



Slot Cars Accessories

1/32 scale



PERFORMANCE
UNIVERSAL
SPARE PARTS
FOR SLOT CARS



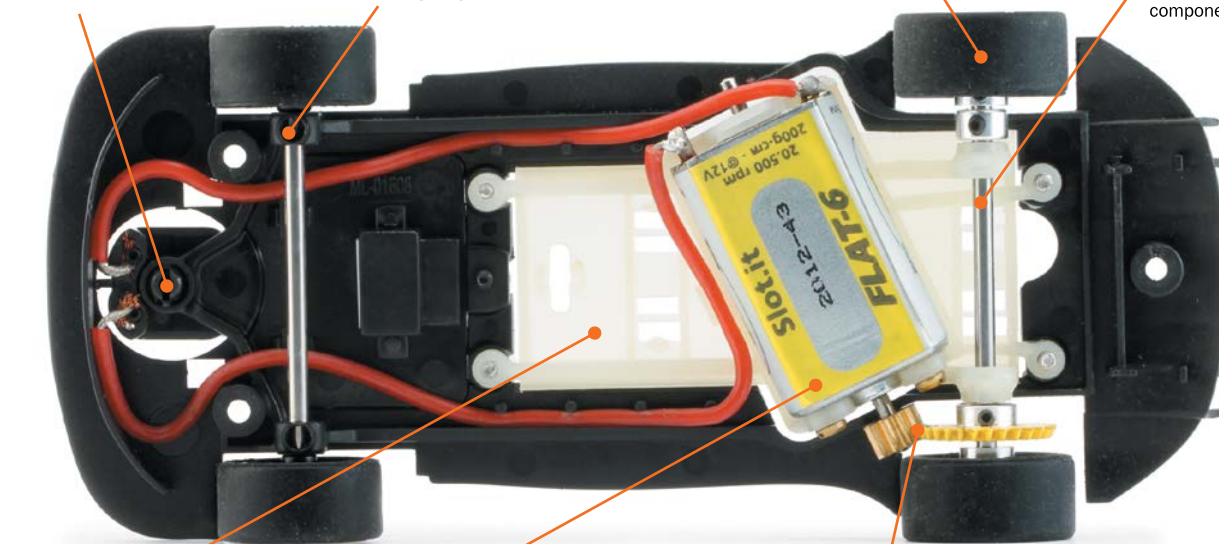
PCR - Pro Chassis Ready - is the brand new concept from Scalextric that allows racers to install and run Slot.it performance racing parts in Scalextric models. Each Pro Chassis Ready car can use a special underpan to quickly and easily install most Slot.it motor mounts, motors, and performance parts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

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!



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

Motor
Changeable motor type – Boxer, Flat-6 or the 'S' can, dependant on your racing needs.

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

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.

Slot.it Performance
Universal Spare Parts!



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.



Anglewinder HRS2
Ready to run HRS2 chassis
OFFSET 1,0mm

CH32

↑ 19mm ← 64 - 90mm → 55 - 63mm

1:32

Starter Kit



Sidewinder HRS2
Ready to run HRS2 chassis
OFFSET 0,5mm

CH31b

↑ 19mm ← 64 - 90mm → 55 - 63mm

1:32



CH34b

Inline HRS2 Starter Kit chassis

1:32



CH33b

Sidewinder HRS2 Starter Kit chassis

1:32



CH37

Main Inline/ Sidewinder HRS2 chassis

1:32



CH38

Main Universal HRS2 chassis

1:32



CH35

Anglewinder HRS2 Starter Kit chassis

1:32



CH36

Chassis-to-body HRS2

connecting cups and spare parts



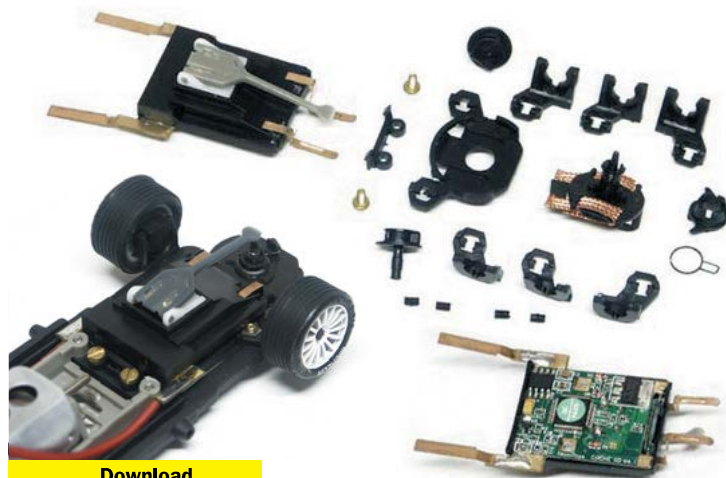
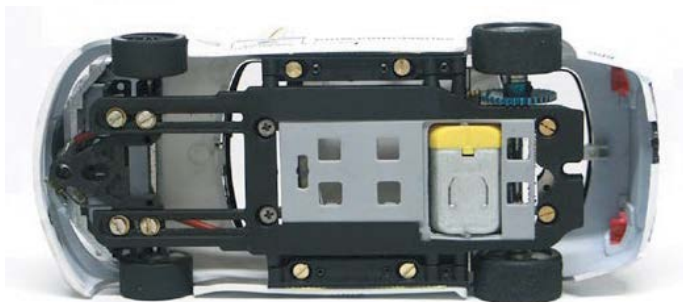
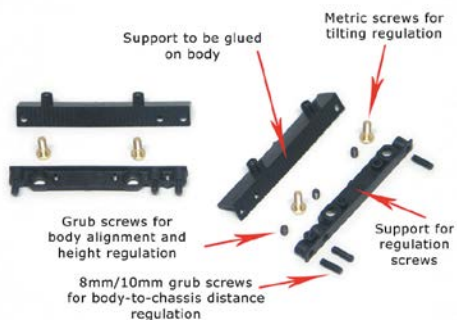
CH42
Clips chassis-to-body HRS2
connecting cups



CH20
HRS Body to chassis
adaptor cups (4X)



CH57b
Body-to-chassis HRS2 adapter



Download
CH50 instructions from
www.slot.it

CH50
SCX digital adapter for HRS2 chassis

Merchandising



Polo m
Slot.it Polo - Men's Shirt

S / M / L / XL / XXL

Polo w
Slot.it Polo - Women's Shirt

S / M / L





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



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



SP19
Copper braid - 1 m



SP18
Tin plated Copper braid - 1 m



SP37 (6x)
Pre-cut brass tabs for LMP pickup



CH26
Clip racing pickup
Old standard Slot.it models



CH10
Screw universal Pickup



CH07
Screw pickup for wood track



CH84
Screw LMP pickup
for wood track



CH85
Screw racing pickup
for standard Slot.it models



SP29
LMP Copper braid - 8x



CH17
Pickup short shaft



CH06
Pickup long shaft

Chassis Spares



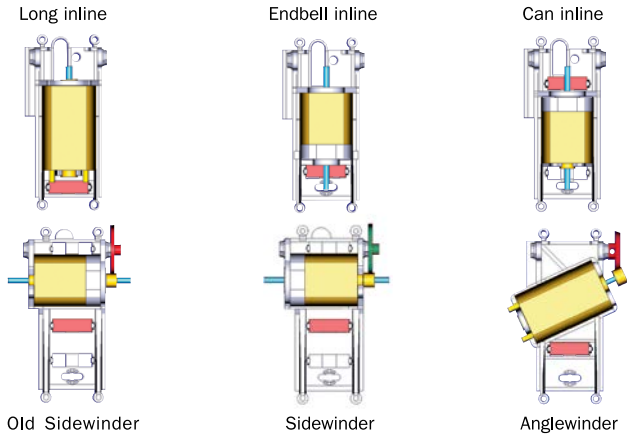
SP07
Spacers for Step3 Chassis



CH79
Chassis common parts

CH72
Plastic retainer nuts (6x)





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 upwards 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 of the motor shaft.

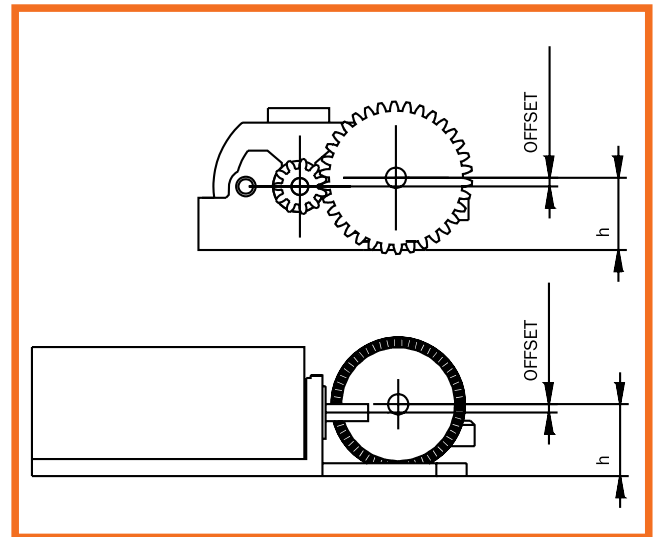
A further advantage of the 'Offset' principle is that the rear wheel can be properly positioned, vertically, inside the wheel arch of the bodywork.

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 cylindrical 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.



OFFSET DESCRIPTION

OFFSET (mm)	h (mm)	ITEMS	
0.0	7.5	CH13b	CH61
		CH29	CH76
		CH48	KK11
		CH34	CH35
0.5	8.0	CH31b	CH67
		CH33b	CH70
		CH60b	CH75
		CH62	KK13b
0.75	8.25	CH68	CH69
1.0	8.5	CH24b	CH74
		CH32	CH82
		CH49	KK10b
		CH64	KK12b
		CH65	KK14c

Box Stock Slot.it models

Group C



CH70

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

OFFSET 0.5mm

GT



LMP



CH74

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

OFFSET 1.0mm

Classic



CH62

Classic Slot.it models (2011 - 20xx)

OFFSET 0.5mm



Motor mounts OFFSET 0.0 mm



CH29

Anglewinder for Boxer / Flat-6 motor



CH13b

Group C Slot.it models (2003 - 2012)

OFFSET 0.0mm



CH61

Anglewinder for Boxer / Flat-6 motor

EV06



CH48

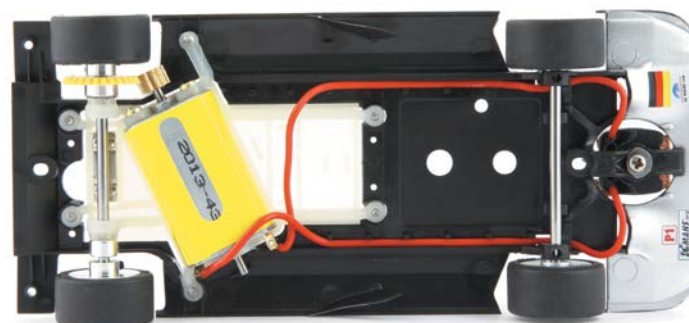
Long inline for Boxer/Flat motor



CH76

Anglewinder for Boxer / Flat-6 motor

EV06



Motor mounts OFFSET 0.5 mm



HARD

CH60b

Anglewinder for Boxer / Flat-6 motor

EV06

OFFSET 0.5mm



BOX STOCK PART
SEE PAGE 14

CH62

Classic Slot.it models (2011 - 20xx) - Ø 18 spur gear



MEDIUM

CH75

Anglewinder for Boxer / Flat-6 motor

EV06

OFFSET 0.5mm



EV06

CH67

Sidewinder for V12 motor Ø 18 spur gear **OFFSET 0.5mm**



BOX STOCK PART
SEE PAGE 14

CH70

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

Motor mounts OFFSET 0.75 mm



CH68

Sidewinder for V12 motor Ø 18 spur gear **OFFSET 0.75mm**



EV06

CH69

Sidewinder for V12 motor Ø 18 spur gear **OFFSET 0.75mm**

Motor mounts OFFSET 1.0 mm



HARD

CH30

Anglewinder for Boxer / Flat-6 motor

OFFSET 1.0 mm



HARD

CH82

Anglewinder for Boxer / Flat-6 motor

OFFSET 1.0 mm

BOX STOCK PART
SEE PAGE 15

EV06

MEDIUM



CH74

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

OFFSET 1.0mm

EV06



CH64

Sidewinder for V12 motor Ø 18 spur gear **OFFSET 1.0 mm**



CH65

Sidewinder for V12 motor Ø 18 spur gear **OFFSET 1.0mm**

EV06



CH49

Long inline for Boxer/Flat motor

OFFSET 1.0 mm



CH24b

GT Slot.it models (2004 - 2011)

OFFSET 1.0mm

Conversion Kit OFFSET 0.0 mm



KK11

Anglewinder Conversion Kit offset 0.0mm
Z30 AW Crowns + Z11 Ø 6,5mm Pinion

Conversion Kit OFFSET 1.0 mm



KK12b

Sidewinder Offset Conversion Kit
Z34 Ø18 SW Crowns + Z11 Ø 6,5mm Pinion

OFFSET 1.0mm

Conversion Kit OFFSET 0.5 mm



KK13b

Sidewinder Conversion Kit offset 0.5mm
Z34 Ø 18 SW Crowns + Z11 Ø 6,5mm Pinion



KK10b

Anglewinder Conversion Kit
Z30 AW Crowns + Z11 Ø 6,5mm Pinion

EV06

OFFSET 1.0mm



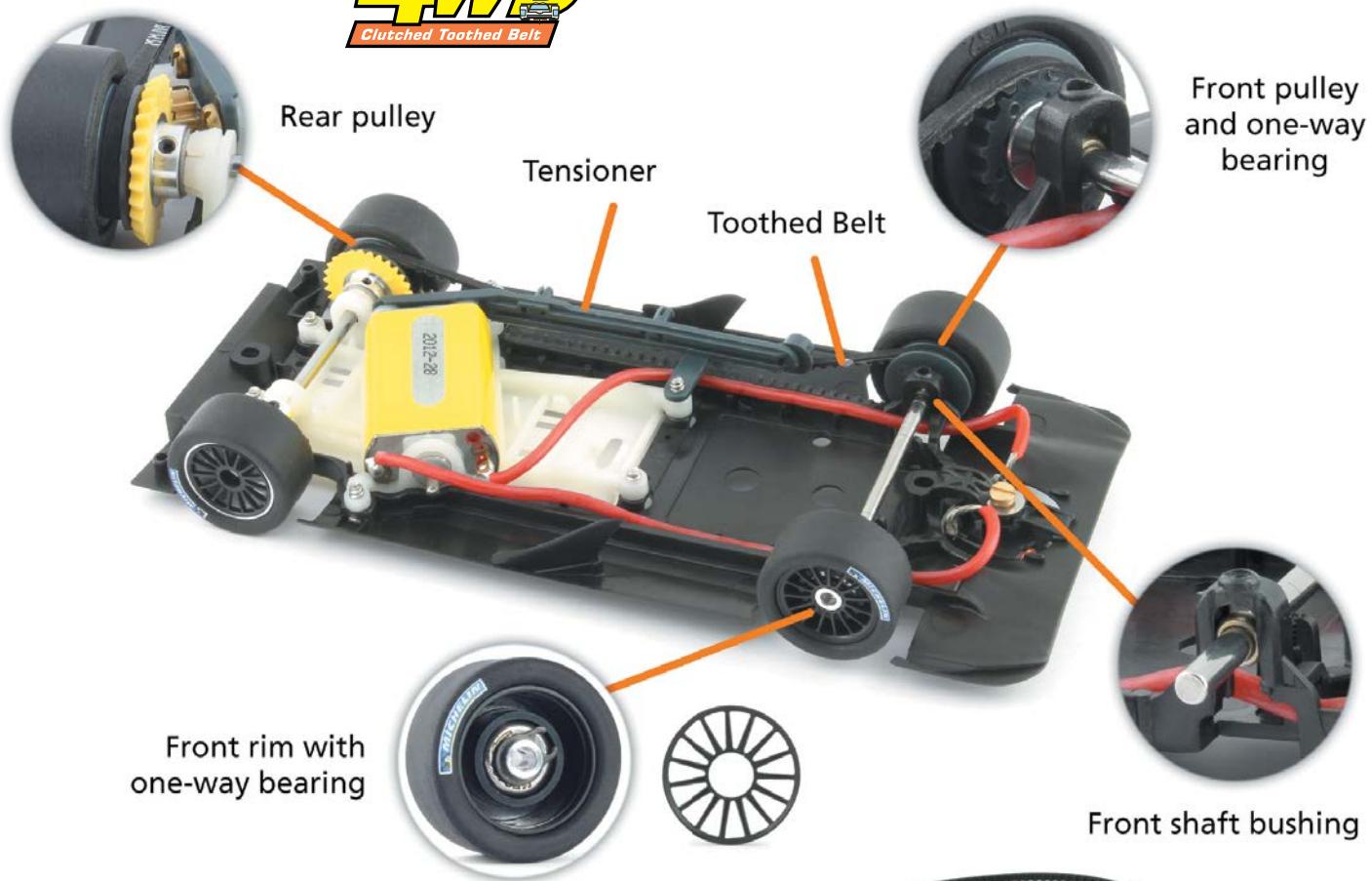
KK14c

Flat Anglewinder Offset Conversion Kit
Z25 Ø15 AW plastic Crown + Z11 Ø 6,5mm Pinion

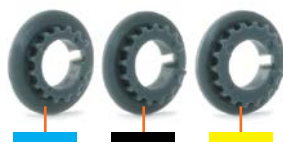
EV06

OFFSET 1.0mm

SLOT.IT 4WD Clutched Toothed Belt



CH98
Tensioner, flanges and spacers for 4WD system



CH99 Z16 pulley cyan - (2x)
CH100 Z17 pulley black - (2x)
CH101 Z18 pulley yellow - (2x)



Toothed belt for 4WD system

Z85	CH102
Z110	CH103
Z111	CH104

Zxxx

4WD System



CH95
Hubs for 4WD front wheels (2x)



CH96
Bearings for 4WD front wheels (2x)



CH105
Flanged bearings for tensioner (2x)



CH97
Snap rings for 4WD front wheels (10x)



CH94
0.08mm spacers for 4WD system - (6x)



PA69
Audi e-tron kit wheel inserts for 4WD system



PA74
Ø17.3mm front wheels for 4WD system (2x)



PA73
Ø16.5mm front wheels for 4WD system (2x)



PA72
Ø15.8mm front wheels for 4WD system (2x)



The **Slot.it** motors have three different shapes: traditional 'S' can, longer '**Boxer**' type, or Slot.it's own '**Flat-6**'.

'**Inline**' means the motor shaft 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.



Inline



Sidewinder



Anglewinder



Inline Boxer

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**.



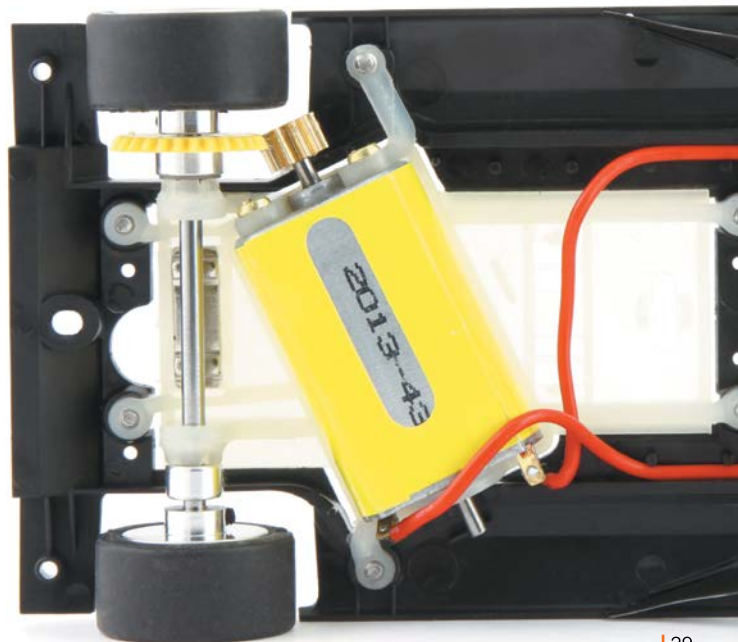
It comes with two magnet variants: standard, which is the strong magnet found in the V12/3 and Boxer/2, and Race 'R', with a custom built magnet to pack outstanding torque and braking in the motor's flat case.



Boxer
motor mount



Flat
motor mount



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



Closed can



Open can

MN08C
Boxer/2 21.500 rpm
340g*cm @12V

MN08H
Boxer/2 21.500 rpm
340g*cm @12V

MN11H-2
Flat-6R 22K 22.000 rpm
220g*cm @12V
High magnetic traction
Front shaft length 7,3mm

NO PINION



MN09CH
Flat-6 20.5K 20.500 rpm
200g*cm @12V
Double Side - open + closed

NO PINION



NO PINION

MN13CH
Flat-6S 22.5K 22.500 rpm
230g*cm @12V
Double Side - open + closed

European GR. C Championship
2013-2014 Motor



Closed can

MN09C
Flat-6 20.5K 20.500 rpm
200g*cm @12V

MN14H
Flat-6RS 25K 25.000 rpm
240g*cm @12V - different opening case

NO PINION



21.500 rpm - 170g*cm @12V

MX06



MX: no pinion version

MS06



MS: 9 teeth pinion mounted on the endbell side of the shaft, usually for inline cars.

MF06



MF: 11 teeth pinion mounted on the endbell side of the shaft, for most sidewinder cars

MN06



MN: 9 teeth pinion mounted on the can side of the shaft, usually for inline cars.

MY06



MY: 11 teeth pinion mounted on the can side of the shaft, usually for sidewinder cars.

25.000 rpm - 180g*cm @12V

MX07



MS07



MF07



MN07



MY07



The V12/3 is the 'S' type motor family from slot.it.

It provides superb torque, braking and power packaged in 'S' can motors that are also very easy to drive.

The V12 motor is an instant drop-in upgrade for most cars, thanks to its double shaft; several versions are available with the proper pinion mounted according to which car the upgrade is planned for, but any V12 motor can be changed into a different configuration just by changing pinion side and/or dimension: for example, a motor in a Scalextric configuration can be changed to an inline standard Slot.it just by changing the pinion side.

29.000 rpm - 160g*cm @12V

MX: no pinion version

MX10



MS10



MS: 9 teeth pinion mounted on the endbell side of the shaft, usually for inline cars.

MF10



MF: 11 teeth pinion mounted on the endbell side of the shaft, for most sidewinder cars

MN10



MN: 9 teeth pinion mounted on the can side of the shaft, usually for inline cars.

MY10



MY: 11 teeth pinion mounted on the case side, for sidewinder cars

19.500 rpm - 130g*cm @12V

MX12-1



NO PINION

SP08

Adaptor V12 to RX shape motor



Ø 5,5 mm - Brass



PI08

Inline pinion 8 teeth



PI09

Inline pinion 9 teeth



PI10

Inline pinion 10 teeth



PI11

Inline pinion 11 teeth



PIMX

Inline mix pinion
8+9+10+11 teeth

Ø 5,5 mm - Internal Ø: 1,5mm



PI559o15

Pinion 9 tooth

PI5510o15

Pinion 10 tooth

Ø 6,5 mm - Brass



PS10

Sidewinder pinion 10 teeth



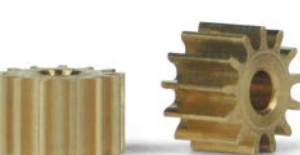
PS11

Sidewinder pinion 11 teeth



PS12

Sidewinder pinion 12 teeth



PS13

Sidewinder pinion 13 teeth



PSMX

Sidewinder mix pinion
10+11+12+13 teeth

Ø 6,5 mm - Ergal



PI6510e

Sidewinder pinion 10 teeth



PI6511e

Sidewinder pinion 11 teeth



PI6512e

Sidewinder pinion 12 teeth



PI6513e

Sidewinder pinion 13 teeth

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

Ø 6 mm - Brass



PI6010o

Pinion 10 teeth



PI6011o

Pinion 11 teeth

Ø 6 mm - Internal Ø: 1,5mm



PI6010o15

Pinion 10 tooth

Ø 6,75 mm - Brass



PI6711o

Anglewinder pinion 11 teeth
for long hub crowns



PI6712o

Anglewinder pinion 12 teeth
for long hub crowns

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.

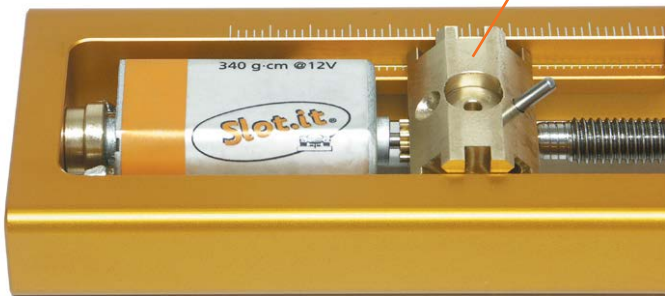
The steel plug (3) is locked into the brass tool by means of an **M3 grub screw (4)**

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.



SP27

SP28



SP21

Professional Extractor Press



SP27

Extraction plate and counter bushing for SP20/SP21



SP28

Multifunction brass tool steel plug and M3 screw for SP21



SP31b

Professional Mini Puller



Pull the pinion leaving motor and crown in place

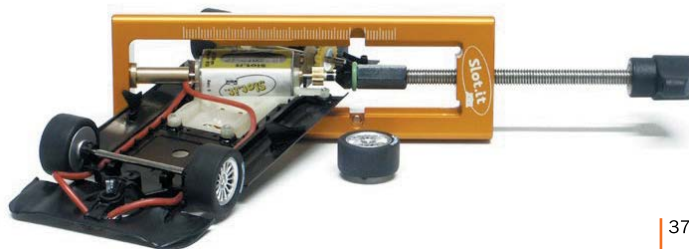


SP30

Professional upgrade kit for extractor press SP20/SP21



Push the pinion leaving motor and crown in place



Sidewinder Spur Gears

Inline Crowns



GS1934

34 teeth
Ergal light
Ø19 mm



GS1936

36 teeth
Ergal light
Ø19 mm



GS1938

38 teeth
Ergal light
Ø19 mm



G123-bz | G123-al

23 teeth
Bronze/
Alumin.+Teflon



G124-bz | G124-al

24 teeth
Bronze/
Alumin.+Teflon



G125-bz | G125-al

25 teeth
Bronze/
Alumin.+Teflon



GS1831

31 teeth
Ergal light
Ø18 mm



GS1832

32 teeth
Ergal light
Ø18 mm



GS1832-Pl

32 teeth
Aluminium + Plastic
Ø18 mm



G126-bz | G126-al

26 teeth
Bronze/
Alumin.+Teflon



G127-bz | G127-al

27 teeth
Bronze/
Alumin.+Teflon



G128-bz | G128-al

28 teeth
Bronze/
Alumin.+Teflon



GS1833

33 teeth
Ergal light
Ø18 mm



GS1834

34 teeth
Ergal light
Ø18 mm



GS1835

35 teeth
Ergal light
Ø18 mm



GS1836

36 teeth
Ergal light
Ø18 mm



G129-bz | G129-al

29 teeth
Bronze/
Alumin.+Teflon



G130-bz | G130-al

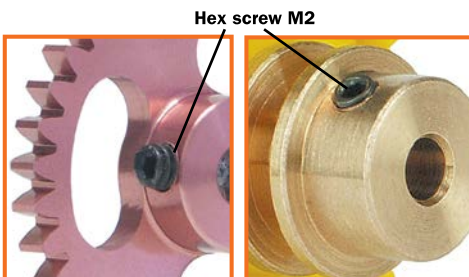
30 teeth
Bronze/
Alumin.+Teflon



GO23-bz | GO23-al
GO24-bz | GO24-al
GO25-bz | GO25-al
GO26-bz | GO26-al
GO27-bz | GO27-al
GO28-bz | GO28-al
GO29-bz | GO29-al
GO30-bz | GO30-al

OFFSET crown
Bronze/
Alumin.+Teflon

**For OFFSET
motor mount
CH24b - CH49**

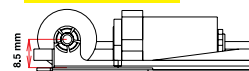


Hex screw M2



G1X1

Set 24-26-27-28-30 teeth - Bronze insert



Anglewinder Gears



ERGAL ANGLEWINDER GEAR



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



GA1630e

30 teeth
Ergal light
Ø16 mm



GA1631e

31 teeth
Ergal light
Ø16 mm



GA1832e

32 teeth
Ergal light
Ø18 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

FLAT ANGLEWINDER GEAR LONG HUB



GA24LH
24 teeth gear



GA26LH
26 teeth gear



PA57
Light Stopper for
anglewinder setup
Aluminium (2x)



PA25
Stopper for angle-
winder axles
Aluminium+teflon

Ø 15mm PLASTIC ANGLEWINDER GEAR



GA1524-PI

24 teeth for Flat Anglewinder
Aluminium + Plastic



GA1525-PI

25 teeth for Flat Anglewinder
Aluminium + Plastic



GA1526-PI

26 teeth for Flat Anglewinder
Aluminium + Plastic

NEW

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**.

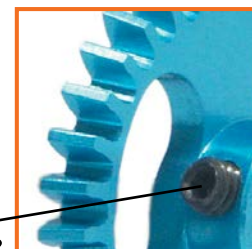
A spacer, whose thickness should be adjusted according to the displacement of motor and wheels shafts, should be placed between motor mount and crown.

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.

26 - 27 - 28 - 29 - 30 - 31



32 - 33 - 34 - 35 - 36



Hex screw M2

Anglewriter Gears



∅ 16mm PLASTIC ANGLEWINDER GEAR



GA1626-PI
26 teeth
Aluminium + Plastic



GA1627-PI
27 teeth
Aluminium + Plastic



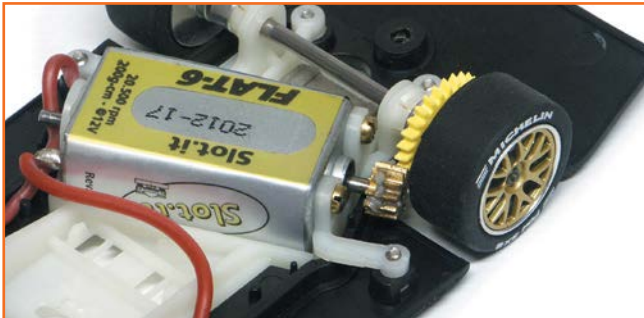
GA1628-PI
28 teeth
Aluminium + Plastic



GA1629-PI
29 teeth
Aluminium + Plastic



GA1630-PI
30 teeth
Aluminium + Plastic



AVAILABLE GEAR RATIOS

pinion	inline crowns						sidewinder ∅ 18 spur gears						sidewinder ∅ 19 spur gears						anglewriter gears						anglewriter long hub crowns										
	∅ 5.5 mm	∅ 6 mm	∅ 6.75 mm	23	24	25	26	27	28	29	30	31	32	33	34	35	36	38	36	34	36	38	26	27	28	29	30	32	34	36	24	26			
8				2.88	3.00	3.13	3.25	3.38	3.50	3.63	3.75							4.25	4.50	4.75															
9				2.56	2.67	2.78	2.89	3.00	3.11	3.22	3.33							3.78	4.00	4.22															
10	10	10	10	2.30	2.40	2.50	2.60	2.70	2.80	2.90	3.00	3.10	3.20	3.30	3.40	3.50	3.60	3.40	3.60	3.80	2.60	2.70	2.80	2.90	3.00	3.20	3.40	3.60							
11	11	11	11	2.09	2.18	2.27	2.36	2.45	2.55	2.64	2.73	2.82	2.91	3.00	3.09	3.18	3.27	3.09	3.27	3.45	2.36	2.45	2.55	2.64	2.73	2.91	3.09	3.27	2.18	2.36	2.55	2.73	2.91	2.36	
12	12	12	12									2.58	2.67	2.75	2.83	2.92	3.00	2.83	3.00	3.17	2.17	2.25	2.33	2.42	2.50	2.67	2.83	3.00	2.00	2.17					
13												2.38	2.46	2.54	2.62	2.69	2.77	2.62	2.77	2.92	2.00	2.08	2.15	2.23	2.31	2.46	2.62	2.77							

Inline crown gears G123 /24/ 25/ 26/ 27/ 28/ 29/ 30 require CH13b/CH70/CH48 motor mount and brass 5.5mm pinions (P108/09/10/11)

Offset crown gears G023 /24/ 25/ 26/ 27/ 28/ 29/ 30 require CH24b/CH49 offset motor mounts and brass 5.5mm pinions (P108/09/10/11)

∅ 18mm spur gears G51831/32/33/34/35/36 require CH62/CH67 motor mounts and brass 6.5mm pinions (PS10/11/12/13) or Ergal 6.5mm pinions (P16510E/6511E/6512E/6513E)

∅ 19mm spur gears G51934/36/38 require CH03b motor mount to be used with brass 6.5mm pinions PS10/11/12/13 or Ergal 6.5mm pinions P16510E/6511E/6512E/6513E or CH62/CH64/CH65/CH67/CH68/CH69 motor mount and 6mm pinions P160110/60120

Anglewriter gears GA34/36 and GA1626E/1629E/1630E/1631E/1832E/1833E/1834E/1835E require CH29/61/30/60/74/75/76 motor mounts and brass 6.5mm pinions PS10/11/12/13 or Ergal 6.5mm pinions P16510E/6511E/6512E/6513E.

Anglewriter long hub gears GA1626-PI/GA1627-PI/1628-PI/1629-PI/GA1630-PI require brass 6mm pinions P160110/60120 and 0.75mm spacer PA52. Otherwise require brass 6.5mm pinions PS10/11/12/13 or Ergal 6.5mm pinions P16510E/6511E/6512E/6513E.

Anglewriter Flat gears GA24LH/26LH require CH29/61/30/60/74/75/76 motor mounts and brass 6.75mm pinions P67110/67120

Anglewriter long hub gears GA1524-PI/1526-PI require brass 6.5mm pinions (PS10/11/12/13) and 1mm spacer PA51 or Ergal 6.5mm pinions (P16510E/6511E/6512E/6513E) and 1mm spacer PA51

Anglewriter Flat gears GA1524-PI/1526-PI require brass 6.5mm pinions (PS10/11/12/13) and 1mm spacer PA51 or Ergal 6.5mm pinions (P16510E/6511E/6512E/6513E) and 1mm spacer PA51



NEW

KK04b
Kit sidewinder
 Z36 Ø19 crown
 17.3x9.75mm
 wheels short hubs



NEW

KK02
Kit sidewinder
 Z36 Ø19 crown
 15.8x8.2mm
 wheels short hubs



NEW

KK05
Kit sidewinder
 Z34 Ø18 crown
 15.8x8.2mm
 wheels short hubs



KK15
Kit sidewinder
 Z36 Ø19 crown
 17.3x8.2mm
 wheels short hubs

For most Scalextric GTs
 (e.g. Ferrari 360, Ford GT, Camaro)

Steel ProAxle turned ground,
 polished - 2.38 mm (3/32")

PA01-45 45 mm **PA01-51** 51 mm
PA01-48 48 mm **PA01-54** 54 mm

Steel ProAxle turned ground,
 polished, hollow - 2.38 mm (3/32")

PA01-51H 51 mm **PA01-54H** 54 mm

Steel ProAxle turned ground,
 polished - 2.38 mm (3/32")
 for sidewinder

PA01-48R 48 mm **PA01-54R** 54 mm
PA01-51R 51 mm

PA39
 Independent front wheels axle

SP04
 Motor cable brass eyelets and for
 independent front wheels axle (x10)



Reduced center diameter



NEW

KK09c
Kit anglwinder
 Z32 crown + Z12 pinion
 17.3x9.75mm wheels +
 1mm spacers



For Ninco



KK01
Kit inline Z28 crown - 15.8x8.2mm short hubs wheels



For Scalextric LMP

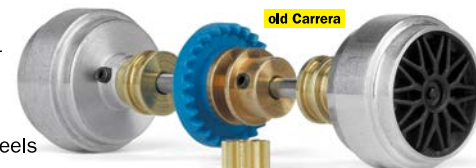
KK07b
Kit inline Z28 crown - 17.3x9.75mm wheels + 1mm spacers



KK08
Kit inline Z27 crown - 15.8x8.2mm plastic wheels long hubs



KK06b
Kit inline Z24 crown + Z10 pinion - 14.4x11.5 wheels (F1 type)



KK03b
Kit inline
 Z26 crown
 + Z9 pinion
 17.3x9.75mm wheels
 + 1mm spacers

old Carrera



Ø 14,3x8 mm



PA33-Als
Short hub aluminium wheels
1.2g - (2x)



WH1215-Pl
Short hub plastic wheels
0.57g - (4x)

Ø 14,4x11,5 mm



PA20-Als
Short hub aluminium F1 wheels
+ plastic inserts BBS type
1.5g - (2x)



PA20-Mg
Short hub magnesium F1 wheels
1.0g - (2x)

Ø 15,3x8,2 mm

PA17-Pl
Long hub plastic wheels
+ plastic inserts
0.71g - (4x)



Ø 15,8x8,2 mm



PA17-Al
Short hub aluminum wheels
+ plastic inserts
+ 1mm spacers - 1.4g - (2x)



PA17-Mg
Long hub magnesium wheels
0.9g - (2x)



PA24-Als
Short hub aluminum wheels
+ plastic inserts
1.4g - (2x)



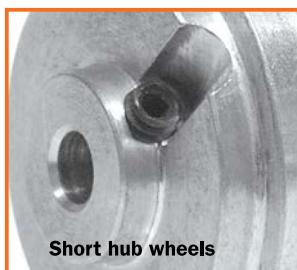
PA24-Mg
Short hub magnesium wheels
0.8g - (2x)



PA24-Alf
Short hub aluminium wheels
double shoulder
1.2g - (2x)



PA24-Alh
Short hub aluminium wheels
double shoulder holed channel
1.1g - (2x)



WH1183-Mg
Short hub magnesium wheels
holed channel - 0.8g - (2x)



WH1210-Pl
Short hub plastic wheels
0.7g - (4x)

Ø 15,8x10 mm



PA49-Alf

Short hub aluminum wheels
double shoulder
1.3g - (2x)



PA49-Alh

Short hub aluminum wheels
double shoulder holed channel
1.2g - (2x)



WH1184-Mg

Short hub magnesium wheels
holed channel - 0.9g - (2x)

Ø 16,5x8,2 mm



PA43-Als

Short hub aluminum wheels
+ plastic inserts - 1.5g - (2x)



PA43-Mg

Short hub magnesium wheels
0.8g - (2x)



PA43-Pl

Long hub plastic wheels
+ plastic inserts - 0.76g - (4x)



WH1185-Mg

Short hub magnesium wheels
holed channel - 0.75g - (2x)

Ø 16,5x10 mm

WH1186-Mg

Short hub magnesium wheels
holed channel - 0.9g - (2x)



Ø 17,3x8,2 mm



PA18-Als

Long hub aluminium wheels
+ plastic inserts - 1.6g - (2x)



PA38-Als

Short hub aluminium wheels
+ plastic inserts - 1.6g - (2x)



WH1230-Mg

Short hub magnesium wheels
holed channel - 0.8g - (2x)



WH1254-Pl

Short hub plastic wheels
0.8g - (2x)



PA18-Pl

Long hub plastic wheels
+ plastic inserts - 0.7g - (2x)

Ø 17,3x9,75 mm



PA62-Als

Short hub aluminium wheels
1.6g - (2x)



WH1231-Mg

Short hub magnesium wheels
holed channel - 0.9g - (2x)



PA19-Al

Short hub aluminum wheels
+ 1mm spacers - 1.7g - (2x)

Ø 17,3x10 mm



PA19-Pl

Short hub plastic wheels
+ plastic inserts - 0.85g - (4x)



HUBS FOR SPONGE TIRES



WH1211-AI

Double side wheels
for sponge tires - (2x)
13,6x9,5 equivalent Ø15,8mm



WH1190-AI

Double side wheels
for sponge tires - (2x)
14,2x9,5 equivalent Ø16,5mm



WH1212-AI

Double side wheels
for sponge tires - (2x)
15x9,5 equivalent Ø17,3mm



PT1209sp30

Sponge tires

Compatible with Slot.it wheel inserts



MODERN GT/LMP



PA60

Plastic inserts BBS type
for Ø17,3mm wheels - (4x)
Porsche 911 GT1 type



PA61

Plastic inserts OZ type
for Ø17,3mm wheels - (2+2)
Audi R18 TDI type



PA70

Plastic OZ inserts
for Ø17,3mm wheels - (4x)
Lola OZ type



PA56

Plastic BBS inserts
for Ø17,3mm wheels - (4x)
Lola BBS type



PA36

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



PA16

Plastic inserts OZ type
for Ø15,8mm wheels - (4x)
Audi R8C type



PA09b Black



PA09s Silver



PA09g Gold

Plastic inserts BBS type for Ø17.3 wheels (4x) - Nissan R390 type

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

CLASSIC '80 - GROUP C



PA53

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



PA55

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



PA48

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



PA65

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



PA44

Plastic inserts for Ø15,8mm
wheels (2+2x) Mazda 787B type



PA30

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



PA31

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



PA34

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

CLASSIC '70



PA63

Plastic inserts for Ø15,8mm
wheels - (4x)
McLaren M8D type



PA64

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

PA46

Plastic inserts
for Ø15,8mm wheels - (4+4x)
Ford GT40 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

F1



Plastic inserts BBS type for
Ø14,4mm wheels (4x) F1 type

PA13b Black **PA13s** Silver
PA13g Gold



Plastic inserts BBS type
for Ø15,8mm wheels (4x)

PA03b Black **PA03s** Silver
PA03g Gold

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

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



Low profile front tire

High grip rear tire

Realistic thread rear tire

F1 rear tire

Sponge tire

dwg

compound

dwg 1096 - Low profile slick
PT19 Z1 8x14.2 (4x)

dwg 1214 - Low profile slick
PT1214S2 S2 8.4x14.6 (4x)

dwg 1088 - slick 8x16.1 (4x)
PT1088C1 C1

dwg 1159 - slick 9.5x17.2 (4x)
PT1159C1 C1

dwg 1228 - slick 9.5x17.8 (4x)
PT1228C1 C1

dwg 1140 - slick 9.5x19.8 (4x)
PT35 C1

dwg 1067 - Low profile slick
PT15 Z0 10x16.5 (4x)

dwg 1170 - slick 10x17 (4x)
PT1170E1 E1

dwg 1167 - slick 10.5x17.8 (4x)
PT1167C1 C1 PT1167S2 S2

dwg 1207 - slick 10x18 (4x)
PT1207N18 N18 PT1207P6 P6
PT1207F22 F22

dwg 1045 - slick 10x18.5 (4x)
PT34 C1

dwg 1027 - slick 10x18.8 (4x)
PT06 S1 PT21 P5
PT07 Z0 PT24 P6

dwg 1171 - slick 10x19.5 (4x)
PT26 F15 PT28 F30
PT27 F22 PT1171N22 N22

dwg 1121 - slick 10x19.5 (2x)
dwg 1120 - slick 10.5x20 (2x)
PT2120C1 C1

dwg 1152 - slick 10.5x19 (4x)
PT1152C1 C1

dwg 1046 - slick 10.5x19.9 (4x)
PT18 S2

dwg 1172 - slick 11.3x20 (4x)
PT1172N22 N22

dwg 1028 - 12.2x19.8 - (4x)
PT25 P6 PT03 S1

dwg 1068 - F1 12.4x20.4 - (4x)
PT13 P3 PT23 P5
PT16 P4 PT29 S1

DIMENSION OF TYRE AFTER ASSEMBLY ON WHEEL

Suggested use

Compound

Reference Code

■ - Used on box stock cars

REFERENCE BY TRACK - COMPOUND - TIRES CODE															
Ninco			Carrera		Front wheels only				Any				Scalextric Sport	Smooth and clean surface	
P5	E1	P6	Z0	Z1	S2	F15	F22	F30	N18	N22	C1	S1	S2		
PT21 PT23	PT1170E1	PT24 PT25 PT1207P6	PT07 PT15	PT19	PT1214S2	PT26	PT27 PT29 PT1207F22	PT28	PT1207N18	PT1171N22 PT1172N22	PT34 PT35 PT21 PT28 PT1171N22 PT1152C1 PT1159C1 PT1167C1 PT1088C1 PT1228C1	PT03 PT06 PT16	PT18 PT1167S2		

SPONGE TIRES	
Compound	SP30
Code	PT1209 SP30
dwg	1209
Tires dimension (mm)	9.5 x 19.5

WHEELS FOR SPONGE TIRES (9.5 mm)		
Code	Diameter	Equivalence
WH1211	13.0	15.8
WH1190	14.3	16.5
WH1212	15.0	17.0

REFERENCE BY WHEELS CODE/DIMENSION - TIRES CODE/DWG

WHEELS	
code	dim.(mm)
PA33	14.3 x 8
WH1215	14.4 x 11.5
PA20	14.4 x 11.5
PA17	15.8 x 8.2
PA24	15.8 x 8.2
WH1183	15.8 x 10
WH1210	15.8 x 10
PA49	16.5 x 8.2
WH1184	16.5 x 8.2
PA43	16.5 x 10
WH1185	16.5 x 10
WH1186	16.5 x 10
PA18	17.3 x 8.2
PA38	17.3 x 9.75
WH1230	17.3 x 9.75
WH1254	17.3 x 10
PA19	17.3 x 10
PA62	17.3 x 10
WH1231	17.3 x 10

	PT19	PT1214S2	PT1088C1	PT1159C1	PT1228C1	PT35	PT15	PT1170E1	PT1167C1 PT1167S2	PT1207N18 PT1207F22 PT1207P6	PT34	PT06 PT07 PT21 PT28	PT26 PT27 PT28 PT1171N22	PT2120C1	PT1152C1	PT18	PT2120C1	PT1172N22	PT25 PT03	PT13 PT16 PT23 PT29
1096	15,1		17	x	x	x	x	17,1	x	x	x	x	x	x	x	x	x	x	x	x
1214	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
1088																				
1159	16,7	16,7	18,4	18,3	19,8	20,1	17	18,5	19,1	19,6	18,8	19	19,7	19,4	19	x	19,9	19,9	19,7	x
1228																				
1140	17,3	17,3	19	18,9	20,3	20,6	17,6	19,1	19,6	20,2	19,4	19,6	20,3	20	19,6	x	20,5	20,4	20,3	x
1067																				
1170																				
1167																				
1207																				
1045																				
1027																				
1171																				
1121																				
1152																				
1046																				
1120																				
1172																				
1028																				
1068																				
Tires dimension (mm)	8x14.2	8.4x14.6	8x16.1	9.5x17.2	9.5x17.8	9.5x19.8	10x16.5	10 x 17	10x17.8	10 x 18	10x18.5	10x18.8	10x19.5	10x19.5	10.5x19	10.5x19.9	10.5x20	11.3x20	12.2x19.8	12.4x20.4



PA02
Bronze bushings - (2x)



PA32
Aluminium bushings
Aluminium+Teflon - (2x)



PA12
Brass bushings
old Carrera - (2x)



PA11
Bronze bushings for
Proslot - (2x)



NEW
PA68
Bronze bushings for
Carrera and Scalextric - (4x)



PA27
Bronze bushings
Double side - (4x)



CH56b
Bronze spherical bushings
Standard Slot.it models - (6x)



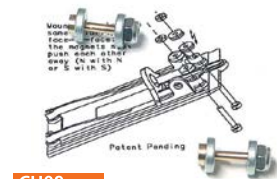
PA28
Machined pulley
Aluminium - (2x)



CH77
Aluminium End of Run Nuts
(4x)



PA26
Machined pulley
Plastic CNC - (2x)



CH09
Magnetic suspension kit



CH47b
Universal spring suspension kit



SP17
Nickel plated brass eyelets
(x10)



SP22
Silicon cables high flexibility (1m)



CN01
Neodimium Super Magnet
for Scalextric - 25x8x2mm



CN02
Neodimium Progressive
Super Magnet for Scalextric
25x8x2,3mm



CN06
HRS chassis Neodimium Magnet



CN07
HRS chassis Race Magnet



CN08
Neodimium Magnet for magnetic
suspension kit - Ø 4x1mm (8x)



CN10
Neodimium Magnet for magnetic
suspension kit - Ø 6x1.4mm (8x)



CN09
Neodimium Magnet for magnetic
suspension kit - Ø 4x1.5mm (8x)



SP23
Tungsten ballast
motor mount
shape 2,5g



SP25
Tungsten ballast,
putty, 10g



SP24
Tungsten ballast
cylinder 6,3x1mm
0,6g

SPRINGS FOR CH47B SUSPENSION (x8)



CH55A
Soft springs



CH55B
Medium springs



CH55C
Ultra soft springs



PA58
Hexagonal Screws M2 x 2mm
(x10)



PA40
Hexagonal Screws M2 x 3mm
(x10)



PA37
Hexagonal Screws M2 x 6mm
(x10) for front axle setup



PA50
Hexagonal Screws M2 x 8mm
(x10) for front axle setup



PA54
Hexagonal Screws M2 x 10mm
(x10) for front axle setup



PA66 **NEW**
Torx T3 grub screw
(x10)

Screwdrivers



PA67a M2 - Hexagonal

PA67b M2,5 - Hexagonal

PA67c Torx T3 wrench

PA51
Set of spacers for hubs
1mm (x10)



PA52
Set of spacers for hubs
0,75mm



PA06
Hexagonal wrench M2
0,95 mm



PA47
Set of spacers for hubs and
bushings - 0,1 / 0,25mm thick



CH54b
Metric screws 2.2x5.3mm
chamfered large head (10x)



CH89
Metric screws M2.5x6mm
for Carrera, brass (10x)



CH51
Metric screws 2.2x8mm
Small head (10x). Use for body
or in conjunction with CH72



CH53
Metric screws 2.2x5.3mm
Small head (10x)



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



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



CH08
Set of screws
for HRS chassis



CH41
Replacement Motor Fixing
Metric screws (10x)



CH39
Set of screws for
HRS2 chassis



CH59
Metric screws for suspensions
L9mm + L13mm (2+2)
chamfered large head



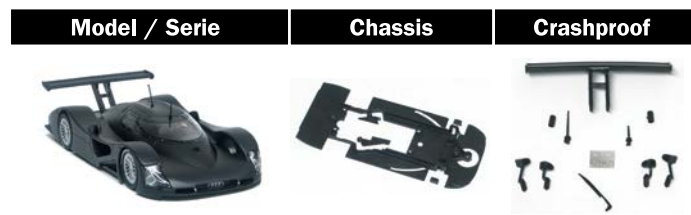
CH90
M2x4mm motor fixing screws
titanium (4x)



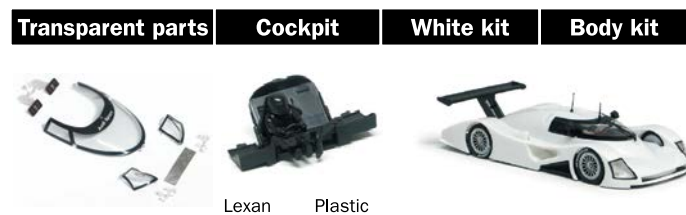
CH52
Metric screws 2.2x8mm
Big head (10x)



CH54
Metric screws 2.2x5.3mm
Big head (10x)



Model / Serie	Chassis	Crashproof
Audi R8C	CA01	CS01T-2 CS01P
Porsche 956 C LH	CA02	CS02T-60b CS02P/2
Porsche 962 C LH	CA03	CS03T-60b CS02P/2
Nissan R390 GT1 / LT	CA04/05/14	CS14T-60 CS04P
Sauber C9 Mercedes	CA06	CS05T-60 CS05P/2
Jaguar XJR6 / 9	CA07	CS13T-60 CS07P
Lancia LC2-84	CA08	CS08T-60 CS08P
Porsche 956 KH	CA09	CS02T-60b CS02P/2
McLaren F1 GTR	CA10	CS10T-60b CS10P
Alfa Romeo T33/3	CA11	CS11T-60b CS11P
Audi R8C Reloaded	CA12	CS12T-60 CS12P
Jaguar XJR12	CA13	CS13T-60 CS07P
Mazda 787B	CA15	CS15T-60 CS15P
Chaparral 2E	CA16	CS16T-60 CS16P/2 - CH71
Porsche 962C KH	CA17	CS03T-60b CS02P/2
Ford GT40	CA18	CS18T-60b CS18P
Toyota 88C	CA19	CS19T-60b CS19P
Ford MK II	CA20	CS18T-60b CS18P
Lancia LC2-85	CA21	CS08T-60 CS21P
Lola B09/B10/B11	CA22	CS22T-60b CS22P
Porsche 911 GT1 EV098	CA23	CS23T-60 CS23P
Audi R18 TDI	CA24	CS24T-60b CS24P
Porsche 962 IMSA	CA25	CS03T-60b CS02P/2
McLaren M8D	CA26	CS26T-60 CS26P
Matra MS670 B	CA27	CS27T-60 CS27P
Nissan R89 C	CA28	CS28T-60 CS28P
Audi R18 e-tron quattro	CA29	CS24T-60b CS29P
Audi R8 LMP (2001-2005)	CA30	CS30T-60 CS30P
Lola Aston Martin DBM1-2	CA31	CS31T-60 CS31P
Chaparral 2G	CA32	CS16T-60 CS31P
Audi R8 LMP 2000	CA33	CS30T-60 CS33P
Porsche 962C 85	CA34	CS03T-60b CS02P/2
Alfa Romeo 155 V6 TI	CA35	CS35T-60 CS35P



Transparent parts	Cockpit	White kit	Body kit
	Lexan	Plastic	
CS02V	CS02il	CH81	CS02b1
CS02V	CS02il	CH81	CS03b1
CS04V	CS04il		CA14z CS14b
CS05V	CS05il	CH80	CS05b1
CS07V	CS07il	CH87	CS07b
CS08V	CS08il		CA08z CS08b
CS02V	CS02il	CH81	CS09b1
CS10V	CS10il	CH86	CS10b1/CS10br
CS11V		CH58	CS11b1
CS12V	CS12il		CS12b
CS07V	CS07il	CH87	CS13b
CS15V	CS15il		CS15b
CS16V		CH78	CS16b
CS02V	CS02il	CH81	CS17b
CS18V	CS18il		CS18b
CS19V	CS19il	CH92	CS19b
CS18V			CA20z CS20b
CS21V	CS08il		CS21b
CS22V	CS22il	CH93	CS22b1/b2
CS23V	CS23il		CS23b
CS24V	CS24il	CH91	CS24b1/b2/Lb
CS02V	CS02il	CH81	CS25b
CS26V			CA26z CS26b
CS27V			CA27z CS27b
CS28V	CS28il		CA28z CS28b
CS29V	CS24il	CH91	CS29b
CS30V	CS30il		CA30z CS30b1/CS30b2
CS31V	CS22il	CH93	CA31z CS31b1/CS31b2
CS32V		CH78	CS32b
CS33V	CS30il		CA33z CS33b
CS02V	CS02il	CH81	CA34z CS34b
CS35V	CS35il		CA35z CS35b

SP09
Trasparent box



TM01
Pitlane Girls



Body kit





SP11
Lighting Kit - 2 white front + 2 rear red lights module



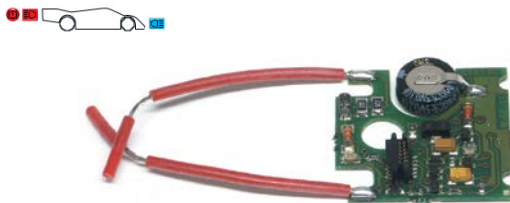
SP16c
Universal Lighting Kit for Analogic, SSD Slot.it cars and oXigen



SP06
Lighting Kit with brake - SP06 = SP10+SP11



SP26
Switch and mixed electronic parts for lighting Kits - SP06 and SP16c



SP10
Lighting Kit - Base module



SP15
Universal Hornby SSD upgrade PCB



SP32
Spare IR LED on wires for O2 and SSD chips



SP34
Spare lighting kit connectors for O2 chips (3x)



SP33
Spare Hall sensor for O2 chips





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



Audi A5 - ssd



Audi A5 - std

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

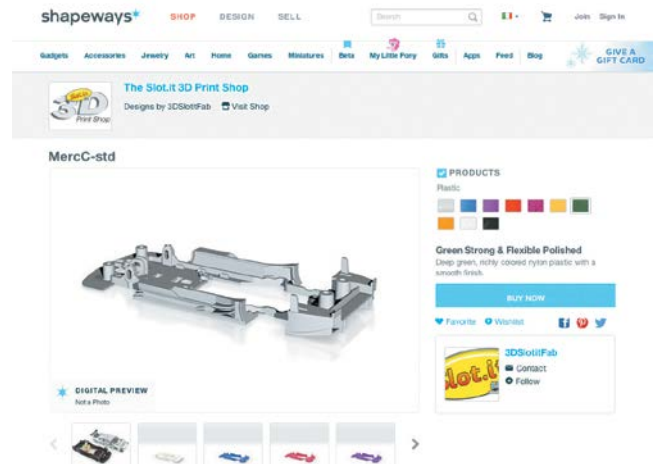


Search the Slot.it FAQ for lists of necessary parts for each supported model.

Speciality Slot Car racing parts

ON DEMAND

www.shapeways.com/shops/Slotit



Model	Brand
Audi A5 DTM	Carrera
BMW M3 DTM	Carrera
Mercedes C Klasse DTM	Carrera



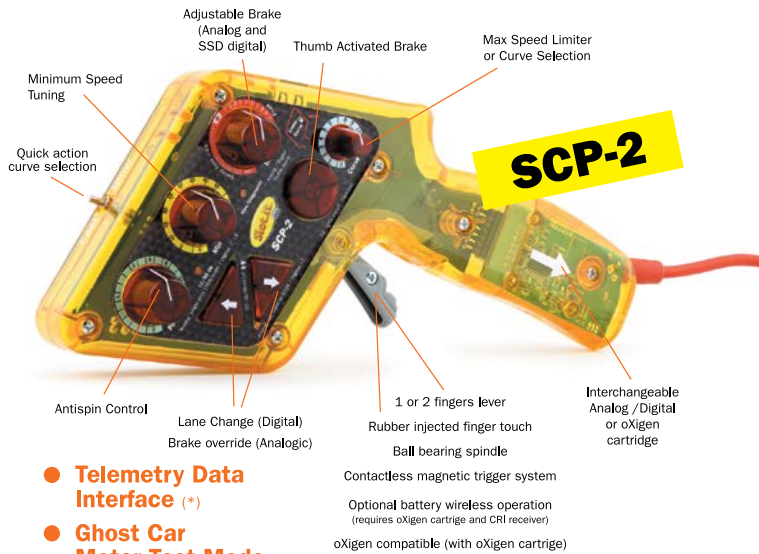
New for 2015

Model	Brand
Bentley Continental GT3	Scalextric
Aston Martin Vantage GT3	Scalextric
McLaren 12C GT3	Scalextric
Ferrari 458 GT3	Carrera
Audi Sport Quattro S1 Gr.B	Scalextric

Model	Brand
Lancia Delta S4 Gr.B	Scalextric
MG Metro 6R4 Gr.B	Scalextric
Peugeot 205 T16 Gr.B	Scalextric
Ford Mustang 1969	Scalextric
Chevrolet Camaro '70	Scalextric

... and more!

Electronic Controller



- **Telemetry Data Interface (*)**
- **Ghost Car Motor Test Mode**

SCP201a

SCP2 Universal Analog Controller, home racing

CARTRIDGES / CONTROLLER COMPATIBILITY FOR SCP-1					
Analog					
	Ninco	SCX (old connector)	SCX (jack connector)	Carrera	Scalextric
SCP01b Cartridge SCP01g Cartridge SCP01a Controller Analog Common Ground	S	S	S	S	X
SCP01c Cartridge SCP01i Controller Analog Common Positive	V	S	X	S	V
Digital					
	Ninco	SCX	Carrera	Scalextric	
SCP01e Digital Cartridge SCP01d Digital Controller	V	V	V	X*	
SCP01e-3v3 Digital Cartridge SCP01d-3v3 Digital Controller	X	V	X	V*	

- V = Box-stock compatible. No wiring necessary
 S = Compatible but requires soldering of different connector
 X = Not compatible
 X* = For all system except Hornby C7042
 V* = Compatible ONLY with Hornby C7042

Common Ground = Positive Wiring
Common Positive = Negative Wiring

Carrera, Ninco, SCX, Scalextric trademarks belong to their respective owners.



SCP201d
SCP2 Universal Digital Controller



SCP201i
SCP2 Controller analog
 Homset version (Hornby - Ninco)



SCP201h
SCP2 Digital Controller
 oXigen cartridge



SCP201m
SCP2 Digital Controller
 oXigen cartridge - Live Timing Box



SCP201f
SCP2 Controller without Cartridge



SCP201fg
SCP2 Electronic Controller Analog
 with Common Ground High Current Cartridge - For all slot cars



SCP201g
SCP2 Analog Common Ground
 (Positive Wiring)
 High Current Cartridge
 20A cont. - 40A peak



SCP01bc
 Universal analog cartridge for
 SCP-1 and SCP-2
 electronic controllers



SCP201e
Universal Digital Cartridge



SCP04a
SCP1 Complete Trigger Set



SCP204a
SCP2 Complete Trigger Set



SCP202a
Complete Red Shell



SCP03a
Spare Red plastic parts



SCP202d
Yellow Cartridge Cover



SCP04e
Spare silicon cable



SCP202b
Complete Blue Shell



SCP03b
Spare Blue plastic parts



SCP202c
Complete Yellow Shell



SCP03c
Spare Yellow plastic parts



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



SCP04d
Replacement retriggerable
fuse for SCP - 1,35A (x1)

Live Timing System



Supported by PC Lap Counter
Directly compatible with oXigen

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, Winchro,....) and sending them after suitable elaboration to the **Live Timing Box** itself.

For further information concerning the Track Interface system, see the relative manual.

FOR ANY TYPE
OF CONTROLLER



Programmable in
10 languages

TS01a

Live Timing Box



TS02a

Track Interface



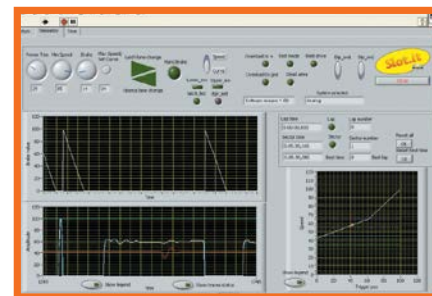
TS02b

Track to Telemetry cable



TS03a

Sector Time Expansion cable



FREE

Live Timing Box PC
Interface Software.

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 Slot.it's system for digital slot racing.

It has reached its maturity after four full years of development and refinement, and is being used by hundreds of enthusiast racers worldwide, for small home circuits and international 24 hours races as well.

oXigen cars can also run and race on both Scalextric Sport Digital and Carrera Digital 132 systems, as long as the models are driven by an **oXigen** controller. Rather than relying on control signals and power coming from the track, **oXigen** cars receive their control instructions through a high power, frequency hopping 2.4GHz link.

The track remains compatible with analog racing as it is only used to power the cars, not to transmit control instructions. Lane changing is based on the robust and well tested SSD LED

protocol developed by Hornby (used under licence). **oXigen** accessories like lane changers actually work very well with SSD cars. Specific modules can turn lane changers from Ninco and Carrera into **oXigen** or SSD lane changers, at small cost.

The Open PC protocol for third party software is supported by PCLapCounter and RCS64.

Designed, developed, supported by **Slot.it**, the reference company for Slot Car Racing.

During 2015 **Slot.it** will release specially reprogrammed Scalextric Sport Digital 'X' Lane Changers and Pit Lane entry. These parts, whose only change from original Hornby parts is in the firmware, retain full SSD compatibility, improved with anti collision and return-to-straight features, and **oXigen**'s specific feature 'Selective Lane Changing'.

* please read the **oXigen** user manual for further information on compatibility
** software for two tracks is not yet available



SCP201I
Electronic Universal **SCP** radio interface
Turn your SCP into a wireless controller for any system



O206a
Hornby SSD "X" lane changer with SSD/oXigen/analog firmware rewritten by Slot.it engineers!
Includes self straight reset, anticollision and 0: selective lane change.

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



Oxygen software. *Requires USB/RF dongle.

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



O203a
oXigen Lane changer driver for Ninco/Carrera



O201b1
oXigen chip In-car controller (type B)



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



O202a
oXigen Radio cartridge



O205a
oXigen Battery holder



O205b
oXigen Battery holder

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Ever since its foundation in 1998, Slot.it has revolutionized the slot car racing world establishing itself as the reference (and the most copied) brand for upgrade parts and competition slot cars.



www.slot.it

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