 35 teeth | Ergal light Ø18 mm |
| GA1836e | 36 teeth | Ergal light Ø18 mm |

Long Hub Anglewinder Gears

| REQUIRES Ø 6.75 mm PINIONS |
| GA24LH | 24 teeth | Ergal - Ø15 mm |
| GA26LH | 26 teeth gear | Ergal - Ø15 mm |

Anglewinder Gears

Ø15mm Plastic Anglewinder Gears

| REQUIRES Ø 7mm PINIONS |
| GA1524-Pl | 24 teeth for Flat Anglewinder |

| GA1525-Pl | 25 teeth for Flat Anglewinder |
| GA1526-Pl | 26 teeth for Flat Anglewinder |

All Gr.C and GT cars can be fitted with either a Boxer or a Flat-6 in angled position (“anglewinder”). LMP models (Lola, Audi R18, Audi R8C), can only be fitted with an angled Flat-6.

A spacer, whose thickness should be adjusted according to the displacement of motor and wheels shafts, should be placed between motor mount and crown.

Consider that Flat-6’s shaft lies 1.25mm lower than Boxer’s. As a rule of thumb, if the motor and wheel shafts are at the same height use 0 / 0.10mm spacer, increasing to 0.40mm all the way to 1.0 mm offset chassis with Flat-6 motor (in which case the displacement of shafts is 2.25mm): roughly, 0.17mm spacer every 1mm displacement.
## Anglewinder Gears

**Ø16 mm Plastic Anglewinder Gears**

- **GA1627-Pl**: 27 teeth, Aluminium + Plastic
- **GA1629-Pl**: 29 teeth, Aluminium + Plastic
- **GA1628-Pl**: 28 teeth, Aluminium + Plastic
- **GA1626-Pl**: 26 teeth, Aluminium + Plastic
- **GA1630-Pl**: 30 teeth, Aluminium + Plastic

### AVAILABLE GEAR RATIOS

<table>
<thead>
<tr>
<th>Gear Type</th>
<th>Pinions</th>
<th>Inline crowns</th>
<th>Sidewinder Ø18mm spur gears</th>
<th>SideWinder Ø19mm spur gears</th>
<th>Anglewinder Ø15mm gears</th>
<th>Anglewinder Ø16mm gears</th>
<th>Anglewinder long hub gears</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø5.5 mm Ø6.5 mm Ø6.75 mm Ø7 mm</td>
<td>8</td>
<td>23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38</td>
<td>24 25 26 27 28 29 30 31 32 33 34 35 36 37 38</td>
<td>24 25 26 27 28 29 30 31 32 33 34 35 36 37 38</td>
<td>24 25 26 27 28 29 30 31 32 33 34 35 36 37 38</td>
<td>24 25 26 27 28 29 30 31 32 33 34 35 36 37 38</td>
<td>24 25 26 27 28 29 30 31 32 33 34 35 36 37 38</td>
</tr>
</tbody>
</table>

- **Inline Crown**
  - G123/24/25/26/27/28/29/30 require CH13c/CH70/CH48/CH48b motor mount and brass 5.5mm pinions PI08/09/10/11
  - G024/25/26/27/28/29/30 require CH49b offset motor mounts and brass 5.5mm pinions PI08/09/10/11
- **18mm Spur Gear**
  - GS1831/32/33/34/35/36 require CH67/CH68/CH69 motor mounts and brass 6.5mm pinions PS10/11/12/13 or Ergal 6.5mm pinions PI6510E/6511E/6512E/6513E
  - GS1934/36/38 require CH65/CH67/CH68 motor mounts and 6mm pinions PI60110/60120.
- **19mm Spur Gear**
  - GS1831/32/33/34/35/36 require CH67/CH68/CH69 motor mounts and brass 6.5mm pinions PS10/11/12/13 or Ergal 6.5mm pinions PI6510E/6511E/6512E/6513E.
  - GS1934/36/38 require CH65/CH67/CH68 motor mounts and 6mm pinions PI60110/60120.
- **Anglewinder Ø16 Gears**
  - GA34/36 and GA1626E/1627E/1628E/1629E/1630E/1631E/1832E/1833E/1835E require CH61/60b/74/75/76/82 motor mounts and brass 6.5mm pinions PS10/11/12/13 or Ergal 6.5mm pinions PI6510E/6511E/6512E/6513E.
  - GA1626-P/1627-P/1628-P/1629-P/1630-P require brass 6mm pinions PI60110/60120 and 0.75mm spacer PA52. Otherwise require brass 6.5mm pinions PS10/11/12/13 or Ergal 6.5mm pinions PI6510E/6511E/6512E/6513E.
- **Anglewinder Long Hub Gears**
  - GA24LH/26LH require CH61/60b/74/75/76/82 motor mounts and brass 6.75mm pinions PI67110/67120.
  - GA1524-P/1525-P/1526-P require brass 6.5mm pinions PS10/11/12/13 and 1mm spacer PA51 or Ergal 6.5mm pinions PI6510E/6511E/6512E/6513E and 1mm spacer PA51.
  - GA1524-P/1525-P/1526-P require Ergal 7mm pinions PI7012E/7013E/7014E without spacers.
Starter Kit

- **KK01b**
  - Kit inline
  - Z28 crown
  - 15.8x8.2x1.5mm wheels

- **KK07c**
  - Kit inline
  - Z28 crown
  - 17.3x9.75x1.5mm wheels
  + 1mm spacers

- **KK08b**
  - Kit inline
  - Z27 crown
  - 15.8x8.2x2.5mm plastic wheels

- **KK06c**
  - Kit inline
  - Z24 crown + Z10 pinion
  - 14.4x11.5x1.5mm wheels (F1 type)

- **KK03c**
  - Kit inline
  - Z26 crown + Z9 pinion
  - 17.3x9.75x1.5mm wheels
  + 1mm spacers

- **KK17**
  - Kit inline
  - Z26 crown
  - 17.3x9.75mm wheels

Starter Kit

- **KK02b**
  - Kit sidewinder
  - Z36 Ø19 crown
  - 15.8x8.2x1.5mm wheels
  + 1mm spacers

- **KK04c**
  - Kit sidewinder
  - Z36 Ø19 crown
  - 17.3x9.75x1.5mm wheels
  + 1mm spacers

- **KK05b**
  - Kit sidewinder
  - Z34 Ø18 crown
  - 15.8x8.2x1.5mm wheels
  + 1mm spacers

- **KK15b**
  - Kit sidewinder
  - Z36 Ø19 crown
  - 17.3x8.2x1.5mm wheels
  + 1mm spacers

- **KK09d**
  - Kit anglewinder
  - Z32 crown + Z12 pinion
  - 17.3x9.75x1.5mm wheels

FOR NINCO

- **KK09d**
  - Kit anglewinder
  - Z32 crown + Z12 pinion
  - 17.3x9.75x1.5mm wheels
Wheels

Ø 14.3 x 8 mm

W14308015A ex PA33-Als
Al Ø14.3 x 8 x 1.5mm wheels, M2 grub - 1.2g (2x)

W14308015P ex WH1215-Pl
Pl Ø14.3 x 8 x 1.5mm wheels, M2 grub - 0.59g (4x)

Ø 14.4 x 11.5 mm

W14411515A ex PA20-Als
Al Ø14.4 x 11.5 x 1.5mm F1 wheels, M2 grub - 1.5g (2x)

W14411515M ex PA20-Mg
Mg Ø14.4 x 11.5 x 1.5mm F1 wheels, M2 grub - 1g (2x)

Ø 15.8 x 8.2 mm

W15808215A ex PA24-Alf
Al Ø15.8 x 8.2 x 1.5mm wheels, M2 grub - 1.1g (2x)

W15808215P ex WH1210-Pl
Pl Ø15.8 x 8.2 x 1.5mm wheels, M2 grub - 0.7g (4x)

W15808225A ex WH1050-Al
Al Ø15.8 x 8.2 x 2.5mm wheels, M2 grub - 1.4g (2x)

W15808225M ex PA17-Mg
Mg Ø15.8x8.2x2.5mm wheels, M2 grub - 1g (2x)

W15808225P ex WH1210-Pl
Pl Ø15.8x8.2x2.5mm wheels, M2 grub - 0.71g (4x)

W15810215A ex PA24-Als
Al Ø15.8 x 8.2 x 1.5mm wheels, double shoulder, M2 grub - 1.4g (2x)

W15810215M ex WH1183-Mg
Mg Ø15.8 x 8.2 x 1.5mm hollow wheels, M2 grub, 0.8g (2x)

W15810215P ex WH1184-Mg
Mg Ø15.8 x 8.2 x 1.5mm hollow wheels, M2 grub, 0.9g (2x)
Wheels

ø 16.5 x 8.2 mm

W16508215A ex PA43-Als
Al ø16.5 x 8.2 x 1.5mm
wheels, M2 grub, 1.5g (2x)

W16508215M ex WH1185-Mg
Mg ø16.5 x 8.2 x 1.5mm
hollow wheels, M2 grub, 0.75g (2x)

W16508225P ex PA43-Pl
Pl ø16.5 x 8.2 x 2.5mm
wheels, 0.76g - (4x)

ø 16.5 x 10.2 mm

W16510215M ex WH1186-Mg
Mg ø16.5 x 10.2 x 1.5mm
hollow wheels, M2 grub, 0.9g (2x)

ø 16.9 x 8.2 mm

W16908215M ex WH1288-Mg
Mg ø16.9 x 8.2 x 1.5mm
hollow wheels, M2 grub, 0.78g (2x)

ø 17.3 x 8.2 mm

W17308215A ex WH1110-Al
Al ø17.3 x 8.2 x 1.5mm
wheels, M2 grub, 1.6g (2x)

W17308215M ex WH1230-Mg
Mg ø17.3 x 8.2 x 1.5mm
hollow wheels, M2 grub, 0.8g (2x)

W17308205P ex WH1254-Pl
Pl ø17.3 x 8.2 x 0.5mm
wheels, 0.75g (4x)

W17308225P ex WH1071-Pl
Pl ø17.3 x 8.2 x 2.5mm
wheels, 0.8g (4x)

Ø 17.3 x 9.75 mm

W17309715A ex PA62-Als
Al ø17.3 x 9.75 x 1.5mm
wheels, M2 grub, 1.6g (2x)

W17309715M ex WH1231-Al
Mg ø17.3x9.75x1.5mm
hollow wheels, M2 grub, 0.9g (2x)
**Wheels**

Ø 17.3 x 10 mm

W17310005P ex WH1179-Pl
Pl Ø17.3 x 10 x 0.5mm
wheels, 0.85g (4x)

For Sponge Tyres

Compatible with Slot.it wheel inserts

W13609515A ex WH1211-Al
Ø13.6x9.5x1.5mm
wheels equivalent Ø15.8mm
M2 grub (2x)

W14209515A ex WH1190-Al
Ø14.2x9.5x1.5mm
wheels equivalent Ø16.5mm
M2 grub (2x)

W15009515A ex WH1212-Al
Ø13.6x9.5x1.5mm
wheels equivalent Ø17.3mm
M2 grub (2x)

PT1209SP30
SP30 compound
Sponge tyres
dwg 1209 (4x)

**Axel and Spacer**

PA01-45 – 45 mm
PA01-48 – 48 mm
PA01-51 – 51 mm  PA01-54 – 54 mm
Steel ProAxle turned ground, polished - 2.38 mm (3/32”) (2x)

PA01-51H – 51 mm
PA01-54H – 54 mm
Steel ProAxle turned ground, polished, hollow - 2.38 mm (3/32”) (2x)

PA01-48R – 48 mm
PA01-51R – 51 mm  PA01-54R – 54 mm
Steel ProAxle polished - 2.38 mm (3/32”) for sidewinder (2x)

PA39
Independent front wheels axle

PA57
Light Stopper for anglewinder setup Aluminium (2x)

PA25
Stopper for anglewinder setup Aluminium+teflon (1x)

PA51
Set of spacers for hubs 1mm thick (x10)

PA52
Set of spacers for hubs and bushings 0.6mm thick

PA47
Set of spacers for hubs and bushings 0.1 / 0.25mm thick
Plastic inserts

Classic '80s - Group C
(for Ø15.8mm and for Ø16.5mm wheels)

PA55
Plastic inserts BBS ‘80s
for Ø15.8mm (4x) Ø16.5mm (2x) wheels - Porsche 956/962 type

PA53
Plastic inserts
for Ø15.8mm (4x) Ø16.5mm (2x) wheels Lancia LC2-85 type

PA48
Plastic inserts
for Ø15.8mm (4x) Ø16.5mm (2x) wheels Toyota 88C type

PA65
Plastic inserts
for Ø15.8mm (2x) Ø16.5mm (2x) wheels Nissan R89C type

PA44
Plastic inserts
for Ø15.8mm wheels (4x) - Mazda 787B type

PA30
Plastic inserts
for Ø15.8mm wheels (4x) - Sauber C9 type

Plastic inserts

Classic '80s - Group C
(for Ø15.8mm and for Ø16.5mm wheels)

PA31
Plastic inserts
for Ø15.8mm wheels (4x) - Jaguar XJR type

PA34
Plastic inserts
for Ø15.8mm wheels (4x) - Lancia LC2-84 type

Pictures may show fully assembled wheels, but inserts are sold separately.
Plastic inserts
Modern GT/LMP
(for Ø15.8mm wheels)

PA03b - black
Plastic inserts BBS for Ø15.8mm wheels

PA03s - silver
Plastic inserts BBS for Ø15.8mm wheels

PA03g - gold
Plastic inserts BBS for Ø15.8mm wheels

Modern GT/LMP
(for Ø17.3mm wheels)

PA60
Plastic inserts BBS
for Ø17.3mm wheels (4x)
Porsche 911 GT1 - Lola B09 B10 B11 - Aston Martin type

PA61
Plastic inserts OZ
for Ø17.3mm wheels (4x) - Audi R18/R8 type

PA36
Plastic inserts OZ
for Ø17.3mm wheels (4x) - McLaren F1 GTR type

Pictures may show fully assembled wheels, but inserts are sold separately.
Plastic inserts

**Classic '70s** (for Ø14.3mm and for Ø15.8mm wheels)

PA63
**Plastic inserts**
for Ø15.8mm wheels (4x) - McLaren M8D type

PA64
**Plastic inserts**
for Ø15.8mm wheels (4x)
Matra-Simca MS670B type

PA41
**Plastic inserts**
for Ø15.8mm (4x) Ø14.3mm (2x)
wheels Alfa Romeo 33/3 type

PA45
**Plastic inserts**
for Ø15.8mm wheels (4x)
Chaparral 2E type

PA46
**Plastic inserts**
for Ø15.8mm wheels - (4+4)
Ford GT40 type

---

**Plastic inserts**

**F1** (for Ø14.4mm wheels)

PA13b
**Black**
**Plastic inserts BBS**
for Ø14.4mm wheels (4x) F1 type

PA13s
**Silver**
**Plastic inserts BBS**
for Ø14.4mm wheels (4x) F1 type

PA13g
**Gold**
**Plastic inserts BBS**
for Ø14.4mm wheels (4x) F1 type

---

**Classic DTM** (for Ø15.8mm wheels)

PA71
**Plastic inserts Speedline**
for Ø15.8mm wheels (4+2)
Alfa Romeo 155 V6 TI type

PA75
**Plastic inserts OZ**
for Ø15.8mm wheels (4+2)
Alfa Romeo 155 V6 TI type

PA77
**Plastic inserts BBS type**
for Ø15.8mm wheels (4+2)
Opel Calibra V6 type
Slot.it provides a comprehensive range of tires for the racer and the scale modeler alike.

### Tyres

- **Low profile front tyre**
- **High grip rear tyre**
- **Realistic tread rear tyre**
- **F1 rear tyre**

### Tyres Code/Dimensions

<table>
<thead>
<tr>
<th>Code</th>
<th>Tyres dimension (mm)</th>
<th>N18</th>
<th>N22</th>
<th>SP30</th>
<th>C1</th>
<th>S1</th>
<th>S2</th>
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<tbody>
<tr>
<td>PT19</td>
<td>14.3 x 8</td>
<td></td>
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<td></td>
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<td></td>
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<tr>
<td>PT25</td>
<td>14.4 x 11.5</td>
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<tr>
<td>PT34</td>
<td>15.8 x 8.2</td>
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<td></td>
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<tr>
<td>PT1088C1</td>
<td>16.9 x 8.2</td>
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<td>PT1228C1</td>
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### Dimension of Tyre after Assembly on Wheel

<table>
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<tr>
<th>Suggested use &gt;</th>
<th>Compound &gt;</th>
<th>Reference Code &gt;</th>
<th>= box stock</th>
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<tbody>
<tr>
<td>P6 E1 P6 Z0 Z1 S2 F15 F22 F30 N18 N22</td>
<td>PT23 PT1170E1 PT24 PT25 PT1207P6 PT07 PT19 PT2120C1</td>
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### Reference by Track – Compound – Tyres Code

<table>
<thead>
<tr>
<th>Ninco</th>
<th>Carrera</th>
<th>Front wheels only</th>
<th>Any</th>
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<tbody>
<tr>
<td>PT19</td>
<td>Z1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PT25</td>
<td>Z0</td>
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<td></td>
</tr>
<tr>
<td>PT34</td>
<td>C1</td>
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### Sponges Tyres

<table>
<thead>
<tr>
<th>Code</th>
<th>Tyres dimension (mm)</th>
<th>W13609515A</th>
<th>W14209515A</th>
<th>W15009515A</th>
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<tbody>
<tr>
<td>SP30</td>
<td>9.5 x 19.5</td>
<td>13.0</td>
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<td>15.0</td>
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### Reference by Wheels Dimension – Tyres Code/Dwg

<table>
<thead>
<tr>
<th>WHEELS</th>
<th>dim.(mm)</th>
<th>Code</th>
<th>Diameter</th>
<th>Equivalence</th>
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<tr>
<td>PT19</td>
<td>14.3 x 8</td>
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<tr>
<td>PT25</td>
<td>14.4 x 11.5</td>
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<tr>
<td>PT34</td>
<td>15.8 x 8.2</td>
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<tr>
<td>PT1088C1</td>
<td>16.9 x 8.2</td>
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<td>PT1214S2</td>
<td>17.3 x 8.2</td>
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<tr>
<td>PT1167C1</td>
<td>18.1 x 8.2</td>
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<td></td>
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<tr>
<td>PT1228C1</td>
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### Wheels for Sponge Tires (9.5 mm)

<table>
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<tr>
<th>Code</th>
<th>Diameter</th>
<th>Equivalence</th>
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<tr>
<td>W13609515A</td>
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<tr>
<td>W14209515A</td>
<td>14.2</td>
<td>16.5</td>
</tr>
<tr>
<td>W15009515A</td>
<td>15.0</td>
<td>17.0</td>
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### Bushings & Pulleys

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA02</td>
<td>Bronze bushings (2x)</td>
<td></td>
</tr>
<tr>
<td>PA12</td>
<td>Brass bushings old Carrera (2x)</td>
<td></td>
</tr>
<tr>
<td>PA68</td>
<td>Brass bushings for Carrera and Scalextric (4x)</td>
<td></td>
</tr>
<tr>
<td>CH56b</td>
<td>Bronze spherical bushings Standard Slot.it models (6x)</td>
<td></td>
</tr>
<tr>
<td>PA28</td>
<td>Aluminium pulley (2x)</td>
<td></td>
</tr>
<tr>
<td>PA32</td>
<td>Aluminium bushings Aluminium+Teflon (2x)</td>
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</tr>
<tr>
<td>PA11</td>
<td>Bronze bushings for Proslot (2x)</td>
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<tr>
<td>PA27</td>
<td>Bronze bushings Double side (4x)</td>
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</tr>
<tr>
<td>PA26</td>
<td>Plastic CNC machined pulley (2x)</td>
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</tr>
<tr>
<td>PA28</td>
<td>Aluminium pulley (2x)</td>
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### Suspensions

<table>
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<th>Description</th>
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<tbody>
<tr>
<td>CH47b</td>
<td>Spring suspension kit - for all type of motor mounts</td>
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### Magnets & Ballast

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
<th>Details</th>
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<tbody>
<tr>
<td>CN01</td>
<td>Neodimium magnet 25x8x2mm for Scalextric</td>
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<tr>
<td>CN02</td>
<td>Neodimium C shaped magnet 25x8x2.3mm for Scalextric</td>
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<tr>
<td>CN06</td>
<td>Neodimium standard magnet for motor mounts</td>
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<tr>
<td>CN07</td>
<td>Neodimium race magnet for motor mounts</td>
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<tr>
<td>SP23</td>
<td>Tungsten ballast motor mount shape 2.5g (1x)</td>
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<tr>
<td>SP25</td>
<td>Tungsten ballast putty 10g (1x)</td>
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<tr>
<td>SP24</td>
<td>Tungsten ballast cylinder 6.3x1mm, 0.58g (6x)</td>
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### Springs

<table>
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<th>Part</th>
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<tbody>
<tr>
<td>CH55A</td>
<td>Soft springs (8x)</td>
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<tr>
<td>CH55B</td>
<td>Medium springs (8x)</td>
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<tr>
<td>CH55C</td>
<td>Ultra soft springs (8x)</td>
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<tr>
<td>CH55D</td>
<td>Short ultra soft springs (8x)</td>
<td></td>
</tr>
<tr>
<td>CH77</td>
<td>Aluminium anodized end of run nuts (4x)</td>
<td></td>
</tr>
</tbody>
</table>
**Screwdrivers**

- **PA76**
  - Adjustable torque hex
  - M2 screwdriver

- **PA67c**
  - Adjustable torque Torx
  - T3 screwdriver

- **PA67b**
  - Adjustable torque hex
  - M2.5 screwdriver

- **PA06**
  - Hexagonal wrench
  - M2

**Screws**

- **PA58**
  - Hexagonal screws
  - M2 x 2mm (10x)

- **PA40**
  - Hexagonal screws
  - M2 x 3mm (10x)

- **PA37**
  - Hexagonal screws
  - for front axle setup
  - M2 x 6mm (10x)

- **PA50**
  - Hexagonal screws
  - M2 x 8mm (10x)

- **PA54**
  - Hexagonal screws
  - M2 x 10mm (10x)

- **PA66**
  - Torx screws
  - T3 x 3mm (10x)

- **CH51**
  - Metric screws
  - 2.2 x 8mm small head (10x)
  - Use for body or in conjunction with CH72

- **CH52**
  - Metric screws
  - 2.2x8mm big head (10x)

- **CH53**
  - Metric screws
  - 2.2x5.3mm small head (10x)

- **CH54**
  - Metric screws
  - 2.2x5.3mm big head (10x)

- **CH28**
  - Set of screws
  - for cars (8 short - 4 long)

- **CH106**
  - Set of screws
  - for motor mount (8x)

- **CH39**
  - Set of screws
  - for HRS2 chassis

- **CH08**
  - Set of screws
  - for HRS chassis

- **CH90**
  - Motor fixing screws
  - M2 x 4 mm titanium (4x)
<table>
<thead>
<tr>
<th>Model</th>
<th>Code</th>
<th>Chassis</th>
<th>Crashproof</th>
<th>Transparent</th>
<th>Cockpit Plastic</th>
<th>White Kit</th>
<th>Body Kit</th>
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<tbody>
<tr>
<td>Alfa Romeo 156 V6 Ti (1993/94)</td>
<td>CA35</td>
<td>CS35t-60</td>
<td>CS35p</td>
<td>CS35v / CS35vlx</td>
<td>CS35lx</td>
<td>CA35z</td>
<td>CS35b</td>
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<td>CS24t-60c</td>
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<td>CS24lx</td>
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<td>CS24lx</td>
<td>CH91/CS24b2</td>
<td>CS24b1/CS24b2</td>
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<td>CS12l</td>
<td>CS12b</td>
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Lighting kit

SP11
Lighting kit
2 white front + 2 rear red lights module

SP42
Leds and cables
for lighting kits SP06 and SP16c

SP16c
Universal lighting kit
for analogic, SSD Slot.it cars and oXigen

SP26
Switch and mixed electronic parts
for lighting kits SP06 and SP16c

Scalextric PCR

PCR - Pro Chassis Ready - is the brand new concept from Scalextric that allows racers to install and run Slot.it performance racing parts in Scalextric models. Each Pro Chassis Ready car can use a special underpan to quickly and easily install most Slot.it motor mounts, motors, and performance parts to create the ultimate Scalextric car!

Guide
Hard wired Guide-Blade.

Front Axle
Adjustable Front Axle allows you to set the running height of your car.

Motor Carrier
Motor carrier is fully adjustable to provide body roll and suspension effect. Choose from in-line, angle winder (as illustrated) or sidewinder.

Motor
Changeable motor type – Boxer, Flat-6 or V12, dependant on your racing needs.

Gearing
Choose from a versatile range of motor pinions, spur or crown gears.

Wheels and Tyres
Choice of aluminium and plastic wheel hubs – designed for racing!
Choice of Tyre compound for superior grip.

Rear Axle
Select from a range of individual axles, bearings and spacers components or all-in-one kits!

Scalextric
In 1957 Mr. Freddie Francis showed Scalextric (“Scalex” plus “electric”) cars at the annual Harrogate Toy Fair and thus slot car racing was born. Ever since, Scalextric has been synonym for slot cars, racing, and fun for generations of kids and grown-ups alike.
Tune up your model with Slot.it parts and motor mounts!
Slot.it 3D printed chassis and parts are designed to fit under existing models made by other manufacturers.

By replacing the original chassis with a Slot.it 3D printed one, your slot car performance moves to the next level. These chassis allow easy installation of Slot.it motor mounts hence of the complete Slot.it product line can be used as well.

We’ve also worked so that each chassis, whenever possible, is easily compatible with Scalextric SSD, oXigen, or Carrera D132. To this purpose there may be two different chassis available for each supported model: one for SSD, one for analog and oXigen digital or Carrera D132 digital chip installation.

Additional parts may be necessary to complete your assembly: SSD lid, D132 chip support, or special cockpits.

Search the Slot.it FAQ for lists of necessary parts for each supported model.

### Polycarbonate cockpits

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<th>BRAND</th>
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<td>S01-XA1</td>
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<td>Polycarbonate cockpits for Scalextric McLaren MP4-12C</td>
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</table>
**Electronic Controller**

**SCP-2**

- **Thumb Activated Brake**
- **Max Speed Limiter or Curve Selection**
- **Interchangeable Analog /Digital or oXigen cartridge**

Interchangeable

- **Adjustable Brake (Analog SSD digital)**
- **Minimum Speed Tuning**
- **Quick action curve selection**
- **Antispin Control**
- **Lane Change (Digital) Brake override (Analogic)**

SCP201g

**SCP2 analog common ground**
(positive wiring) high current cartridge 20a cont. - 40A peak

SCP201fg

**SCP2 electronic controller analog**
with Common Ground High Current Cartridge - For all slot cars

Telemetry Data Interface (*)
Ghost Car Motor Test Mode

- 1 or 2 fingers lever
- Rubber injected finger touch
- Ball bearing spindle
- Contactless magnetic trigger system
- Optional battery wireless operation (requires oXigen cartridge and CRI receiver)
- oXigen compatible (with oXigen cartridge)
Analog controller
SCP-2

SCP201ai
SCP-2 universal analog controller
home racing Replaces SCP201a and SCP201i

SCP201bc
Universal analog cartridge
for SCP-1 and SCP-2 electronic controllers

Digital controller
SCP-2

SCP201d
SCP2 universal digital controller

SCP201e
Universal Digital Cartridge

SCP201f
SCP2 Controller
without Cartridge

SCP204a
SCP2 Complete Trigger Set

SCP04c
Replacement fuses
for SCP 3. 15A - fast (5x)

SCP04e
Spare silicon cable
Electronic controller

Spare parts

SCP202a
Complete red shell

SCP202b
Complete blue shell

SCP202e
Complete lemon yellow shell

SCP202c
Complete yellow shell

SCP03a
Spare red plastic parts

SCP03b
Spare blue plastic parts

SCP03c
Spare yellow plastic parts

SCP202d
Yellow Cartridge Cover
Live Timing Box is an innovative timing system that allows to:
- reproduce via audio the lap times recorded by the pilot, in a language to be chosen among many;
- store in the device’s internal memory the times heard on earphones, sector times and, in case, the telemetry data of the SCP controller of Slot.it to which it is connected;
- listen to your favourite music while driving, by connecting the Live Timing Box to a MP3 player through a normal audio cable not included in the package;
- download the stored data that can be looked up by the user from a PC by means of a special program downloadable for free (we’re generous, aren’t we?) at www.slot.it (Live Timing Box PC Interface);
- updated the system software, with the opportunity to add new specifications to the Live Timing Box in the future without any additional charge;
- delete stored data (good idea);
- remember the status of data storage button and mute button so that it is not necessary to repeat the setup carried out before the supply was cut off.
- work as a complete Race Management System when used in conjunction with appropriate RMS software (e.g. PCLapCounter).

Moreover, Live Timing Box is a versatile system, since its functioning requires only the presence of the Track Interface and is totally independent of the kind of controller employed.

The presence of the Track Interface is necessary since the latter has the job of interfacing the Live Timing Box with the track by collecting the signals coming from the sensors on the circuit (DS bridge, dead strips, Winchrono,...) and sending them after suitable elaboration to the Live Timing Box itself.
**Oxigen digital system**

**Slot racing digital system**
Compatible with existing analog tracks, SSD and Carrera digital *
2.4GHz Wireless, 20 cars per track, up to 2 tracks **
Open PC interface

Oxigen ("oxygen" in Catalan language) is the Slot.it system for digital slot racing, supporting up to 20 cars on an unlimited number of lanes, with unmatched features, range, and reliability reflecting many years of development and refinement. It is being used by hundreds of enthusiast racers worldwide, for small home circuits and international 24 hours races as well.

The track remains compatible with analog racing, rails being only used to power the cars and not to transmit control instructions. Lane changing is based on the robust and well tested SSD LED protocol developed by Hornby (used under license), enhanced to include the Oxigen specific 'selective lane change' feature. Oxigen lane change modules can also work very well with cars chipped with SSD chips. Oxigen modules can convert Ninco and Carrera lane changers into Oxigen and SSD lane changers, at small cost.

The open PC-dongle protocol for third party software is supported by PCLapCounter and RCS64. Designed, developed, supported by Slot.it, the reference company for slot car racing.

2017 is another exciting year for Oxigen: planned are a new, dedicated 2.4GHz SCP controller, an automatic self driving pace car, a very low cost entry level controller, and a further evolution of the in-car chip.

---

* Please read the Oxigen user manual for further information on compatibility
** Software for two tracks is not yet available

---

**Lane change**
- O2 track pieces for Scalextric track O2 LC parts can be used inside Scalextric SSD systems
- (under licence from Hornby)
- Upgrade electronics for Ninco and Carrera lane changers

**More Oxigen**
- A whole new dimension for club slot car racing
- Maintain your existing investment AND analog racing easy setup
- Developed and supported by Slot.it
- Compatible with SCP-1 open PC protocol for third party software
- Supported by PCLapCounter and RCS64
- Available NOW!

---

**O204a**
**Oxigen dongle**
SCP201h
SCP2 Digital Controller oXigen cartridge

O201c
oXigen chip in-car controller

O201b1
oXigen chip in-car controller (type B)

O205c
oXigen battery holder/charger (3.6V 1x14500 Li-ion)

O202a
oXigen radio cartridge

O203a
oXigen lane changer driver for Ninco/Carrera

O205b
oXigen battery holder

SP33
Spare Hall sensor for oXigen chips

SP32
Spare IR LED on wires for oXigen and SSD chips

SP34
Spare lighting kit connectors for oXigen chips (3x)

SP15b
Universal Hornby SSD upgrade PCB

SCP2011
Electronic universal SCP radio interface
Turn your SCP into a wireless controller for any system
### Maintenance

- **SP39**
  - Gear grease
  - (15g)

- **SP40**
  - Performance oil
  - for motors (20ml)

- **SP41**
  - Motor cleaner
  - and protector (50ml)

### Packaging

- **SP09**
  - Transparent box

- **SP36**
  - Clamshell box for 1:32 slot cars

- **SP35**
  - Plastic spare parts containers
  - (d.17, h.50 mm)

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**Banner**

1m Slot.it banner (h 80cm)
<table>
<thead>
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<th>Distributors</th>
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<tr>
<td><strong>Italy</strong></td>
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<tr>
<td>Galileo Engineering  srl</td>
<td>via Cavallotti 16 42122 Reggio Emilia Italia  Tel./Fax +39 0522 920496 <a href="mailto:info@slot.it">info@slot.it</a> <a href="http://www.slot.it">www.slot.it</a></td>
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<td><strong>Australia/ New Zealand</strong></td>
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<td>Armchair Racer</td>
<td>1/18-20 Hotham Parade Artarmon NSW 2064 Australia  Tel. +61 29 906 5566 <a href="mailto:cathy@armchairracer.com.au">cathy@armchairracer.com.au</a> <a href="http://www.armchairracer.com.au">www.armchairracer.com.au</a></td>
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<td>Q.U.I.C.K.</td>
<td>Victoria Regiistraat 32 1338 ZA - Almere Nederland  Tel. +31 36 5370853 Fax +31 36 5370956 <a href="mailto:fred.quick@upcmail.nl">fred.quick@upcmail.nl</a> <a href="http://www.quickholland.com">www.quickholland.com</a></td>
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<tr>
<td><strong>Mexico</strong></td>
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<tr>
<td>Modelismo Team S.A. de C.V.</td>
<td>Av. Insurgentes Sur 1352, L-148 Col. del Valle, Mexico D.F. 03100 Tel./Fax +52 55 5534 0177 <a href="mailto:modelismoteam@prodigy.net.mx">modelismoteam@prodigy.net.mx</a> <a href="http://www.modelismoteam.com">www.modelismoteam.com</a></td>
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<tr>
<td>Vestergaard A/S</td>
<td>Jegindøvej 21 DK-8800 Viborg  Tel. +45 89 28 18 00 Fax +45 86 61 48 58 <a href="http://www.vestergaardgroup.com">www.vestergaardgroup.com</a></td>
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<tr>
<td>InTrigg Hobbies</td>
<td>410 Joo Chiat Road Singapore 427636 tel. +65 6996-1238 <a href="http://www.intrigg-hobbies.com">www.intrigg-hobbies.com</a> <a href="mailto:enquiries@intrigg-hobbies.com">enquiries@intrigg-hobbies.com</a></td>
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<td>B52 Modelismo</td>
<td>Rua Filinto de Almeida, 96 Santo André – SP 09190-020 Brazil  Tel. +5511 4425 2758 <a href="http://www.b52online.com.br">www.b52online.com.br</a></td>
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<tr>
<td>Fair International</td>
<td>24 rue Pasteur Za de Ragon 44119 Treilières  Tel. +33 962 363409 Mob. +33 613 501077 Fax +33 240 592815 <a href="mailto:fairslot@wanadoo.fr">fairslot@wanadoo.fr</a> <a href="http://www.fairslot.com">www.fairslot.com</a></td>
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<tr>
<td>Arwico AG</td>
<td>Brühlstrasse 10 CH-4107 Ettingen  Tel. +41 617221222 Fax +41 617221244 <a href="http://www.arwico.ch">www.arwico.ch</a></td>
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<td><strong>Germany/ Austria</strong></td>
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<td>H+T Motor Racing GmbH</td>
<td>Bert - Brecht - Strasse 43 DE - 64291 Darmstadt  Tel. +49 (0) 6150 84801 Fax +49 (0) 6150 84803 <a href="mailto:info@ht-motorracing.com">info@ht-motorracing.com</a> <a href="http://www.ht-autorennbahn.de">www.ht-autorennbahn.de</a></td>
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<td>Creative Hobby</td>
<td>17 Vrilission str. 15236 Pendeli, Athens Greece  Tel./Fax +30 210 6135518 Mob. +30 6977204530 <a href="mailto:nisko@creativehobby.gr">nisko@creativehobby.gr</a> <a href="http://www.creativehobby.gr">www.creativehobby.gr</a></td>
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<tr>
<td><strong>Japan</strong></td>
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<tr>
<td>Ban Project Co. Ltd</td>
<td>412-2 Nippa-cho Kouhoku-ku, Yokohama, Kanagawa 223-0057 Japan  Tel. +81-45-834-7673 Fax +81-45-834-7960 <a href="mailto:bborder@banproject.com">bborder@banproject.com</a> <a href="http://www.banproject.com">www.banproject.com</a></td>
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<td>Iron Hero Corp.</td>
<td>No.26, Aly. 24, Ln. 158, Guoij Rd., Tucheng Dist., New Taipei City 236, Taipei (R.O.C)  Tel: 886-287321133 / 886932908781 Fax:886-287325232 <a href="mailto:kenlo@iron-hero.com">kenlo@iron-hero.com</a> <a href="http://www.iron-hero.com">www.iron-hero.com</a></td>
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<td>Gaugemaster House, Ford Road Arundel, West Sussex, BN18 0BN, United Kingdom  Tel. +44 (0) 1903 884 321 Fax +44 (0) 1903 884 377 <a href="http://www.gaugemaster.com">www.gaugemaster.com</a></td>
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