



slot cars

accessories

1/32 scale



www.slot.it



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HRS² 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.

HRS² Ready to run



CH31d
Sidewinder HRS2
Ready to run HRS2 chassis
OFFSET 0.5 mm

19 mm 64/90 mm 57/61 mm

4 HRS² Ready to run



CH109c
Inline HRS2
Ready to run HRS2 chassis
OFFSET 0.5 mm

19 mm 64/90 mm 56/61 mm



CH32c
Anglewinder HRS2
Ready to run HRS2 chassis
OFFSET 1.0 mm

19 mm 64/90 mm 60.6/64 mm

HRS² Starter kit



CH34b
Inline HRS2
Chassis starter kit
OFFSET: 0.0 mm

6

HRS² Starter kit



CH35
Anglewinder HRS2
Chassis starter kit
OFFSET: 0.0 mm

7



CH33b
Sidewinder HRS2
Chassis starter kit
OFFSET: 0.5 mm



HRS² Spare parts



CH36
Chassis-to-body HRS2
connecting cups and spare parts

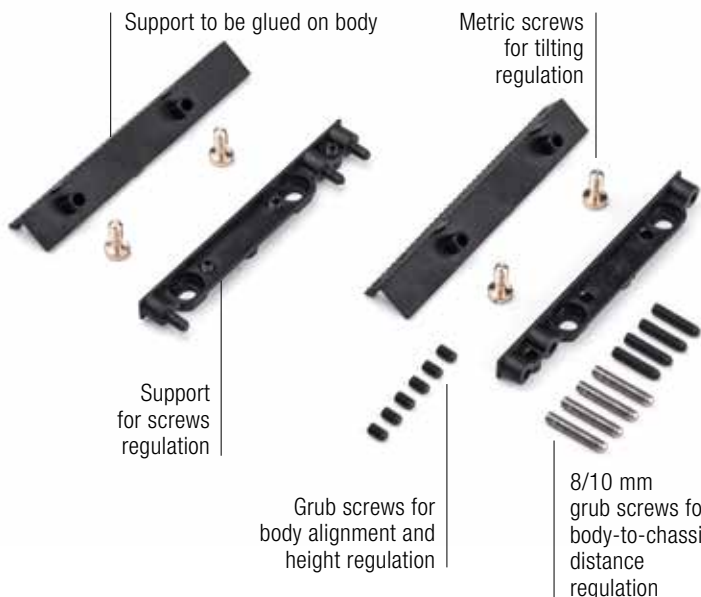


CH37
Main Inline/ Sidewinder HRS2
Chassis



CH38
Main Anglewinder HRS2
Chassis

HRS² Spare parts



CH57b
Body-to-chassis HRS2 adapter

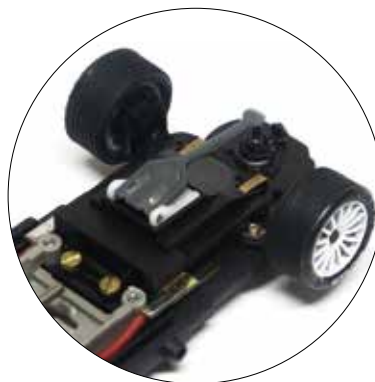




CH42
Chassis-to-body HRS2
connecting cups - (4x + 2x)



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

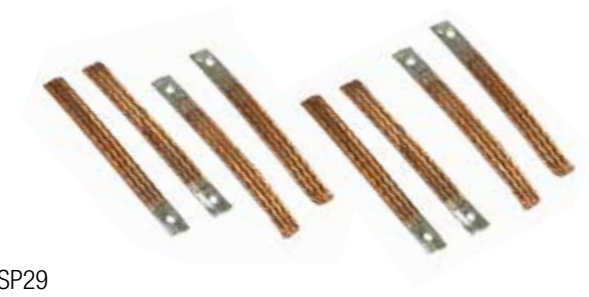
Cable/Braids/Terminals



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



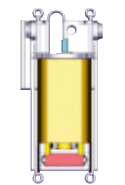
CH72
Plastic retainer nuts (6x)

USE WITH CH51
SCREWS

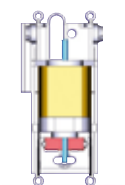


Motor configuration

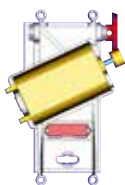
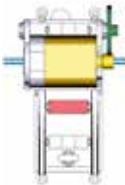
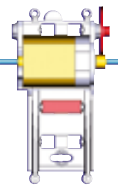
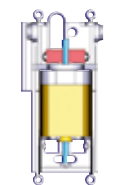
Long inline



Endbell inline



Can inline



Old Sidewinder

Sidewinder

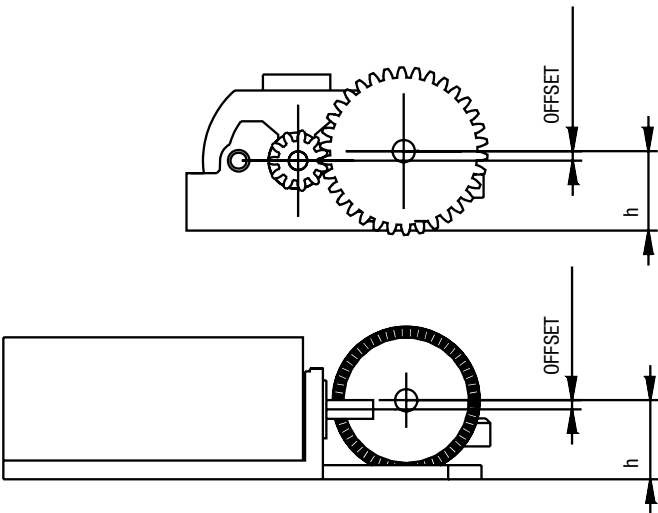
Anglewinder

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 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.

Motor configuration



Offset Description

OFFSET (mm)	h (mm)	ITEMS		
0.0	7.5	CH13c CH48 CH34b	CH61 CH76 KK11 CH35	CH48b
0.5	8.0	CH31c CH33b CH60b	CH67 CH70 CH75 KK13b	CH109 CH110 CH114
0.75	8.25	CH68	CH69	
1.0	8.5	CH24b CH32c CH49b CH65	CH74 CH82 KK10b KK12b KK14c	KK16 CH115

Motor mounts

Box Stock Slot.it models

Group C



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



Motor mounts

Box Stock Slot.it models

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



HARD

CH61
Anglewinder for Boxer / Flat-6 motors

EVO6



MEDIUM

CH76
Anglewinder for Boxer / Flat-6 motors

EVO6



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



CH48b
Long inline for Boxer/Flat motors

Motor mounts

OFFSET 0.5 mm



HARD

CH60b
Anglewinder for Boxer / Flat-6 motors

EVO6



MEDIUM

CH75
Anglewinder for Boxer / Flat-6 motors

EVO6



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



BOX STOCK PART
SEE PAGE 18

CH67
Sidewinder for V12 motors

EVO6



BOX STOCK PART
SEE PAGE 18

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

OFFSET 0.75 mm



CH68
Sidewinder for V12 motors



CH69
Sidewinder for V12 motors

EVO6

Motor mounts

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

OFFSET 1.0 mm



BOX STOCK PART
SEE PAGE 18

MEDIUM

CH74

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

EVO6



CH82

Anglewinder for Boxer / Flat-6 motors

EVO6

24 Conversion Kit OFFSET 0.0 mm



KK11

Anglewinder Conversion Kit

Z30 AW Crowns + Z11 Ø 6.5 mm Pinion

Conversion Kit OFFSET 0.5 mm



KK13b

Sidewinder Conversion Kit

Z34 Ø 18 SW Crowns + Z11 Ø 6.5 mm Pinion



Motor mounts

Conversion Kit OFFSET 1.0 mm



KK12b

Sidewinder Offset Conversion Kit

Z34 Ø18 SW Crowns + Z11 Ø 6.5mm Pinion



KK10b

Anglewinder Conversion Kit

Z30 AW Crowns + Z11 Ø 6.5mm Pinion

EVO6 25



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

SLOT-IT 4WD System

Clutched Toothed Belt



Rear pulley



Tensioner

Toothed Belt

Front pulley and one-way bearing

Front shaft bushing



CH107
Z16 pulley
for magnesium wheels



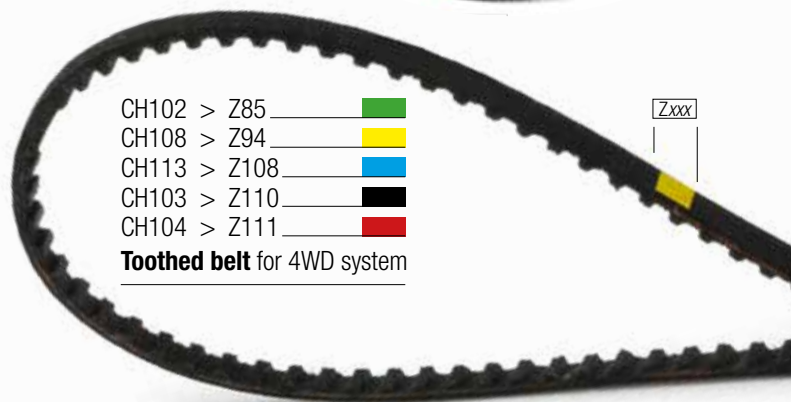
CH99
Z16 pulley
cyan - (2x)



CH100
Z17 pulley
black - (2x)



CH101
Z18 pulley
yellow - (2x)



CH102 > Z85	Green
CH108 > Z94	Yellow
CH113 > Z108	Blue
CH103 > Z110	Black
CH104 > Z111	Red

Toothed belt for 4WD system

Zxxx

SLOT-IT 4WD System

Clutched Toothed Belt



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)



CH95
Hubs for 4WD
front wheels (2x)



CH96
Bearings for 4WD
front wheels (2x)

SLOT-IT 4WD System

Clutched Toothed Belt



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



CH98
Tensioner, flanges and spacers



PA69
Ø 17.3 kit wheel
inserts for 4WD wheels



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



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



Motors Boxer / Flat-6

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.



INLINE



SIDEWINDER



ANGLEWINDER



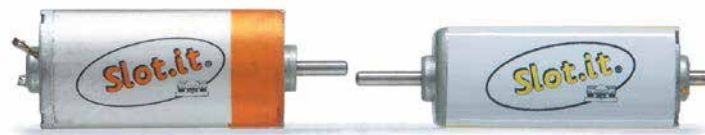
INLINE BOXER

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**.



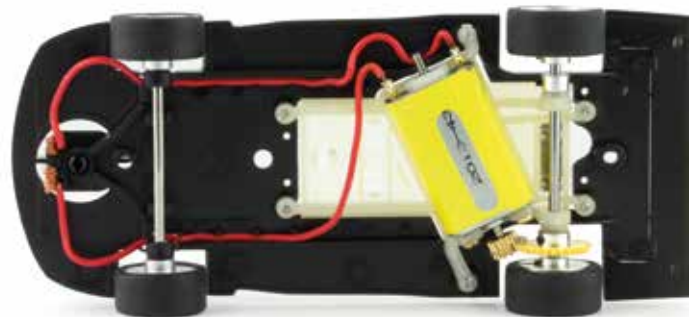
It comes with two magnet variants: standard, which is the strong magnet found in the V12/3 and Boxer/2, and Race 'R', with a custom built magnet to pack outstanding torque and braking in the motor's flat case.



Boxer motor mount



Flat motor mount



Motors Flat-6



MN09CH

Flat-6 GT/LMP

Slot.it models box stock

20.500 rpm - 200g*cm @12V - different opening case



MN13CH

Flat-6S

22.500 rpm - 230g*cm @12V - different opening case



MN14H

Flat-6RS

25.000 rpm - 240g*cm @12V - asymmetric case openings



GT RACING



MN11H-2

Flat-6R

22.000 rpm - 220g*cm @12V

High magnetic traction

Motors Boxer/V12

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



MN08CH

Boxer/2

21.500 rpm - 340g*cm @12V - different opening case



MX15

V12/4 Classic DTM

Slot.it models box stock

21.000 rpm - 150g*cm @12V



MX16

V12/4 Gr.C/Classic

Slot.it models box stock

23.000 rpm - 170g*cm @12V



MX17

V12/4

29.000 rpm - 160g*cm @12V



SP08

Adaptor V12 to RX shape motor



33

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 mm - Internal Ø 1.5mm



PI6010o15
Pinion 10 teeth (2x)

Pinions

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)



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

36
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.



SP21
Professional Extractor Press

Extractor/Press



SP27
Extraction plate and counter
bushing for SP20/SP21



SP28
Multifunction brass tool steel
plug and M3 screw for SP21

Extractor/Press



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



39

38



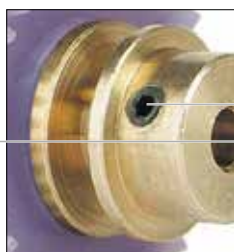
SP30
Professional upgrade kit
for extractor press SP20/SP21

PUSH THE PINION
LEAVING MOTOR AND
CROWN IN PLACE.



SP31b
Professional Mini Puller

Sidewinder Spur Gears



M2 HEX SCREW



GS1934
34 teeth
Ergal light
Ø19 mm



GS1936
36 teeth
Ergal light
Ø19 mm



GS1938
38 teeth
Ergal light
Ø19 mm



GS1831
31 teeth
Ergal light
Ø18 mm



GS1832
32 teeth
Ergal light
Ø18 mm



GS1832-pl
32 teeth
Aluminium + Plastic
Ø18 mm



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

Inline Crown Gears



GI23-bz / GI23-al
23 teeth
Bronze/ Alumin. +Teflon



GI24-bz / GI24-al
24 teeth
Bronze/ Alumin. +Teflon



GI25-bz / GI25-al
25 teeth
Bronze/ Alumin. +Teflon



GI26-bz / GI26-al
26 teeth
Bronze/ Alumin. +Teflon



GI27-bz / GI27-al
27 teeth
Bronze/ Alumin. +Teflon



GI28-bz / GI28-al
28 teeth
Bronze/ Alumin. +Teflon



GI29-bz / GI29-al
29 teeth
Bronze/ Alumin. +Teflon



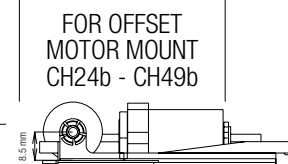
GI30-bz / GI30-al
30 teeth
Bronze/ Alumin. +Teflon



G023-bz / G023-al
G024-bz / G024-al
G025-bz / G025-al
G026-bz / G026-al
G027-bz / G027-al
G028-bz / G028-al
G029-bz / G029-al
G030-bz / G030-al
OFFSET crown
Bronze/ Alumin. +Teflon



GIX1
Set 24-26-27-28-30 teeth - Bronze insert



FOR OFFSET
MOTOR MOUNT
CH24b - CH49b

8.5 mm

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



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

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-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



26 - 27 - 28 - 29 - 30 - 31



32 - 33 - 34 - 35 - 36

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



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

Pinions				Inline crowns										Sidewinder Ø18mm spur gears					Sidewinder Ø19mm spur gears					Anglewinder Ø15mm gears					Anglewinder Ø16mm gears										Anglewinder long hub gears																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Ø5.5 mm	Ø6.5 mm	Ø6 mm	Ø7 mm	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1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G23/24/25/26/27/28/29/30 require CH13c/CH70/CH48/CH48b motor mount and brass 5.5mm pinions P08/09/10/11
G023/24/25/26/27/28/29/30 require CH24b/CH49b offset motor mounts and brass 5.5mm pinions P08/09/10/11
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 P16510E/16511E/16512E/16513E
GS1934/36/38 require CH65/CH67/CH68/CH69 motor mount and 6mm pinions P16010/60120.

GA34/36 and GA1626E/1627E/1628E/1629E/1630E/1631E/1632E/1633E/1634E/1635E require CH61/60b/74/75/76/82 motor mounts and brass 6.5mm pinions PS10/11/12/13 or Ergal 6.5mm pinions P16510E/16511E/16512E/16513E.
GA1626-PI/1627-PI/1628-PI/1629-PI/1630-PI require brass 6mm pinions P16010/60120 and 0.75mm spacer PA52. Otherwise require brass 6.5mm pinions PS10/11/12/13 or Ergal 6.5mm pinions P16510E/16511E/16512E/16513E.

GA24LH/26LH require CH61/60b/74/75/76/82 motor mounts and brass 6.75mm pinions P67110/67120
GA1524-PI/1525-PI/1526-PI require brass 6.5mm pinions PS10/11/12/13 and 1mm spacer PA51 or Ergal 6.5mm pinions P16510E/16511E/16512E/16513E and 1mm spacer PA51.
GA1524-PI/1525-PI/1526-PI require Ergal 7mm pinions P17012E/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



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-PI*
PI 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



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 - 0.9g (2x)



W15808215A *ex PA24-Als*
Al Ø15.8 x 8.2 x 1.5mm
wheels,
M2 grub - 1.4g (2x)



W15808215M *ex WH1183-Mg*
Mg Ø15.8 x 8.2 x 1.5mm
hollow wheels,
M2 grub, 0.8g (2x)

Wheels

ø 15.8 x 8.2 mm



W15808215AF *ex PA24-Alf*
Al Ø15.8 x 8.2 x 1.5mm
wheels double shoulder
M2 grub - 1.1g (2x)



W15808215AH *ex PA24-Alh*
Al Ø15.8 x 8.2 x 1.5mm
wheels double shoulder
holed channel M2 grub - 1g (2x)



W15808215P *ex WH1210-PI*
PI Ø15.8x8.2x1.5mm
wheels 0.7g (4x)



W15808225P *ex PA17-PI*
PI Ø15.8x8.2x2.5mm
wheels 0.71g (4x)

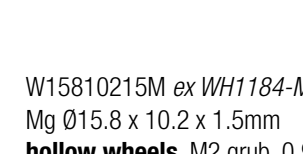
ø 15.8 x 10.2 mm



W15810215AF *ex PA49-Alf*
Al Ø15.8 x 10.2 x 1.5mm
wheels, double shoulder,
M2 grub - 1.3g (2x)



W15810215AH *ex PA49-Alh*
Al Ø15.8 x 10.2 x 1.5mm
wheels, double shoulder
holed channel, M2 grub - 1.2g (2x)



W15810215M *ex WH1184-Mg*
Mg Ø15.8 x 10.2 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-PI*
PI 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

W17308225A *ex WH1048-Al*
Al Ø17.3 x 8.2 x 2.5mm
wheels, M2 grub, 1.6g (2x)



Wheels

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)



ø 17.3 x 8.2 mm

W17308215M *ex WH1230-Mg*
Mg Ø17.3 x 8.2 x 1.5mm
hollow wheels, M2 grub, 0.8g (2x)



W17308205P *ex WH1254-PI*
PI Ø17.3 x 8.2 x 0.5mm
wheels, 0.75g (4x)



W17308225P *ex WH1071-PI*
PI 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-PI*
PI Ø17.3 x 10 x 0.5mm
wheels, 0.85g (4x)



For Sponge Tyres

Compatible with Slot.it wheel inserts

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



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



W15009515A *ex WH1212-AI*
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)



Reduced center diameter

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)



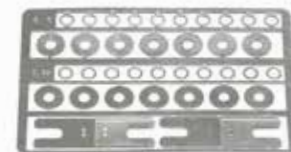
PA51
Set of spacers
for hubs 1mm thick (x10)



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



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)

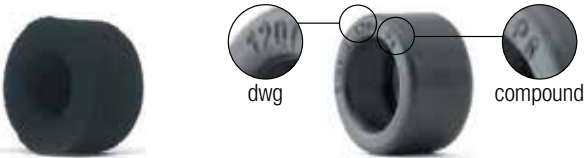
Opel Calibra V6 type



Tyres



Slot.it provides a comprehensive range of tires for the racer and the scale modeler alike.



- PT19 > **Z1** - 8x14.2 (4x)
dwg 1096 - Low profile slick
- PT1214S2 > **S2** - 8.4x14.6 (4x)
dwg 1214 - Low profile slick
- PT1088C1 > **C1**
dwg 1088 - slick 8x16.1 (4x)
- PT1159C1 > **C1**
dwg 1159 - slick 9.5x17.2 (4x)
- PT1228C1 > **C1**
dwg 1228 - slick 9.5x17.8 (4x)

- PT35 > **C1**
dwg 1140 - slick 9.5x19.8 (4x)
- PT15 > **Z0** - 10x16.5 (4x)
dwg 1067 - Low profile slick
- PT1170E1 > **E1**
dwg 1170 - slick 10x17 (4x)
- PT1167C1 > **C1** PT1167S2 > **S2**
dwg 1167 - slick 10x17.8 (4x)
- PT1207N18 > **N18** PT1207P6 > **P6**
PT1207F22 > **F22**
dwg 1207 - slick 10x18 (4x)

- PT34 > **C1**
dwg 1045 - slick 10x18.5 (4x)
- PT06 > **S1** PT07 > **Z0**
PT24 > **P6**
dwg 1027 - slick 10x18.8 (4x)
- PT26 > **F15** PT28 > **F30**
PT27 > **F22** PT1171N22 > **N22**
dwg 1171 - slick 10x19.5 (4x)
- PT1220C1 > **C1**
dwg 1121 - slick 10x19.5 (2x)
dwg 1120 - slick 10.5x20 (2x)

- PT1152C1 > **C1**
dwg 1152 - slick 10.5x19 (4x)
- PT18 > **S2**
dwg 1046 - slick 10.5x19.9 (4x)
- PT1172N22 > **N22**
dwg 1172 - slick 11.3x20 (4x)
- PT25 > **P6** PT03 > **S1**
dwg 1028 - 12.2x19.8 - (4x)
- PT13 > **P3** PT16 > **S1**
PT23 > **P5** PT29 > **F22**
dwg 1068 - F1 12.4x20.4 - (4x)

DIMENSION OF TYRE AFTER ASSEMBLY ON WHEEL

REFERENCE BY TRACK – COMPOUND – TYRES CODE															
Suggested use >	Ninco		Carrera	Front wheels only			Any						Scalextric Sport	Smooth and clean surface	
Compound >	P5	E1	P6	Z0	Z1	S2	F15	F22	F30	N18	N22	SP30	C1	S1	S2
Reference Code >	PT23	PT1170E1	PT24 PT25 PT1207P6	PT07 PT15	PT19	PT1214S2	PT26	PT27 PT29 PT1207F22	PT28	PT1207N18	PT1171N22 PT1172N22	PT1209SP30	PT34 PT35 PT2120C1 PT1152C1 PT1159C1 PT1167C1 PT1088C1 PT1228C2	PT03 PT06 PT16	PT17 PT18 PT1167S2

= box stock

SPONGE TYRES		
Compound	SP30	
Code	PT1209 SP30	
dwg	1209	
Tyres dimension (mm)	9.5 x 19.5	
WHEELS FOR SPONGE TIRES (9.5 mm)		
Code	Diameter	Equivalence
W13609515A	13.0	15.8
W14209515A	14.2	16.5
W15009515A	15.0	17.0

REFERENCE BY WHEELS DIMENSION – TYRES CODE/DWG

WHEELS	PT19	PT1214S2	PT1088C1	PT1159C1	PT1228C1	PT35	PT15	PT1170E1	PT1167C1 PT1167S2	PT1207N18 PT1207F22 PT1207P6	PT34	PT06 PT07 PT24	PT26 PT27 PT28 PT1171N22	PT2120C1	PT1152C1	PT18	PT17	PT2120C1	PT1172N22	PT25 PT03	PT13 PT16 PT23 PT29
dim.(mm)	PT19	PT1214S2	PT1088C1	PT1159C1	PT1228C1	PT35	PT15	PT1170E1	PT1167C1 PT1167S2	PT1207N18 PT1207F22 PT1207P6	PT34	PT06 PT07 PT24	PT26 PT27 PT28 PT1171N22	PT2120C1	PT1152C1	PT18	PT17	PT2120C1	PT1172N22	PT25 PT03	PT13 PT16 PT23 PT29
14.3 x 8	15.1	15.1	17	x	x	x	x	17.1	x	x	x	x	x	x	x	x	x	x	x	x	x
14.4 x 11.5	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	20.8
15.8 x 8.2 15.8 x 10.2	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	19.7	19.9	19.9	19.7	x
16.5 x 8.2 16.5 x 10.2	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	20.2	20.5	20.4	20.3	x
16.9 x 8.2	17.6	17.6	19.3	19.2	20.6	20.9	17.9	19.4	19.9	20.5	19.7	19.9	20.6	20.3	19.9	x	20.5	20.8	20.7	20.6	x
17.3 x 8.2 17.3 x 9.75 17.3 x 10	18.1	18.1	19.7	19.4	21	21.3	18.3	19.8	20.3	20.8	20.1	20.2	21	20.7	20.3	20.2	20.8	21.2	21.1	21	x
dwg	1096	1214	1088	1159	1228	1140	1067	1170	1167	1207	1045	1027	1171	1121	1152	1046	1042	1120	1172	1028	1068
Tyres dimension (mm)	8 x 14.2	8.4 x 14.6	8 x 16.1	9.5 x 17.2	9.5 x 17.8	9.5 x 19.8	10 x 16.5	10 x 17	10 x 17.8	10 x 18	10 x 18.5	10 x 18.8	10 x 19.5	10 x 19.5	10.5 x 19	10.5 x 19.9	10.5 x 20	10.5 x 20	11.3 x 20	12.2 x 19.8	12.4 x 20.4

Bushings & Pulleys

PA02
Bronze bushings (2x)



PA12
Brass bushings
old Carrera (2x)



PA68
Brass bushings
for Carrera and Scalextric (4x)



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



PA28
Aluminium pulley (2x)



PA32
Aluminium bushings
Aluminium+Teflon (2x)



PA11
Bronze bushings
for Proslot (2x)



PA27
Bronze bushings
Double side (4x)



PA26
Plastic CNC machined pulley (2x)



Suspensions

CH47b
Spring suspension kit - for all type of motor mounts



Springs For CH47B Suspension

CH55A
Soft springs (8x)



CH55B
Medium springs (8x)



CH55C
Ultra soft springs (8x)



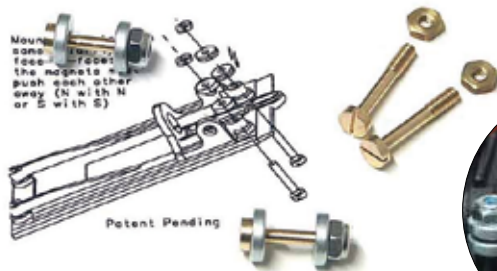
CH55D
Short ultra soft springs (8x)



CH77
Aluminium anodized end of run nuts (4x)



Suspensions



CH09
Magnetic suspension kit

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



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



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



Magnets & Ballast

CN01
Neodimium magnet
25x8x2mm for Scalextric



CN02
Neodimium C shaped magnet
25x8x2.3mm for Scalextric



CN06
Neodimium standard magnet
for motor mounts



CN07
Neodimium race magnet for motor mounts



SP23
Tungsten ballast
motor mount shape 2.5g (1x)



SP25
Tungsten ballast putty
10g (1x)



SP24
Tungsten ballast cylinder 6.3x1mm, 0.58g (6x)



Screwdrivers



PA76
Adjustable torque hex
M2 screwdriver



PA67c
Adjustable torque Torx
T3 screwdriver

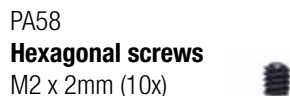


PA67b
Adjustable torque hex
M2.5 screwdriver

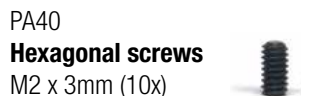


PA06
Hexagonal wrench
M2

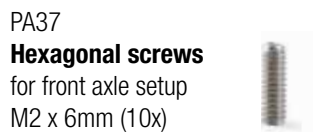
Screws



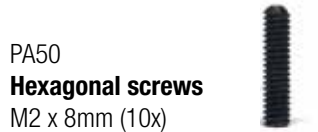
PA58
Hexagonal screws
M2 x 2mm (10x)



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)



CH54b
Metric screws
chamfered large head
2.2 x 5.3 mm (10x)



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



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



CH41
Replacement motor
fixing metric screws (10x)

Screws



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)

Cars spare parts



Polycarbonate Plastic



Model	Code	Chassis	Crashproof	Transparent	Cockpit		White Kit	Body Kit
					Polycarbonate	Plastic		
Alfa Romeo 155 V6 TI (1993/94)	CA35	CS35t-60	CS35p	CS35v / CS35vix	CS35lx		CA35z	CS35b
Alfa Romeo T33/3	CA11	CS11t-60b	CS11p	CS11v		CH58		CS11b1
Audi R18 e-tron quattro	CA29	CS24t-60c	CS29p	CS29v	CS24lx	CH91		CS29b
Audi R18 TDI	CA24	CS24t-60c	CS24p	CS24v	CS24lx	CH91		CS24b1/ CS24b2
Audi R18 Ultra	CA38	CS24t-60c	CS38p	CS29v	CS24lx	CH91		CS38b
Audi R8 LMP 2000	CA33	CS33t-60	CS33p	CS33v			CA33z	CS33b
Audi R8C	CA01	CS01t-2	CS01p		CS12il			
Audi R8C Reloaded	CA12	CS12t-60	CS12p	CS12v	CS12il			CS12b
Chaparral 2E	CA16	CS16t-60	CS16p/2 / CH71 / CH71lx	CS16v		CH78		CS16b1
Ford GT40	CA18	CS18t-60b	CS18p	CS18v	CS18il			CS18b
Ford MKII	CA20	CS18t-60b	CS18p	CS18v	CS18il			CS20b
Jaguar XJR12	CA13	CS13t-60	CS07p	CS07v	CS07il	CH87		CS13b
Jaguar XJR6/9	CA07	CS13t-60	CS07p	CS07v	CS07il	CH87		CS07b
Lancia LC2-84	CA08	CS08t-60b	CS08p	CS08v	CS08il		CA08z	CS08b
Lancia LC2-85	CA21	CS08t-60b	CS21p	CS21v	CS08il		CA21za	CS21b
Lola Aston Martin DBR1-2	CA31	CS31t-60	CS31p	CS31v	CS22lx	CH93	CA31z1 / CA31z2	CS31b1 / CS31b2
Lola B09/60, B10/60, B11/80, B12/69 EV	CA22	CS22t-60b	CS22p	CS22v	CS22lx	CH93		CS22b1 / CS22b2
Lola B12/80	CA39	CS22t-60b	CS22p	CS39v	CS22lx	CH93	CA39z	CS39b1 / CS39b2 / CS39la
Matra MS 670 B (1973)	CA37	CS27t-60					CA37z	CS37b
Matra MS 670 B (1974)	CA27	CS27t-60	CS27p	CS27v			CA27z	CS27b
Mazda 787B	CA15	CS15t-60	CS15p	CS15v	CS15lx			CS15b
McLaren F1 GTR	CA10	CS10t-60b	CS10p	CS10v	CS10il	CH86		CS10b1
McLaren M8D	CA26	CS26t-60	CS26p	CS26v			CA26z	CS26b
Mercedes Sauber C9	CA06	CS05t-60b	CS05p/2	CS05v	CS05il	CH80		CS05b1
Nissan R390 GT1	CA04/05	CS14t-60	CS04p	CS04v	CS04lx		CA14z	CS14b
Nissan R390 GT1 Long Tail	CA14	CS14t-60	CS04p	CS04v	CS04lx		CA14z	CS14b
Nissan R89C	CA28	CS28t-60	CS28p	CS28v	CS28lx		CA28z	CS28b / CS28b1
Opel Calibra V6	CA36	CS36t-60	CS36p	CS36v	CS36lx		CA36z	CS36b
Porsche 911 GT1 EV098	CA23	CS23t-60	CS23p	CS23v	CS23lx			CS23b
Porsche 956C KH	CA09	CS02t-60b	CS02p/2	CS02v	CS02lx	CH81b		CS09b1
Porsche 956C LH	CA02	CS02t-60b	CS02p/2	CS02v	CS02lx	CH81b	CA02za	CS02b1
Porsche 962 IMSA	CA25	CS03t-60c	CS02p/2	CS02v	CS02lx	CH81b		CS25b
Porsche 962C 85	CA34	CS03t-60c	CS02p/2	CS02v	CS02lx	CH81b	CA34z	CS34b
Porsche 962C KH	CA17	CS03t-60c	CS02p/2	CS02v	CS02lx	CH81b		CS17b1
Porsche 962C LH	CA03	CS03t-60c	CS02p/2	CS02v	CS02lx	CH81b		CS03b1
Toyota 88C	CA19	CS19t-60b	CS19p	CS19v	CS19il	CH92	CA19z	CS19b

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



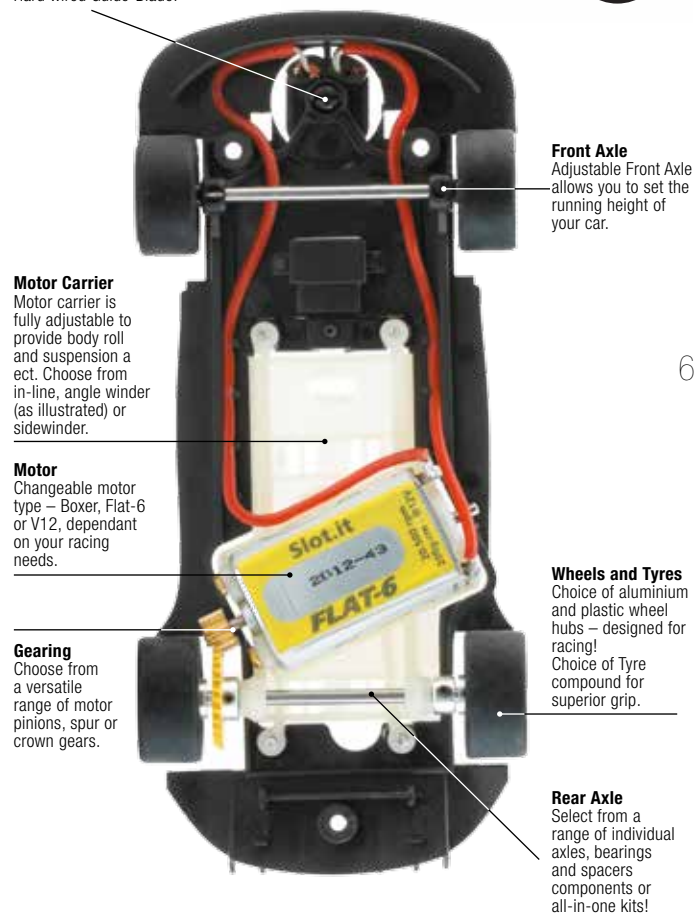
SP26
Switch and mixed electronic parts
for lighting kits SP06 and SP16c

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.



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.



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 Sport Quattro S1 Gr.B	Scalextric
Lancia Delta S4 Gr.B	Scalextric
Bentley Continental GT3	Scalextric
Aston Martin Vantage GT3	Scalextric
McLaren MP12-4C GT-3	Scalextric



3D prints of special parts created from Slot.it, the reference brand in slot car racing

MODEL	BRAND
Audi S5 DTM	Carrera
BMW M3 DTM	Carrera
Mercedes C-Klasse DTM	Carrera
Ferrari 458 GT3	Carrera
BMW M4 DTM	Carrera



Polycarbonate cockpits

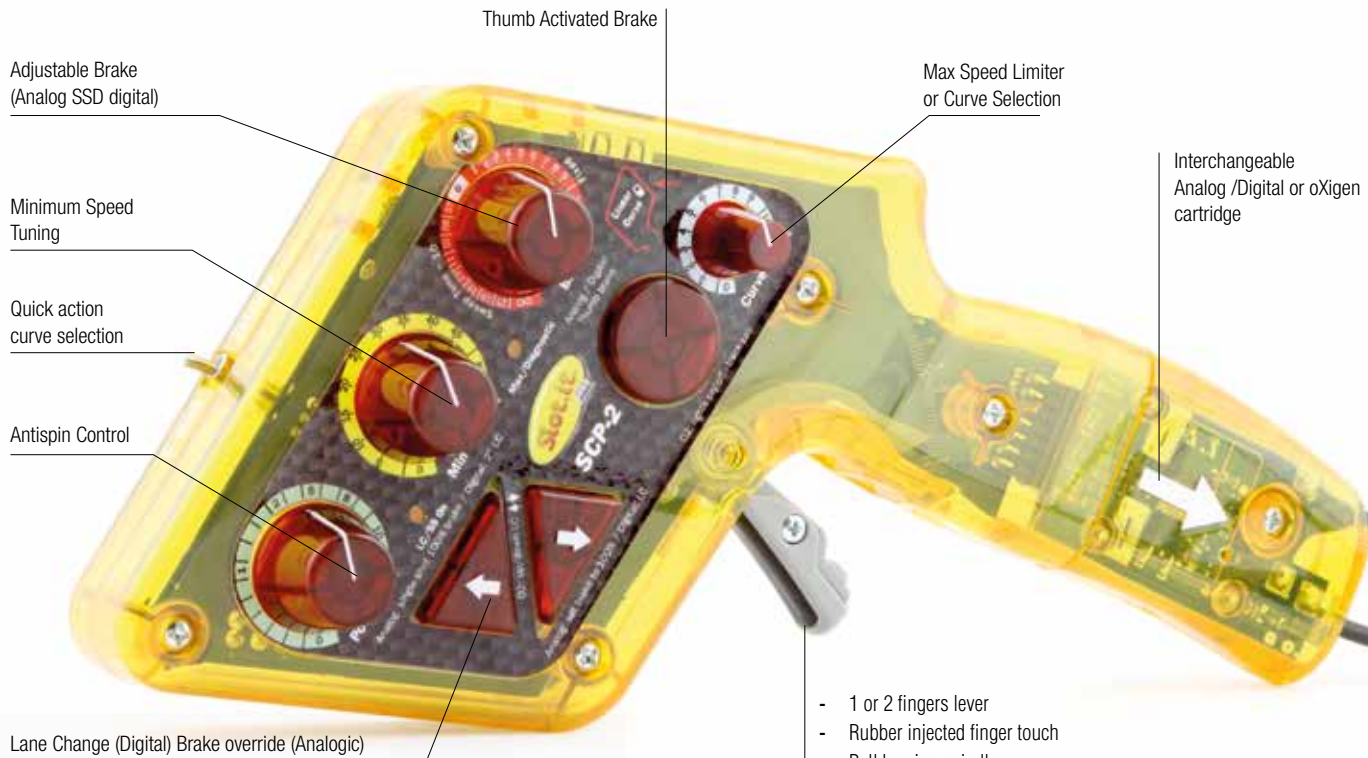


POLYCARBONATE COCKPITS			
S01-XA1	Polycarbonate cockpits for	Carrera	Audi A5 DTM
S02-XA1	Polycarbonate cockpits for	Carrera	BMW M3/M4 DTM
S03-XA1	Polycarbonate cockpits for	Carrera	Mercedes C-Klasse DTM
S04-XA1	Polycarbonate cockpits for	Scalextric	Audi Sport S1 Quattro
S05-XA1	Polycarbonate cockpits for	Scalextric	Lancia Delta S4
S06-XA1	Polycarbonate cockpits for	Scalextric	Bentley Continental GT3
S07-XA1	Polycarbonate cockpits for	Scalextric	Aston Martin Vantage GT3
S08-XA1	Polycarbonate cockpits for	Carrera	Ferrari 458
S09-XA1	Polycarbonate cockpits for	Scalextric	McLaren MP12-12C

Electronic Controller

SCP-2

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)

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

Analog controller

SCP-2



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

Digital controller

SCP-2



SCP201d
SCP2 universal digital controller

74



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

75



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

Electronic controller

Spare parts



SCP03a
Spare red plastic parts



SCP03b
Spare blue plastic parts



SCP03c
Spare yellow plastic parts



SCP202d
Yellow Cartridge Cover

Live Timing System

FOR ANY TYPE OF CONTROLLER

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



SCP201m

SCP2 Digital Controller oXigen cartridge - Live Timing Box

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 "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.

Live Timing System

Supported b compatible
wity PC Lap Counterh
DirectlySupport oXigen



TS01a

Live timing box

Programmable
in 10 languages



TS02a

Track interface



TS02b

Track to telemetry cable



TS03a

Sector time expansion cable



FREE
Live timing box PC
interface software.

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.

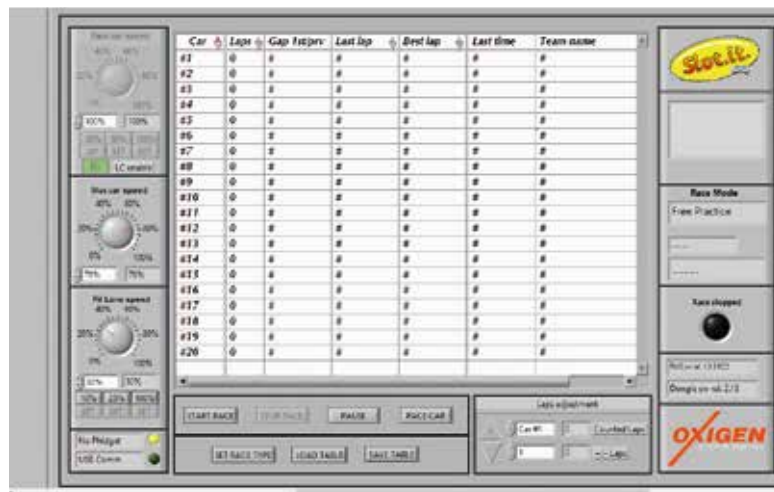
The open PC-dongle protocol for third party software is supported by PCLapCounter and RCS64. Designed, developed, supported by Slot.it, the reference company for slot car racing.

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

oXigen digital system



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

oXigen digital system/SSD



SCP2011

Electronic universal SCP radio interface

Turn your SCP into a wireless controller for any system

SCP201h

SCP2 Digital Controller oXigen cartridge



0201c

oXigen chip in-car controller



0201b1

oXigen chip in-car controller (type B)



0205c

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



0202a

oXigen radio cartridge



0203a

oXigen lane changer driver for Ninco/Carrera



0205b

oXigen battery holder



SP33

Spare Hall sensor for oXigen chips



SP34

Spare lighting kit connectors for oXigen chips (3x)



SP32

Spare IR LED on wires for oXigen and SSD chips



SP15b

Universal Hornby SSD upgrade PCB

83

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)

www.slot.it



slot car racing

Banner

1m Slot.it banner (h 80cm)

Distributors

Italy

Galileo Engineering srl
via Cavallotti 16
42122 Reggio Emilia
Italia
Tel./Fax +39 0522 920496
info@slot.it
www.slot.it

Australia/ New Zealand

Armchair Racer
1/18-20 Hotham Parade
Artarmon NSW 2064
Australia
Tel. +61 29 906 5566
cathy@armchairracer.com.au
www.armchairracer.com.au

Benelux

Q.U.I.C.K.
Victoria Regiistraat 32
1338 ZA - Almere
Nederland
Tel. +31 36 5370853
Fax +31 36 5370956
fred.quick@upcmail.nl
www.quickholland.com

Mexico

Modelismo Team S.A. de C.V.
Av. Insurgentes Sur 1352,
L-148 Col. del Valle,
Mexico D.F. 03100
Tel./Fax +52 55 5534 0177
modelismoteam@prodigy.net.mx
www.modelismoteam.com

Scandinavia

Vestergaard A/S
Jegindøvej 21
DK-8800 Viborg
Tel. +45 89 28 18 00
Fax +45 86 61 48 58
www.vestergaardgroup.com

Singapore

InTrigg Hobbies
410 Joo Chiat Road
Singapore 427636
tel. +65 6996-1238
www.intrigg-hobbies.com
enquiries@intrigg-hobbies.com

Brazil

B52 Modelismo
Rua Filinto de Almeida, 96
Santo André – SP
09190-020
Brazil
Tel. +5511 4425 2758
www.b52online.com.br

Czech Republic/ Slovakia

autodrahy.info
Tel. +420 475205600
Mob. +420 702910840
info@autodrahy.info
www.autodrahy.info

France

Fair International
24 rue Pasteur
Za de Ragon
44119 Treillieres
Tel. +33 962 363409
Mob. +33 613 501077
Fax +33 240 592815
fairslot@wanadoo.fr
www.fairslot.com

South Africa

Redipak Wholesalers
Unit 5, 159 Greenvale Road
Wilbart, Germiston,
1609 Gauteng
Rep. of South Africa
Tel. +27 11 455 5990
Fax +27 86 662 8613
info@redipak.co.za
www.redipak.co.za

Spain/ Portugal

IBB Auto Racing S.L.
C/ La Masia, 26
Pla de les Gavarres
08711 ODENA
Igualada (Barcelona)
Tel. +34 938 030 880
Fax +34 938 055 057
info@ibbautoracing.com
www.ibbautoracing.com

Switzerland

Arwico AG
Brühlstrasse 10
CH-4107 Ettingen
Tel. +41 617221222
Fax +41 617221244
www.arwico.ch

Ors Kart Racing
Avenue des Pâquiers 22
2072 Saint-Blaise
Tel. +41 32 753 02 25
scx@orskartesting.com
www.orskartesting.com

Germany/ Austria

H+T Motor Racing GmbH
Bert - Brecht - Strasse 43
DE - 64291 Darmstadt
Tel. +49 (0) 6150 84801
Fax +49 (0) 6150 84803
info@ht-motorracing.com
www.ht-autorennbahn.de

Greece

Creative Hobby
17 Vrilission str.
15236 Pendeli, Athens
Greece
Tel./Fax +30 210 6135518
Mob. +30 6977204530
nisko@creativehobby.gr
www.creativehobby.gr

Japan

Ban Project Co. Ltd
412-2 Nippa-cho
Kouhoku-ku, Yokohama,
Kanagawa 223-0057
Japan
Tel. +81-45-834-7673
Fax +81-45-834-7960
bborder@banproject.com
www.banproject.com

Taiwan

Iron Hero Corp.
No.26, Aly. 24, Ln. 158,
Guoji Rd., Tucheng Dist.,
New Taipei City
236, Taiwan (R.O.C.)
Tel: 886-287321133 /
886932908781
Fax: 886-287325232
kenlo@iron-hero.com
www.iron-hero.com

UK / Ireland

Gaugemaster Controls Ltd
Gaugemaster House,
Ford Road
Arundel, West Sussex,
BN18 0BN, United Kingdom
Tel. +44 (0) 1903 884 321
Fax +44 (0) 1903 884 377
www.gaugemaster.com

USA

Hornby America Inc.
3900-C2 Industry Dr. East
Fife, WA. 98424
Tel. +1 877 358 6405
Fax +1 253 922 7203
info@hornby.us
www.SlotIt-USA.com



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Galileo Engineering srl
via Cavallotti 16
42122 Reggio Emilia, Italy
Tel (+039) 0522 920496
Tel (+039) 0522 516244
Fax (+039) 0522 920496
E-mail: info@slot.it