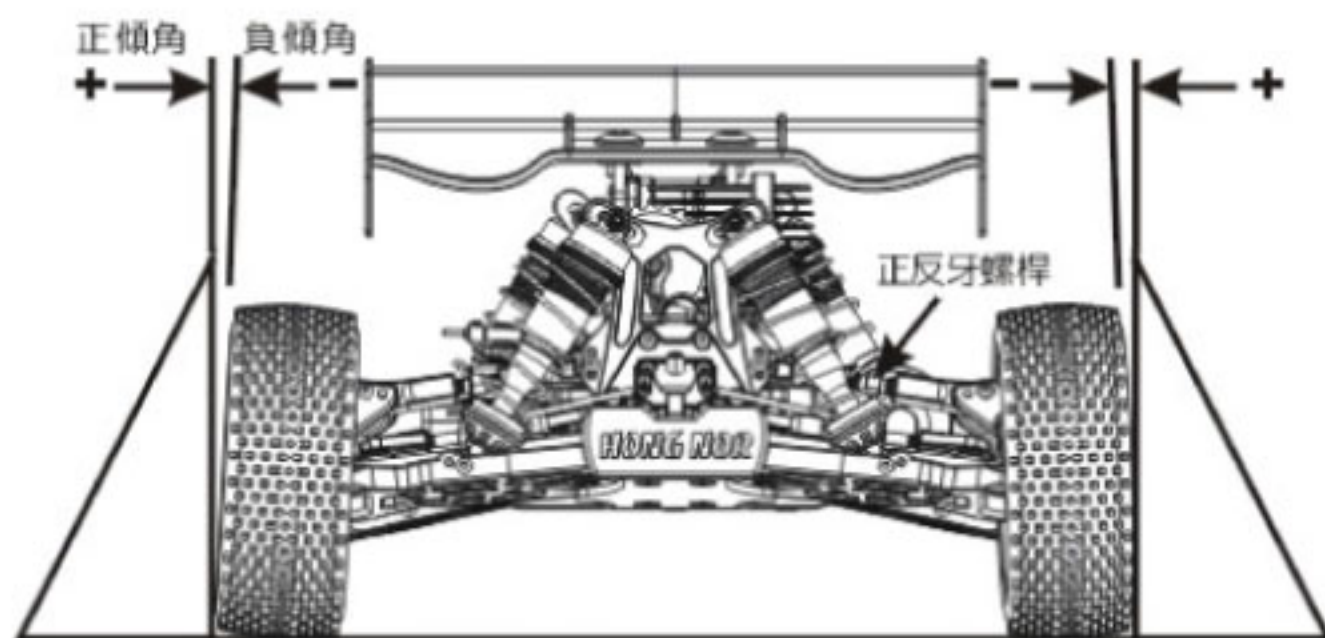
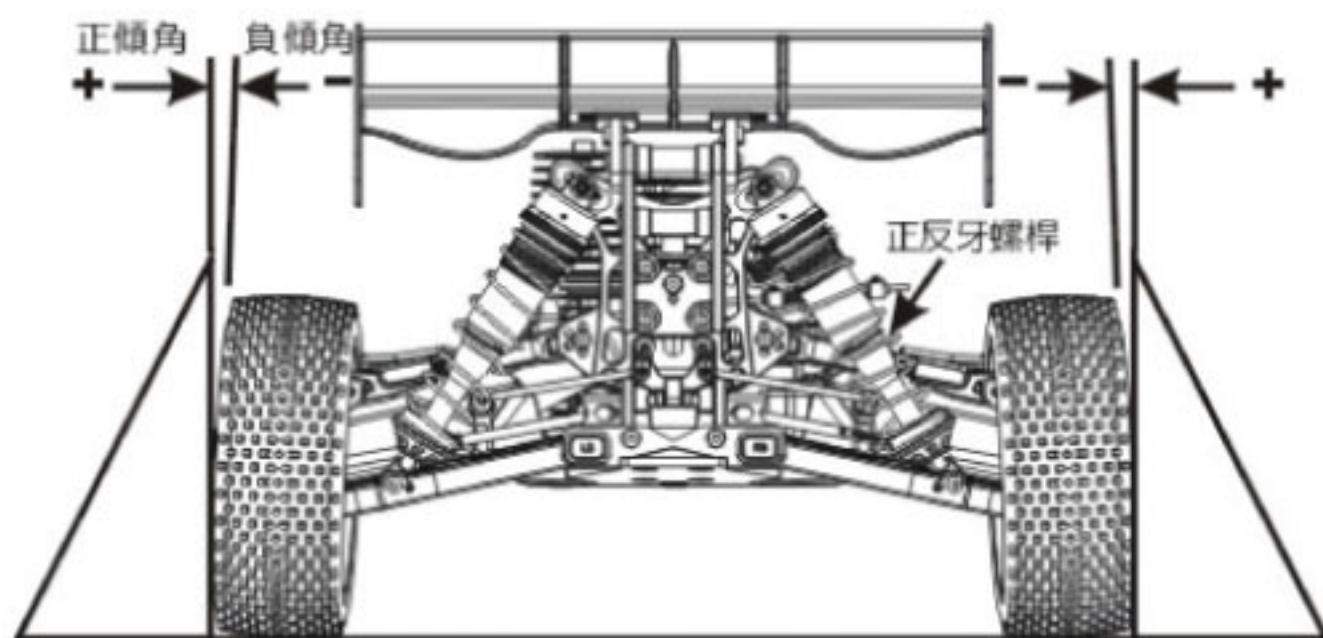


# 輪胎角度設定

## 前胎輪傾角調整



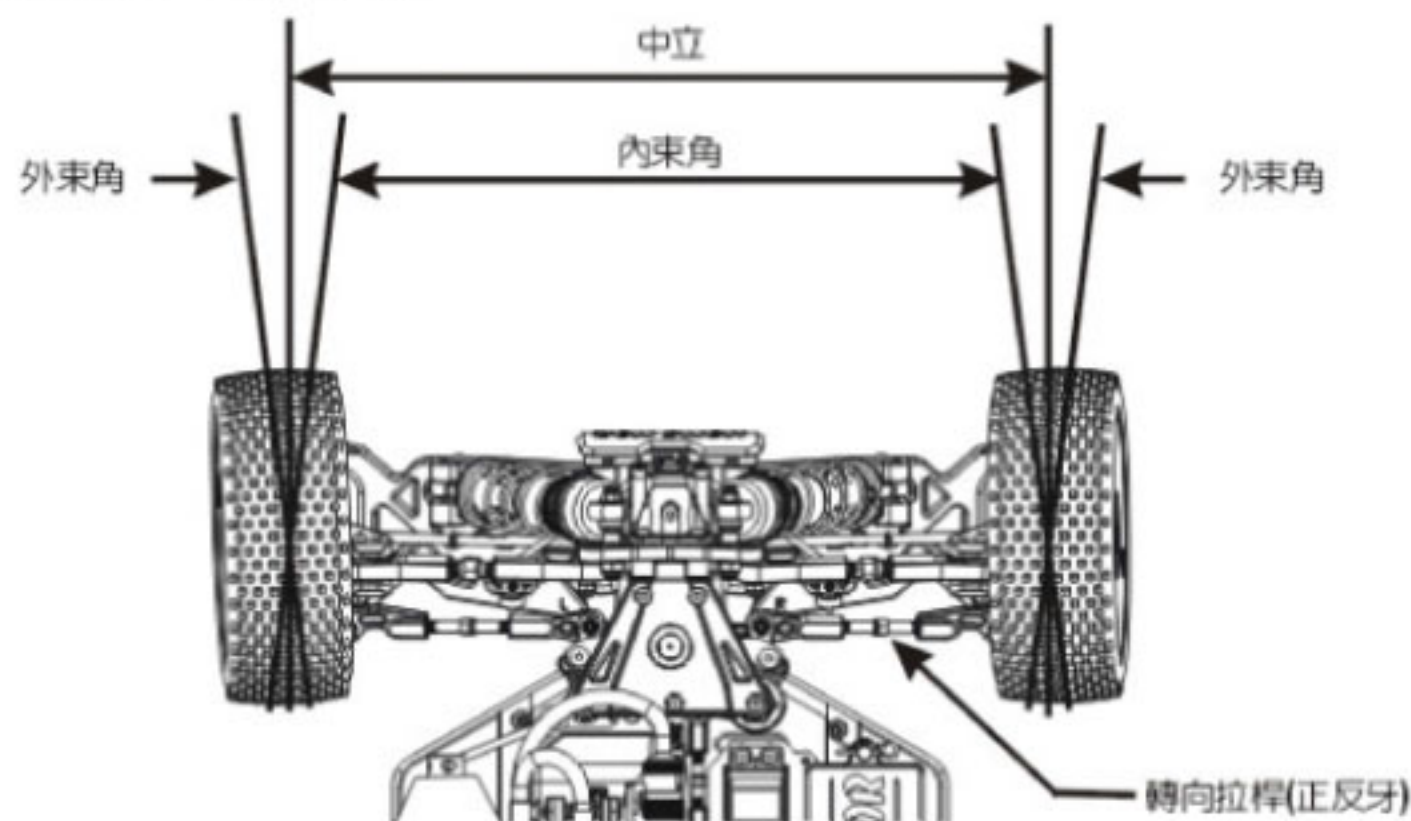
## 後胎輪傾角調整



- 將車體放置在平整桌面上並保持在正確離地高度。調整上擺臂長度使輪胎與地面垂直(0度)。
- 調整上擺臂“正反牙螺桿”長度可改變正負傾角設定。加長上擺臂-傾角變為-正傾角。縮短上擺臂-傾角變為-負傾角。

(我們建議前輪為0度,後輪為負1.5度。)

## 前輪內束角/外束角調整

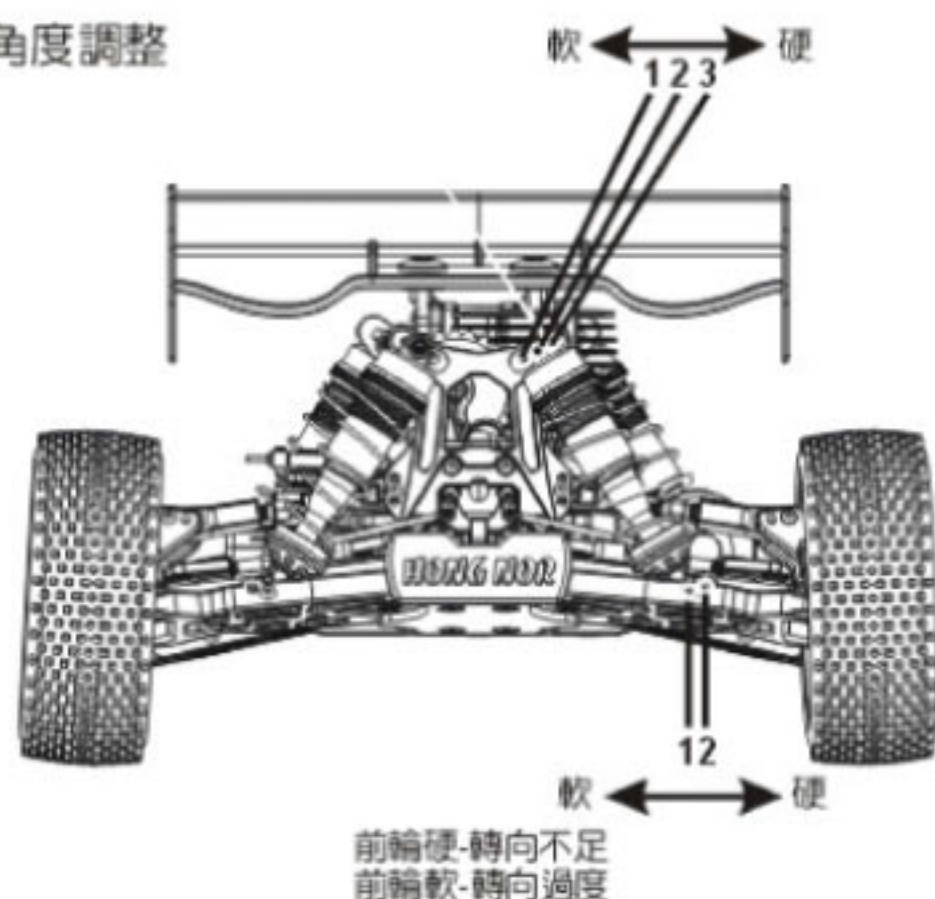


改變前輪轉向拉桿之長度可以改變前輪“內束角”與“外束角”。

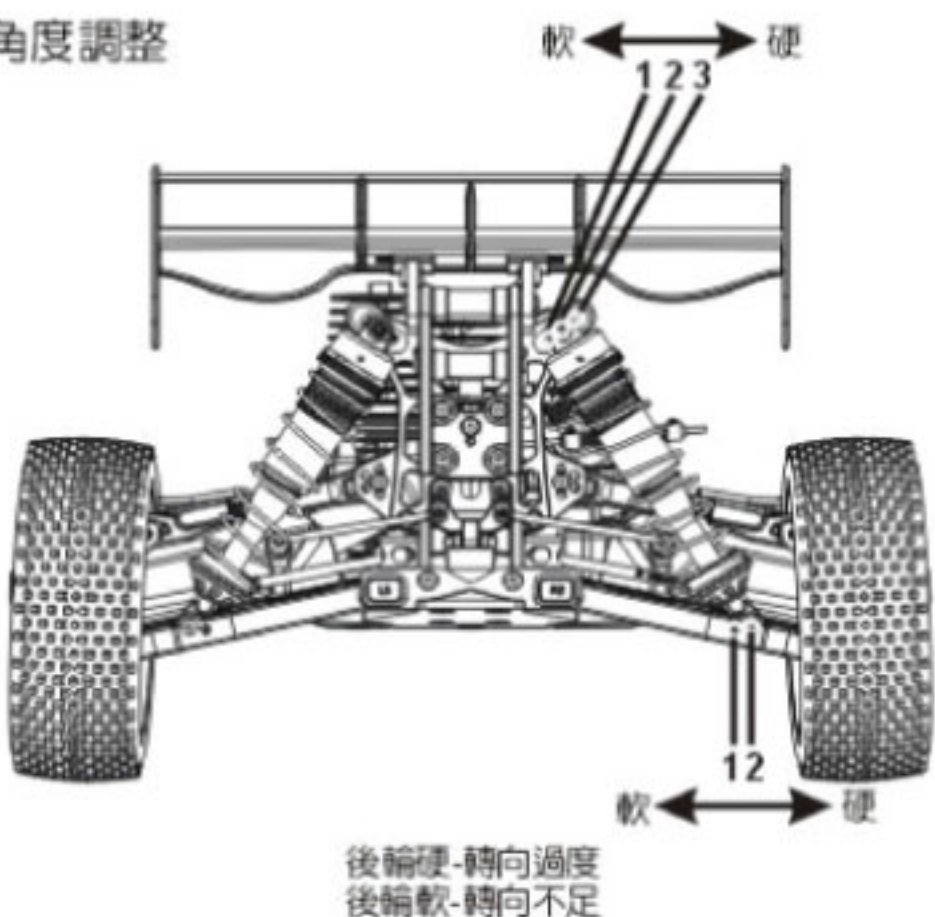
1. 將前輪轉向拉桿加長, 前輪會變成向內束角。此時轉向反應會變慢, 並且有轉向過度情形產生。
2. 將前輪轉向拉桿變短, 前輪會變成向外束角。此時轉向反應會變快, 並且有轉向不足情形產生。

- 油壓避震器會因安裝在不同位置, 而會使懸吊系統產生不同硬軟變化。
- 油壓避震器裝配位置愈往車體中心, 懸吊反應變軟, 前輪懸吊系統軟硬不同, 會產生不同轉向特性。
- 油壓避震器按裝孔位, 請依場地不同而調整在不同位置。

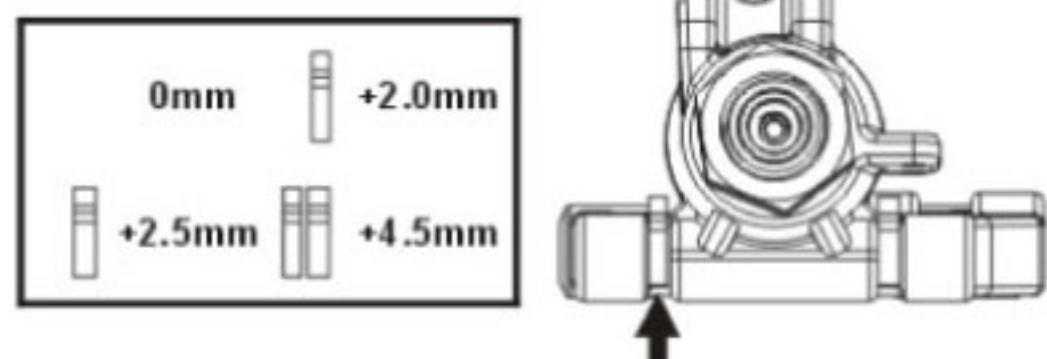
## 前油壓避震器角度調整



## 後油壓避震器角度調整



## 後輪軸距



- 透過使用在後輪座的插扣來調整軸距。
- 重要事項: 後輪座左右邊的插扣必需相同。

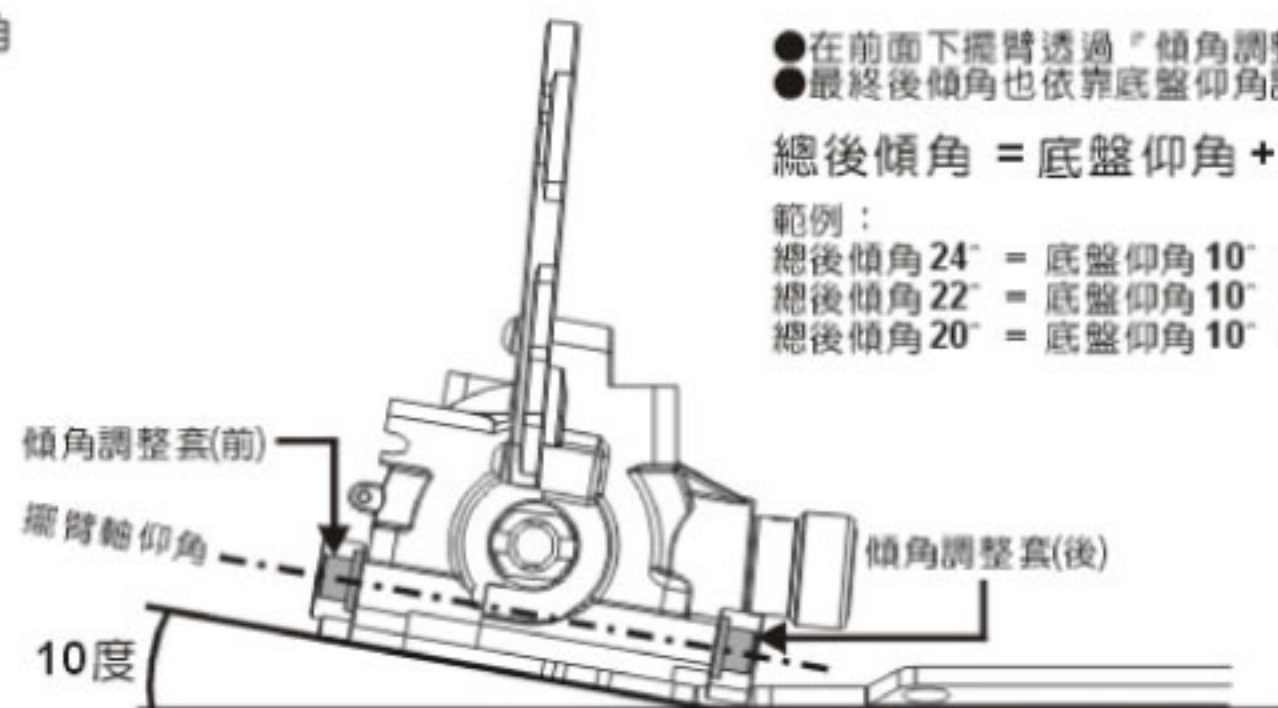
### 短軸距

- 在後輪座的前方減少插扣。
- 在加速時增加重心向後移動。
- 油門開啟時增加抓地力。
- 油門關閉時轉向會進彎角較靈敏。
- 油門開啟時出彎有輕微的轉向不足。
- 增加轉向反應。
- 對於較急彎與技術性跑道有較好操控性。

### 長軸距

- 在後輪座的前方增加插扣。
- 減少加速時重心向後移動。
- 增加行車穩定性。
- 最初操控反應緩慢(油門關閉時)。
- 改善油門開啟時的出彎性。
- 在不良起伏及凹凸路面有較好操控性。
- 在較寬及高速彎角跑道有較好的控制性。

## 後傾角



- 在前面下擺臂透過“傾角調整套”調整前面後傾角。
- 最終後傾角也依靠底盤仰角設定。

$$\text{總後傾角} = \text{底盤仰角} + \text{C型座後傾角} + \text{擺臂軸仰角}$$

範例:

$$\text{總後傾角 } 24^\circ = \text{底盤仰角 } 10^\circ + \text{C型座後傾角 } 12^\circ + \text{擺臂軸仰角 } +2^\circ$$

$$\text{總後傾角 } 22^\circ = \text{底盤仰角 } 10^\circ + \text{C型座後傾角 } 12^\circ + \text{擺臂軸仰角 } 0^\circ$$

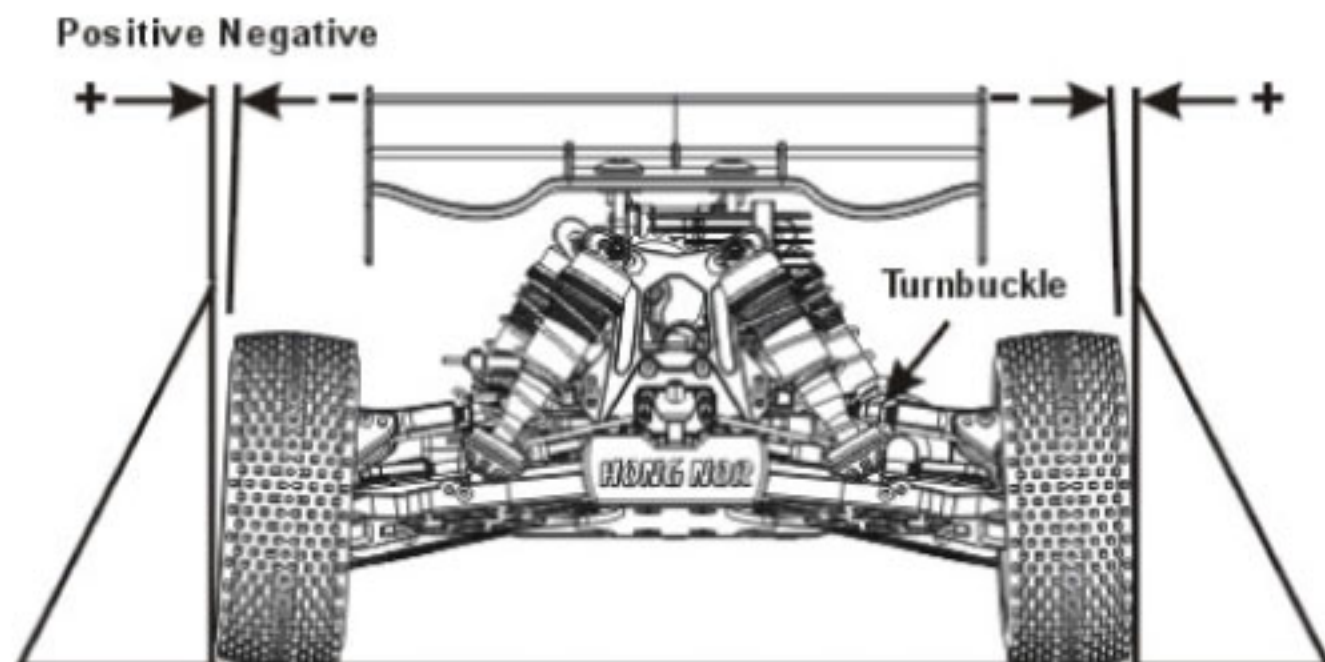
$$\text{總後傾角 } 20^\circ = \text{底盤仰角 } 10^\circ + \text{C型座後傾角 } 12^\circ + \text{擺臂軸仰角 } -2^\circ$$

後傾角	特性
較少的後傾角	<ul style="list-style-type: none"> <li>● 油門關閉時增加轉向進彎反應。</li> <li>● 油門開啟時降低進彎與出彎反應。</li> <li>● 降低直線加速穩定性。</li> </ul>
較多的後傾角	<ul style="list-style-type: none"> <li>● 油門關閉時降低轉向進彎反應。</li> <li>● 油門開啟時增加進彎與出彎反應。</li> <li>● 增加直線加速穩定性。</li> </ul>

傾角調整套(前)	擺臂軸仰角	傾角調整套(後)	傾角
⊙ 1°	+2°	1° ⊙	24°
⊙ 0.5°	+1.5°	1° ⊙	23.5°
⊙ 1°	+1°	0° ⊙	23°
⊙ 0.5°	+0.5°	0° ⊙	22.5°
⊙ 0°	0°	0° ⊙	22°
⊙ 0°	-0.5°	0.5° ⊙	21.5°
⊙ 0°	-1°	1° ⊙	21°
⊙ 1°	-1.5°	0.5° ⊙	20.5°
⊙ 1°	-2°	1° ⊙	20°

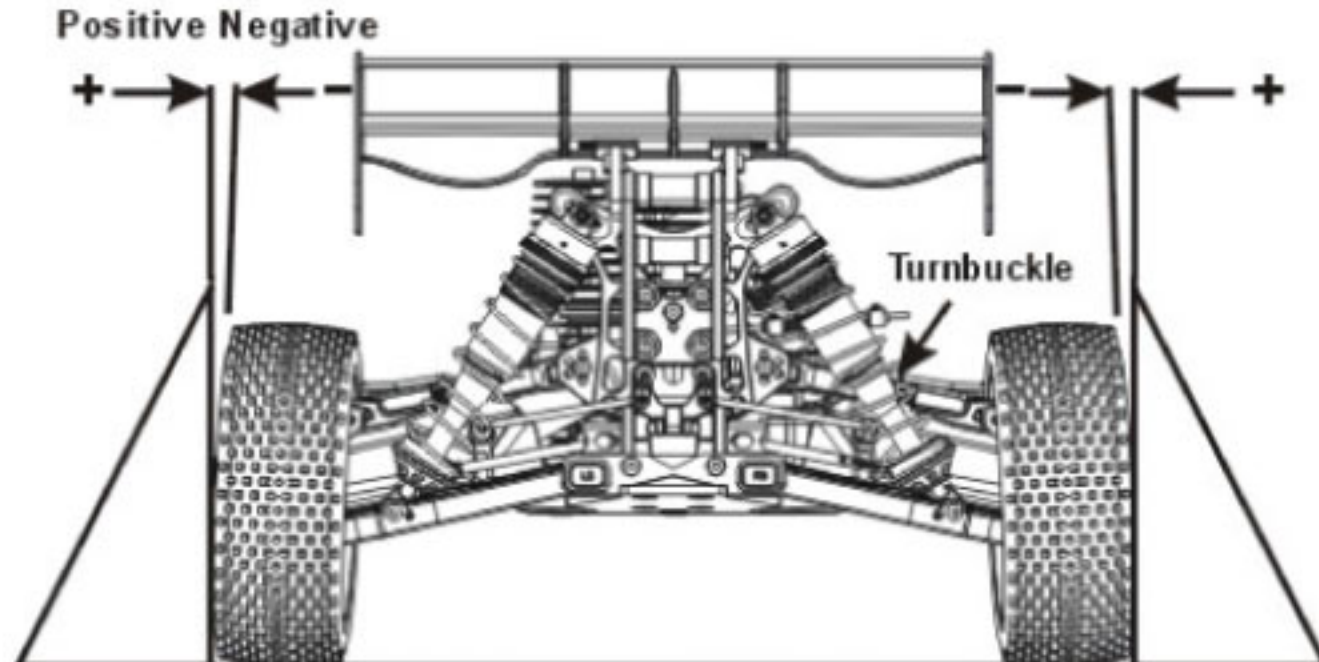
# SETTING GUIDE

## FRONT CAMBER ANGLE SETTING

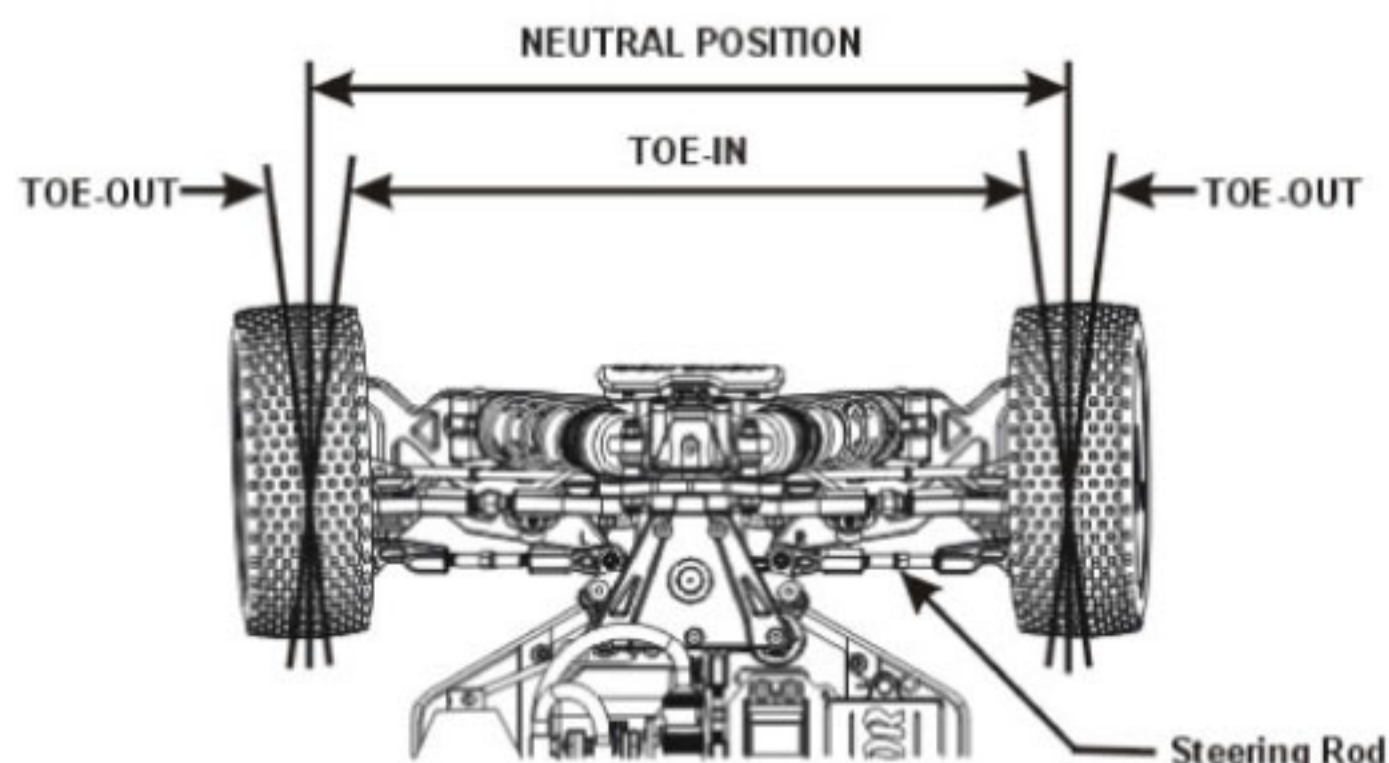


- Place the model car on flat surface. Raise the chassis to its maximum clearance before the wheels leave the ground.
- Adjust the length of the front and rear upper arms so that the wheels are vertical to the ground.
- Adjust the camber angle by turning the turnbuckle rod on the upper arms clockwise or anti-clockwise. (We suggest to use zero degree for the front and 1.5 degree negative for the rear.)

## REAR CAMBER ANGLE SETTING



## FRONT TOE-IN AND TOE-OUT SETTING



- Adjust the length of front steering rod to change the toe angle.
- Making the tie rod longer will make front tires toed in.
- Response will be slower and may over steer.
- Making the tie rod shorter will make front tires toed out.
- Response will be quicker and may under steer.

## REAR WHEELBASE

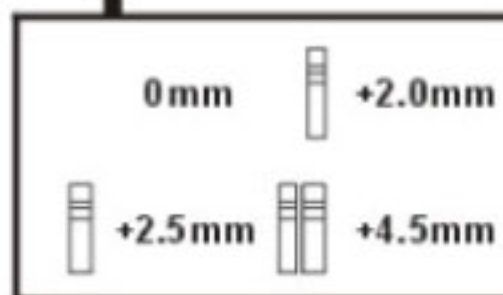
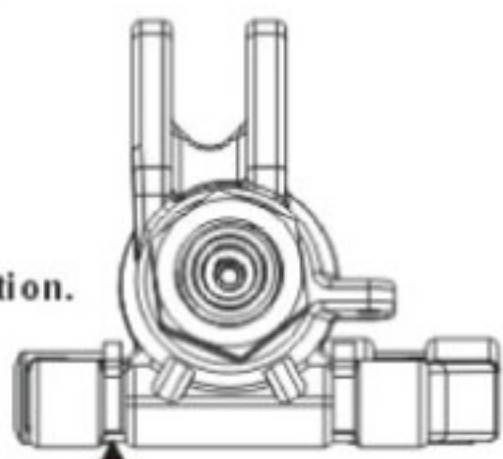
Adjust the wheelbase by using the spacers on either side of the rear wheel hub (at the bottom pin). **IMPORTANT!** Make equal adjustments on both left and right sides of the car.

### Shorter wheelbase

- less spacers in front of the rear wheel hub.
- increases rearward weight transfer during acceleration.
- increases on-power traction.
- quicker off-power steering into corners.
- slight tendency to push on-power at corner exit.
- increases steering response.
- better on tighter, more technical tracks.

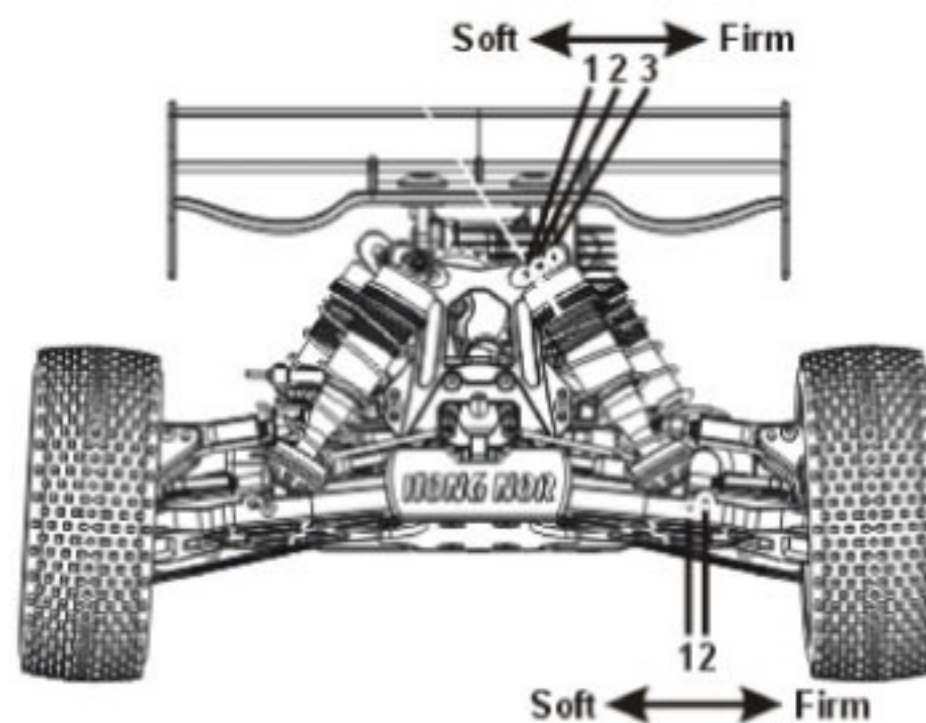
### Longer wheelbase

- more spacers in front of the rear wheel hub.
- decreases off-power steering into sharp corners.
- increases stability.
- slower initial steering reaction (off-power).
- improves on-power steering at corner exit.
- better handling over bumps and ruts.
- better on more open tracks with high-speed corners.



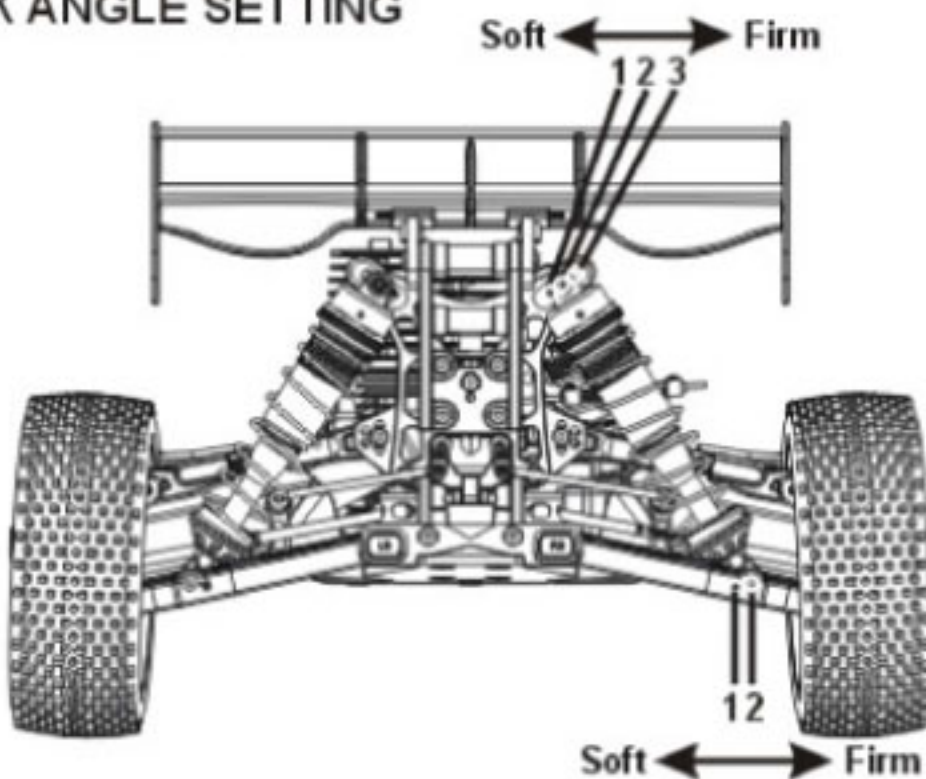
- Different shock positions will result in firmer or softer response of the suspension system.
- Install the shock in an inward angle will cause softer rebound. Softer or firmer suspension system will lead to different steering response.
- Adjust the shock angle positions according to track conditions.

## FRONT SHOCK ANGLE SETTING



Firm front suspension, less steering.  
Soft front suspension, more steering.

## REAR SHOCK ANGLE SETTING



Firm rear suspension, over steering.  
Soft rear suspension, under steering.

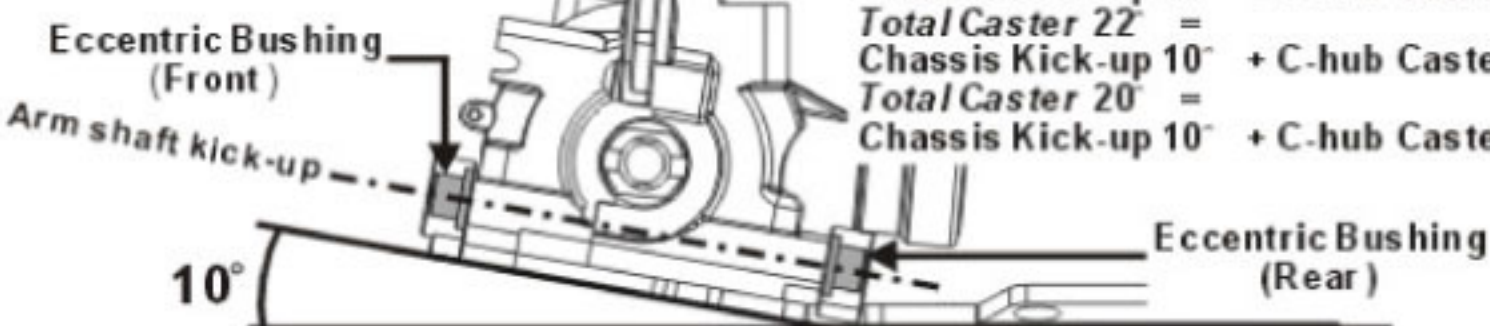
## CASTER ANGLE

- Adjust the front caster angle by changing the "Eccentric Bushing" on the front lower arm.
- The final caster also depends on the kick-up setting.

$$\text{TOTAL CASTER} = \text{CHASSIS KICK-UP} + \text{C-HUB CASTER} + \text{ARMSHAFT KICK-UP}$$

Example:

$$\begin{aligned} \text{Total Caster } 24^\circ &= \text{Chassis Kick-up } 10^\circ + \text{C-hub Caster } 12^\circ + \text{Arm Shaft Kick-up } +2^\circ \\ \text{Total Caster } 22^\circ &= \text{Chassis Kick-up } 10^\circ + \text{C-hub Caster } 12^\circ + \text{Arm Shaft Kick-up } 0^\circ \\ \text{Total Caster } 20^\circ &= \text{Chassis Kick-up } 10^\circ + \text{C-hub Caster } 12^\circ + \text{Arm Shaft Kick-up } -2^\circ \end{aligned}$$



Caster angle	Characteristics
Less caster	Increases off-power steering into a corner. Decreases on-power steering out of and in a corner. Decreases straight-line stability.
More caster	Decreases off-power steering into a corner. Increases on-power steering out of and in a corner. Increases straight-line stability.

Front Eccentric Bushing	Arm shaft Kick-up	Rear Eccentric Bushing
1°	+2°	1°
0.5°	+1.5°	1°
1°	+1°	0°
0.5°	+0.5°	0°
0°	0°	0°
0°	-0.5°	0.5°
0°	-1°	1°
1°	-1.5°	0.5°
1°	-2°	1°

## X3 SABRE SET-UP SHEET

AIR TEMP  F  C  
 LAPS   
 BEST LAP TIME  in LAP  
 TRACK SIZE  
 OPEN  MEDIUM  TIGHT  
 TRACK TRACTION  
 HIGH  MEDIUM  LOW

DIFFERENTIAL OIL

FRONT	CENTER	REAR
<input type="checkbox"/> STD	<input type="checkbox"/> STD	<input type="checkbox"/> STD
<input type="text"/>	<input type="text"/>	<input type="text"/>

OIL wt.

FRONT	CENTER	REAR
<input type="text"/>	<input type="text"/>	<input type="text"/>

CLUTCH

SHOE BRAND

COMPOUND  ALUM  CARBON

SPRING BRAND

TENSION  mm

CLUTCH SHOES  SHOE

GEARING

SPUR GEAR  T

PINION GEAR  T

TIRES

FRONT TYPE

COMPOUND

INSERT FOAM

REAR TYPE

COMPOUND

INSERT FOAM

ENGINE

TYPE

PORT

PLUG

NORMAL  TURBO

HEAD CLEARANCE

PIPE

FUEL BRAND

### FRONT

STEERING BAR  
 A  B  C

FRONT SPINDLE CARRIERS  
 PLASTIC  ALUM

STEERING KNUCKLE ARM  
 PLASTIC  ALUM

FRONT SPINDLE CARRIERS CASTER  
 20°  
 22°  
 24°

TOTAL CASTER  
 18°  22.5°  
 18.5°  23°  
 19°  23.5°  
 19.5°  24°  
 20°  24.5°  
 20.5°  25°  
 21°  25.5°  
 21.5°  26°  
 22°

SHOCK FRONT  
 SHOCK LENGTH  mm  
 OIL wt.   
 PISTON  mm  
 SPRING

SHOCK LENGTH

INSERT NR.

INSERT NR.

### REAR

WHEEL HUB  
 PLASTIC  ALUM

WHEELBASE SHIMS  
 0mm  2mm  
 2.5mm  4.5mm

SHOCK REAR  
 SHOCK LENGTH  mm  
 OIL wt.   
 PISTON  mm  
 SPRING

SHOCK LENGTH

INSERT NR.

INSERT NR.

R 105mm

RIDE HEIGHT  mm

SWAY BAR  mm

CAMBER ANGLE  °

TOE ANGLE  °

PLASTIC  ALUM

RIDE HEIGHT  mm

SWAY BAR  mm

CAMBER ANGLE  °

PLASTIC  ALUM

X3S PRO KIT 零件表

編號	品名	數量	編號	品名	數量
A-17B	油門伺服桿 2x60mm	2	X3-18	緩衝組彈簧	1
A-34B	防傾桿球型	2	X3-19	緩衝組調整環 /12 x 1.7 O環	1set
A-41A	6mm 球形	6	X3-20	緩衝組連接板 B	1
A-47A	5x10x4 培林	2	X3-21	緩衝組螺絲	2
A-53A	油門彈簧	2	X3-22	緩衝組襯套	2
A-67A	前避震軸心(短)	2	X3-23	煞車夾片	4
A-80A	煞車調整鈕	1	X3-24	玻璃纖維煞車碟 27mm	1
AS-03	輪胎內海綿	2	X3-25	煞車凸軸	2
BT-118	1/8 越野輪胎 Raipitor	2	X3-26	煞車夾片彈簧	4
E-37	6mm球型座	6	X3-27	煞車夾片調整螺絲	4
E-41	1/10 R掙	10	X3-28	煞車伺服桿彈簧	2
E-43	5x11x4 培林	8	X3-29	避震器上蓋	4
G-19	4x46 正反牙(黑)	4	X3-30	一體式避震器上支座	4
G-25	7mm球型	6	X3-31	7x8.5mm球型座	4
G-26	5x35mm正反牙(黑)	2	X3-32	7x12mm球型座	4
G-35	LX2排氣管固定桿	1	X3-33	4mm 內六角球型座	2
G-36	玻璃纖維煞車碟 31mm		X3-34	2.5x11.8 滾針	10
J-03A	P6 O環	2	X3-35	2.5 x12.8 滾針	10
J-20	13x16x0.2 墊片(鋼)	4	X3-36	煞車伺服桿 1.8 x 95mm	1
J-45-BR	9.5排氣管固定鋁座(咖啡)	1	X3-37-BK	引擎座 L.R (黑)	1set
J-47D	避震器防塵套(黑)	4	X3-38	差速器防漏墊片 31x20x0.3	3
J-47F	2.6mm尼龍帽	4	X3-39	4x8mm 引擎座螺絲	4
J-47G	10x1mm O環	4	X3-40	4x10 圓頭止付	4
JS-14B	6x10x3 培林	4	X3-41	X3S PC透明車殼	1
K-11A	伺服片轉接座	1set	X3-42	X3S 油箱	1
L-22	煞車桿	1	X3-43	差速殼	1
L-26	3x36 正反牙	2	X3-44	差速箱模	1set
MK-18	4mm鋁尼龍帽(咖啡)	4	X3-45	前下擺臂模 L.R	1set
PI-813P-A	2080一體式排氣管(鍍鎳)	1	X3-46	傾角調整套	1set
PI-801C	彈簧	3	X3-47	轉向座模 L.R	1set
PI-801D	排氣接嘴	2	X3-48	C型座 L.R	1set
PI-801B-P	1/8一體式U型彎管(鍍鎳)	1	X3-49	車殼柱/中支柱模	1set
X1-18	48t 大直齒	1	X3-50	塑膠拉桿球頭	1set
X1-26	8mm六角輪座(硬陽)	2	X3-51	緩衝組/三角板模	1set
X1-26A	六角螺帽(硬陽)	2	X3-52	防撞板/後防塵板	1set
X1-27	轉向襯套	4	X3-53	後下擺臂模 L.R	1set
X3-01	蝸型大傘齒 43t	1	X3-54	後輪座 L.R	1set
X3-02	蝸型小傘齒 13t	1	X3-55	定風翼架模	1set
X3-03	差速小傘齒(鋁)10tx4 20tx2	1set	X3-56	中差座模	1set
X3-04	前CVD傳動軸組107.5mm	1set	X3-57	防塵板 L.R	1set
X3-04A	前CVD傳動軸107.5mm	2	X3-58	接收機盒模	1set
X3-05	後CVD傳動軸組 105mm	1set	X3-59	伺服片模	1set
X3-05A	後CVD傳動軸 105mm	2	X3-60	1/8 濾清器組	1set
X3-06	CVD 結合軸 / 2.5 x12.8 滾針	4	X3-60A	濾清器海綿	2
X3-07	CVD輪軸	2	X3-61	8x14 培林	4
X3-08	前防傾桿 2.3mm 染黑	1	X3-62	13x20 培林	4
X3-09	後防傾桿 2.3mm 染黑	1	X3-63	X3S 螺絲包	1set
X3-10	前防傾桿 2.5mm 鍍鎳	1	X3S-01	CNC 7075-3mm輕量底盤	1
X3-11	後防傾桿 2.5mm 鍍鎳	1	X3S-02	CNC 7075-5mm前油壓架	1
X3-12	4x66mm 圓頭擺臂軸	2	X3S-03	CNC 7075-5mm後油壓架	1
X3-13	3.5 x 45.8 後輪座軸心	2	X3S-04	輕量差速接杯	2
X3-14	轉向座大王銷	4	X3S-05	CNC 7075 中央補強桿 (前.後)	1set
X3-15	擺臂襯套	4	X3S-05A	CNC 7075 中央補強桿 (前)	1
X3-16	緩衝組支柱	2	X3S-05B	CNC 7075 中央補強桿 (後)	1
X3-17	緩衝組鋁管	1	X3S-06	CNC 7075 前下擺臂固定座 (前)	1

**X3S PRO KIT 零件表**

編號	品名	數量	編號	品名	數量
X3S-07	CNC 7075 前下擺臂固定座(後)	1	#363	鋁合金十字軸心	6
X3S-08	CNC 7075 後上反角固定座	1	#373	油箱拉環(黑)	1 set
X3S-09	CNC 7075 後Toe-in固定座	1	#374	3x20 反牙內六角圓机	4
X3S-10	中央 CVD 傳動接杯	1	#380	高下壓力定風翼	1
X3S-11	中央 CVD傳動軸組(前)101.5mm	1set	#387A	16mm外牙筒身(短)	2
X3S-11A	中央 CVD傳動軸(前)101.5mm	1	#387B	16mm外牙筒身(長)	2
X3S-12	中央 CVD 傳動軸組(後)113mm	1set	#387D-G	16mm避震器調整環(金)	4
X3S-12A	中央後 CVD傳動軸(後)113mm	1	#387F	19x1.5mm O環	4
XT-30B	油箱柱模	1 set	#387G	彈簧止座塑膠模	1set
#105	14t 離合器罩	1set	#387P	16mm避震器活塞模	1set
#139	1/8彎管彈簧	1	#387S	16mm避震器修理包	1set
#150-BK	開關防塵套(黑)	1	#388	16mm避震器用氣室 桔色	4
#155B	車殼插梢	4	#389C	16mm避震器彈簧(鍍鎳)	4
#158	鋁輪檔	6	#390A	16mm避震器彈簧(灰色)	4
#159-BK	油管(黑)	1	#401W	平面框	4
#234Y	5x8x2.5 培林	2	#406A	S形濾清器彎管	1
#254 BR	濾油隔(咖啡)	1 set	#407A	3片式飛輪(金), 9mm	1
#264B	7mm錐形套	1	#407E	SG軸中心螺帽	1
#267D	8x16 培林	8	#407B	鋁離合器片(紅)	3
#267E	2.5 x 16.8 滾針	4	#407C	1.0mm離合器片彈簧	3
#316A	後避震軸心(長)	2			

螺絲類別 SCREW.NUT etc.

編號	規格 mm	數量 pcs	編號	規格 mm	數量 pcs
 半丸內六角螺絲 Round Head Hex Screw			 止付螺絲 Set Screw		
SB2.5x5	2.5x5	8	SS3x3	3x3	16
SB2.5x8	2.5x8	8	SS3x6	3x6	12
SB3x5	3x5	16	SS4x4	4x4	12
SB3x8	3x8	16	SS4x6	4x6	12
SB3x10	3x10	16	 尼龍螺帽 Nylon Nut		
SB3x12	3x12	16			
SB3x15	3x15	12	SNN2.6	2.6mm	12
SB3x18	3x18	12	SNN3	3mm	20
SB3x20	3x20	10	SNN4	4mm	20
SB3x22	3x22	10	 墊片 Washer		
SB3x25	3x25	10			
SB3x35	3x35	10	SW2.6x6x0.5	2.6x6x0.5	16
SB4x15	4x15	10	SW3x6x0.5	3x6x0.5	12
SB4x18	4x18	10	SW3x8x0.5	3x8x0.5	12
 皿頭內六角螺絲 Flat Head Hex Screw			SW4x10x0.15	4x10x0.15	8
			SW5x8x0.3	5x8x0.3	8
			SW8x12x0.3	8x12x0.3	8
SF3x8	3x8	14	 彈簧墊片 Spring Washer		
SF3x10	3x10	14			
SF3x12	3x12	14	SWS3x5	3x5mm	10
SF3x15	3x15	14	 有頭內六角螺絲 Cap Screw		
SF3x16	3x16	14			
SF3x18	3x18	12	SC2x8	2x8	6
SF3x35	3x35	12	SC2x12	2x12	6
SF4x10	4x10	12	SC3x5	3x5	8
SF4x12	4x12	12	SC3x12	3x12	8
SF4x16	4x16	12			


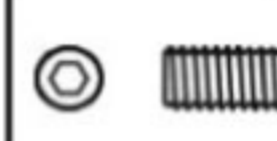





**X3S PRO KIT Parts List**

Part No.	Description	Q'TY	Part No.	Description	Q'TY
A-17B	Brake Rod	2	X3-18	Servo Saver Spring	1
A-34B	Stabilizer Ball End	2	X3-19	Servo Saver Adjuster /12 x 1.7 O-Ring	1set
A-41A	6mm Ball	6	X3-20	Servo Saver Connecting Plate B	1
A-47A	Bearing 5X10X4	2	X3-21	Servo Saver Screw	2
A-53A	Throttle Spring	2	X3-22	Servo Saver Bushing	2
A-67A	Shock Shaft (front)	2	X3-23	Brake Pad	4
A-80A	2mm Adjust Nut	1	X3-24	Brake Disk (Fiber-Glass)27mm	1
AS-03	Inner Sponge for Tire	2	X3-25	Brake Cam	2
BT-118	1/8 Buggy Tires "Raptor"	2 pcs	X3-26	Brake Pad Spring	4
E-37	6mm Ball & Socket	6	X3-27	Brake Pad Screw	4
E-41	Body Pin (small)	10	X3-28	Brake Rod Spring	2
E-43	5x11x4 Ball Bearing	8	X3-29	16mm Alum. Shock Cap	4
G-19	4x46 Turnbuckle	4	X3-30	Shock Mount	4
G-25	7mm Ball	6	X3-31	7x8.5mm Ball & Socket	4
G-26	5x35 Turnbuckle	2	X3-32	7x12mm Ball & Socket	4
G-35	Muffler Stay 44.5mm	1	X3-33	Hex 4mm Ball & Socket	2
G-36	Brake Disk (Fiber-Glass)13x31mm	2	X3-34	2.5x11.8 Pin	10
J-03A	P-6 O-Ring	2	X3-35	2.5 x12.8 Pin	10
J-20	Diff Bevel Gear Shim 13x16x0.2mm	4	X3-36	Brake Link 1.8 x 95mm	1
J-45-BR	Muffler Stay Post, brown	1	X3-37-BK	Engine Mount L.R (Black)	1set
J-47D	Shock Shaft Dust Covers	4	X3-38	Diff Gasket 31x20x0.3	3
J-47F	M2.5 Nut	4	X3-39	4x8mm Engine Mount Screw	4
J-47G	10x1mm O-Ring	4	X3-40	4x10 Round Head Set Screw	4
JS-14B	6x10 Ball Bearing	4	X3-41	X3S PC Body, Clear	1
K-11A	Insert for Servo Saver	1set	X3-42	X3S Fuel Tank	1
L-22	Brake Lever	1	X3-43	Diff. Case (F&R)	1
L-26	3x36mm Turnbuckle	2	X3-44	Gear Case	1
MK-18BR	4mm Flange Nut, brown	4	X3-45	Front Lower Arms L,R	1set
PI-813P-A	1/8 EFRA-2080 PIPE	1	X3-46	Suspension Bracket Insert	1set
PI-801C	1/8 Spring	3	X3-47	Steering Knuckle Arm L,R	1set
PI-801D	1/8 Seal, Silicone	2	X3-48	Front C Hub L,R	1set
PI-801B-P	1/8 Manifold	1	X3-49	Body Post/Center Brace	1set
X1-18	Steel Spur Gear 48T	1	X3-50	Plastic Rod End	1set
X1-26	Alum. Wheel Hub	2	X3-51	Servo Saver Set/Front Top Deck	1set
X1-26A	Alum. Wheel Nut	2	X3-52	Front Bumper/Rear Mud Guard	1set
X1-27	Knuckle Arm Bushing	4	X3-53	Rear Lower Arms L,R	1set
X3-01	Spiral Bevel Gear 43t	1	X3-54	Rear Hub L.R	1set
X3-02	Spiral Bevel Gear 13t	1	X3-55	Rear Wing Mount	1set
X3-03	Diff. Gear 10tx4 20tx2	1set	X3-56	Center Diff Holder Part	1set
X3-04	Front CVD Universal Joint Set 107.5mm	1set	X3-57	Side Guard L.R	1set
X3-04A	Front CVD Drive Shaft 107.5mm	2	X3-58	Receiver/Battery Box	1set
X3-05	Rear CVD Universal Joint Set 105mm	1set	X3-59	Throttle/Steering Level Set	1set
X3-05A	Rear CVD Drive Shaft 105mm	2	X3-60	1/8 Air Filter /Foam	1set
X3-06	Drive Shaft Insert / 2.5 x12.8 Pin	4	X3-60A	Air Filter Foam	2
X3-07	CVD Wheel Axle	2	X3-61	8x14 Ball Bearing	4
X3-08	Front Anti-Roll Bar 2.3mm, Black	1	X3-62	13x20 Ball Bearing	4
X3-09	Rear Anti-Roll Bar 2.3mm, Black	1	X3-63	X3S Screw Bag	1set
X3-10	Front Anti-Roll Bar 2.5mm, Nickel Plating	1	X3S-01	CNC 7075-3mm Lightweight Chassis	1
X3-11	Rear Anti-Roll Bar 2.5mm, Nickel Plating	1	X3S-02	CNC 7075-5mm Front Shock Tower	1
X3-12	4 x 66mm Arm Shaft	2	X3S-03	CNC 7075-5mm Rear Shock Tower	1
X3-13	3.5 x 45.8 Rear Upright Shaft	2	X3S-04	Diff. Cap Joint (Lightweight)	2
X3-14	Steering King Pin	4	X3S-05	CNC 7075 Chassis Brace (F/R)	1set
X3-15	Front Arm Bushing	4	X3S-05A	CNC 7075 Chassis Brace (F)	1
X3-16	Servo Saver Post	2	X3S-05B	CNC 7075 Chassis Brace (R)	1
X3-17	Alum. Servo Saver Tube	1	X3S-06	CNC 7075 Suspension Bracket , FF	1

### X3S PRO KIT Parts List

Part No.	Description	Q'TY	Part No.	Description	Q'TY
X3S-07	CNC 7075 Suspension Bracket , FR	1	#363	Alum. Diff Cross Pin (Hard-Coated)	6
X3S-08	CNC 7075 Suspension Bracket , RF	1	#373BK	Fuel Tank Lid Opener	1 set
X3S-09	CNC 7075 Suspension Bracket , RR	1	#374	3x20 Left Hands Threaded	4
X3S-10	Center CVD Cap Joint	1	#380	1/8 High Force Wing, White	1
X3S-11	Center CVD Universal Joint Set(Front)101.5mm	1set	#387A	16mm Front Shock Body	pair
X3S-11A	Center CVD Drive Shaft (Front)101.5mm	1	#387B	16mm Rear Shock Body	pair
X3S-12	Center CVD Universal Joint Set(Rear)113mm	1set	#387D-G	16mm Shock Spring Adjuster	4
X3S-12A	Center CVD Drive Shaft (Rear)113mm	1	#387F	19 x 1.5mm O-Ring	4
XT-30B	Fuel Tank Post	1 set	#387G	Plastic Shock Spring Holder	1set
#105	14T Clutch Bell	1set	#387P	16mm Shock Piston	8
#139	Manifold Spring	2	#387S	Repair Kit for #387	1set
#150-BK	Switch Cover, black	1	#388	16mm Pressure Top (Orange)	4
#155B	Body Clips	1set	#389C	16mm Shock Spring , Hard (nickel-plating)	4pcs
#158	Alum. Stopper	6 pcs	#390A	16mm Shock Spring, Soft (Grey)	4pcs
#159-BK	Fuel Tube , BK	1	#401W	84mm Dish Wheel, White 4 pcs	4pcs
#234Y	5x8x2.5 Ball Bearing	2	#406A	Air Filter Connector, S	1pc
#254 BR	Fuel Filter (brown)	1 pc	#407A	3-Pin Flywheel, 9mm (gold)	1pc
#264B	Taper Cone 7mm Brass	1	#407E	SG shaft nut	1pc
#267D	8x16 Ball Bearing	8	#407B	Clutch Shoes, red	3pcs
#267E	2.5 x 16.8 Pin	4	#407C	Clutch Spring 1.0 mm. black	3pcs
#316A	Shock Shaft (Rear)	2			

#### SCREW.NUT etc.

Part NO.	Size(mm)	pcs	Part NO.	Size(mm)	pcs
	Round Head Hex Screw			Set Screw	
SB2.5x5	2.5x5	8	SS3x3	3x3	16
SB2.5x8	2.5x8	8	SS3x6	3x6	12
SB3x5	3x5	16	SS4x4	4x4	12
SB3x8	3x8	16	SS4x6	4x6	12
SB3x10	3x10	16		Nylon Nut	
SB3x12	3x12	16			
SB3x15	3x15	12	SNN2.6	2.6mm	12
SB3x18	3x18	12	SNN3	3mm	20
SB3x20	3x20	10	SNN4	4mm	20
SB3x22	3x22	10		Washer	
SB3x25	3x25	10			
SB3x35	3x35	10	SW2.6x6x0.5	2.6x6x0.5	16
SB4x15	4x15	10	SW3x6x0.5	3x6x0.5	12
SB4x18	4x18	10	SW3x8x0.5	3x8x0.5	12
	Flat Head Hex Screw		SW4x10x0.15	4x10x0.15	8
			SW5x8x0.3	5x8x0.3	8
			SW8x12x0.3	8x12x0.3	8
SF3x8	3x8	14		Spring Washer	
SF3x10	3x10	14			
SF3x12	3x12	14			
SF3x15	3x15	14	SWS3x5	3x5mm	10
SF3x16	3x16	14		Cap Screw	
SF3x18	3x18	12			
SF3x35	3x35	12			
SF4x10	4x10	12	SC2x8	2x8	6
SF4x12	4x12	12	SC2x12	2x12	6
SF4x16	4x16	12	SC3x5	3x5	8
			SC3x12	3x12	8

**HONG NOR**

鴻諾企業有限公司

HONG NOR ENTERPRISE CO.,LTD.

5F NO.181-2, CHUNG HSING ROAD,

HSICHIH CITY, TAIPEI HSIEN,

TAIWAN, R.O.C.

TEL: 886 2-2694-0345

FAX: 886 2-2694-1632

[www.hongnor-racing.com](http://www.hongnor-racing.com)