NOTICE

TH =Apply Thread Lock Adhesive
=使用螺絲防鬆膠

CA =Apply CA Glue
=使用瞬間接著劑

GE =Apply Grease
=使用潤滑油

BAG 01



R105104
3x6 Round Screw (10)



R105204
3x8mm Flat Screw (10)

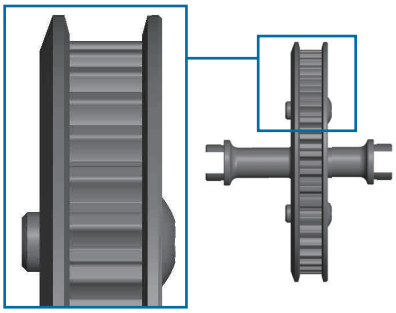


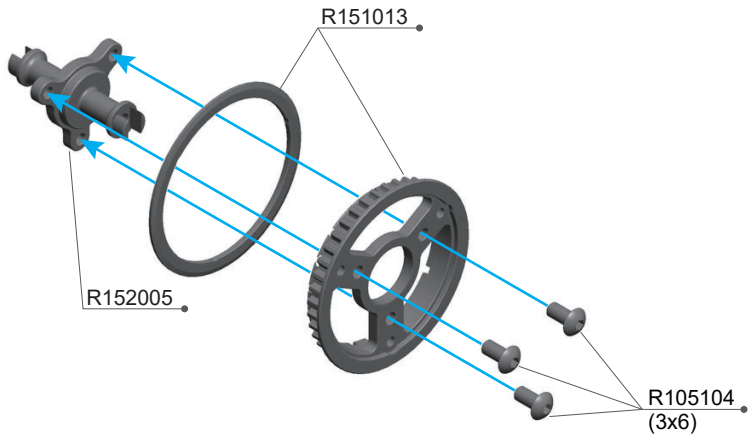
R156002
6x10x3 Ball Bearing Rubber Seal (2)

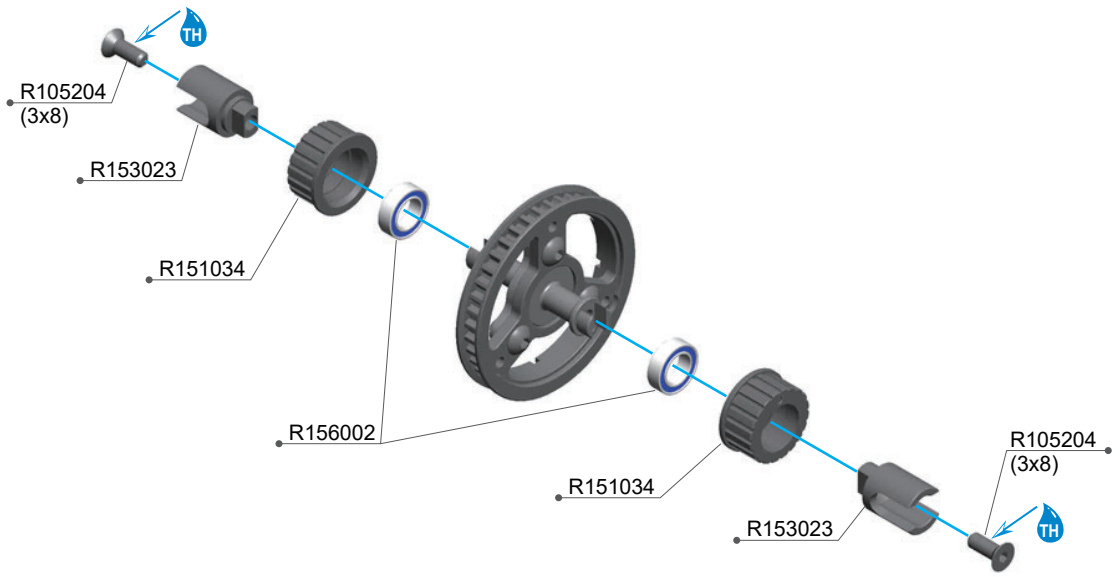
1:1 Scale

PULLEY COVER DIRECTION
請注意方向

Please make sure the pulley cover is oriented with the bevel side out.
請依圖示方向組裝皮帶輪側蓋。







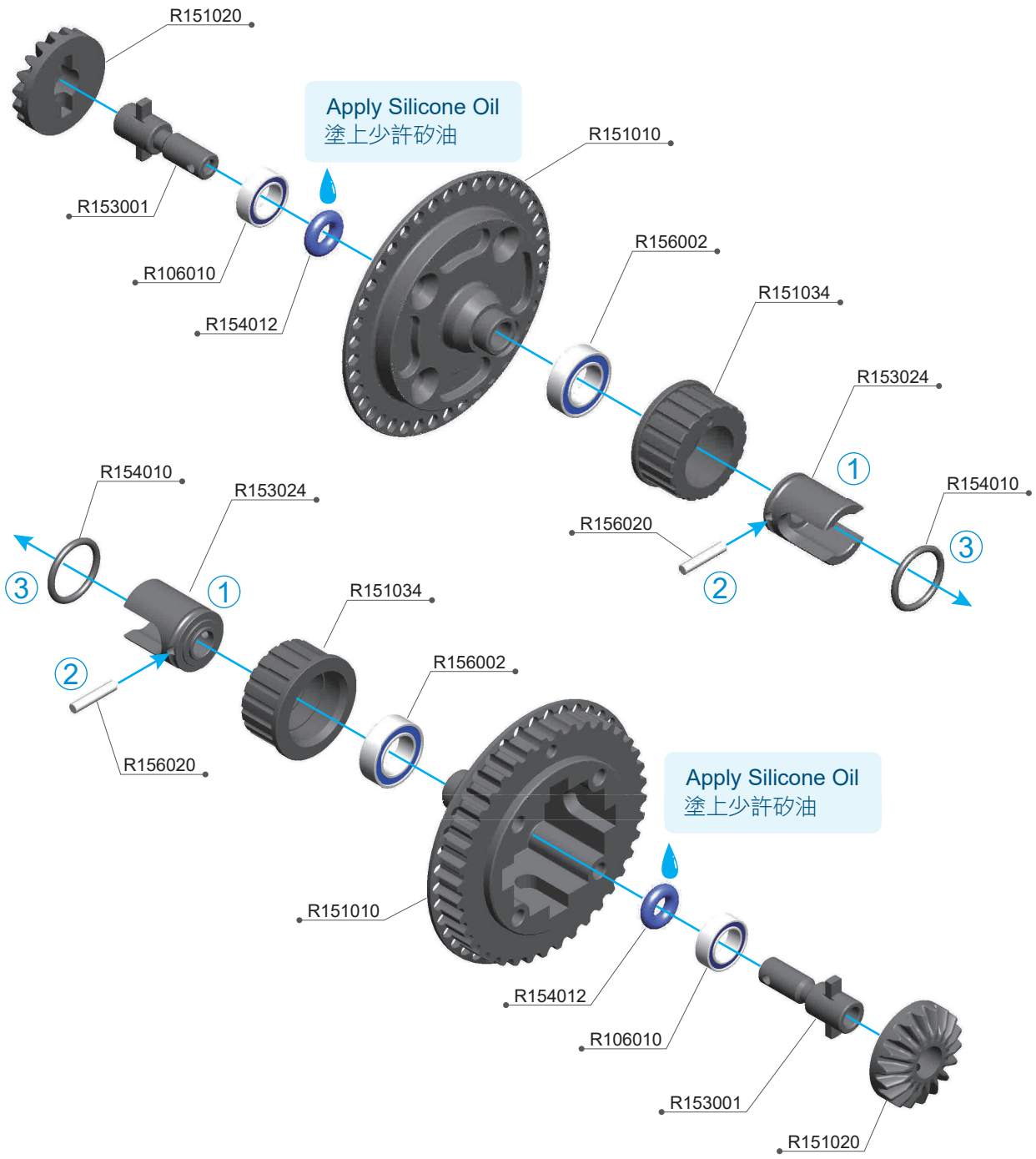
R105104	3x6 Round Screw (10)
R105204	3x8mm Flat Screw (10)
R151013	Front Pulley 40T
R151034	Eccentric Hub 10mm (4)
R152005	Solid Axle Shaft 40T
R153023	Solid Axle Outdrive B-Steel (2)
R156002	6x10x3 Ball Bearing Rubber Seal (2)

R156020 Ø1.5x7.8 Pin (10)

R106010 5x8x2.5mm Ball Bearing (4)

R156002 6x10x3 Ball Bearing Rubber Seal (2)

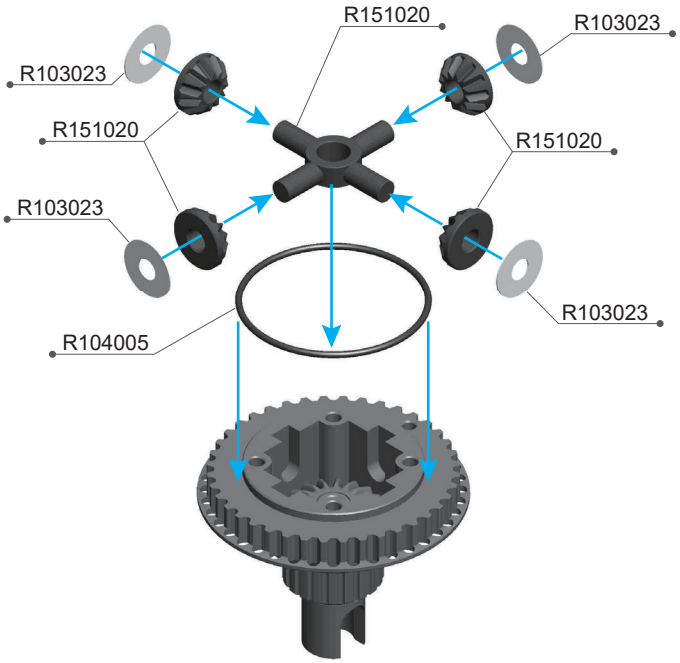
1:1 Scale



R106010	5x8x2.5mm Ball Bearing (4pcs)	R153024	Gear Diff Outdrive (2)
R151010	40T Diff Case	R154010	O'ring 7x1 (8)
R151020	A11 Diff Bevel + Satellite Gears Set	R154012	Gear Diff Oil Seal (4)
R151034	Eccentric Hub 10mm (4)	R156002	6x10x3 Ball Bearing Rubber Seal (2)
R153001	Gear Diff Shaft (2)	R156020	1.5x7.8mm Pin (10)

R105201
2.5x8mm Flat Screw (10)

1:1 Scale



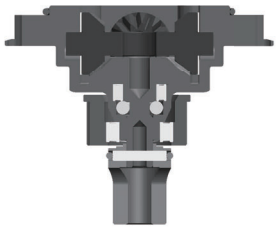
NOTICE



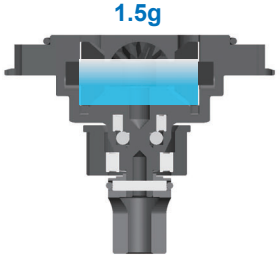
Trim any excess flashing from the diff gear axle at the mold injection point.
請將十字軸邊緣多餘的合模線修順，可使差速的運做更順暢。

Silicone Oil #10K Cst





1.5g



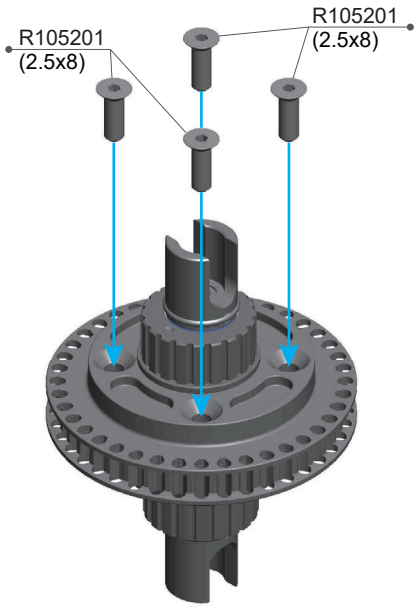
Differential Oil Selection / 差速器油選擇

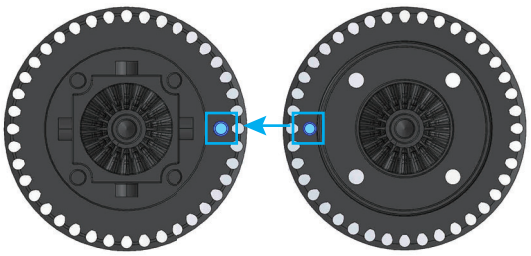
For initial setup we recommend starting with 10,000 Cst in the gear differential.

- Technical / Small Tracks:
  Use 6,000 Cst for increased rotation and improved agility in tight corners and hairpins.
- Open / Fast Tracks:
  Use 10,000 Cst to achieve maximum corner speed, improved stability and a smoother, more rounded driving feel.

初始設定時，我們建議齒輪差速器使用 10,000 Cst 的差速器油。

- 技術型/小型賽道：
  使用 6,000 Cst 的差速器油，以提高轉彎時的旋轉速度，增強在急彎和髮夾彎的操控靈活性。
- 開闊型/高速賽道：
  使用 10,000 Cst 的差速器油，以獲得最大彎道速度、更高的穩定性以及更平順、更圓潤的駕駛感受。





NOTICE

Diff case direction needs to match as per above.
差速外殼組裝時請依圖示對齊凹點。

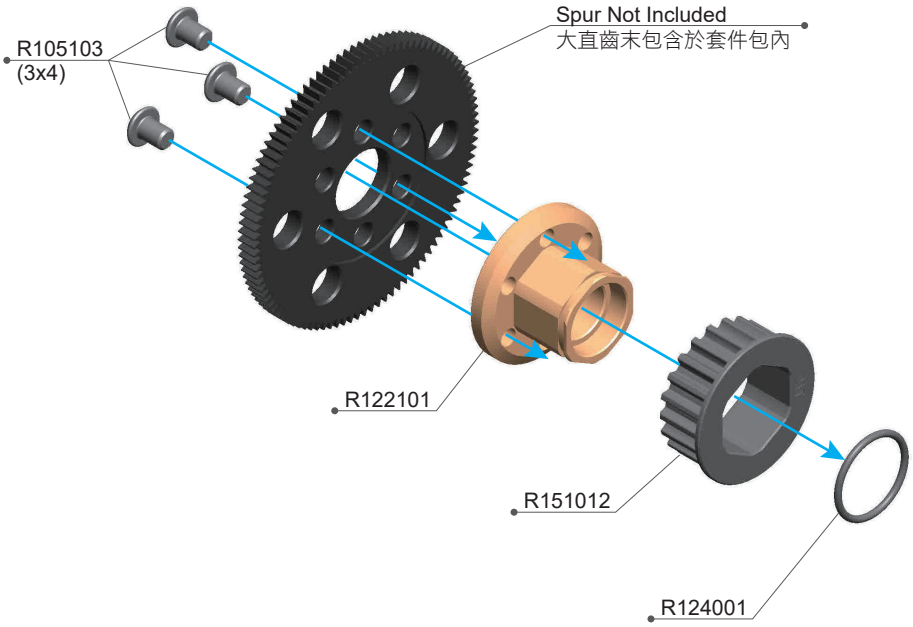
R103023	Gear Diff Shim Small(8pcs)	R105201	2.5x8mm Flat Screw (10)
R104005	O'Ring 26x1 For Diff Case(2pcs)	R151020	A11 Diff Bevel + Satellite Gears Set

BAG 01



R105103
3x4 Round Screw (10)

1:1 Scale



R105103	3x4 Round Screw (10)	R124001	10x1 O'ring (4)
R122101	R12 Center Pulley Hub-Alu	R151012	Center Pulley 21T

BAG 01



R106002
5x8x2.5mm
Ball Bearing /Metal Seal (4)

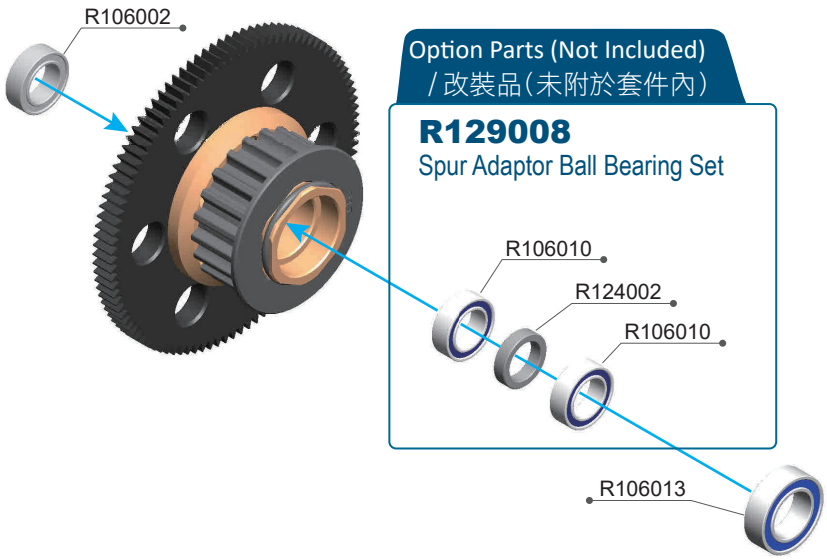


R106010
5x8x2.5mm Ball Bearing (4)



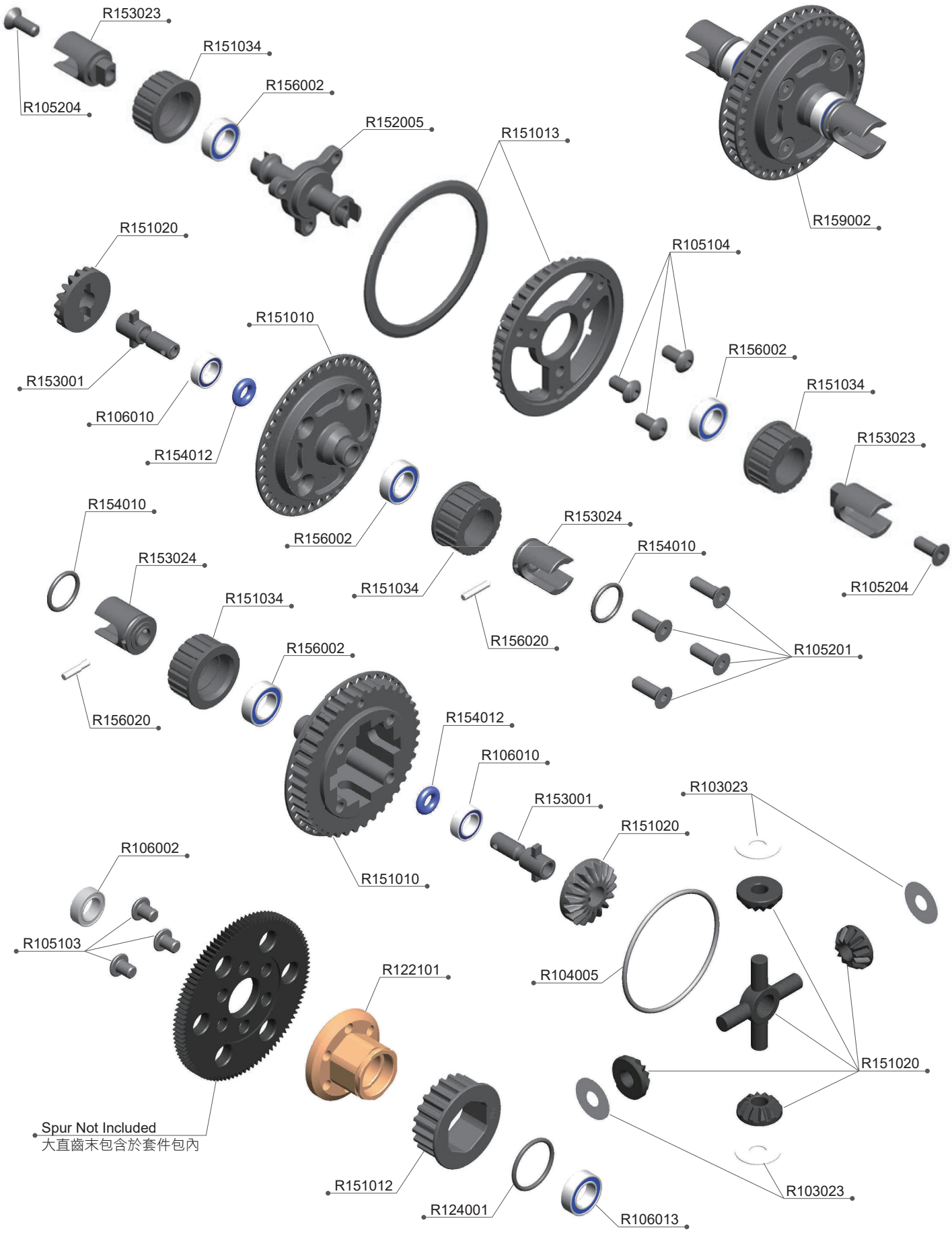
R106013
6x10x3mm Ball Bearing (2)

1:1 Scale



R106002	5x8x2.5mm Ball Bearing /Metal Seal (4)	R106010	5x8x2.5mm Ball Bearing (4)
R106013	6x10x3 Ball Bearing (2)	R124002	5x7x1.7 Teflon Ring (2)

A11 BAG 01 PARTS EXPLODED VIEW



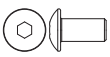
A11 BAG 01 PARTS LIST

R103023	Gear Diff Shim Small(8pcs)
R104005	O'Ring 26x1 For Diff Case(2pcs)
R105103	3x4 Round Screw (10)
R105104	3x6 Round Screw (10)
R105201	2.5x8mm Flat Screw (4)
R105204	3x8mm Flat Screw (10)
R106002	5x8x2.5mm Ball Bearing /Metal Seal (4)
R106010	5x8x2.5mm Ball Bearing (4pcs)
R106013	6x10x3 Ball Bearing (2)
R122101	R12 Center Pulley Hub-Alu
R124001	10x1 O'ring (4)
R151010	40T Diff Case
R151012	Center Pulley 21T
R151013	Front Pulley 40T
R151020	A11 Diff Bevel + Satellite Gears Set
R151034	Eccentric Hub 10mm (4)
R152005	Solid Axle Shaft 40T
R153001	Gear Diff Shaft (2)
R153023	Solid Axle Outdrive B-Steel (2)
R153024	Gear Diff Outdrive (2)
R154010	O'ring 7x1 (8)
R154012	Gear Diff Oil Seal (4)
R156002	6x10x3 Ball Bearing Rubber Seal (2)
R156020	1.5x7.8mm Pin (10)
R159002	A11 Gear Diff Set

1:1 SCALE



R105103
3x4 Round Screw (10)



R105104
3x6 Round Screw (10)



R105201
2.5x8mm Flat Screw (10)



R105204
3x8mm Flat Screw (10)

R156020
1.5x7.8mm Pin (10)



R106002
5x8x2.5mm Ball Bearing /Metal Seal (4)



R106010
5x8x2.5mm Ball Bearing (4)



R106013
6x10x3mm Ball Bearing (2)

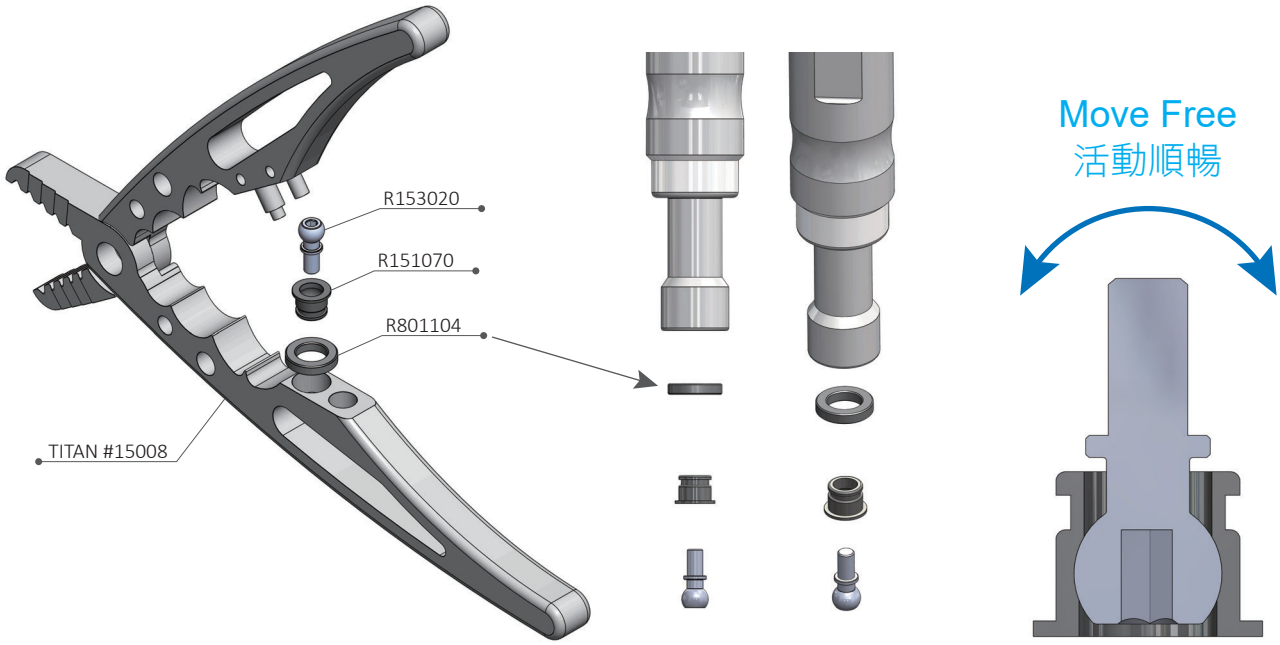


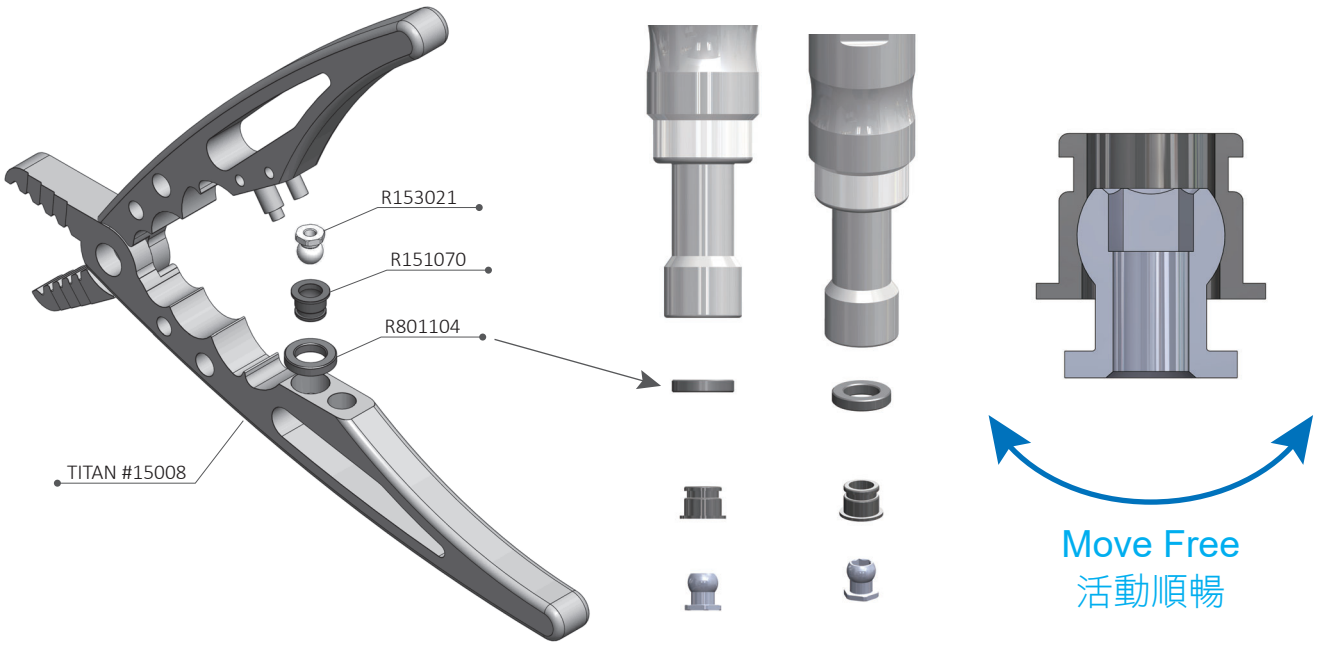
R156002
6x10x3 Ball Bearing Rubber Seal (2)

Recommend Tool TITAN #15008 / 建議使用工具 TITAN #15008

It is recommended to use a TITAN #15008 tool or a 7mm socket to assemble the R153020 and R153021 4.9mm ball heads. Press the ball joint into the R151070 as shown in the diagram. When assembling, please use an R801104 plastic washer to secure the R151070. After confirming that the ball joint moves smoothly, install into lower arm.

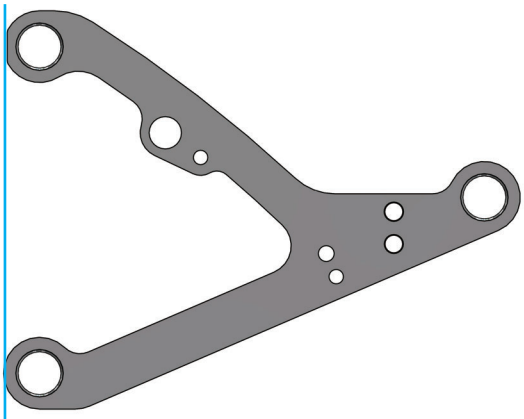
建議使用TITAN #15008 工具或使用7mm的套筒來組裝R153020，R153021 4.9mm球頭，依圖示將球頭壓入R151070，組裝時請使用R801104塑膠墊片來固定R151070，在確認球頭作動順暢後再裝入下擺臂。



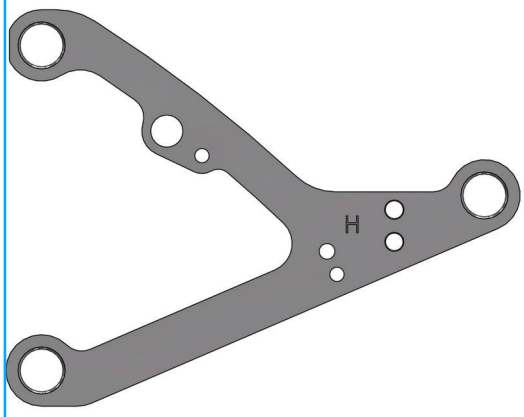


LOWER ARMS INSTRUCTION / 下擺臂圖示

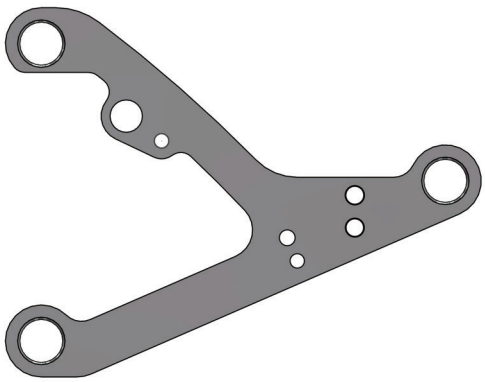
FRONT / 前



R158032 A11 Front Low Arm
Kit / 套件

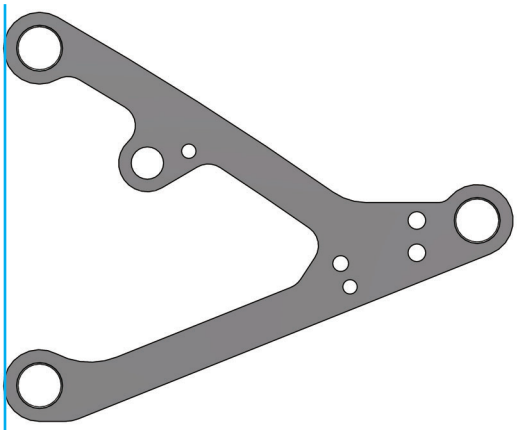


R158034 A11 Front Low Arm-Hard
Optional Parts / 改裝品

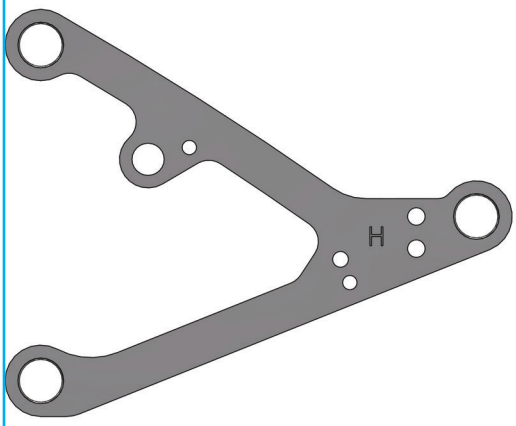


R158041 A11 Front Low Arm-Short
Use only 2.0mm Alu and 1.2mm Steel Chassis
只可使用於2.0mm 鋁底盤與1.2mm 鋼底盤

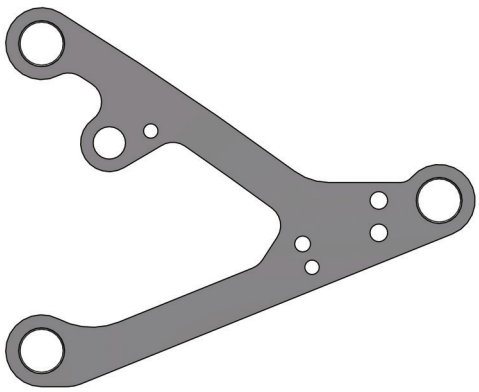
REAR / 後



R158033 A11 Rear Low Arm
Kit / 套件



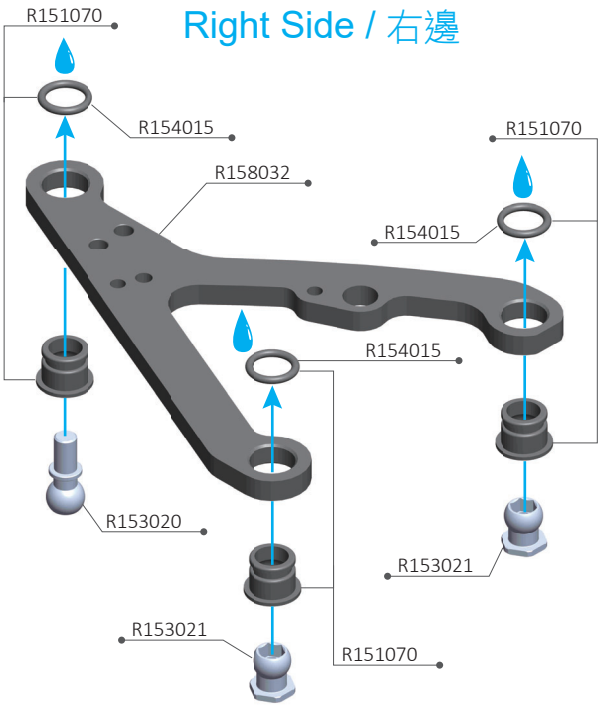
R158035 A11 Rear Low Arm-Hard
Optional Parts / 改裝品



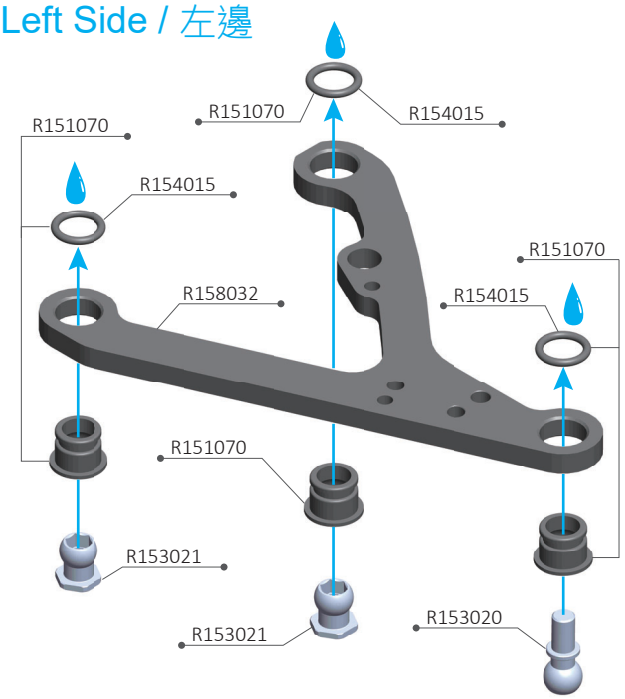
R158042 A11 Rear Low Arm-Short
Use only 2.0mm Alu and 1.2mm Steel Chassis
只可使用於2.0mm 鋁底盤與1.2mm 鋼底盤

FRONT LOW ARM SET / 前下擺臂組

Right Side / 右邊

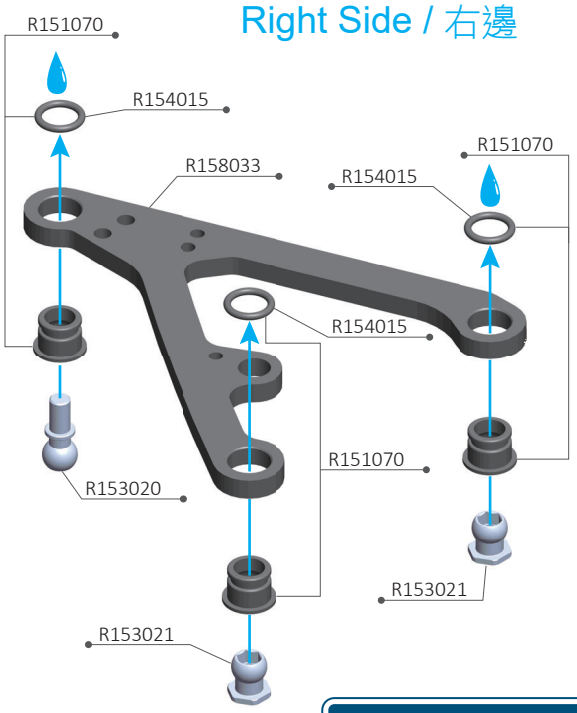


Left Side / 左邊

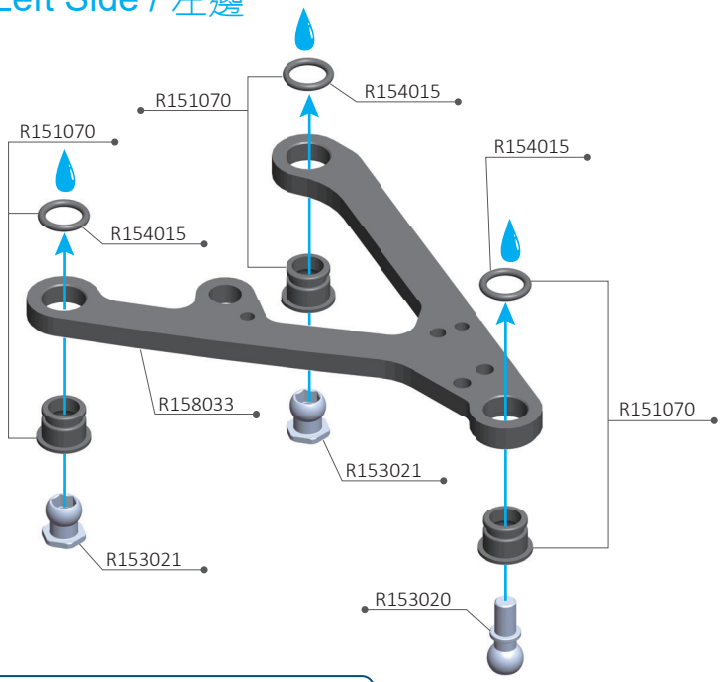


REAR LOW ARM SET / 後下擺臂組

Right Side / 右邊



Left Side / 左邊



NOTICE



Please add a small amount of silicone oil to the O-ring to prevent surface cracking.

請將0型環加上少許矽油，可防止表面裂痕。

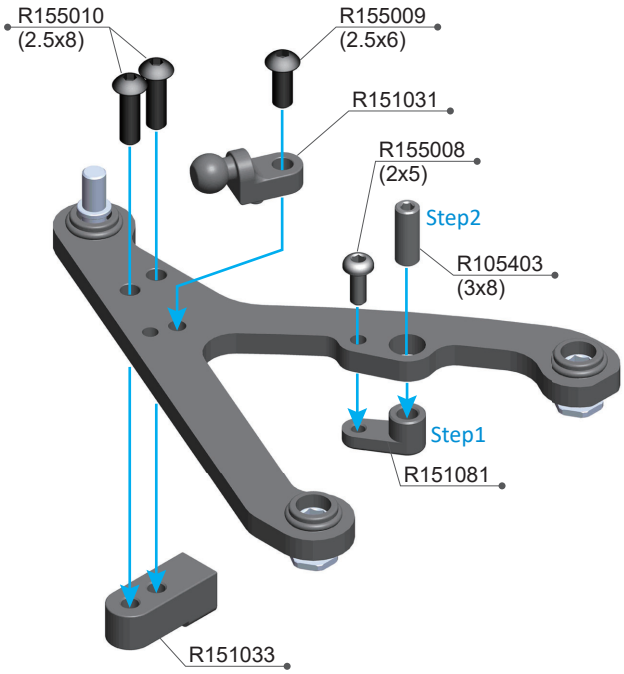
R151070	4.9mm Ball Cup Set (3 Sets)	R154015	4.5X1 O'ring (8)
R153020	4.9mm Ball Head-Ti (2)	R158032	A11 Front Low Arm
R153021	4.9mm Ball Head Hex Base-Ti (2)	R158033	A11 Rear Low Arm

FRONT LOW ARM SET / 前下擺臂組

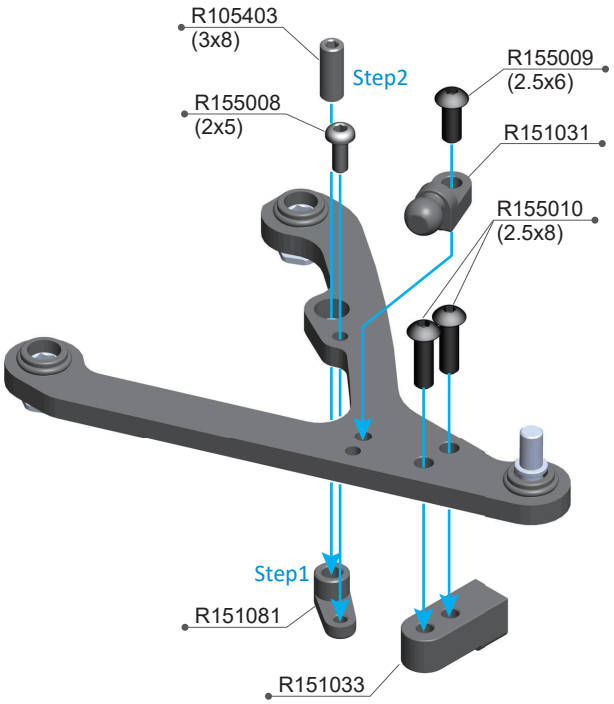
R155008 2x5 Round Screw (10)
R155009 2.5x6 Round Screw (10)
R155010 2.5x8 Round Screw (10)
R105403 3x8mm Set Screw (10)

1:1 Scale

Right Side / 右邊



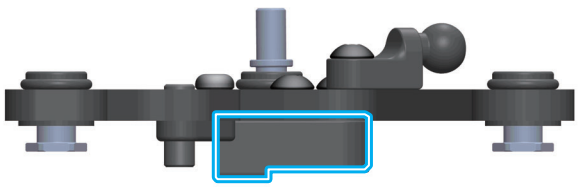
Left Side / 左邊

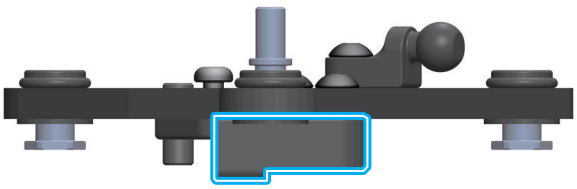


NOTICE

The part R151033 must be installed in the correct orientation.
If installed backwards, correct ride height cannot be achieved and the chassis will sit far too high.

R151033 必須以正確的方向安裝。
如果安裝方向錯誤，將無法達到正確的行駛高度，底盤會過高。





R105403	3x8mm Set Screw (10)
R151081	Down Stop Insert (2)
R151031	Anti-Roll Bar Ball Head (2)
R151033	Lower Shock Mount (2)
R155008	2x5 Round Screw (10)
R155009	2.5x6 Round Screw (10)
R155010	2.5x8 Round Screw (10)

REAR LOW ARM SET / 後下擺臂組


R155008
2x5 Round Screw (10)

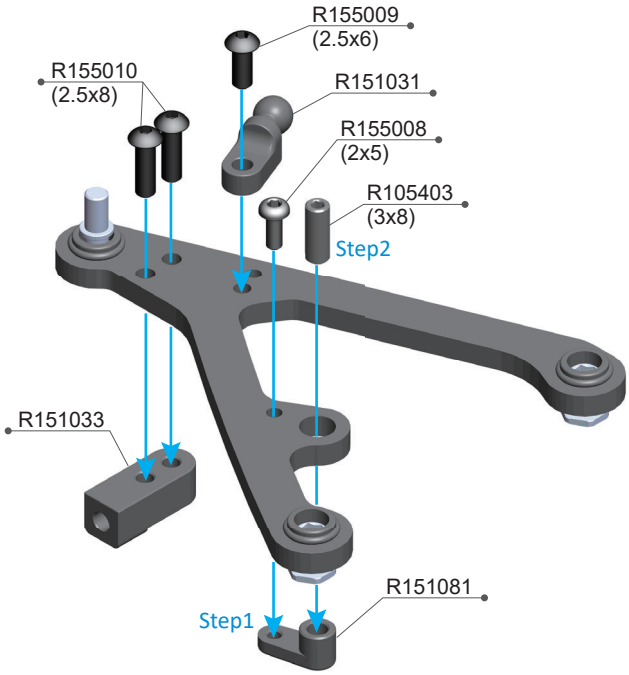

R155009
2.5x6 Round Screw (10)


R155010
2.5x8 Round Screw (10)

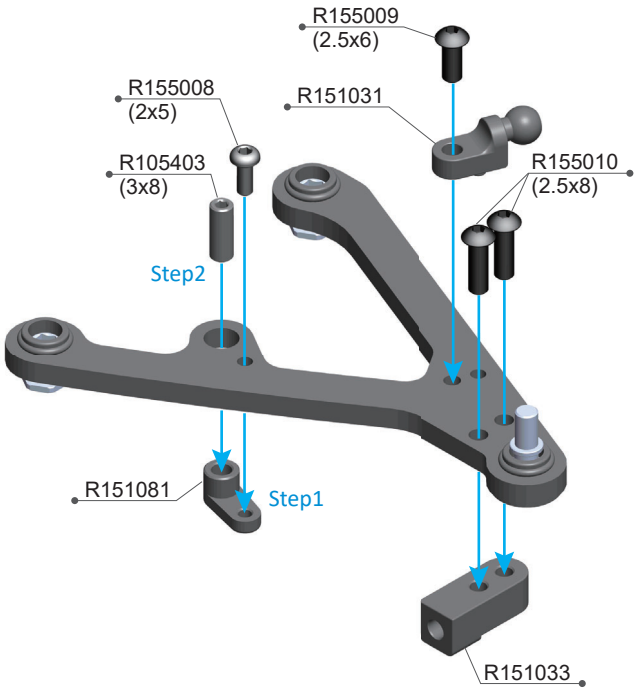

R105403
3x8mm Set Screw (10)

1:1 Scale

Right Side / 右邊



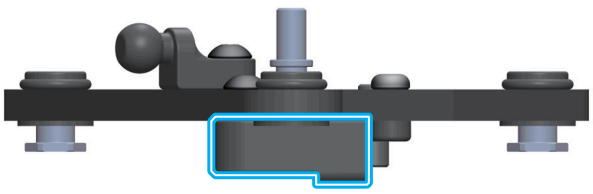
Left Side / 左邊

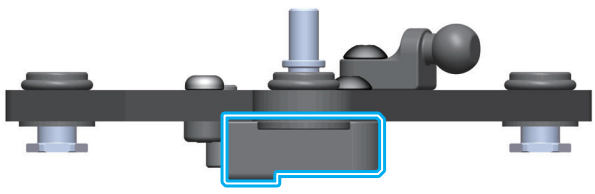


NOTICE

The part R151033 must be installed in the correct orientation.
If installed backwards, correct ride height cannot be achieved and the chassis will sit far too high.

R151033 必須以正確的方向安裝。
如果安裝方向錯誤，將無法達到正確的行駛高度，底盤會過高。





R105403	3x8mm Set Screw (10)
R151081	Down Stop Insert (2)
R151031	Anti-Roll Bar Ball Head (2)
R151033	Lower Shock Mount (2)
R155008	2x5 Round Screw (10)
R155009	2.5x6 Round Screw (10)
R155010	2.5x8 Round Screw (10)

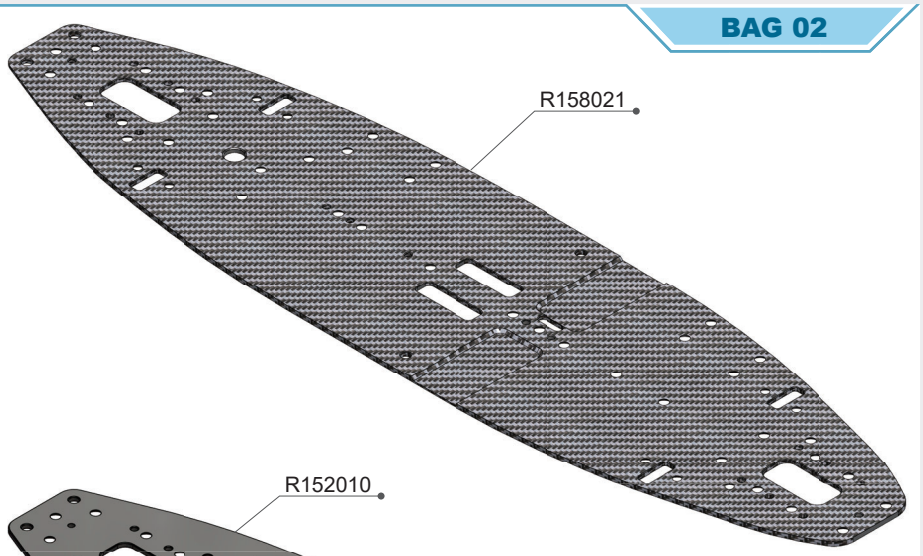
CHASSIS OPTIONS / 底盤選項

R158021 2.25mm Carbon Chassis

The 2.25mm carbon chassis suited low-grip cold condition or control low-grip tire stock race, at above condition the carbon chassis give maxima grip and easy handling feel.

2.25mm的碳纖維底盤適合用在低抓地力或寒冷的場地，也可用在公發低抓地力輪胎的原廠動力比賽中，碳纖維底盤能使車身有較大的抓地力與容易駕駛的特性。

Weight 67g / 重量67克



R152010 1.5mm Aluminium Chassis

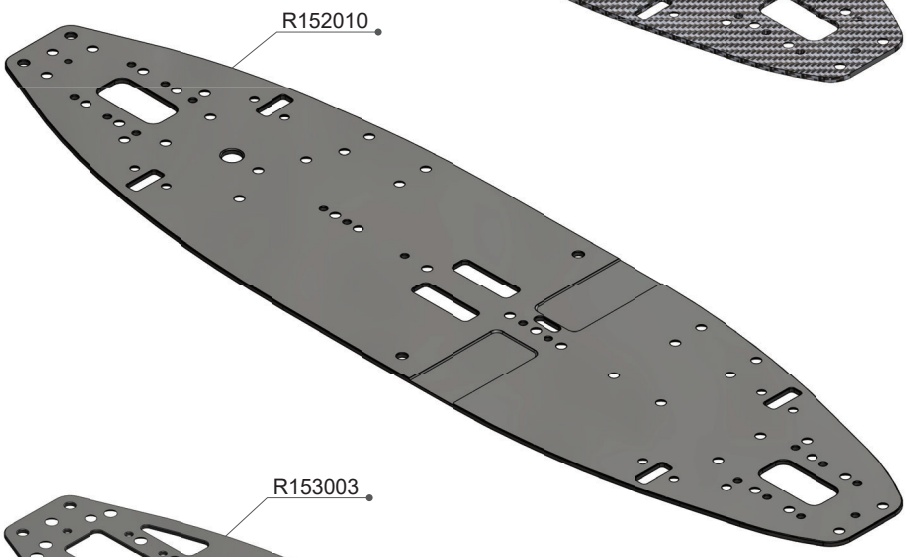
Recommended as the baseline chassis for most conditions.

It provides a very wide setup window, both for asphalt and carpet tracks.

R152010 1.5mm 鋁合金底板

推薦作為大多數情況下的基礎底盤。
它提供了非常廣泛的設置範圍，適用於戶外柏油和室內地毯賽道。

Weight 79g / 重量79克



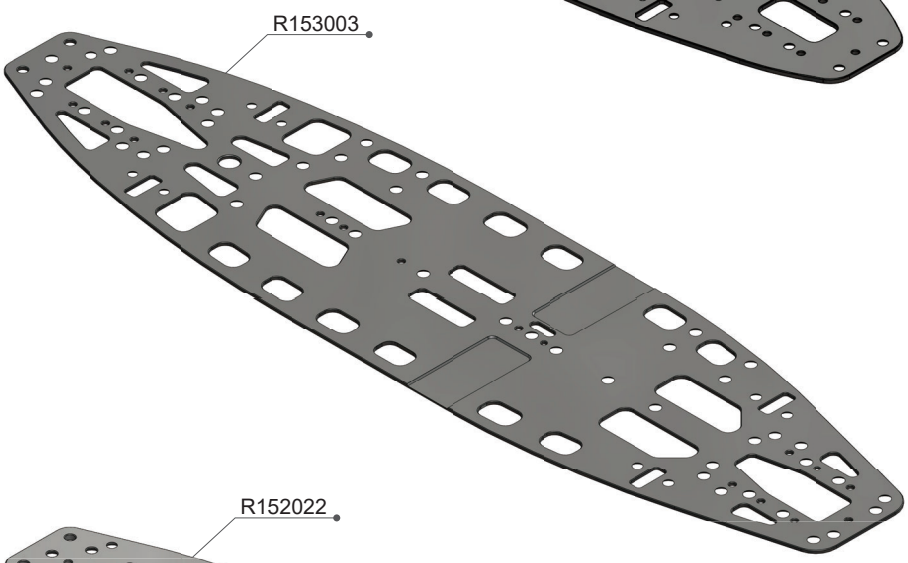
R153003 A11 1.2mm Steel Chassis

The chassis, made of 1.2mm steel, is mainly used in high-grip tracks. It can lower the A11's center of gravity to the lowest position, preventing traction roll caused by high grip. Two types of lower control arms can be used on this chassis: standard and short. When using short lower arms, steering and acceleration response can be increased and mid corner steering can be reduced, making the A11 easier to drive.

R153003 1.2mm 鋼片底板

由1.2mm的鋼片所製做的底盤主要使用於高抓地力的場地，它可以使A11整體的重心降到最低的位置，防止因為抓地力太高而造成的翻車，在這個底盤上可以使用標準與短的二種下擺臂，當使用短擺臂時可以增加轉向與加速的反應並減少中末期的轉向，使A11更容易駕駛。

Weight 143g / 重量143克



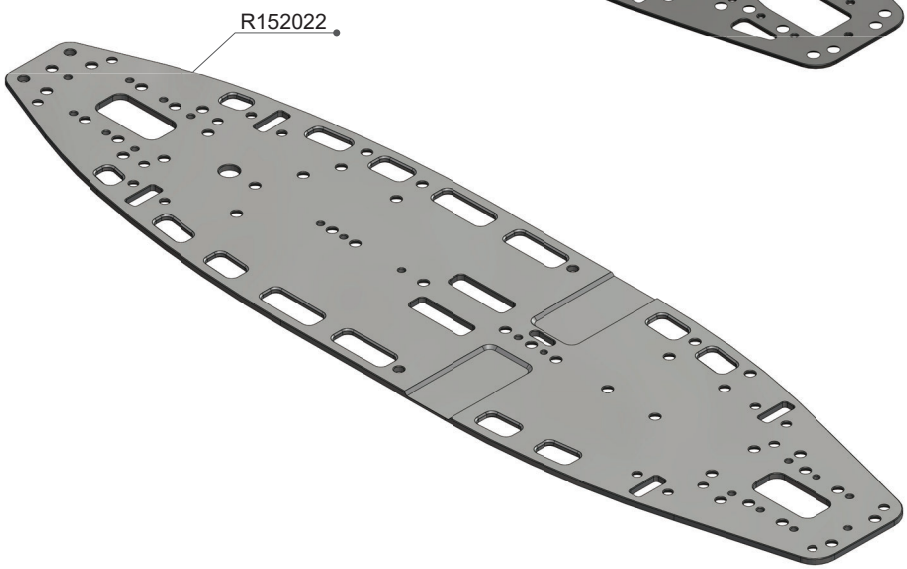
R152022 2.0mm Aluminium Chassis

Designed specifically for high-grip carpet, such as US CRC carpet or European high-grip carpet tracks.

R1582022 2.0mm 鋁合金底板

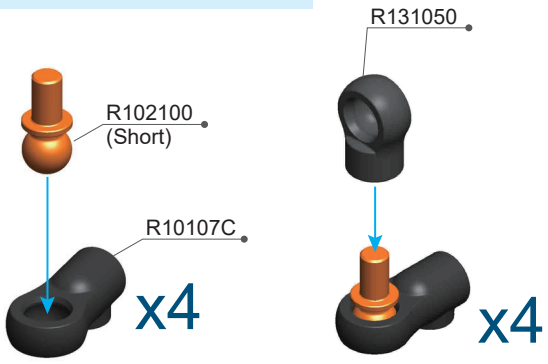
專為高抓地力地毯賽道設計，例如美國CRC 地毯或歐洲高抓地地毯賽道。

Weight 99g / 重量99克



R106001
3x6x2.5mm Ball Bearing (2)

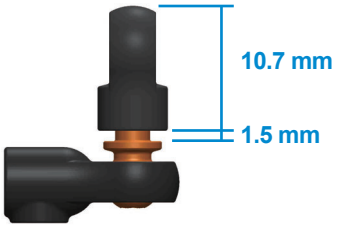
1:1 Scale



NOTICE

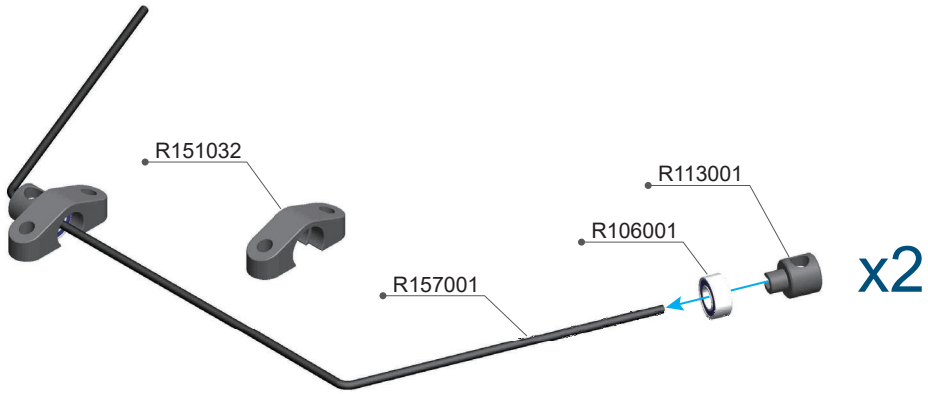
Please leave a 1.5mm gap here during assembly, as this is where you can adjust the balance of the anti-roll bar.

組裝時請於此處預留1.5mm的間隙，此處可以調整防傾桿的平衡。

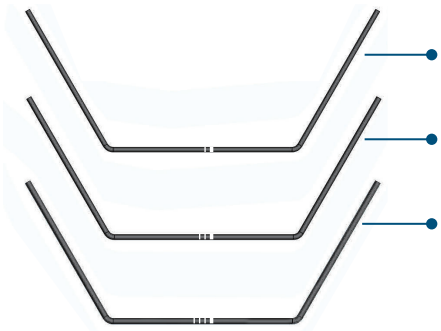


CROSS-SECTIONAL VIEW OF ANTI-ROLL BAR INSTALLATION / 防傾桿安裝的剖面視圖





ANTI-ROLL BAR / 防傾桿



R157003 A11 Anti-Roll Bar 1.1mm

R157001 A11 Anti-Roll Bar 1.2mm KIT

R157002 A11 Anti-Roll Bar 1.3mm

R10107C	Anti-Roll Bar Joint (4pcs)
R102100	Alu 4.9mm Ball End Short(4pcs)
R106001	3x6x2.5mm Ball Bearing (2)
R113001	Anti-Roll Bar Holder (2)
R131050	X-Low Short Shock Ball End Set
R151032	Anti-Roll Bar Ball Bearing Holder (2)
R157001	A11 Anti-Roll Bar 1.2mm



1:1 Scale

1.5mm Alu	3x8 R145002
1.2mm Steel	3x8 R145002
2.0mm Alu	3x8 R105204
2.25mm Carbon	3x8 R105204

In screw bag / 放置於螺絲包內

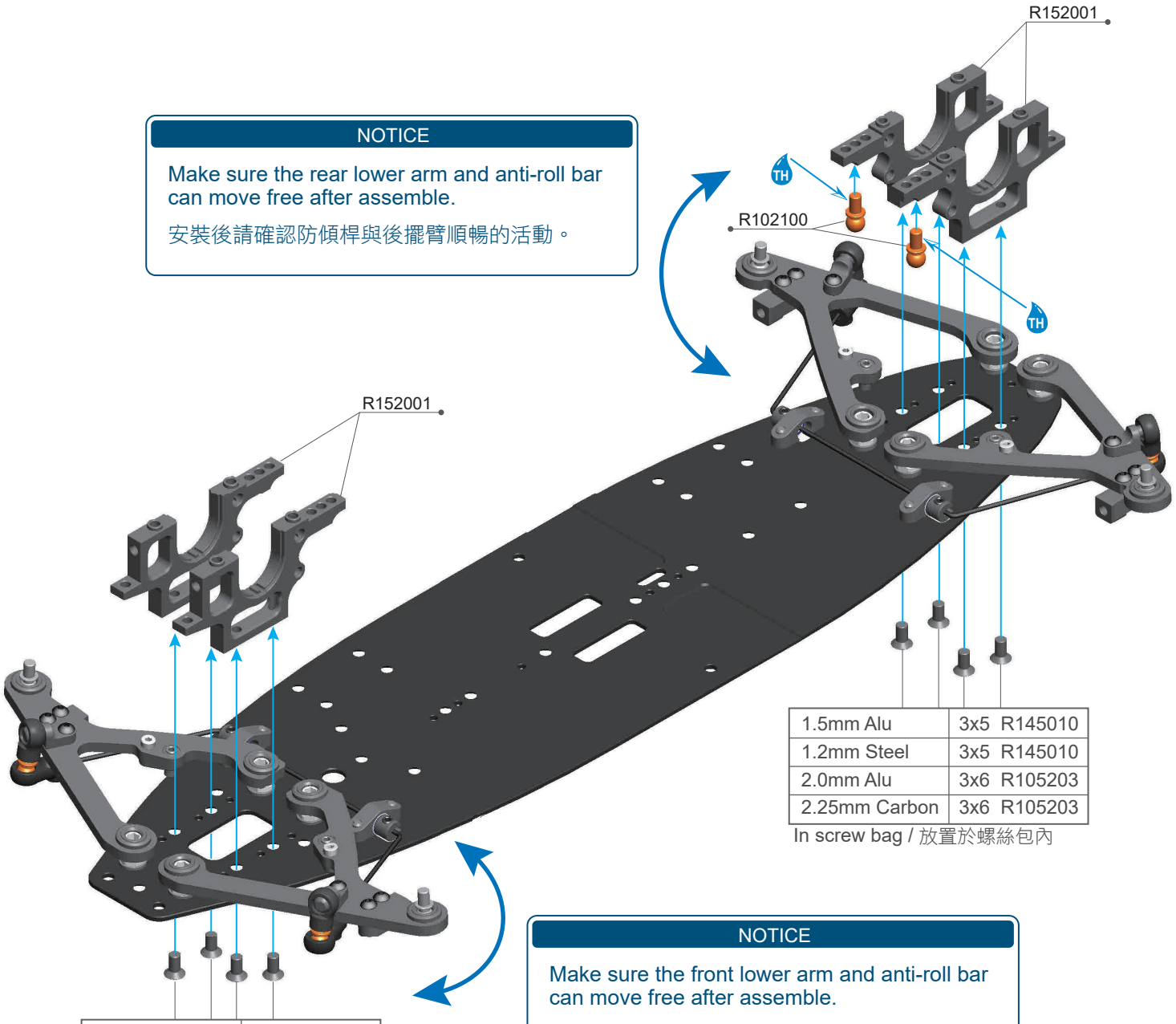
1.5mm Alu	3x8 R145002
1.2mm Steel	3x8 R145002
2.0mm Alu	3x8 R105204
2.25mm Carbon	3x8 R105204

In screw bag / 放置於螺絲包內

R105401	3x3mm Set Screw (10)	R152010	A11 Aluminum Chassis 1.5mm
R145002	3x8mm Thin Flat Screw (10)	R152024	3x8x1.5mm Alu Shims (8)
R145011	2.5x6mm Thin Flat Screw (10)	R812120	3x7x1mm Alu Shims (8)

R145010
3x5mm Thin Flat Screw (10)

1:1 Scale



NOTICE

Make sure the rear lower arm and anti-roll bar can move free after assemble.

安裝後請確認防傾桿與後擺臂順暢的活動。

1.5mm Alu	3x5 R145010
1.2mm Steel	3x5 R145010
2.0mm Alu	3x6 R105203
2.25mm Carbon	3x6 R105203

In screw bag / 放置於螺絲包內

NOTICE

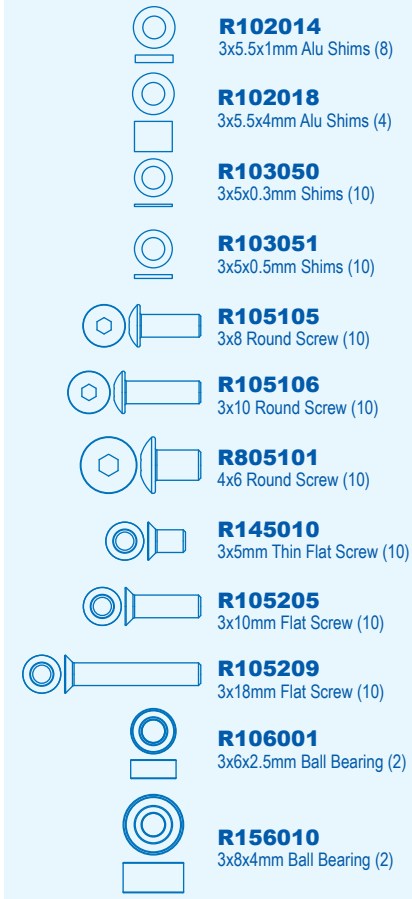
Make sure the front lower arm and anti-roll bar can move free after assemble.

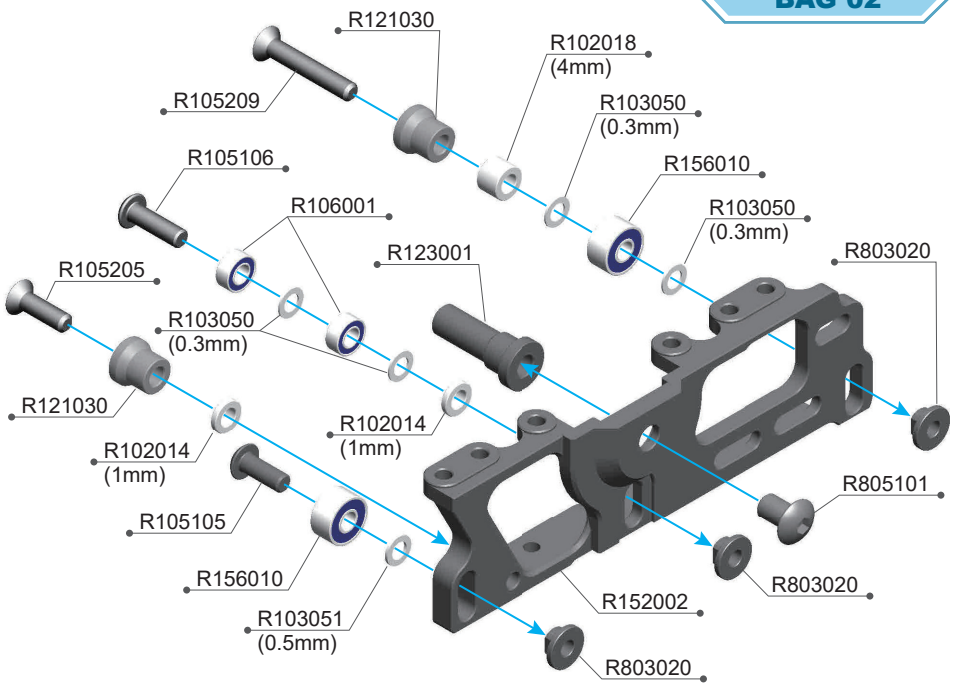
安裝後請確認防傾桿與前擺臂順暢的活動。

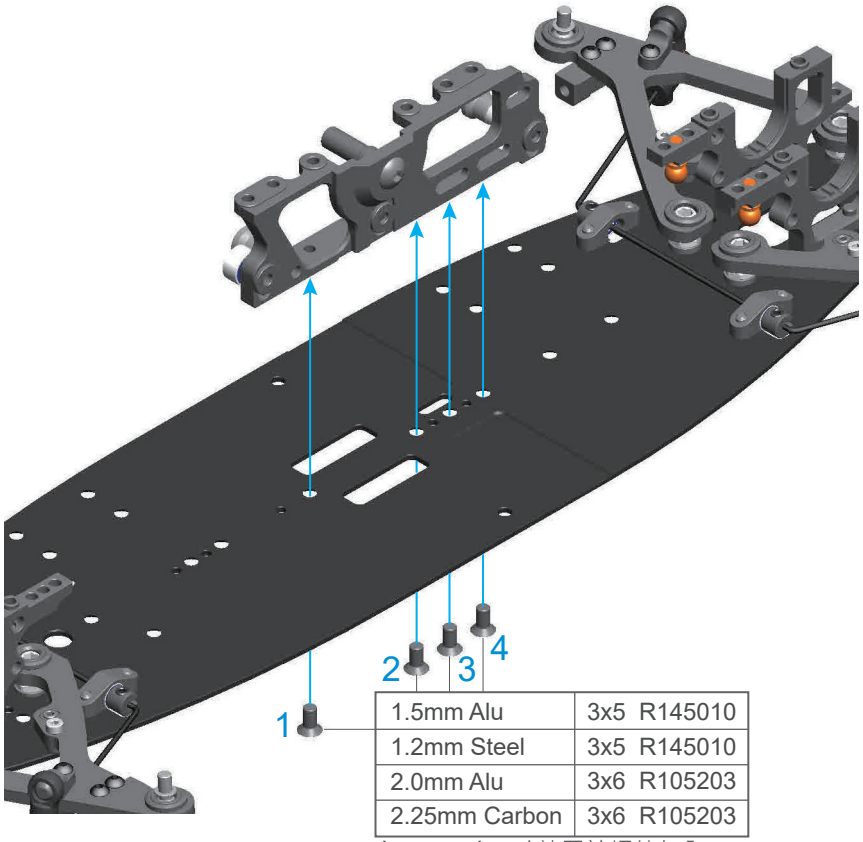
1.5mm Alu	3x5 R145010
1.2mm Steel	3x5 R145010
2.0mm Alu	3x6 R105203
2.25mm Carbon	3x6 R105203

In screw bag / 放置於螺絲包內

R102100 Alu 4.9mm Ball End Short(4pcs)
R145010 3x5mm Thin Flat Screw (10)
R152001 A11 Bulkhead







1.5mm Alu	3x5 R145010
1.2mm Steel	3x5 R145010
2.0mm Alu	3x6 R105203
2.25mm Carbon	3x6 R105203

In screw bag / 放置於螺絲包內

MOTOR MOUNT SCREWS / 馬達支架螺絲

Start with screws 2 and 4 installed (baseline recommendation)

For more direct response：Add screw 1

For increased rotation：Move screw 4 to position 3

首先安裝螺絲 2 和 4（基本建議）

為了獲得更直接的轉向反應：添加螺絲 1

為了增加旋轉角度：將螺絲 4 移至位置 3

R102014	3x5.5x1mm Alu Shims(8pcs)
R102018	3x5.5x4mm Alu Shims(4pcs)
R103050	3x5x0.3mm Shims (10)
R103051	3x5x0.5mm Shims (10)
R105105	3x8 Round Screw (10)
R105106	3x10 Round Screw (10)
R105205	3x10mm Flat Screw (10)
R105209	3x18mm Flat Screw (10)
R106001	3x6x2.5mm Ball Bearing (2)
R121030	R12 Eccentric Hub (4)
R123001	R12 Spur Shaft
R145010	3x5mm Thin Flat Screw (10)
R152002	A11 Motor Mount
R156010	3x8x4mm Ball Bearing (2)
R803020	Adjustable Nuts
R805101	4x6 Round Screw (10)

A11 BELT INSTRUCTION / A11 皮帶說明

- R114023 - White Belt：
  Lowest friction, best for stock & asphalt.
- R114022 - Kit Belt：
  Balanced wear + efficiency, good all-rounder.
- R124010 - 3.5 mm Reinforced Belt：
  For high-grip carpet and modified power .



- R114023 - 白色皮帶：
  摩擦係數最低，最適合原廠路面和瀝青路面。
- R114022 - 套件皮帶：
  磨損和效率均衡，用途廣泛。
- R124010 - 3.5 毫米加強型皮帶：
  適用於高抓地力地毯和改裝動力系統。



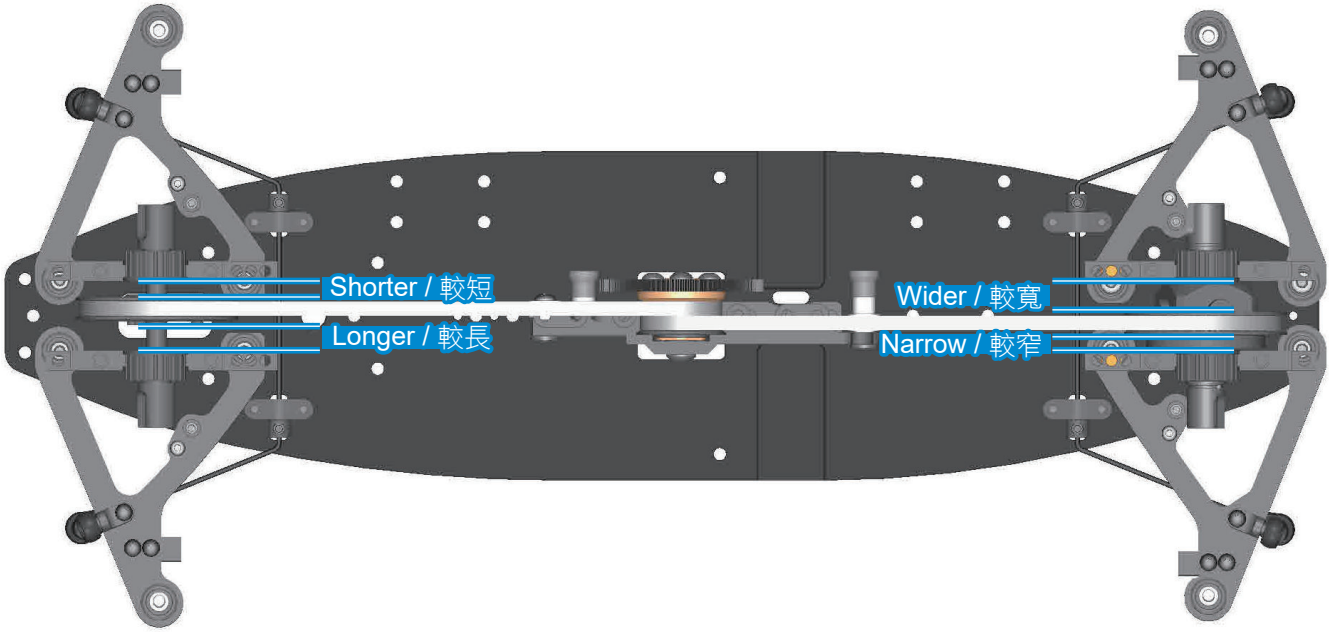
R105105
3x8 Round Screw (10)

1:1 Scale

R105105	3x8 Round Screw (10)	R114022	S3M-351-3mm Belt

NOTICE

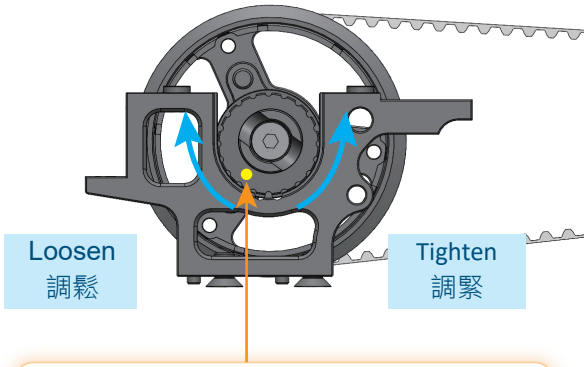
The front axle and rear differential of the A11 are directional; please refer to the following diagram.
A11的前直軸與後差速有方向性，請參考以下圖示。



FRONT / 前方

The eccentric hub is used to adjust the front spool height and belt tension. The default setup is for the spool to be in a high position. The belt tension can then be adjusted incrementally.

偏心的襯套可以用來調整前直軸的高度與皮帶的鬆緊度，預設的前直軸位置於高處，皮帶的鬆緊可以如圖示來做調整。



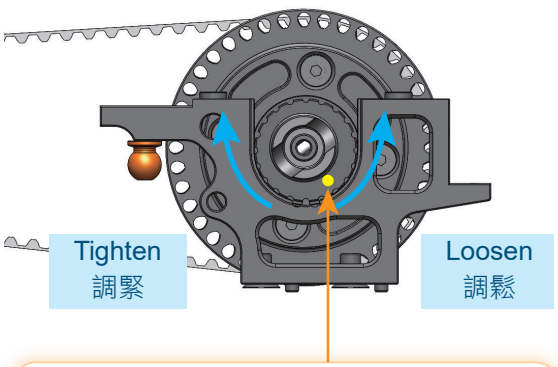
The dot show axle height, when dot in the lower side the axle is at higher position. When turn dot in upper side, the axle is at lower position.

這個點可用來顯示前直軸的高度，當點在下方時前直軸的位置是高的，當點的位置在上方時前直軸的位置是低的。

REAR / 後方

The eccentric hub is used to adjust the rear diff height and belt tension. The default setup is for the diff to be in a high position. The belt tension can then be adjusted incrementally.

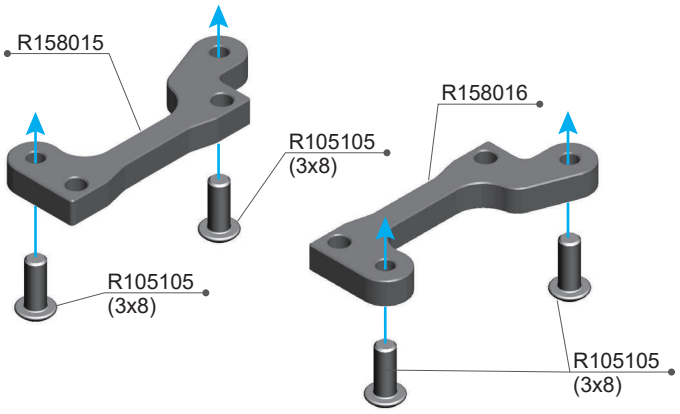
偏心的襯套可以用來調整後差速的高度與皮帶的鬆緊度，預設的後差速位置於高處，皮帶的鬆緊可以如圖示來做調整。



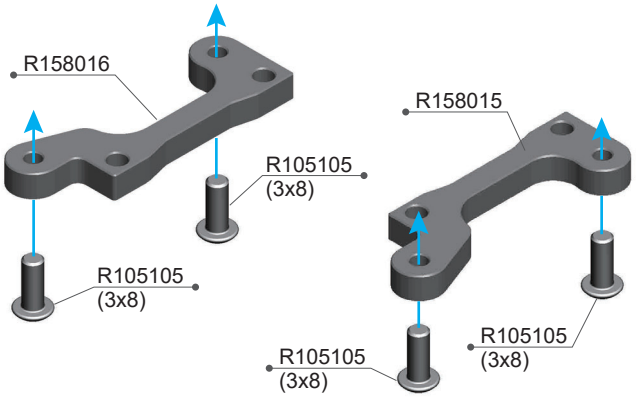
The dot show Diff height, when dot in the lower side the Diff is at higher position. When turn dot in upper side, the Diff is at lower position.

這個點可用來顯示差速器的高度，當點在下方時差速器的位置是高的，當點的位置在上方時差速器的位置是低的。

FRONT UPPER BULKHEAD
前上側板



REAR UPPER BULKHEAD
後上側板



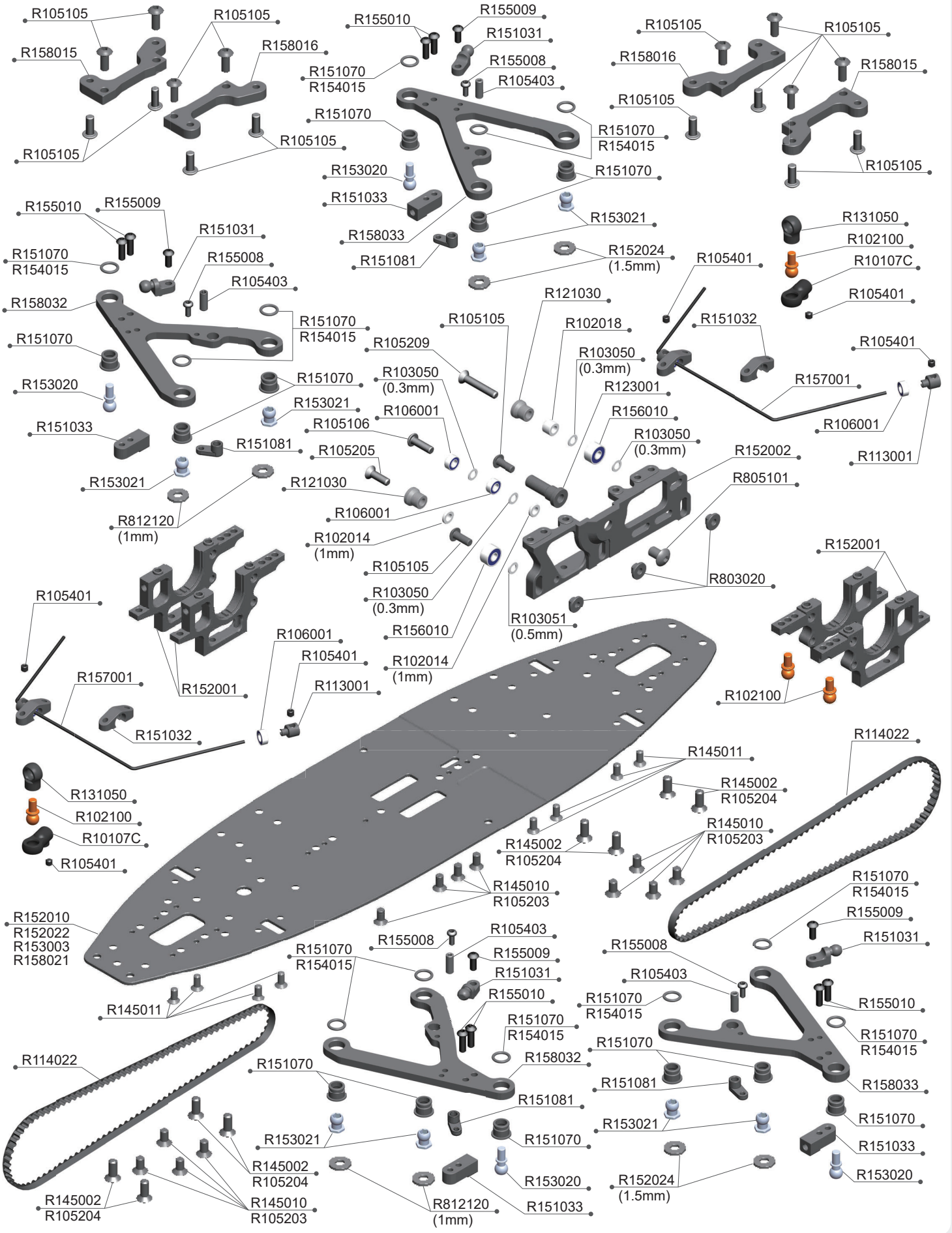


R105105
3x8 Round Screw (10)

1:1 Scale

R105105	3x8 Round Screw (10)	R158016	A11 Upper Bulkhead FL/RR
R158015	A11 Upper Bulkhead FR/RL		

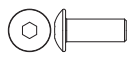
A11 BAG 02 PARTS EXPLODED VIEW

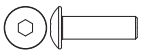


A11 BAG 02 PARTS LIST

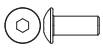
R10107C	Anti-Roll Bar Joint (4pcs)
R102014	3x5.5x1mm Alu Shims(8pcs)
R102018	3x5.5x4mm Alu Shims(4pcs)
R102100	Alu 4.9mm Ball End Short(4pcs)
R103050	3x5x0.3mm Shims (10)
R103051	3x5x0.5mm Shims (10)
R105105	3x8 Round Screw (10)
R105106	3x10 Round Screw (10)
R105205	3x10mm Flat Screw (10)
R105209	3x18mm Flat Screw (10)
R105401	3x3mm Set Screw (10)
R105403	3x8mm Set Screw (10)
R106001	3x6x2.5mm Ball Bearing (2)
R113001	Anti-Roll Bar Holder (2)
R114022	S3M-351-3mm Belt
R121030	R12 Eccentric Hub (4)
R123001	R12 Spur Shaft
R131050	X-Low Short Shock Ball End Set
R145002	3x8mm Thin Flat Screw (10)
R145010	3x5mm Thin Flat Screw (10)
R145011	2.5x6mm Thin Flat Screw (10)
R151031	Anti-Roll Bar Ball Head (2)
R151032	Anti-Roll Bar Ball Bearing Holder (2)
R151033	Lower Shock Mount (2)
R151070	4.9mm Ball Cup Set (3 Sets)
R151081	Down Stop Insert (2)
R152001	A11 Bulkhead
R152002	A11 Motor Mount
R152010	A11 Aluminum Chassis 1.5mm
R152024	3x8x1.5mm Alu Shims (8)
R153020	4.9mm Ball Head-Ti (2)
R153021	4.9mm Ball Head Hex Base-Ti (2)
R155008	2x5 Round Screw (10)
R155009	2.5x6 Round Screw (10)
R155010	2.5x8 Round Screw (10)
R156010	3x8x4mm Ball Bearing (2)
R157001	A11 Anti-Roll Bar 1.2mm
R158015	A11 Upper Bulkhead FR/RL
R158016	A11 Upper Bulkhead FL/RR
R158021	A11 Main Chassis-Carbon 2.25mm
R158032	A11 Front Lower Arm
R158033	A11 Rear Low Arm
R803020	Adjustable Nuts (2)
R805101	4x6 Round Screw (10)
R812120	3x7x1mm Alu Shims (8)

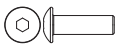
1:1 SCALE

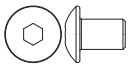

R105105
3x8 Round Screw (10)

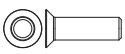

R105106
3x10 Round Screw (10)

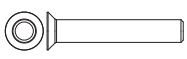

R155008
2x5 Round Screw (10)


R155009
2.5x6 Round Screw (10)


R155010
2.5x8 Round Screw (10)


R805101
4x6 Round Screw (10)


R105205
3x10mm Flat Screw (10)


R105209
3x18mm Flat Screw (10)


R145002
3x8mm Thin Flat Screw (10)


R145010
3x5mm Thin Flat Screw (10)


R145011
2.5x6mm Thin Flat Screw (10)


R102014
3x5.5x1mm Alu Shims (8)


R102018
3x5.5x4mm Alu Shims (4)


R103050
3x5x0.3mm Shims (10)


R103051
3x5x0.5mm Shims (10)


R152024
3x8x1.5mm Alu Shims (8)


R812120
3x7x1mm Alu Shims (8)


R105401
3x3mm Set Screw (10)


R105403
3x8mm Set Screw (10)

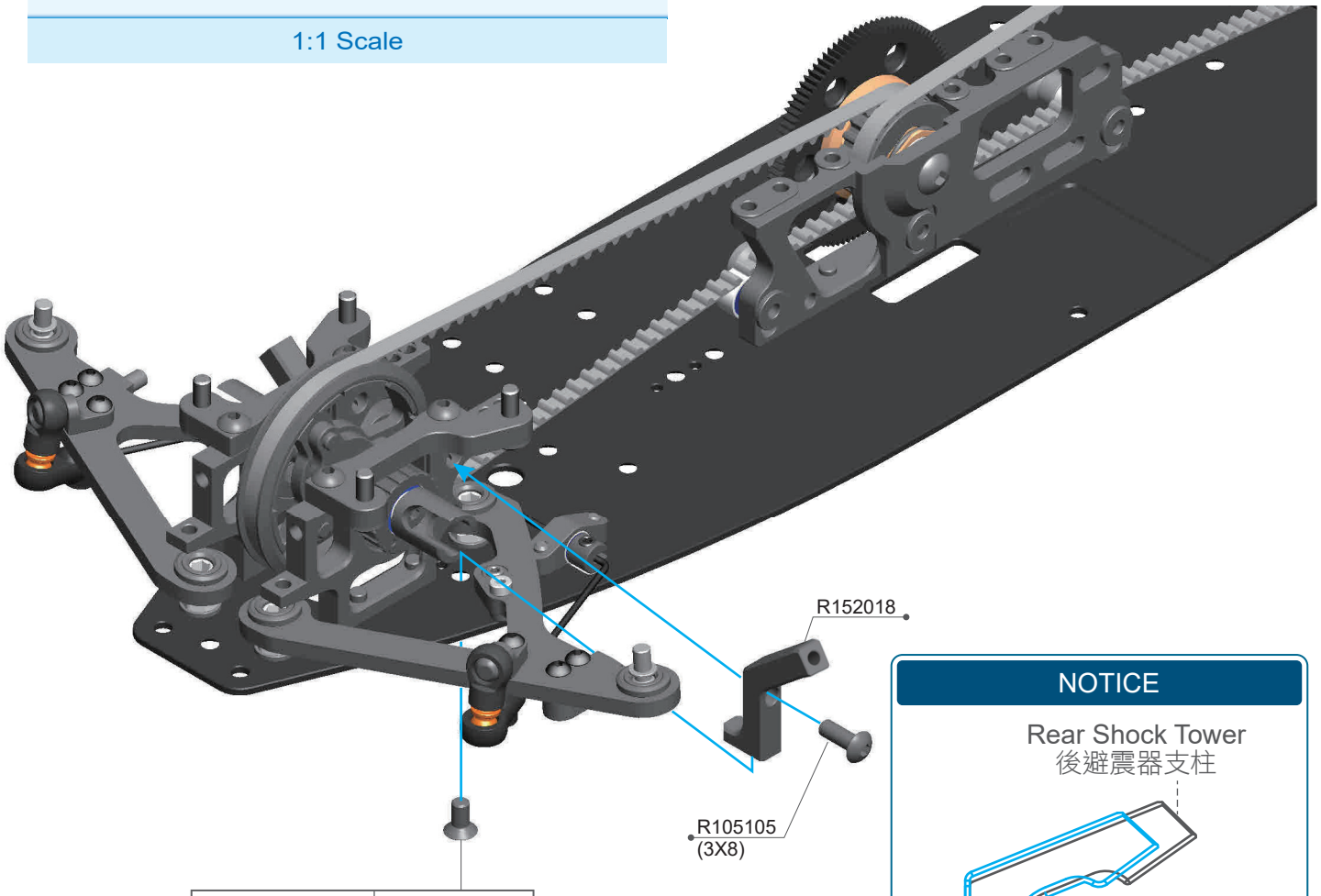

R106001
3x6x2.5mm Ball Bearing (2)


R156010
6x10x3mm Ball Bearing (2)

R105105 3x8 Round Screw (10)

R145001 3x6mm Thin Flat Screw (10)

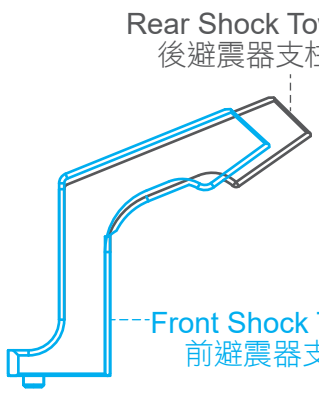
1:1 Scale



1.5mm Alu	3x6 R145001
1.2mm Steel	3x6 R145001
2.0mm Alu	3x6 R105203
2.25mm Carbon	3x6 R105203

In screw bag / 放置於螺絲包內

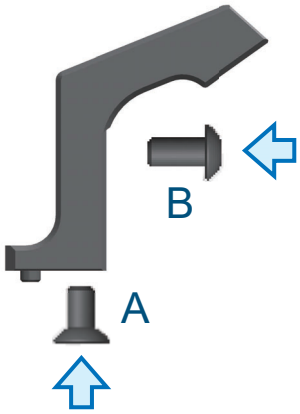
NOTICE



FRONT / 前方

There are two screws, A and B, on the front shock tower. These two screws can be used to adjust the flex and grip of the front end. In most cases, both screws A and B are locked to provide the fastest initial steering response and maintain linear steering in the mid-to-late stages. When on high-grip surfaces, screw A can be removed first, which can reduce the initial steering response by about 10%, making the car easier to drive. If a greater reduction in steering response is needed, screw A can be locked back in and screw B removed.

前避震器支柱上有二顆鏍絲A與B，可以使用這二顆鏍絲來調整前側板的扭動與抓地力，在大多數的情況下A/B這二顆鏍絲均鎖上去，可提供最快的初期轉向反應並於中末期保持線性的轉向，在於高抓地力的路面時可先將鏍絲A移除，它可以降低約10%的初期轉向反應，使車輛更容易駕駛，如果需要降更多的轉向反應可以鎖回鏍絲A並移除鏍絲B。



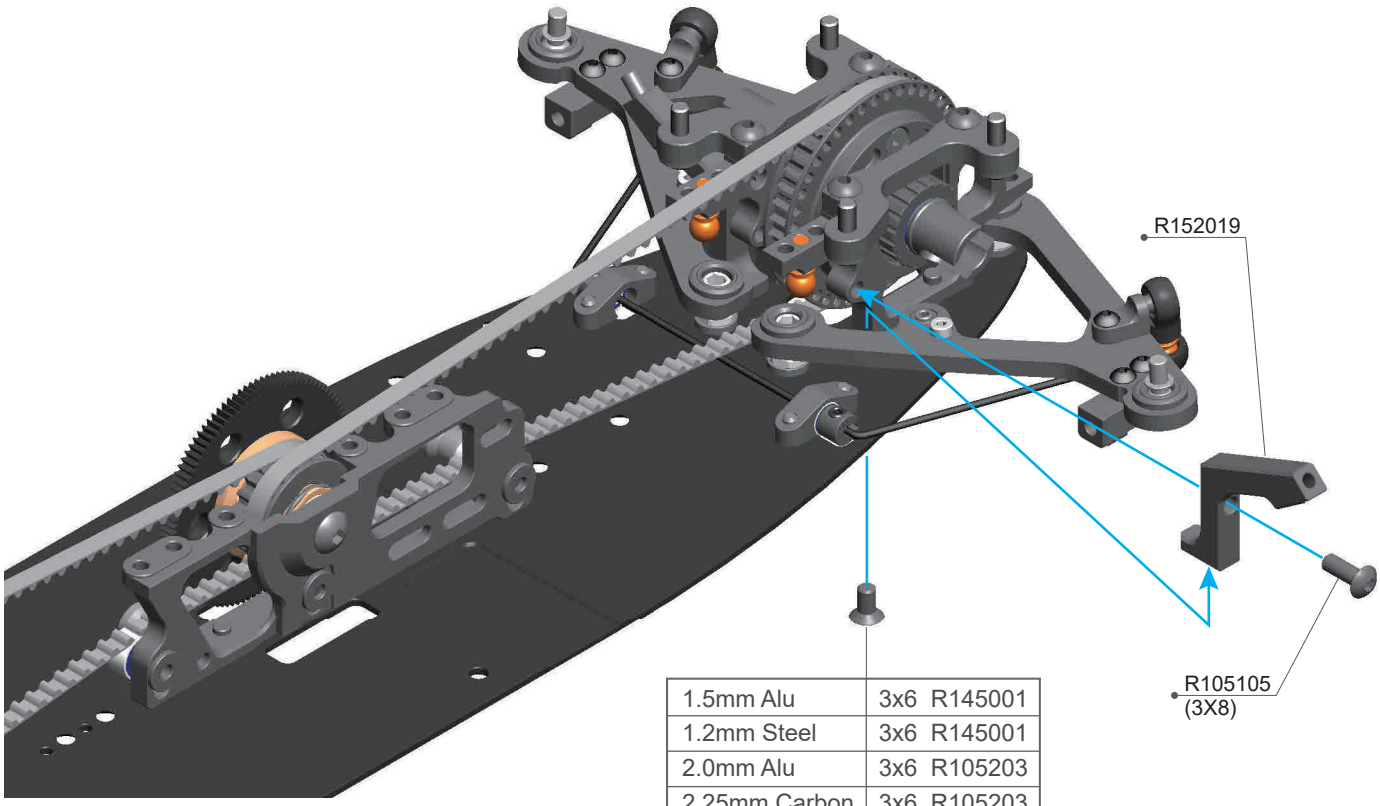
R105105 3x8 Round Screw (10)
R145001 3x6mm Thin Flat Screw (10)

R152018 A11 Front Shock Tower

R105105
3x8 Round Screw (10)

R145001
3x6mm Thin Flat Screw (10)

1:1 Scale



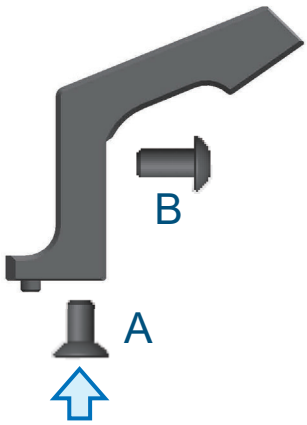
1.5mm Alu	3x6 R145001
1.2mm Steel	3x6 R145001
2.0mm Alu	3x6 R105203
2.25mm Carbon	3x6 R105203

In screw bag / 放置於螺絲包內

REAR /後方

There are two screws, A and B, on the rear shock tower. These two screws can be used to adjust the flex and grip of the rear side plate. In most cases, both screws A and B are locked to provide the most stable rear grip and maintain linear steering. On the low grip tracks and more rear steering is needed, screw A can be removed first. This can reduce rear grip and allow the car to have more steering. If more steering or less rear grip is needed, screw A can be locked back in and screw B removed.

後避震器支柱上有二顆鏍絲A與B，可以使用這二顆鏍絲來調整後側板的扭動與抓地力，在大多數的情況下A/B這二顆鏍絲均鎖上去，可提供最穩定的後抓地力並保持線性的轉向，在於低抓地力的路面並需要更多的後方轉向時，可先將鏍絲A移除，它可以降低後方的抓地力，使車輛有更多的轉向，如果需要增加更多的轉向或降低更多的後抓地力，可以鎖回鏍絲A並移除鏍絲B。



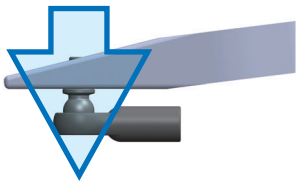
R105105 3x8 Round Screw (10)
R145001 3x6mm Thin Flat Screw (10)

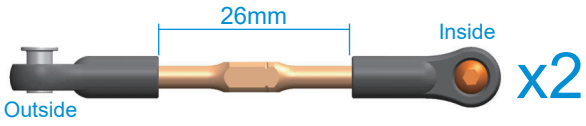
R152019 A11 Rear Shock Tower

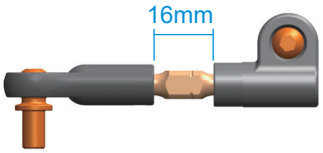
R105104
3x6mm Round Screw (10)

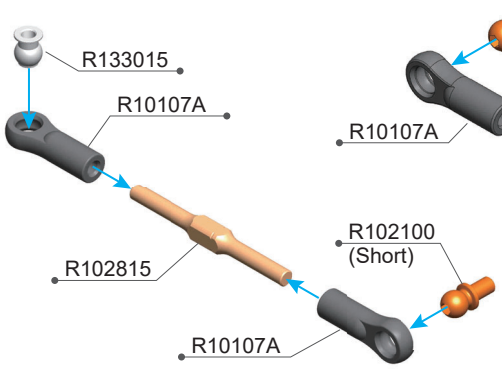
R106010
5x8x2.5mm Ball Bearing (4)

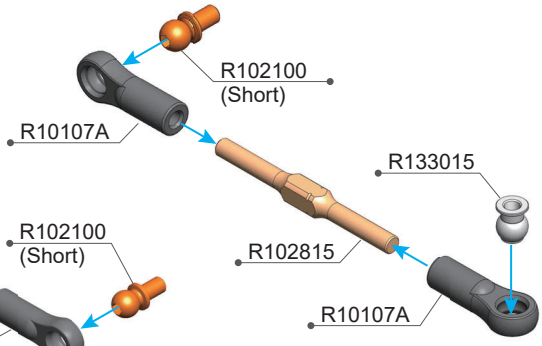
1:1 Scale

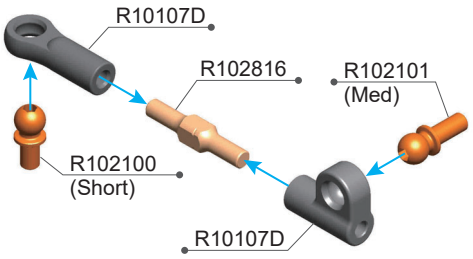


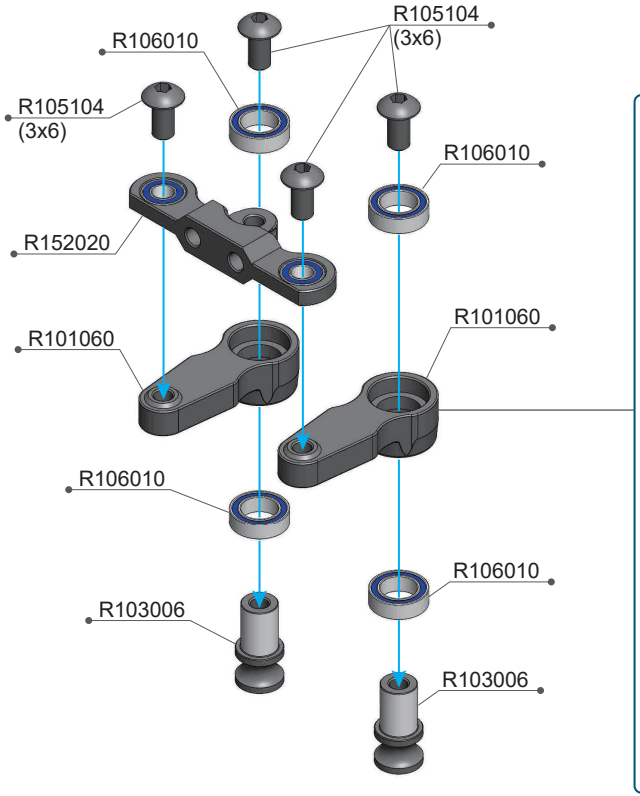












Option Parts (Not Included) / 改裝品(未附於套件內)

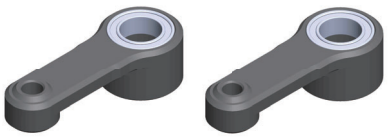
R132044 Bell Crank 18mm Alu B.B Assembled (2)

The optional R132044 bell crank 18mm are designed for A10 and R12 series of cars.

They are the same distance as the plastic bell cranks but are precision CNC machined from 7075-T6 aluminum.

They come with the bearings pre-installed for minimal paly and give more precise handling especially on the high traction tracks.

適用於R12與A10系列車種的7075-T6鋁合金雙搖臂，此搖臂的距離與塑膠件相同可以直接替用，預先安裝的培林將虛位減到最小並提供更精確的操控性。

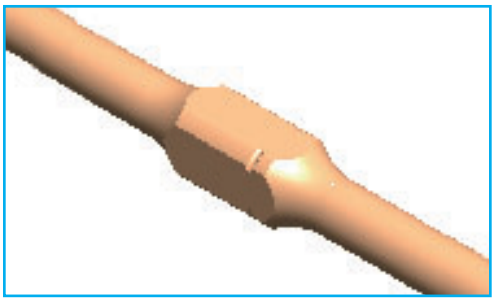


R101060	Servo Horn Dual steering arm	R102816	Turnbuckle 3x20mm ALU-7075 (2pcs)
R10107A	Ball Joint 4.9mm Open (6pcs)	R103006	Steering Shaft(2pcs)
R10107D	Steering Rod Ball Joint	R105104	3x6 Round Screw (10)
R102100	Alu 4.9mm Ball End Short(4pcs)	R106010	5x8x2.5mm Ball Bearing (4pcs)
R102101	Alu 4.9mm Ball End Med(4pcs)	R133015	Ball Head 4.9mm +0.5 (4)
R102815	Turnbuckle 3x37mm ALU-7075 (2pcs)	R152020	Steering Plate 8.0

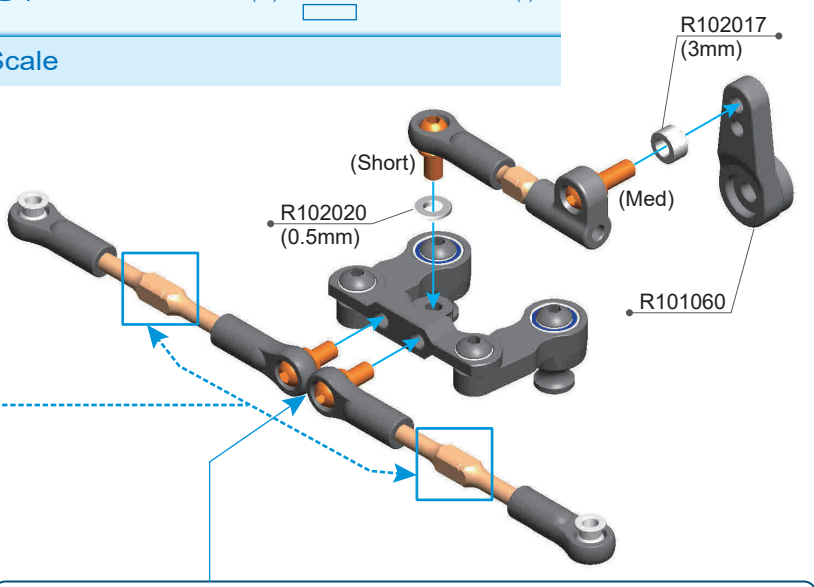
R102017 3x5.5x3mm Alu Shims (4)
R102020 3x6x0.5mm Alu Shims (8)
R145001 3x6mm Thin Flat Screw (10)
R812121 3x7x2mm Alu Shims (8)

1:1 Scale

NOTICE

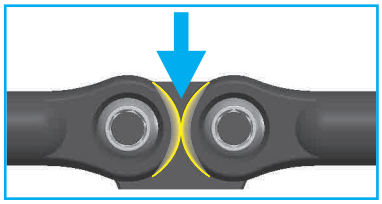


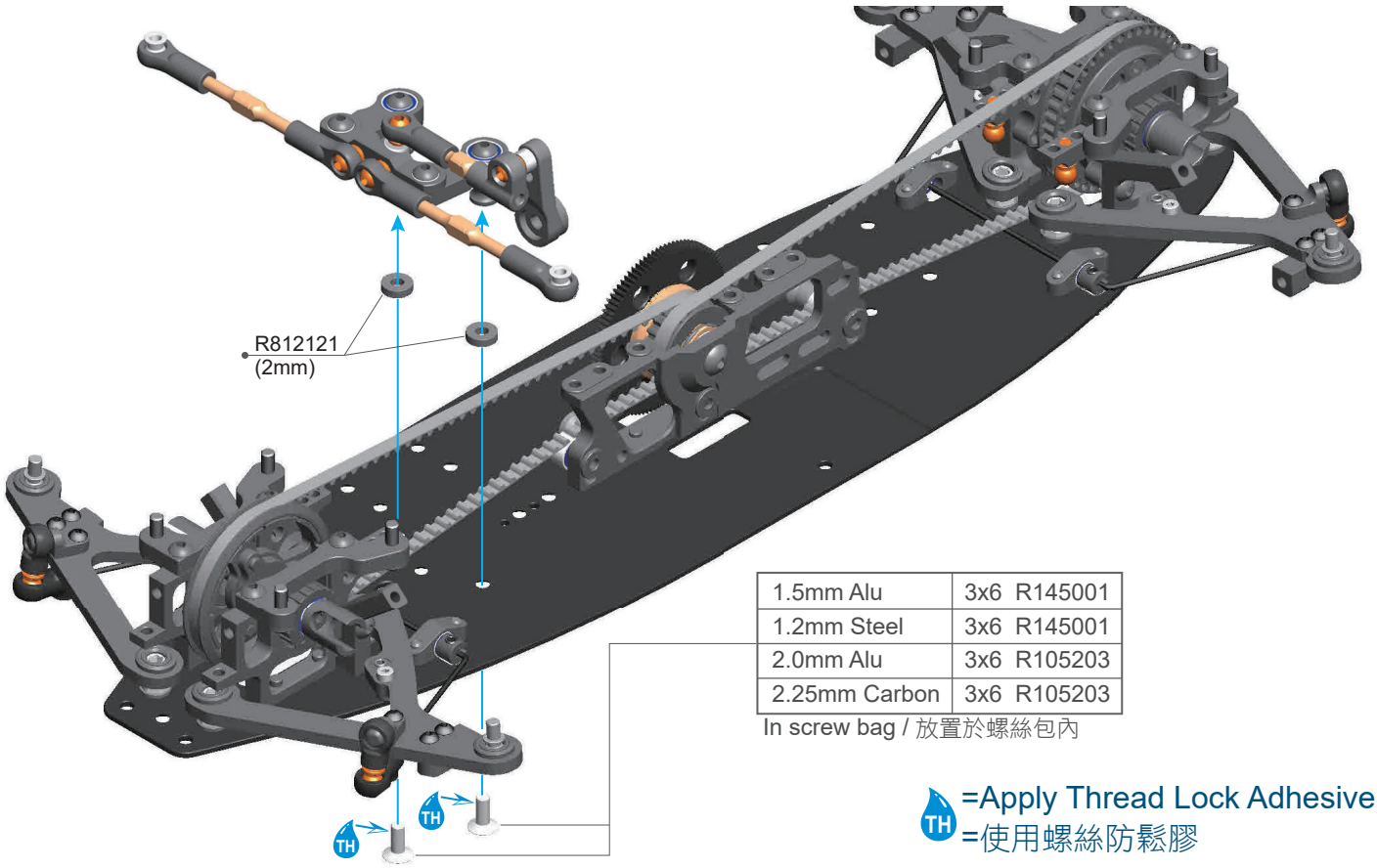
Turning towards the rear
= makes the plastic parts tighter
Turning towards the front
= makes them looser / wider
This makes trackside adjustments much faster and more intuitive.
向後旋轉 = 使塑膠部件更緊
向前旋轉 = 使它們更鬆/更寬
這樣可以讓賽道邊的調整更加快速方便。



NOTICE

Please remove material from the ball ends as needed, to prevent them from rubbing against each other.
請依圖示修平球頭之邊角以防止磨擦。





1.5mm Alu	3x6 R145001
1.2mm Steel	3x6 R145001
2.0mm Alu	3x6 R105203
2.25mm Carbon	3x6 R105203

In screw bag / 放置於螺絲包內

TH =Apply Thread Lock Adhesive
=使用螺絲防鬆膠

R101060	Servo Horn Dual steering arm
R102017	3X5.5X3mm Alu Shims(4pcs)
R102020	3x6x0.5mm Alu Shims(8pcs)
R145001	3x6mm Thin Flat Screw (10)
R812121	3x7x2mm Alu Shims (8)



R105104
3x6 Round Screw (10)



R105105
3x8 Round Screw (10)

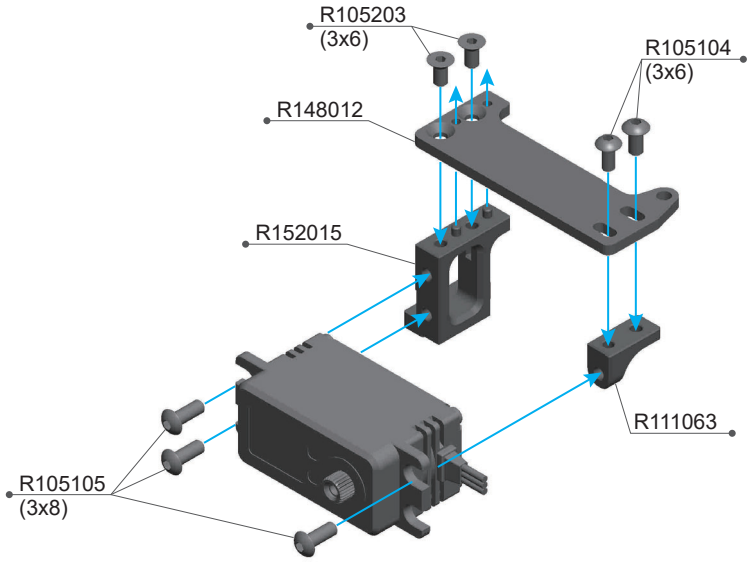


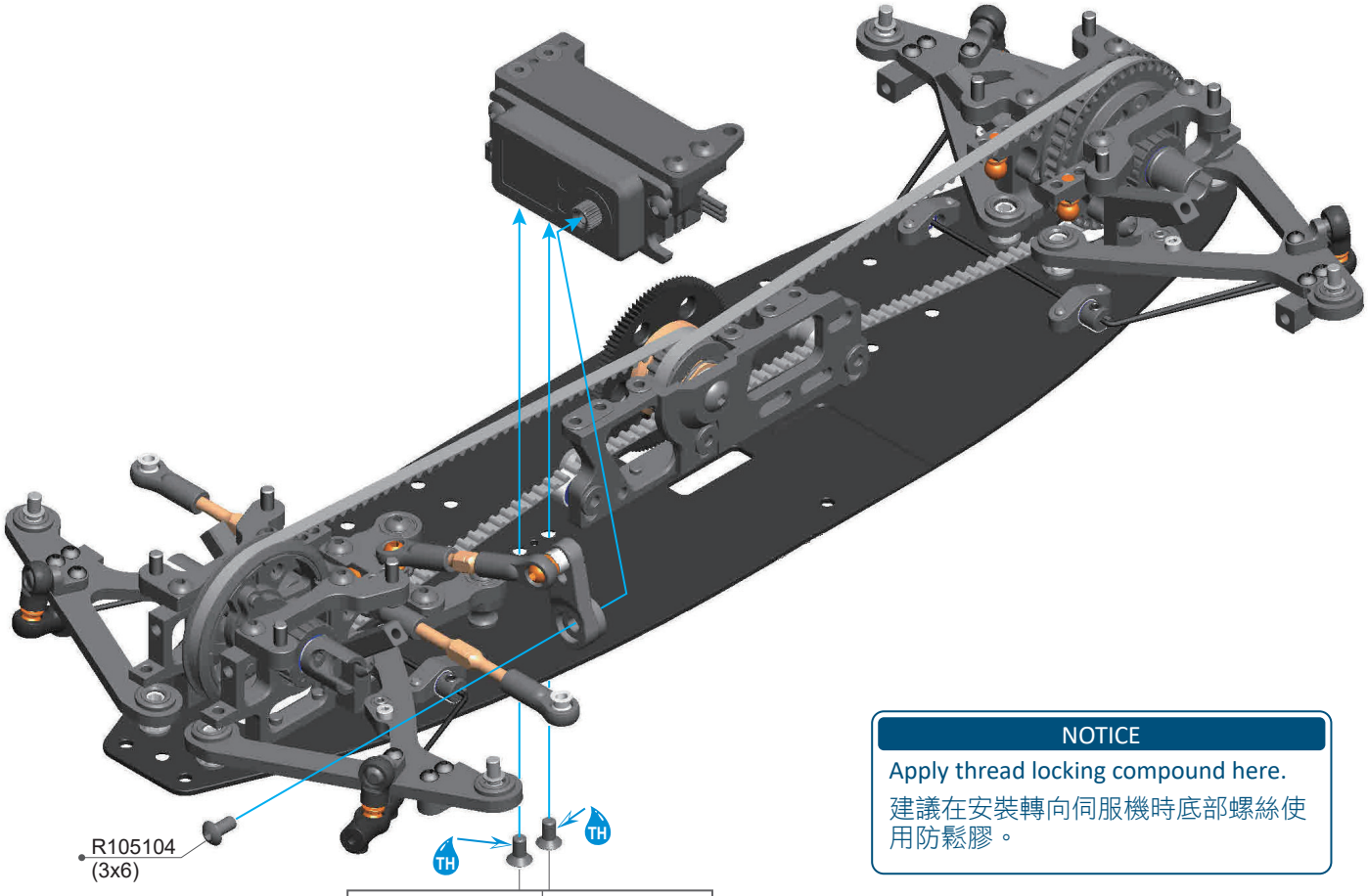
R105203
3x6mm Flat Screw (10)



R145001
3x6mm Thin Flat Screw (10)

1:1 Scale





1.5mm Alu	3x6 R145001
1.2mm Steel	3x6 R145001
2.0mm Alu	3x6 R105203
2.25mm Carbon	3x6 R105203

In screw bag / 放置於螺絲包內

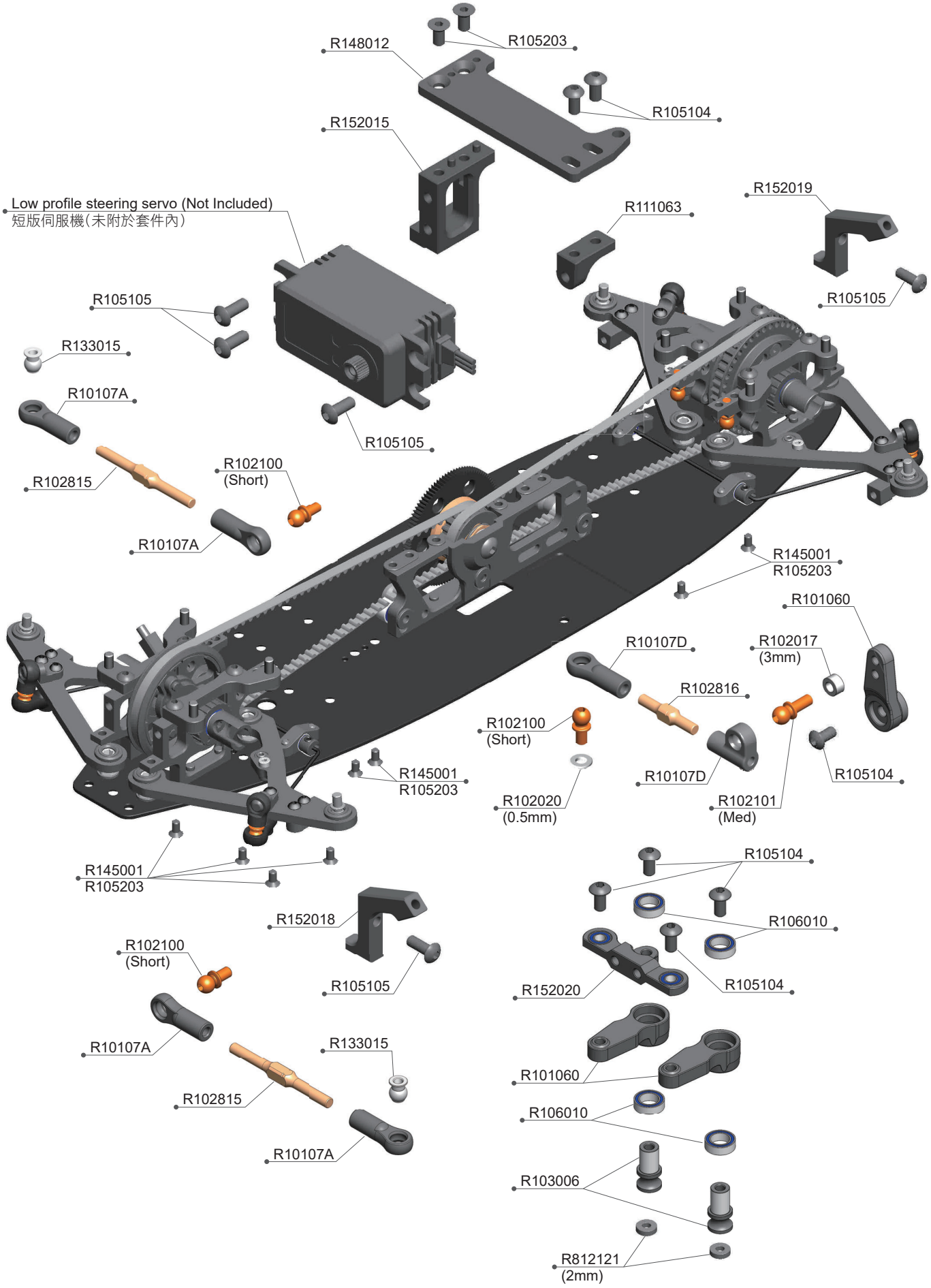
NOTICE

Apply thread locking compound here.
建議在安裝轉向伺服機時底部螺絲使用防鬆膠。

TH =Apply Thread Lock Adhesive
=使用螺絲防鬆膠

R105104 3x6 Round Screw (10)
R105105 3x8 Round Screw (10)
R105203 3x6mm Flat Screw (10)
R111063 R11 Servo Mount-Left
R145001 3x6mm Thin Flat Screw (10)
R148012 A10-25 Servo Mount Plate
R152015 A11 Servo Mount Base

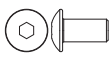
A11 BAG 03 PARTS EXPLODED VIEW



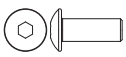
A11 BAG 03 PARTS LIST

R101060	Servo Horn Dual steering arm
R10107A	Ball Joint 4.9mm Open (6pcs)
R10107D	Steering Rod Ball Joint
R102017	3X5.5X3mm Alu Shims(4pcs)
R102020	3x6x0.5mm Alu Shims(8pcs)
R102100	Alu 4.9mm Ball End Short(4pcs)
R102101	Alu 4.9mm Ball End Med(4pcs)
R102815	Turnbuckle 3x37mm ALU-7075 (2pcs)
R102816	Turnbuckle 3x20mm ALU-7075 (2pcs)
R103006	Steering Shaft(2pcs)
R105104	3x6 Round Screw (10)
R105105	3x8 Round Screw (10)
R105203	3x6mm Flat Screw (10)
R106010	5x8x2.5mm Ball Bearing (4pcs)
R111063	R11 Servo Mount-Left
R133015	Ball Head 4.9mm +0.5 (4)
R145001	3x6mm Thin Flat Screw (10)
R148012	A10-25 Servo Mount Plate
R152015	A11 Servo Mount Base
R152018	A11 Front Shock Tower
R152019	A11 Rear Shock Tower
R152020	Steering Plate 8.0
R812121	3x7x2mm Alu Shims (8)

1:1 SCALE



R105104
3x6 Round Screw (10)



R105105
3x8 Round Screw (10)



R105203
3x6mm Flat Screw (10)



R145001
3x6mm Thin Flat Screw (10)



R102017
3x5.5x3mm Alu Shims (4)



R102020
3x6x0.5mm Alu Shims (8)



R106010
5x8x2.5mm Ball Bearing (4)



R812121
3x7x2mm Alu Shims (8)

FRONT STEERING BLOCK / 前方轉向組合說明

R106105
Ø1.5x8 Pin (10)

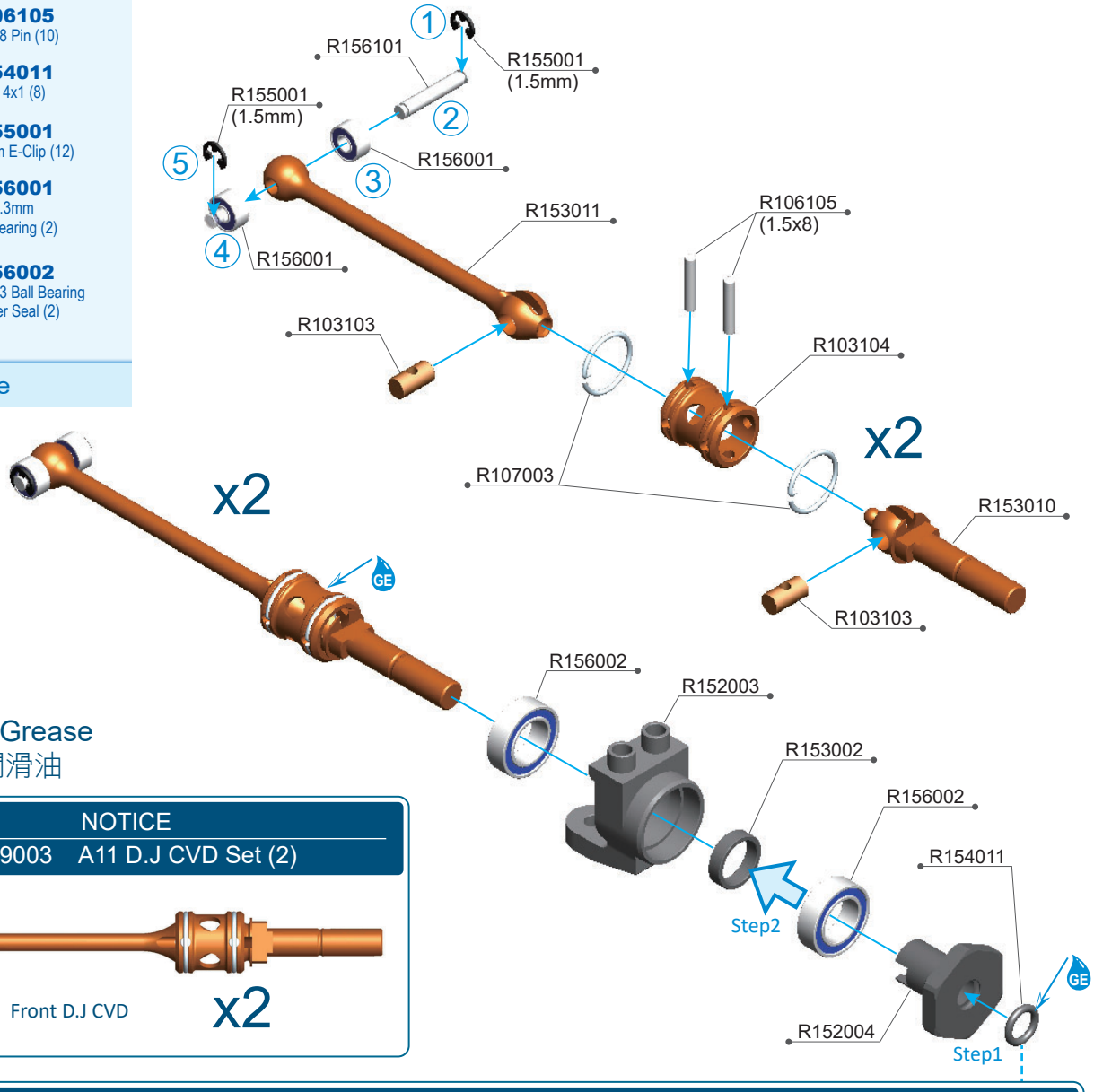
R154011
O'ring 4x1 (8)

R155001
1.5mm E-Clip (12)

R156001
2x5x2.3mm
Ball Bearing (2)

R156002
6x10x3 Ball Bearing
Rubber Seal (2)

1:1 Scale



GE =Apply Grease
GE =使用潤滑油

NOTICE

R159003 A11 D.J CVD Set (2)

Front D.J CVD x2

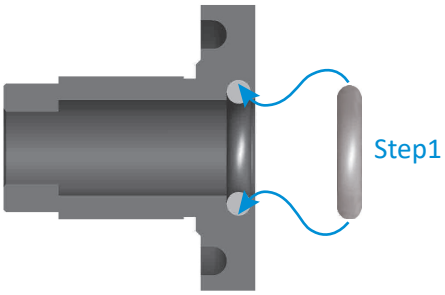
NOTICE

Apply a light film of grease to the wheel hex to make inserting the O-ring significantly easier.

Ensure that R107003 is installed in the correct rotational direction for optimal smoothness and durability.

在O 形環上塗抹一層薄薄的潤滑脂，可以顯著簡化六角輪座 的安裝。

確保 R107003 傳動軸以正確的旋轉方向安裝，以獲得最佳的運轉平順性和耐用性。



R103103	D.J CVD Insert(2pcs)
R103104	D.J CVD Joint (1pcs)
R106105	1.5x8mm Pin (10pcs)
R107003	D.J CVD G-Clip(8pcs)
R152003	A11 Upright-Alu
R152004	Hex Hub V3 (2)
R153002	6x7.5x2 Steel Ring (4)
R153010	A11 Front Wheel Axle
R153011	A11 Front Drive Shaft (2)
R154011	O'ring 4x1 (8)
R155001	1.5mm E Clip (12)
R156001	2x5x2.3mm Ball Bearing (2)
R156002	6x10x3 Ball Bearing Rubber Seal (2)
R156101	Drive Shaft B.B pin (4)

REAR STEERING BLOCK / 後方轉向組合說明

R106102
Ø2x10 Pin (10)

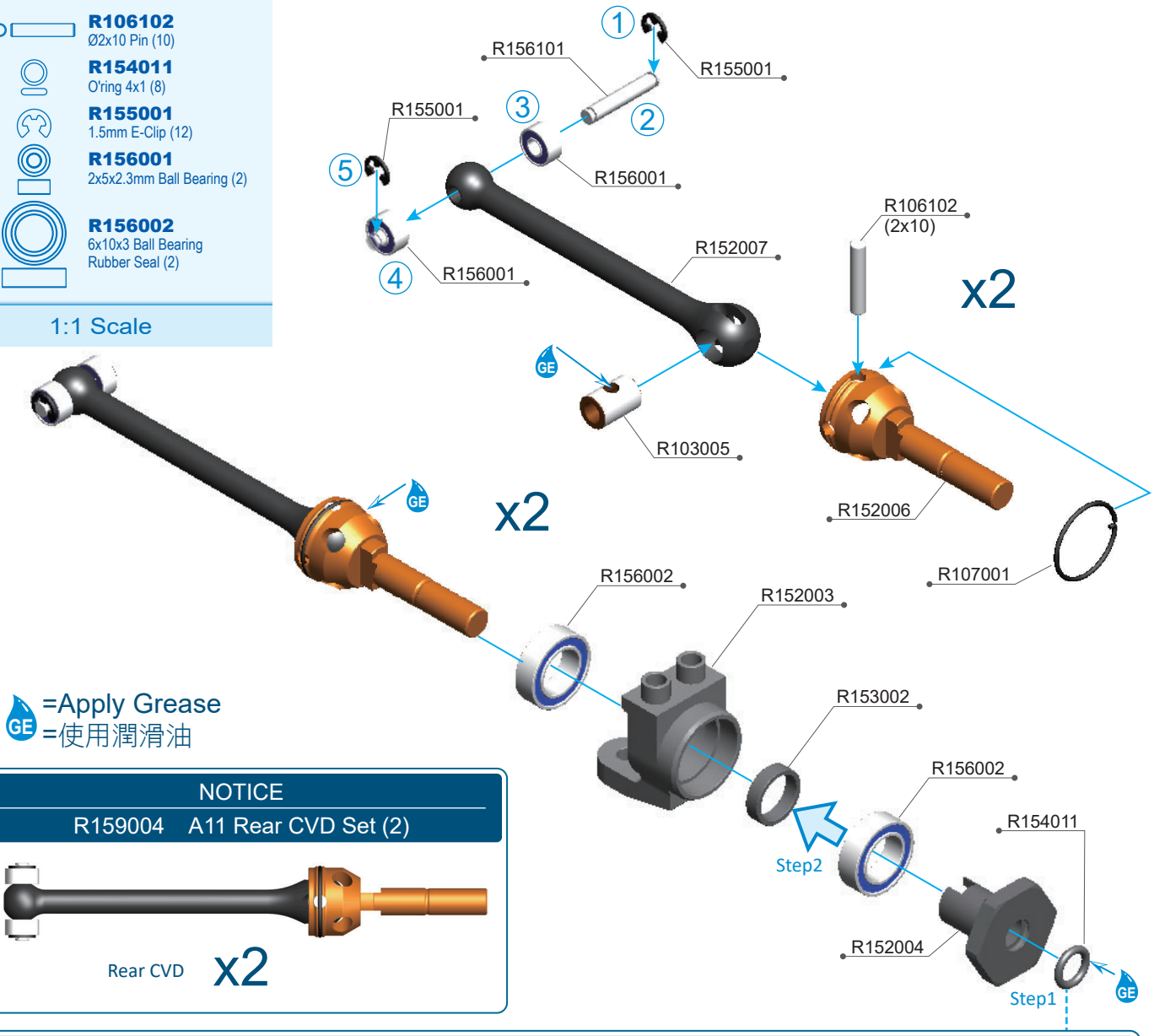
R154011
O'ring 4x1 (8)

R155001
1.5mm E-Clip (12)

R156001
2x5x2.3mm Ball Bearing (2)

R156002
6x10x3 Ball Bearing
Rubber Seal (2)

1:1 Scale



GE =Apply Grease
GE =使用潤滑油

NOTICE

R159004 A11 Rear CVD Set (2)

Rear CVD x2

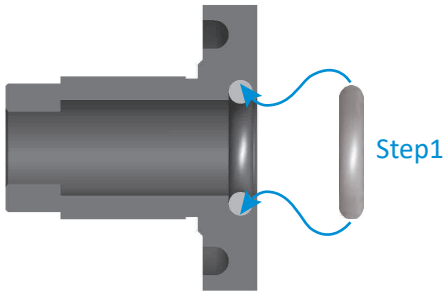
NOTICE

Apply a light film of grease to the wheel hex to make inserting the O-ring significantly easier.

Ensure that R107003 is installed in the correct rotational direction for optimal smoothness and durability.

在O 形環上塗抹一層薄薄的潤滑脂，可以顯著簡化 六角輪座的安裝。

確保 R107003 傳動軸以正確的旋轉方向安裝，以獲得最佳的運轉平順性和耐用性。



R103005	CVD Insert(2pcs)
R106102	2x10mm Pin (10pcs)
R107001	CVD G-Clip(8pcs)
R152003	A11 Upright-Alu
R152004	Hex Hub V3 (2)
R152006	A11 Rear Wheel Axle (2)
R152007	A11 Rear CVD Shaft (2)
R153002	6x7.5x2 Steel Ring (4)
R154011	O'ring 4x1 (8)
R155001	1.5mm E Clip (12)
R156001	2x5x2.3mm Ball Bearing (2)
R156002	6x10x3 Ball Bearing Rubber Seal (2)
R156101	Drive Shaft B.B pin (4)

R102017
3x5.5x3mm Alu Shims (4)

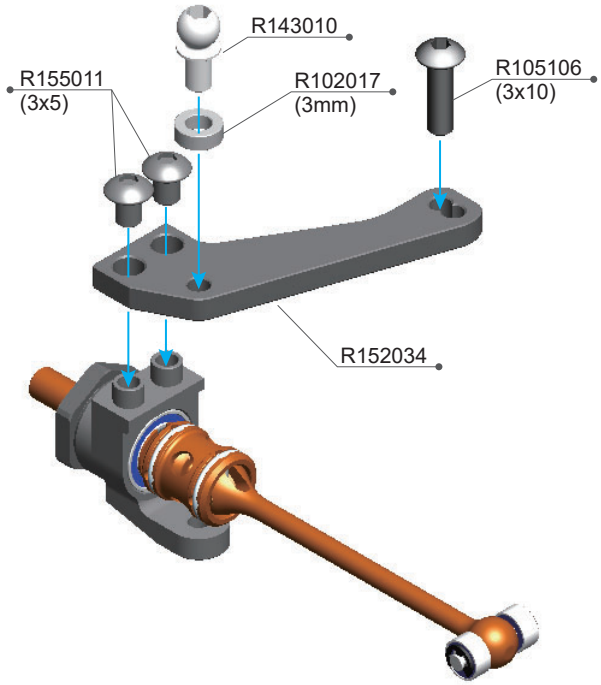
R155011
3x5 Round Screw (10)

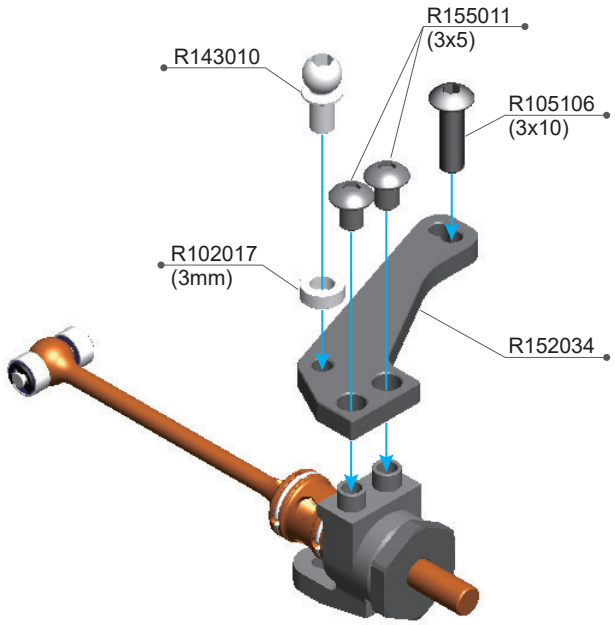
R105106
3x10 Round Screw (10)

R105107
3x12 Round Screw (10)

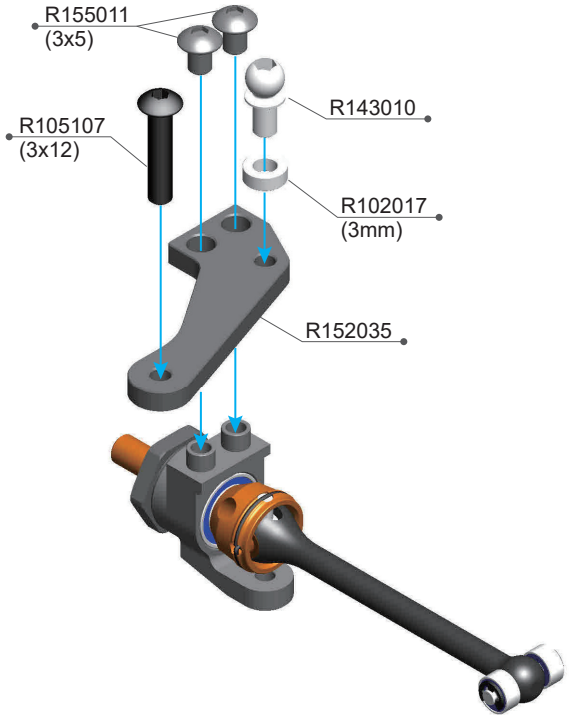
1:1 Scale

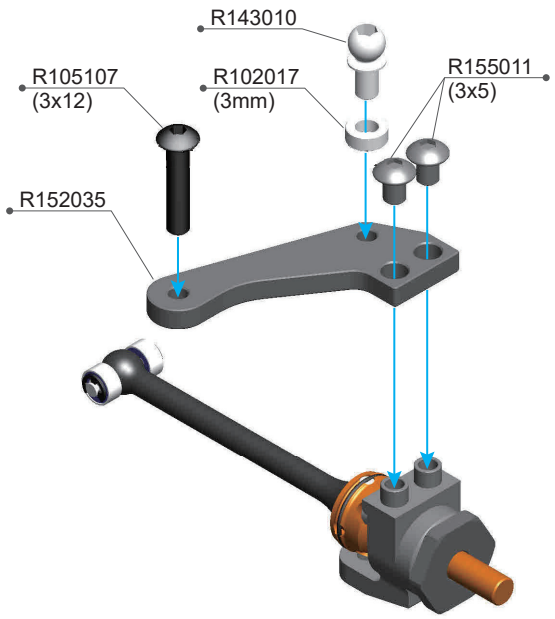
FRONT STEERING BLOCK / 前方轉向組合說明





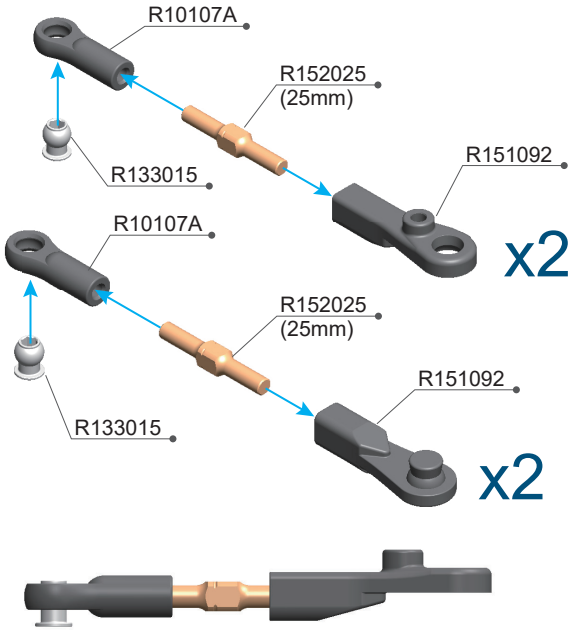
REAR STEERING BLOCK / 後方轉向組合說明



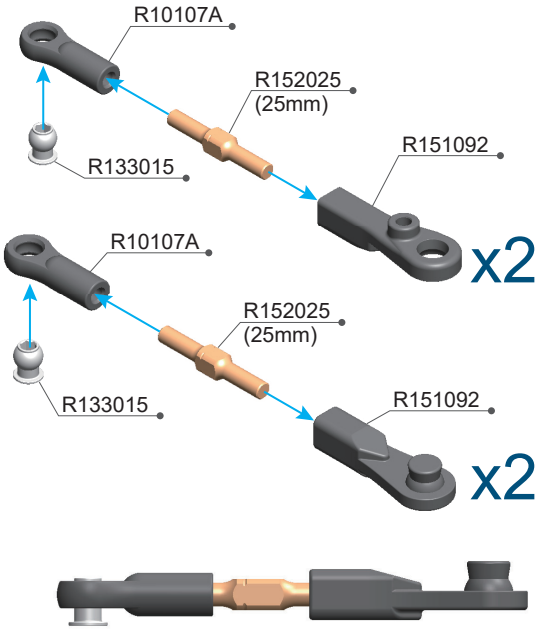


R102017	3X5.5X3mm Alu Shims(4pcs)
R105106	3x10 Round Screw (10)
R105107	3x12 Round Screw (10)
R143010	Titanium 4.85x5mm Ball End (2)
R152034	A11 Steering Plate-Alu
R152035	A11 ATS Plate-Alu
R155011	3x5 Round Screw (10)

FRONT /前連桿



REAR /後連桿

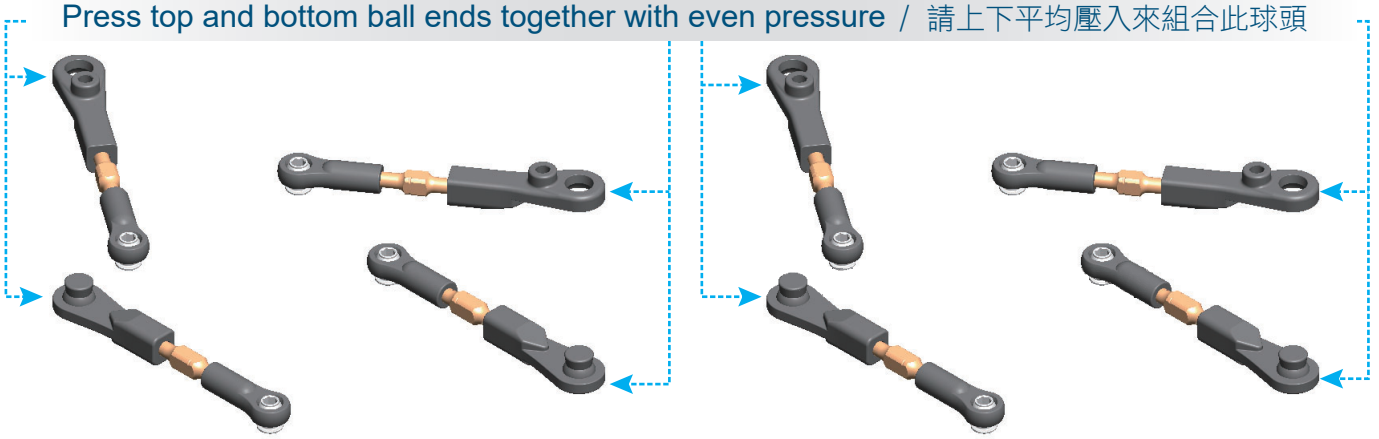


NOTICE

Build the steering turnbuckles in the same orientation as all other turnbuckles for consistent adjustment logic.
為了確保調節邏輯的一致性，轉向拉桿應與其他所有拉桿保持相同的方向。

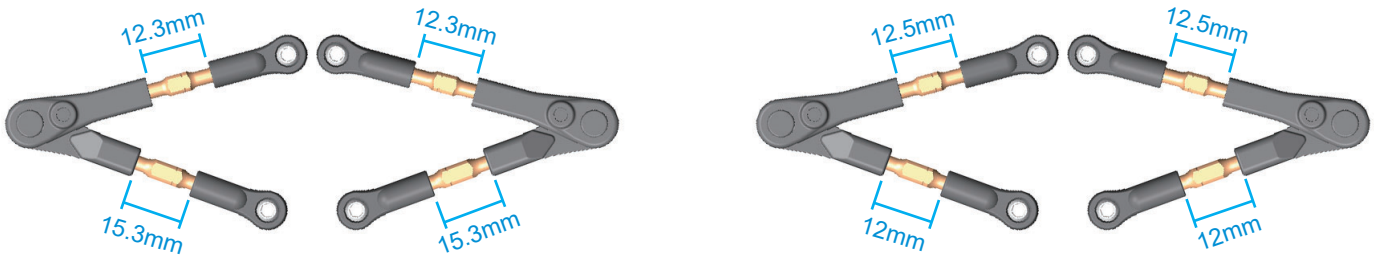
FRONT / 前連桿 | REAR / 後連桿

Press top and bottom ball ends together with even pressure / 請上下平均壓入來組合此球頭



FRONT END / 車頭方向

FRONT / 前連桿 | Initial Setup / 起始設定 | REAR / 後連桿

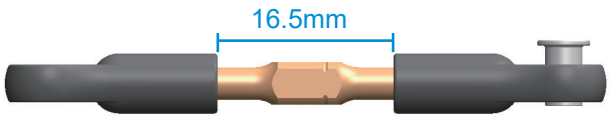


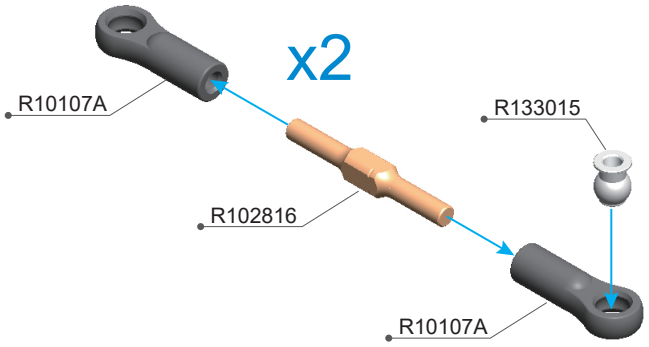
R10107A	Ball Joint 4.9mm Open (6pcs)	R151092	Upper A-Arm Set-Black (2)
R133015	Ball Head 4.9mm +0.5 (4)	R152025	Turnbuckle 3x25mm Alu-7075 (2)

REAR TOE LINKAGE LENGTH / 後連桿長度

Set the Rear Toe linkage length to 16.5mm. With 2mm shims on the Rear Toe steering block, this will provide 3 degree rear toe at normal ride height.

後連桿長度預設為16.5mm，此時後前束角為3度。





R10107A	Ball Joint 4.9mm Open (6pcs)	R133015	Ball Head 4.9mm +0.5 (4)
R102816	Turnbuckle 3x20mm ALU-7075 (2pcs)		

BAG 04



R102018
3x5.5x4mm Alu Shims (4)

R152024
3x8x1.5mm Alu Shims (8)

R812121
3x7x2mm Alu Shims (8)

1:1 Scale

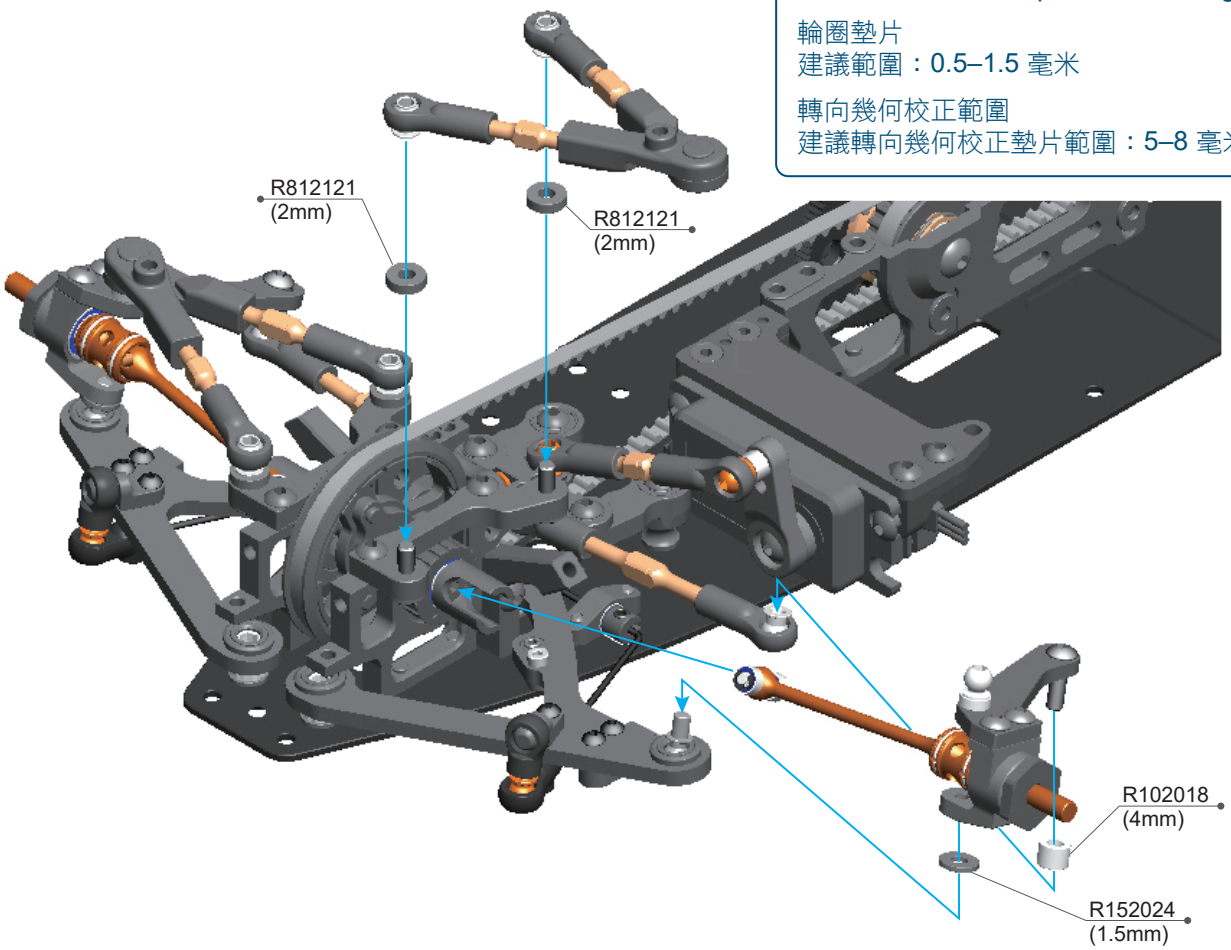
NOTICE

Hub Shims
Recommended range: 0.5–1.5 mm

Bumpsteer Range
Recommended bumpsteer shim range: 5–8 mm

輪圈墊片
建議範圍：0.5–1.5 毫米

轉向幾何校正範圍
建議轉向幾何校正墊片範圍：5–8 毫米



R102018	3x5.5x4mm Alu Shims(4pcs)	R812121	3x7x2mm Alu Shims (8)
R152024	3x8x1.5mm Alu Shims (8)		

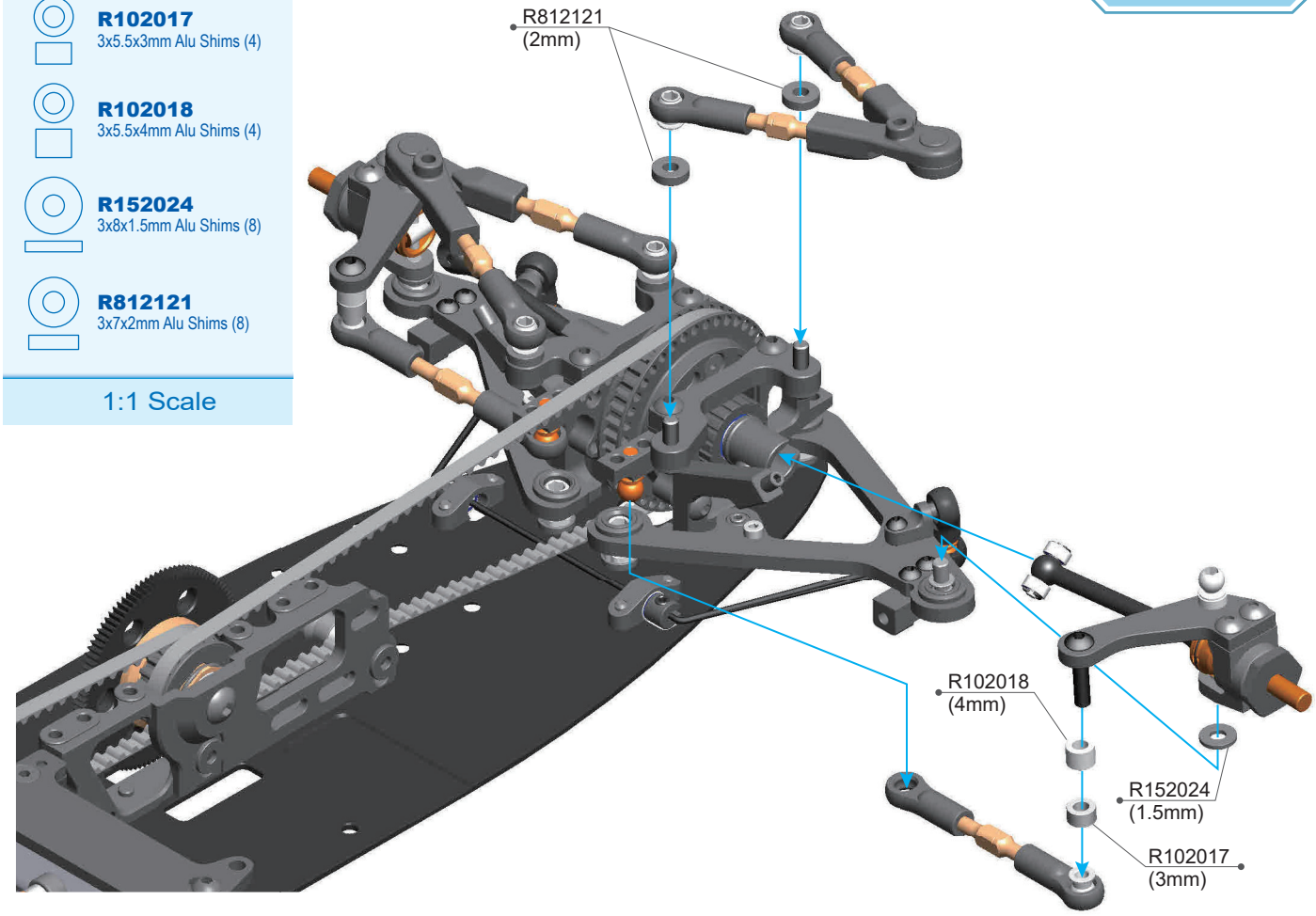
R102017
3x5.5x3mm Alu Shims (4)

R102018
3x5.5x4mm Alu Shims (4)

R152024
3x8x1.5mm Alu Shims (8)

R812121
3x7x2mm Alu Shims (8)

1:1 Scale



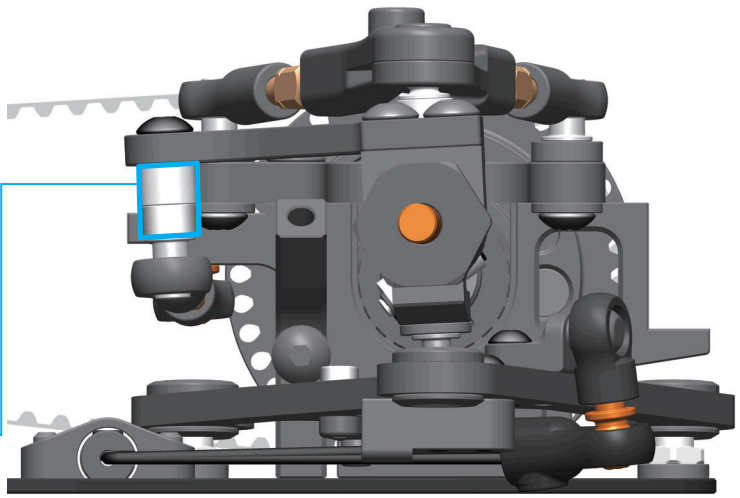
NOTICE

ATS Linkage Setup Instruction / 後連桿設定說明

In the ATS system, the amount of change in rear toe angle can be increased by reducing the shims. The default setting is to use 7mm shims, which results in a very small change in rear toe angle. If you want to increase the amount of change in rear toe angle, please refer to the table below. Under normal circumstances, the greater the change, the more stable will be in corners, but it is not recommended to exceed 1 degree.

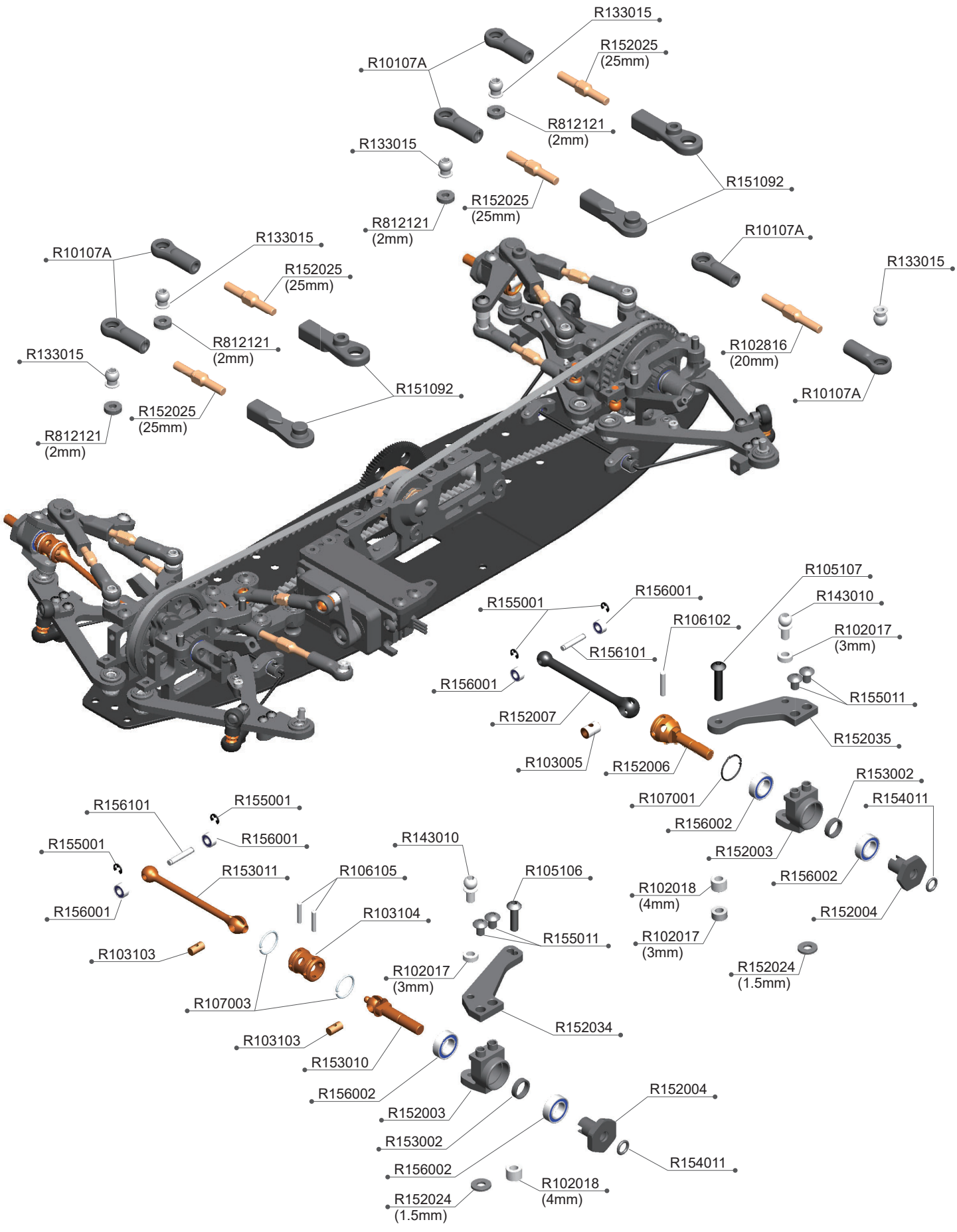
後前束角在ATS這個系統上可以透過減少墊片來增加前束角的變化量，預設是使用7mm的墊片，在這個設定下後前束角的改變很小，如果要增加後前束角的變化量可參考下列表格，在一般情況下越多的變化量可讓車身在彎道中更加的安定，但是不建議超過1度。

ATS Shim Thickness ATS後連桿墊片厚度	Toe Angle Increase 後前束角變化量
7mm	0˚
6mm	0.5˚
5mm	1.0˚



R102017	3x5.5x3mm Alu Shims(4pcs)	R152024	3x8x1.5mm Alu Shims (8)
R102018	3x5.5x4mm Alu Shims(4pcs)	R812121	3x7x2mm Alu Shims (8)

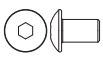
A11 BAG 04 PARTS EXPLODED VIEW



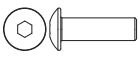
A11 BAG 04 PARTS LIST

R10107A	Ball Joint 4.9mm Open (6pcs)
R102017	3X5.5X3mm Alu Shims(4pcs)
R102018	3x5.5x4mm Alu Shims(4pcs)
R102816	Turnbuckle 3x20mm ALU-7075 (2pcs)
R103005	CVD Insert(2pcs)
R103103	D.J CVD Insert(2pcs)
R103104	D.J CVD Joint (1pcs)
R105106	3x10 Round Screw (10)
R105107	3x12 Round Screw (10)
R106102	2x10mm Pin (10pcs)
R106105	1.5x8mm Pin (10pcs)
R107001	CVD G-Clip(8pcs)
R107003	D.J CVD G-Clip(8pcs)
R133015	Ball Head 4.9mm +0.5 (4)
R143010	Titanium 4.85x5mm Ball End (2)
R151092	Upper A-Arm Set-Black (2)
R152003	A11 Upright-Alu
R152004	Hex Hub V3 (2)
R152006	A11 Rear Wheel Axle (2)
R152007	A11 Rear CVD Shaft (2)
R152024	3x8x1.5mm Alu Shims (8)
R152025	Turnbuckle 3x25mm Alu-7075 (2)
R152034	A11 Steering Plate-Alu
R152035	A11 ATS Plate-Alu
R153002	6x7.5x2 Steel Ring (4)
R153010	A11 Front Wheel Axle
R153011	A11 Front Drive Shaft (2)
R154011	O'ring 4x1 (8)
R155001	1.5mm E Clip (12)
R155011	3x5 Round Screw (10)
R156001	2x5x2.3mm Ball Bearing (2)
R156002	6x10x3 Ball Bearing Rubber Seal (2)
R156101	Drive Shaft B.B pin (4)
R159003	D.J CVD V2 Set (2)
R159004	Rear CVD V2 Set (2)
R812121	3x7x2mm Alu Shims (8)

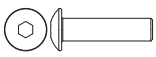
1:1 SCALE



R155011
3x5 Round Screw (10)



R105106
3x10 Round Screw (10)



R105107
3x12 Round Screw (10)

R106102
Ø2x10 Pin (10)

R106105
Ø1.5x8 Pin (10)



R154011
O'ring 4x1 (8)



R155001
E-Clip 2mm (10)



R102017
3x5.5x3mm Alu Shims (4)



R102018
3x5.5x4mm Alu Shims (4)



R152024
3x8x1.5mm Alu Shims (8)



R812121
3x7x2mm Alu Shims (8)



R156001
2x5x2.3mm Ball Bearing (2)



R156002
6x10x3 Ball Bearing Rubber Seal (2)

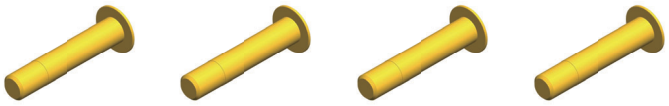
Option Parts (Not Included) / 改裝品(未附於套件內)

R139011

X-Low Shock Shaft -Titanium Coating (4)

R139011 titanium coated shock shafts reduces friction in the shock assembly, resulting in ultra smooth suspension operation and minimizes shock shaft wear.

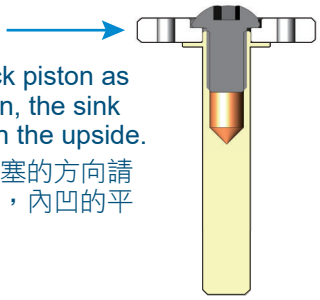
鍍鈦的避震器軸心可使避震器作動使順暢並減少軸心的磨損。

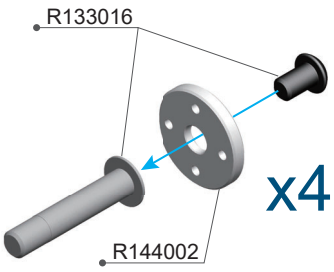


NOTICE

The shock piston as instruction, the sink area is on the upside.

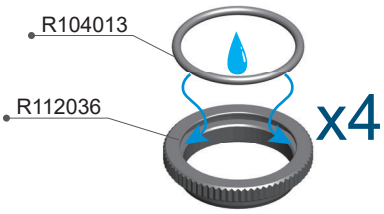
避震器活塞的方向請參考圖示，內凹的平面向上。

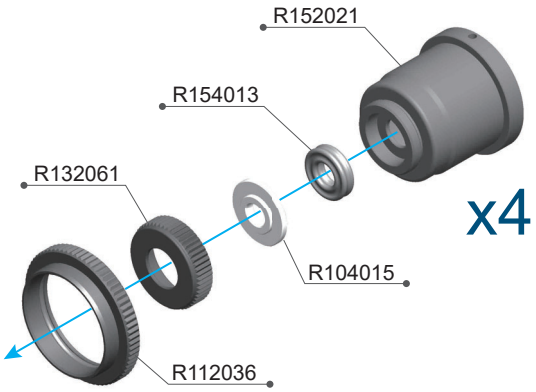


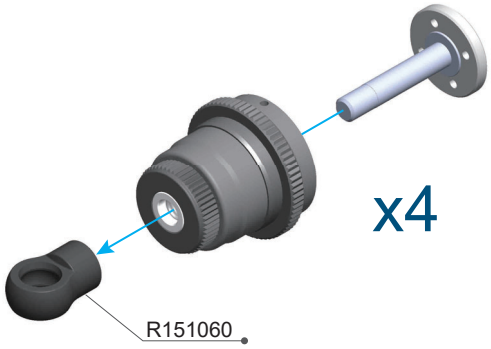


Apply shock oil before assembly

請塗抹少許的避震油於O型環上







NOTICE

4-hole plates: 350–450 cSt
6-hole plates: 500–600 cSt

4 孔阻尼板：350–450 cSt
6 孔阻尼板：500–600 cSt

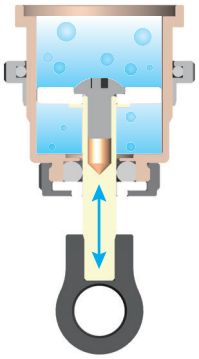
Move the shaft up and down to let the air escape from the oil

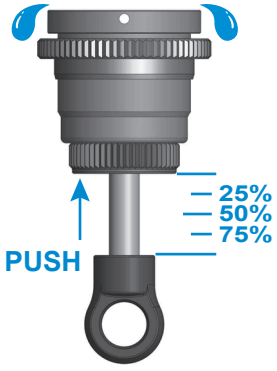
上下移動活塞來將空氣排出。



Fill the shock oil to the top of the shock body

將矽油填滿整個桶身。

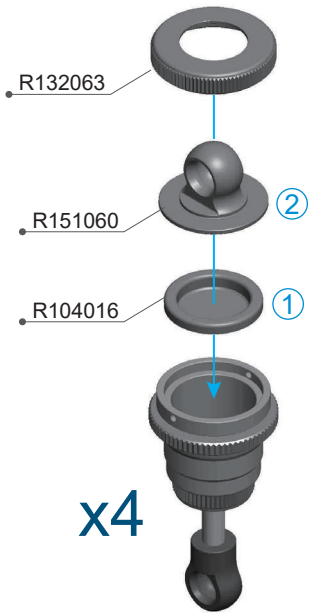




To adjust the rebound amount of the shock, push the shock shaft in to the required level to remove excess oil during assembly.

將活塞回推到設定的回彈位置後，再將氣室放入並將多餘的油排除。

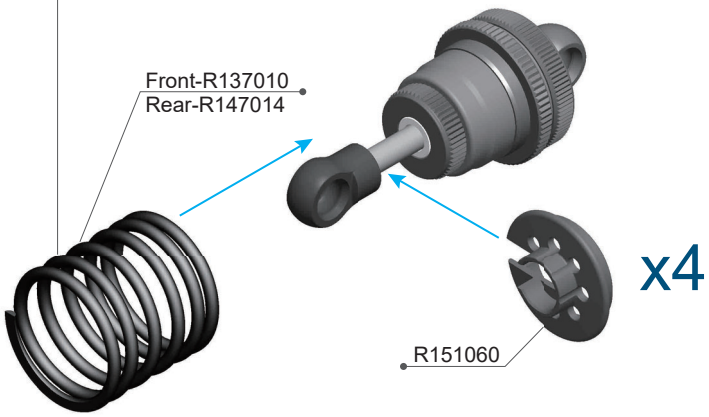
R104013	O'ring 13x1 (2pcs)	R144002	X-Low Shock Piston 1.1mmx4 OD 11.0mm (4)
R104015	Shock Shaft Shim Big Bore (4pcs)	R151060	X-Low 2 Shock Plastic
R112036	Shock Adj Nut-Ultra Short (2)	R152021	X-Low 2 Shock Body (2)
R132061	X-Low Shock Low Cap (2)	R154013	3x2 X'ring (4)
R133016	X-Low Shock Shaft (2)		



NOTICE

The A11 uses 17mm X-Low springs
Front spring R137010 X-Low Spring C2.4-C2.7 17mm (White) (2)
Rear Spring R147014 X-Low Spring C2.75 17mm (2)

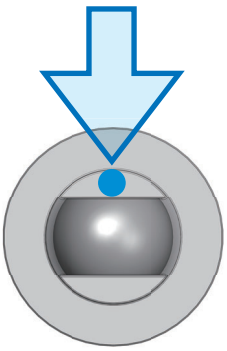
套件內所附的彈簧為X-Low 避震器專用的長度17mm 彈簧
前彈簧為R137010 C2.4-C2.7 白色
後彈簧為R147014 C2.75



NOTICE

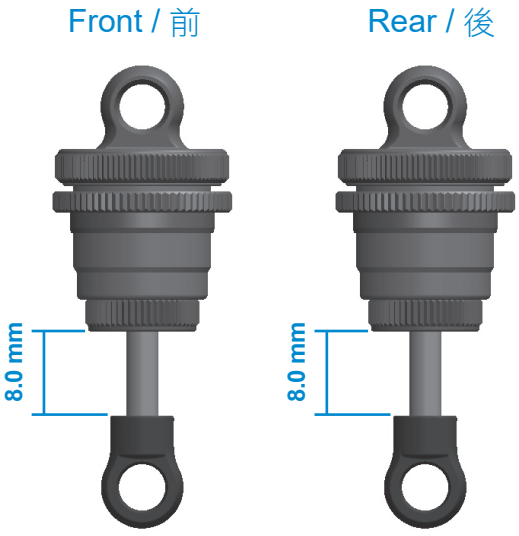
The shock absorber cover has a preset hole that can be drilled or left in place. Drilling the hole reduces the shock absorber's rebound, making it suitable for most surfaces. Leaving the hole in place allows the air chamber to maintain a certain pressure and increases the damping of the downward pressure, making it suitable for use on low-grip surfaces.

避震器上蓋有一個預設的孔可以選擇鑽孔或保留，鑽孔後可以使避震器的回彈降低，適合大多數的場地，如保留不鑽孔可使氣室內保持一定壓力並增加下壓的阻尼，適合使用於低抓地的路面。



NOTICE

Set the shock initial length as below
請將避震器的起始長度如圖示設置



R104016	Shock Membrane Big Bore (4pcs)	R147014	X-Low Spring C2.75 17mm (2)
R132063	X-Low Shock Cap (2)	R151060	X-Low 2 Shock Plastic
R137010	X-Low Spring C2.4-C2.7 17mm (White) (2)		

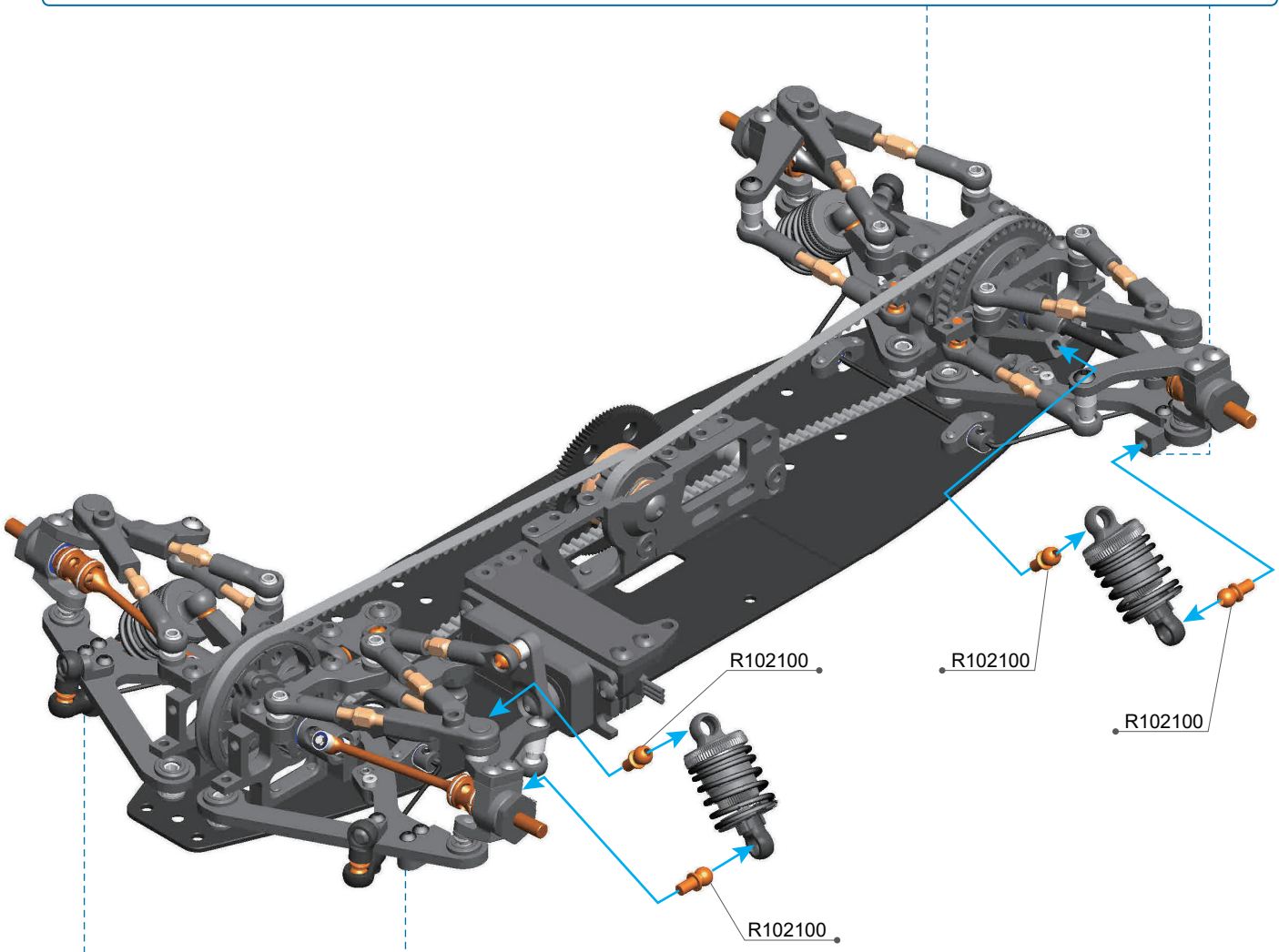
Option Parts (Not Included) / 改裝品(未附於套件內)

R152011 A11 Lower Shock Mount-Alu (2)

The optional aluminum shock lower mount R152011 can make the shock absorber more sensitive and reduce deformation. It is recommended for use on low-grip tracks.

改裝的鋁合金避震器下支點R152011，可以使避震器作動更加敏感並減少變型量，建議使用於低抓地力的場地。





Option Parts (Not Included) / 改裝品(未附於套件內)



R152011 Lower Shock Mount-Alu (2)

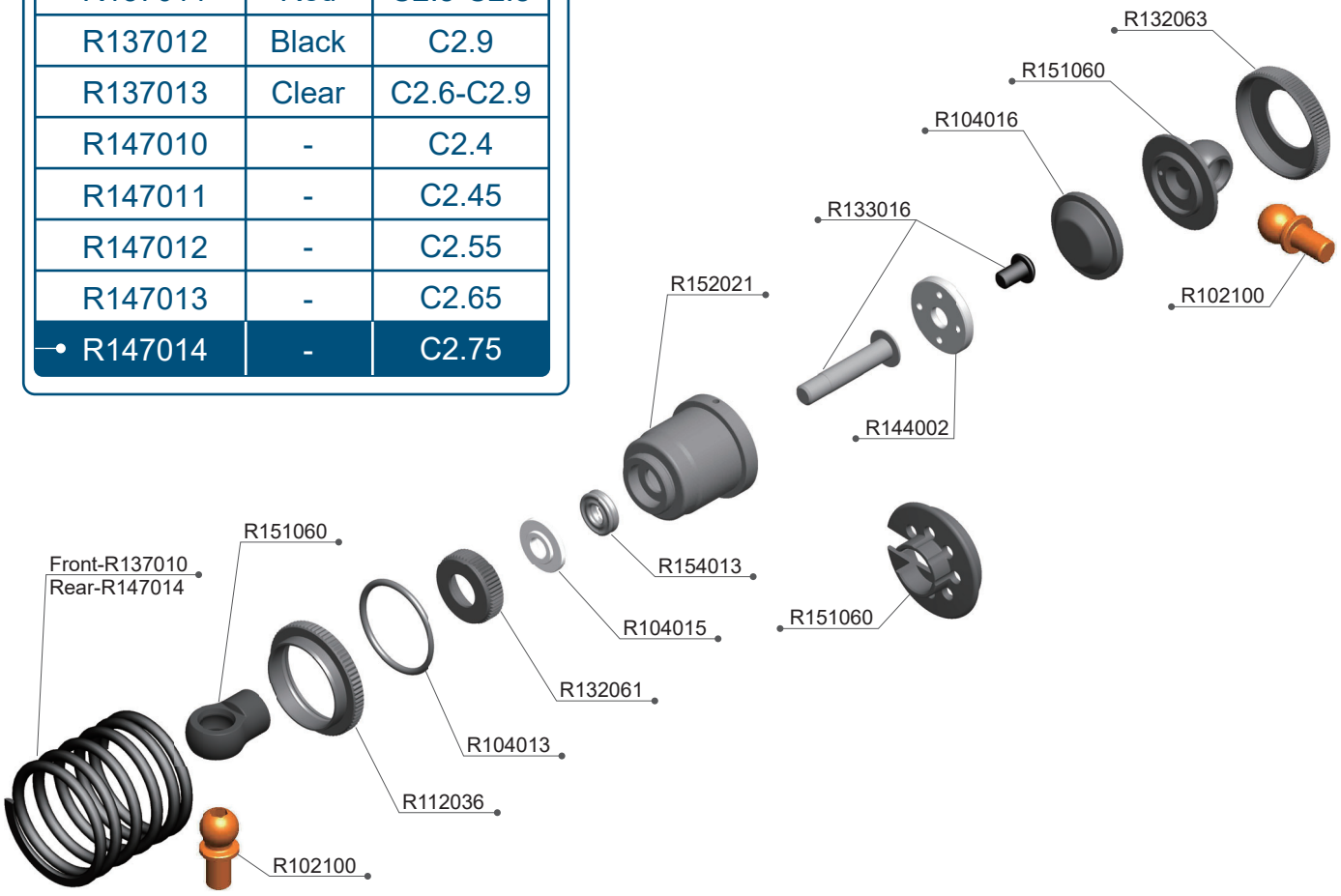
The optional aluminum shock lower mount R152011 can make the shock absorber more sensitive and reduce deformation. It is recommended for use on low-grip tracks.

改裝的鋁合金避震器下支點R152011，可以使避震器作動更加敏感並減少變型量，建議使用於低抓地力的場地。

R102100 Alu 4.9mm Ball End Short(4pcs)

A11 BAG 05 PARTS EXPLODED VIEW

SPRING CHART / 彈簧表		
Parts Number	Color	Kg/f mm
R137001	Blue	C 2.5
R137002	Green	C2.6
R137003	-	C2.7
R137004	Yellow	C2.8
R137010	White	C2.4-C2.7
R137011	Red	C2.5-C2.8
R137012	Black	C2.9
R137013	Clear	C2.6-C2.9
R147010	-	C2.4
R147011	-	C2.45
R147012	-	C2.55
R147013	-	C2.65
R147014	-	C2.75



A11 BAG 05 PARTS LIST

R102100	Alu 4.9mm Ball End Short(4pcs)
R104013	O'ring 13x1 (2pcs)
R104015	Shock Shaft Shim Big Bore (4pcs)
R104016	Shock Membrane Big Bore (4pcs)
R112036	Shock Adj Nut-Ultra Short (2)
R132061	X-Low Shock Low Cap (2)
R132063	X-Low Shock Cap (2)
R133016	X-Low Shock Shaft (2)
R137010	X-Low Spring C2.4-C2.7 17mm (White) (2)
R144002	X-Low Shock Piston 1.1mmx4 OD 11.0mm (4)
R147014	X-Low Spring C2.75 17mm (2)
R151060	X-Low 2 Shock Plastic
R152021	X-Low 2 Shock Body (2)
R154013	3x2 X'ring (4)
R159007	X-Low 2 Shock Set

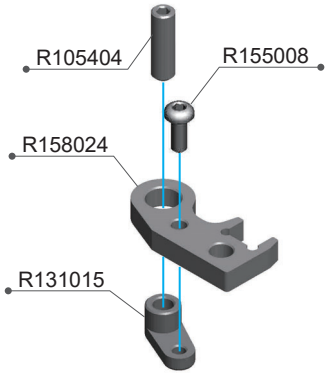
R155008
2x5 Round Screw (10)

R105104
3x6 Round Screw (10)

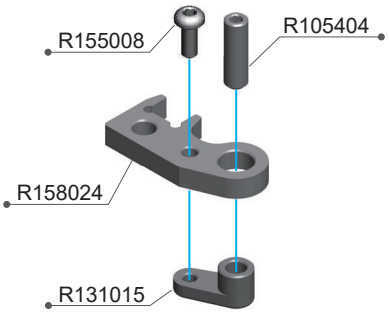
R105404
3x10mm Set Screw (10)

1:1 Scale

Right / 右邊



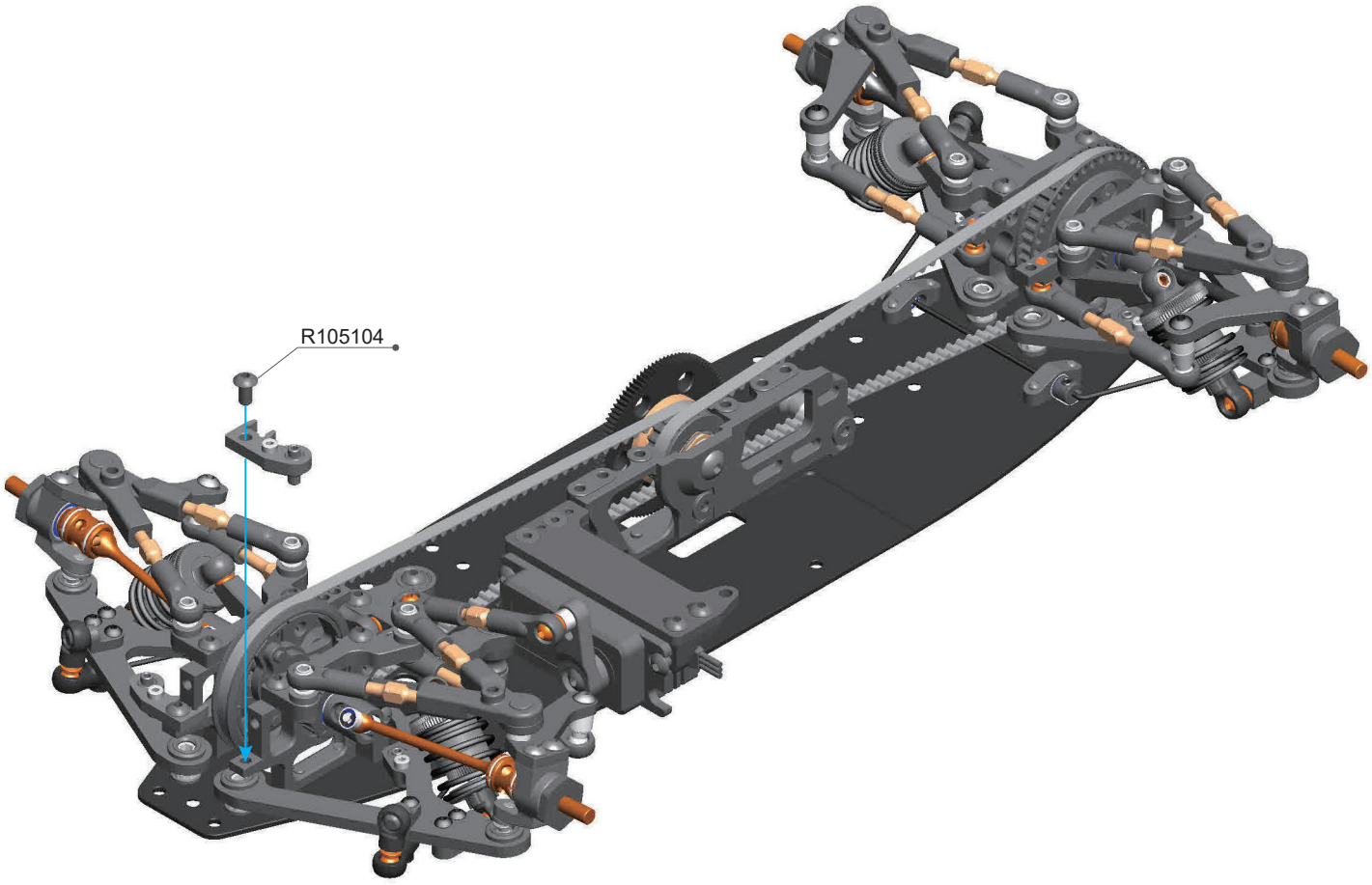
Left / 左邊



NOTICE

We strongly recommend measuring upstop using the Team Titan Downstop Gauge for maximum accuracy.
General Note on Uptravel Limit
When uptravel limit is active, the car becomes much easier to drive and more stable, especially on high grip.
Front: 21.7–22.7 mm ; Rear: 22.5–23.5 mm

我們強烈建議使用 Team Titan 下止點測量儀測量上止點，以獲得最精確的測量結果。
關於上行程限制的一般說明
啟用上行程限制後，車輛將變得更加易於駕駛且更加穩定，尤其是在高抓地力路面上。
前輪：21.7–22.7 mm ; 後輪：22.5–23.5 mm



R105104	3x6 Round Screw (10)	R155008	2x5mm Round Screw (10)
R105404	3x10mm Set Screw (10)	R158024	Up Stop Plate (2)
R131015	Down Stop Insert (2)		

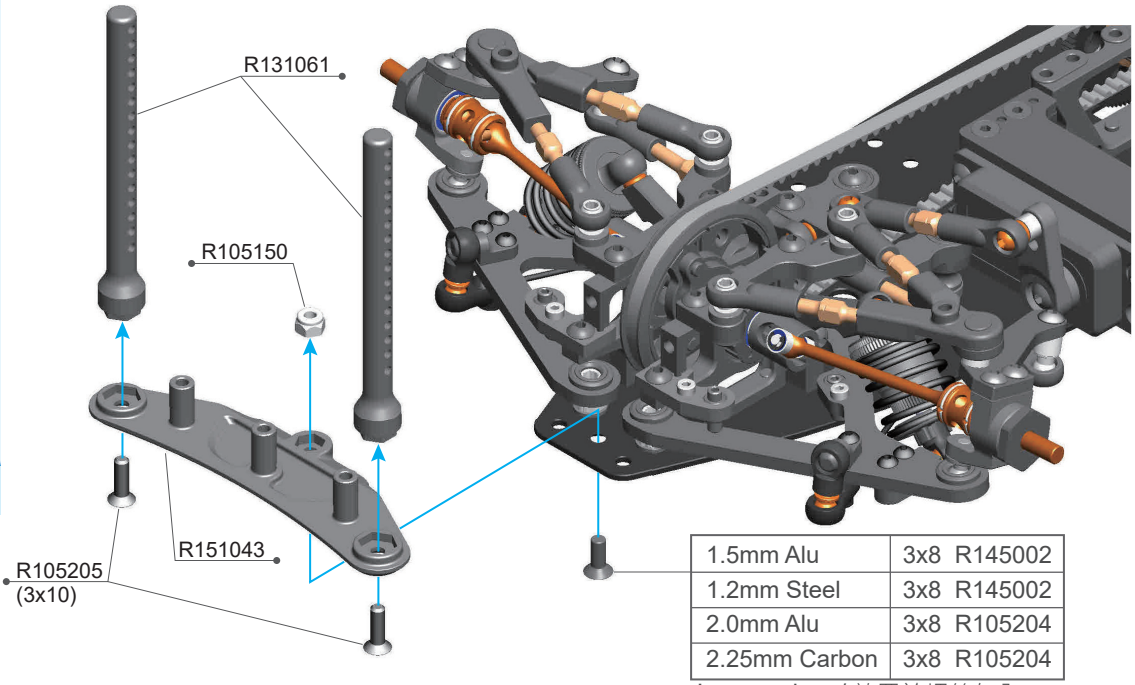
R105105
3x8 Round Screw (10)

R145002
3x8mm Thin Flat Screw (10)

R105205
3x10mm Flat Screw (10)

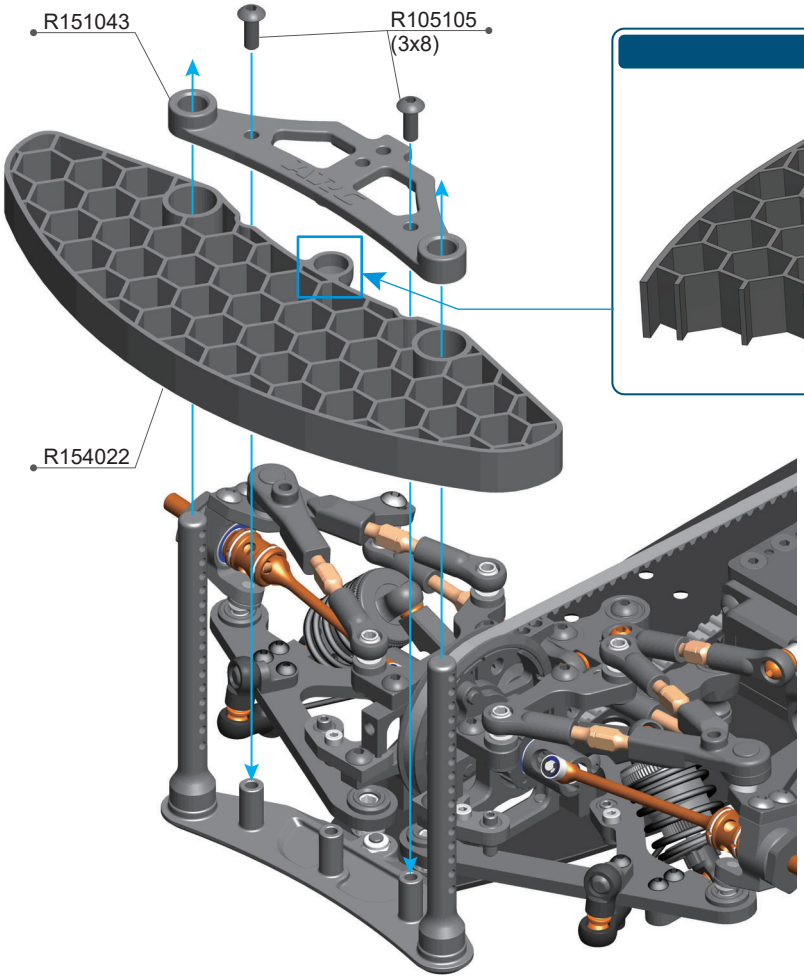
R105150
3mm Nylon Nut (10)

1:1 Scale

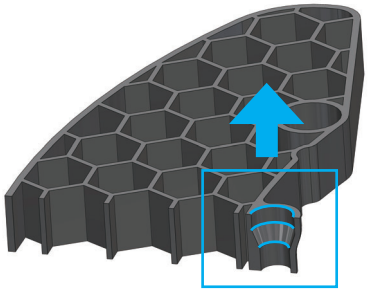


1.5mm Alu	3x8 R145002
1.2mm Steel	3x8 R145002
2.0mm Alu	3x8 R105204
2.25mm Carbon	3x8 R105204

In screw bag / 放置於螺絲包內



NOTICE

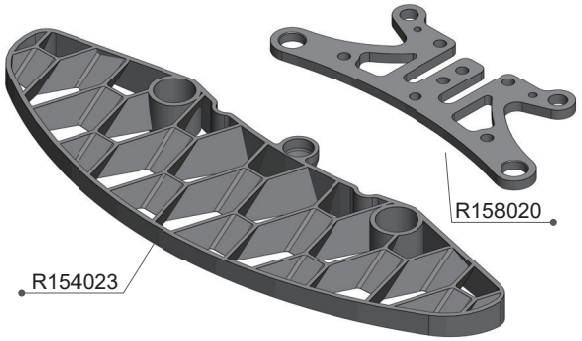


When installing the bumper, please pay attention to the orientation; the larger opening should face upwards.

安裝保險桿時請注意方向，開孔較大的方向是向上的。

Option Parts (Not Included)
/ 改裝品(未附於套件內)

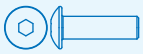
R154023 A11 AERO Bumper
R158020 A11 Bumper Upper Plate-Carbon



R105105	3x8 Round Screw (10)
R105150	3mm Nylon Nut (10)
R105205	3x10mm Flat Screw (10)
R131061	Body Tower Set-Hard
R145002	3x8mm Thin Flat Screw (10)
R151043	A11 Bumper Set
R154022	A11 3D Bumper



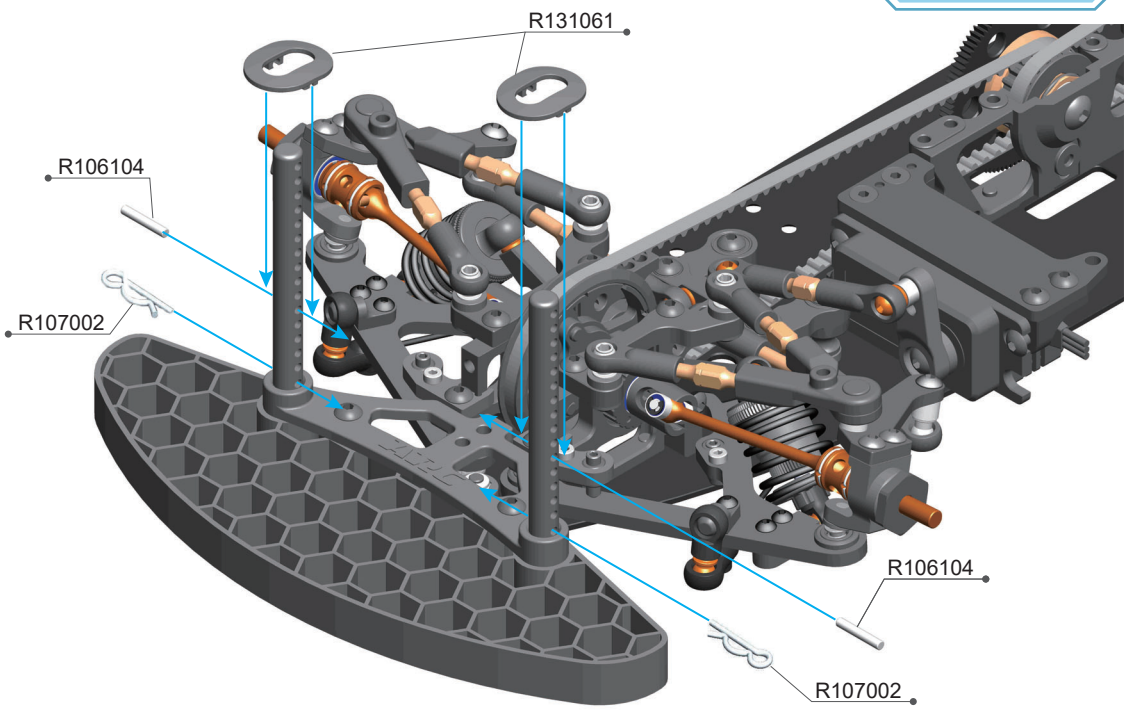
R105105
3x8 Round Screw (10)

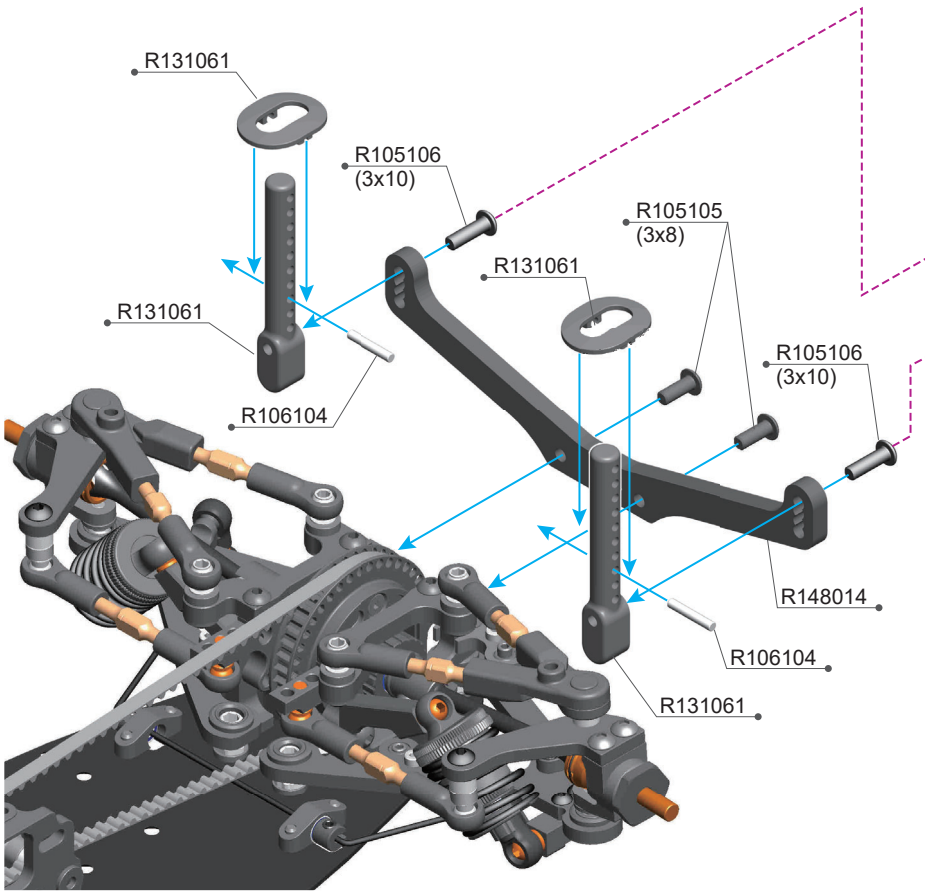


R105106
3x10 Round Screw (10)

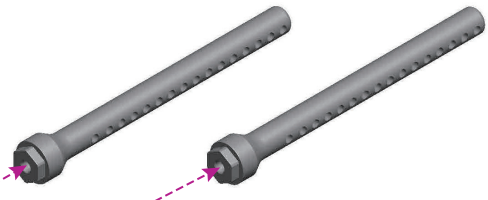
R106104
Ø2x11.8 Pin (10)

1:1 Scale





HORIZONTAL BODY POST (Not Included)
水平後車殼柱 (未附於套件中)



Using front body post in rear can make rear body post into horizontal, in most case it can reduce down force of the body-shell and make different handling.

將前車殼柱鎖到後車殼架可將車殼固定方式改成水平式，在大多數的情況下使用水平車殼柱可以降低車殼的下壓力並改變車子的操控性能。

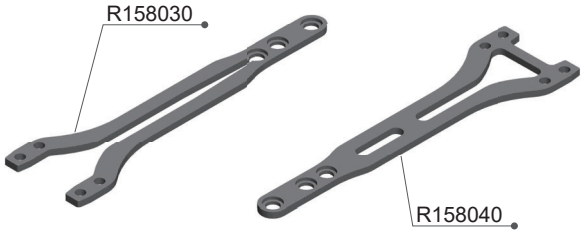
R105105	3x8 Round Screw (10)	R107002	R-Clip(8pcs)
R105106	3x10 Round Screw (10)	R131061	Body Tower Set-Hard
R106104	2x11.8mm Pin (10pcs)	R148014	A10-25 Rear Body Tower

Option Parts (Not Included) / 改裝品(未附於套件內)

R158030 A11 Front Upper Deck
R158040 A11 Rear Upper Deck

The optional 2-piece top decks are a useful tuning aid to fine tune the flex for the A10. It allows front and rear flex to be independently adjusted according to track conditions.

分離式的二樓板前方二樓板R158030,後方二樓板R158040這二種改裝二樓板可以用來調整A11，相比於原廠一片式二樓板，分離式的前方與後方分別可以分開調整，並可以調整到較高的硬度。



NOTICE

The R158031 One-Piece Upper Deck provides more diverse settings and more stable grip. Similar to the Separated Upper Deck in car kit, there are three screws at the front and three at the rear to adjust the traction. The default setting is to use screws F1 and R1. When R2 and R3 are added, the rear grip will increase sequentially. When screws F2 and F3 are added, the front steering response will increase sequentially.

R158031 一體式二樓可提供更多樣的設定與更穩定的抓地力，與附車的分離式二樓板相同，前後各有三顆鏍絲可用來調整車身的抓地力，預設為使用F1與R1這二顆鏍絲，當加上R2 與R3時會依序增加後方的抓地力，如加上F2與F3鏍絲時，前方轉向的反應會依序的增加。



R105104
3x6 Round Screw (10)

1:1 Scale

R105104	3x6 Round Screw (10)	R158031	A11 One-Piece Upper Deck 2.0mm
R122026	R12 Upper Deck Screw-Titanium (3)		

Option Parts (Not Included) / 改裝品(未附於套件內)

R149005 A10 Tweak Stick Set

The new tweak stick for A10 and A10MF series cars, the full carbon fiber construction, and disassembles for easy carry.

Instruction:

1. Make sure the chassis plate is new with minimized wearing.
2. Loosen the top and lower bulkhead screw by half-tune.
3. Place the chassis on a flat plate.
4. Put the tweak stick set on the upper bulkhead and press down firmly.
5. Use another hand and screw up the top bulkhead.
6. Tight lower bulkhead screws as well.

適用於 A10 和 A10MF 系列車的全新微調桿，採用全碳纖維結構，可拆卸，方便攜帶。

使用説明：

1. 確保底盤板為全新且磨損極小。
2. 將上下隔板螺絲旋鬆一半。
3. 將底盤放置在平坦的托盤上。
4. 將微調桿組件放在上隔板上並用力向下按壓。
5. 用另一隻手旋緊上隔板螺絲。
6. 同時鎖緊下隔板螺絲。

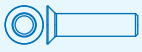




R105105
3x8 Round Screw (10)

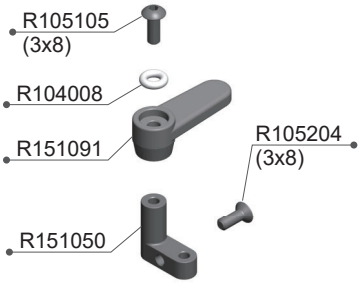


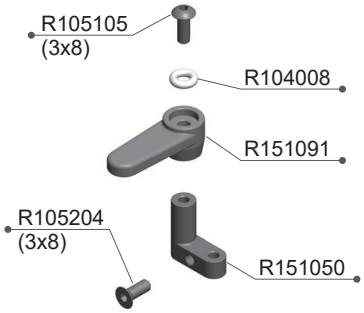
R105204
3x8mm Flat Screw (10)



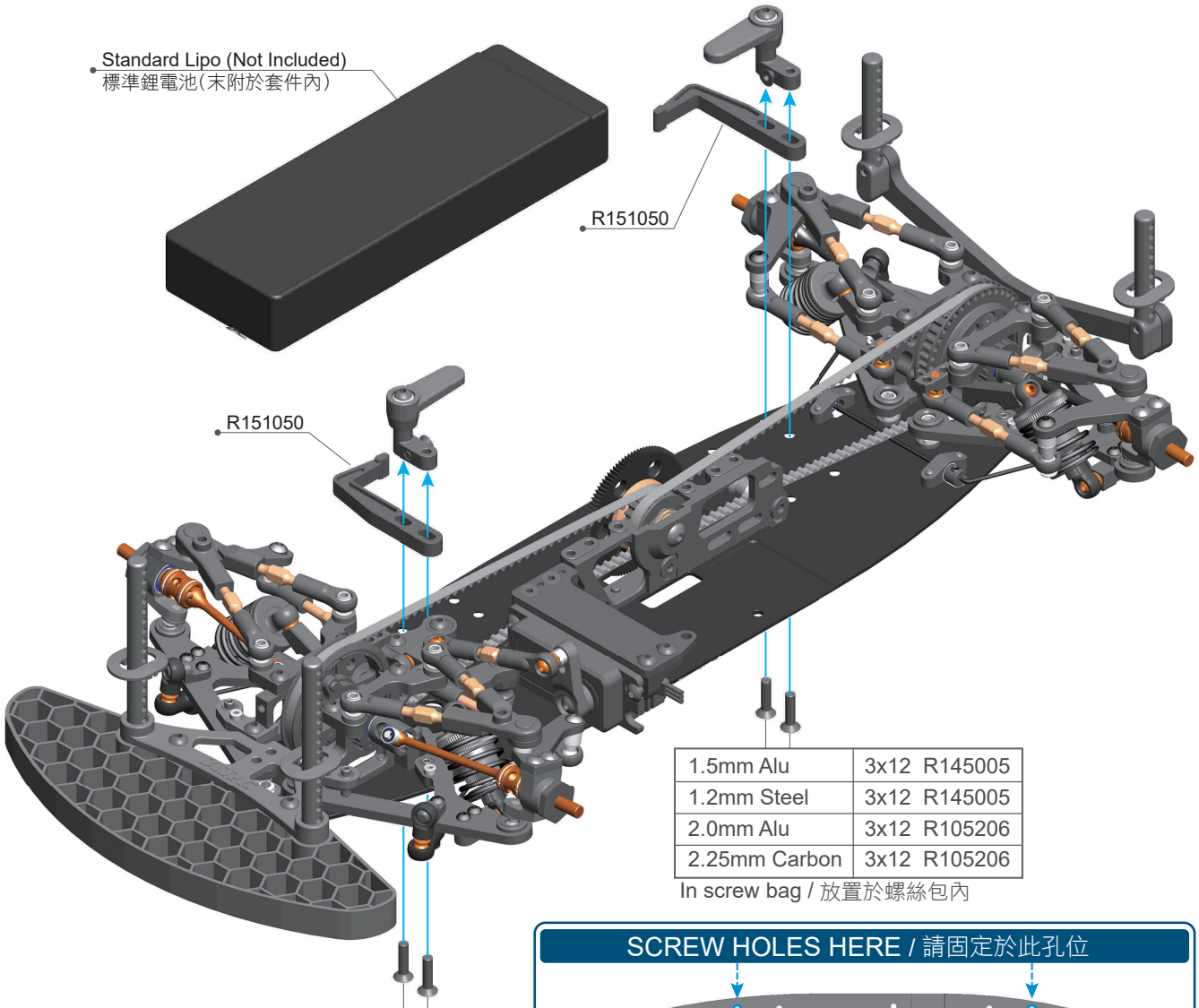
R145005
3x12mm Thin Flat Screw (5)

1:1 Scale





STANDARD LIPO BATTERY HOLDER / 標準鋰電池架



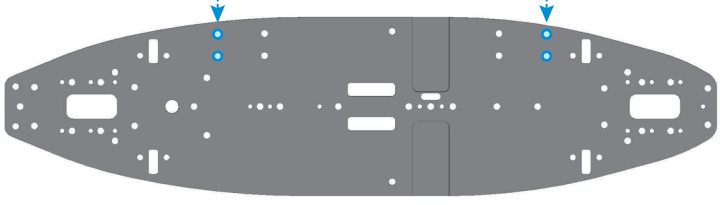
1.5mm Alu	3x12 R145005
1.2mm Steel	3x12 R145005
2.0mm Alu	3x12 R105206
2.25mm Carbon	3x12 R105206

In screw bag / 放置於螺絲包內

1.5mm Alu	3x12 R145005
1.2mm Steel	3x12 R145005
2.0mm Alu	3x12 R105206
2.25mm Carbon	3x12 R105206

In screw bag / 放置於螺絲包內

SCREW HOLES HERE / 請固定於此孔位



R104008	O'ring 3x2(Hard)(4pcs)
R105105	3x8 Round Screw (10)
R105204	3x8mm Flat Screw (10)
R145005	3x12mm Thin Flat Screw (5)
R151050	Battery Mount
R151091	Battery Clip (2)

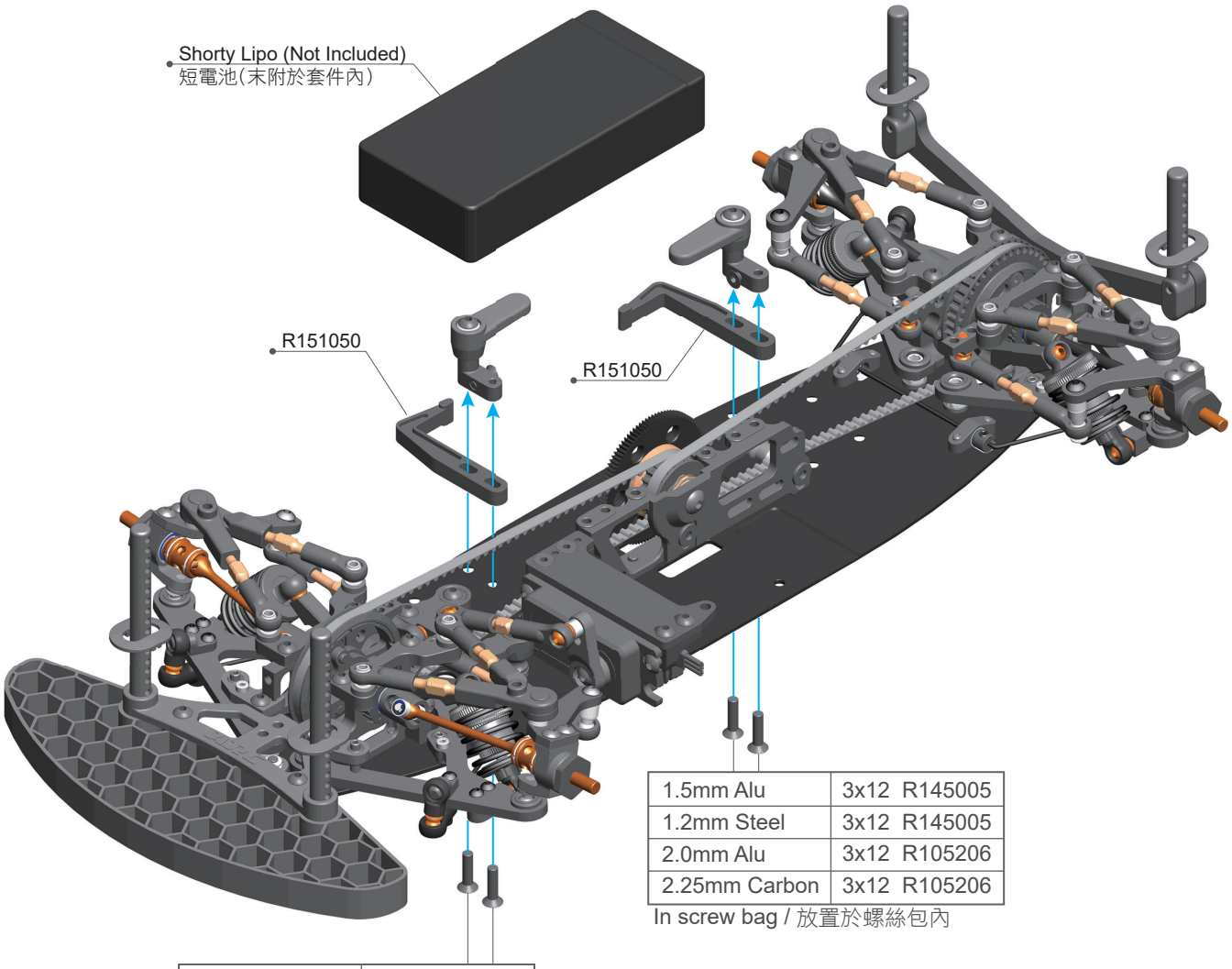
R145005
3x12mm Thin Flat Screw (5)

1:1 Scale

SHORTY LIPO BATTERY HOLDER / 短電池架

We recommend using the shorty LiPo only for:
Modified racing on carpet, or Very small asphalt tracks.
This layout provides more rotation but is less stable for most outdoor conditions.

我們建議僅在以下情況下使用短款鋰電池：
在地毯上進行改裝賽車，或非常小的瀝青賽道。
這種佈局可以提供更大的旋轉角度，但在大多數戶外條件下穩定性較差。



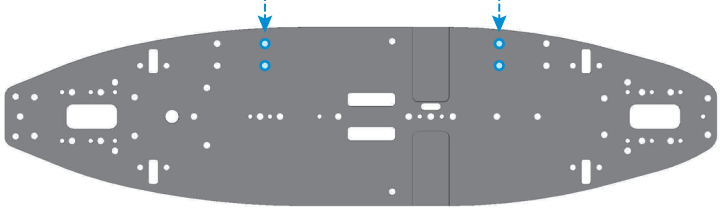
1.5mm Alu	3x12 R145005
1.2mm Steel	3x12 R145005
2.0mm Alu	3x12 R105206
2.25mm Carbon	3x12 R105206

In screw bag / 放置於螺絲包內

1.5mm Alu	3x12 R145005
1.2mm Steel	3x12 R145005
2.0mm Alu	3x12 R105206
2.25mm Carbon	3x12 R105206

In screw bag / 放置於螺絲包內

SCREW HOLES HERE / 請固定於此孔位



R145005 3x12mm Thin Flat Screw (5)

R151050 Battery Mount

R105104
3x6 Round Screw (10)

R105401
3x3mm Set Screw (10)

1:1 Scale

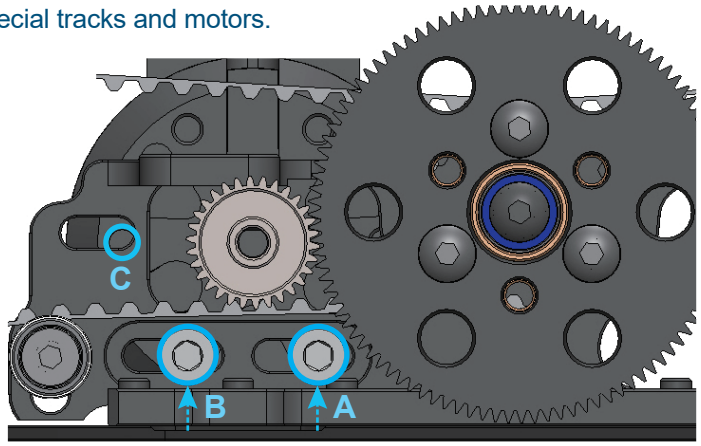
NOTICE

The A11 motor mount has three screws for securing and adjusting gear mesh. Screws A and B are typically used to secure the motor. If a 0.5mm increase in motor height is needed, screws A and C can be used, but the usable gear range is smaller when using A and C.

PS: Increasing the motor height prevents the rear of the motor from contacting the ground, suitable for special tracks and motors.

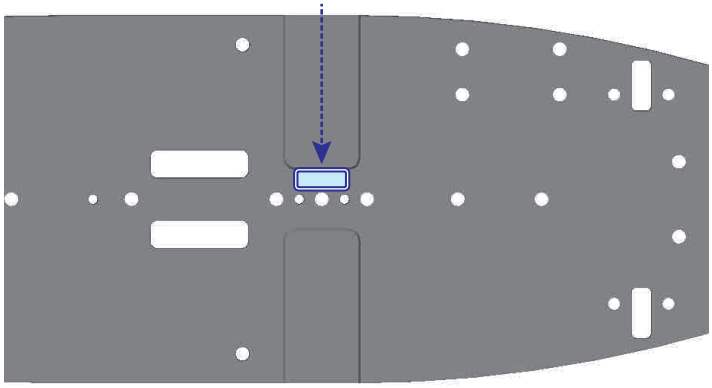
A11馬達座共有三顆鏍絲可以用來固定並調整齒輪的間隙，在一般的情況下使用A，B 這二顆鏍絲來固定馬達，如果需要提高馬達高度0.5mm時可以使用A，C 這二顆，但使用A，C時可使用的齒數範圍比較小。

PS：提高馬達高度可防止馬達後方接觸地面，使用於特殊跑道及馬達。



NOTICE

Please lock the motor pinion here. 請由此處來鎖上馬達齒。



R105104 3x6 Round Screw (10)

R105401 3x3mm Set Screw (10)

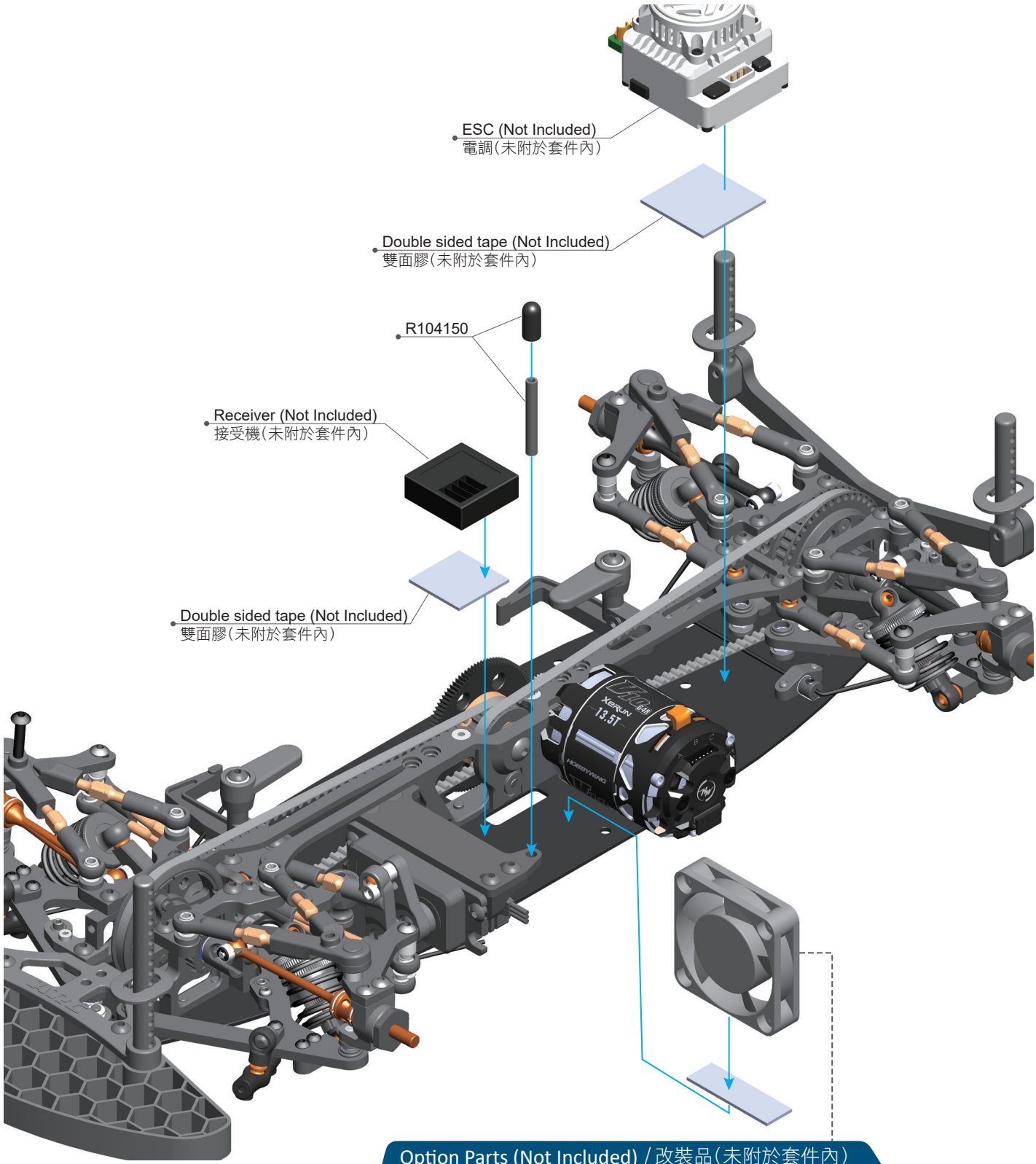
A11 Internal Ratio 40T/21T = 1.904

A11 Ratio Chart / 齒比表

Modified Small Track / 無限改裝組-小場地

Modified Big Track / 無限改裝組-大場地

SPUR / PINION	74	76	78	80	82	83	84	86	88	90	92	94	96	98	100	102	104
22																	
23																	8.61
24																	8.25
25																7.77	7.92
26																7.47	7.62
27															7.05	7.19	7.33
28														6.66	6.80	6.94	7.07
29														6.43	6.57	6.70	6.83
30													6.09	6.22	6.35	6.47	6.60
31													5.90	6.02	6.14	6.26	6.39
32												5.59	5.71	5.83	5.95	6.07	6.19
33												5.42	5.54	5.65	5.77	5.89	6.00
34											5.15	5.26	5.38	5.49	5.60	5.71	5.82
35											5.00	5.11	5.22	5.33	5.44	5.55	5.66
36										4.76	4.87	4.97	5.08	5.18	5.29	5.39	5.50
37										4.63	4.73	4.84	4.94	5.04	5.15	5.25	5.35
38									4.41	4.51	4.61	4.71	4.81	4.91	5.01	5.11	5.21
39									4.30	4.39	4.49	4.59	4.69	4.78	4.88	4.98	5.08
40								4.09	4.19	4.28	4.38	4.47	4.57	4.66	4.76	4.86	4.95
41								3.99	4.09	4.18	4.27	4.37	4.46	4.55	4.64	4.74	4.83
42							3.81	3.90	3.99	4.08	4.17	4.26	4.35	4.44	4.53	4.62	4.71
43							3.72	3.81	3.90	3.99	4.07	4.16	4.25	4.34	4.43	4.52	4.61
44						3.59	3.63	3.72	3.81	3.89	3.98	4.07	4.15	4.24	4.33	4.41	4.50
45						3.51	3.55	3.64	3.72	3.81	3.89	3.98	4.06	4.15	4.23	4.32	
46					3.39	3.44	3.48	3.56	3.64	3.73	3.81	3.89	3.97	4.06	4.14	4.22	
47					3.32	3.36	3.40	3.48	3.56	3.65	3.73	3.81	3.89	3.97	4.05		
48				3.17	3.25	3.29	3.33	3.41	3.49	3.57	3.65	3.73	3.81	3.89			
49				3.11	3.19	3.23	3.26	3.34	3.42	3.50	3.57	3.65	3.73	3.81			
50			2.97	3.05	3.12	3.16	3.20	3.27	3.35	3.43	3.50	3.58	3.66				
51			2.91	2.99	3.06	3.10	3.14	3.21	3.29	3.36	3.43	3.51	3.58				
52		2.78	2.86	2.93	3.00	3.04	3.08	3.15	3.22	3.30	3.37	3.44					
53		2.73	2.80	2.87	2.95	2.98	3.02	3.09	3.16	3.23	3.31	3.38					
54	2.61	2.68	2.75	2.82	2.89	2.93	2.96	3.03	3.10	3.17	3.24						
55	2.56	2.63	2.70	2.77	2.84	2.87	2.91	2.98	3.05	3.12	3.18						
56	2.52	2.58	2.65	2.72	2.79	2.82	2.86	2.92	2.99	3.06							
57	2.47	2.54	2.61	2.67	2.74	2.77	2.81	2.87	2.94	3.01							
58	2.43	2.49	2.56	2.63	2.69	2.72	2.76	2.82	2.89								
59	2.39	2.45	2.52	2.58	2.65	2.68	2.71	2.78	2.84								
60	2.35	2.41	2.48	2.54	2.60	2.63	2.67	2.73									
61	2.31	2.37	2.43	2.50	2.56	2.59	2.62	2.68									
62	2.27	2.33	2.40	2.46	2.52	2.55	2.58										



Option Parts (Not Included) / 改裝品(未附於套件內)

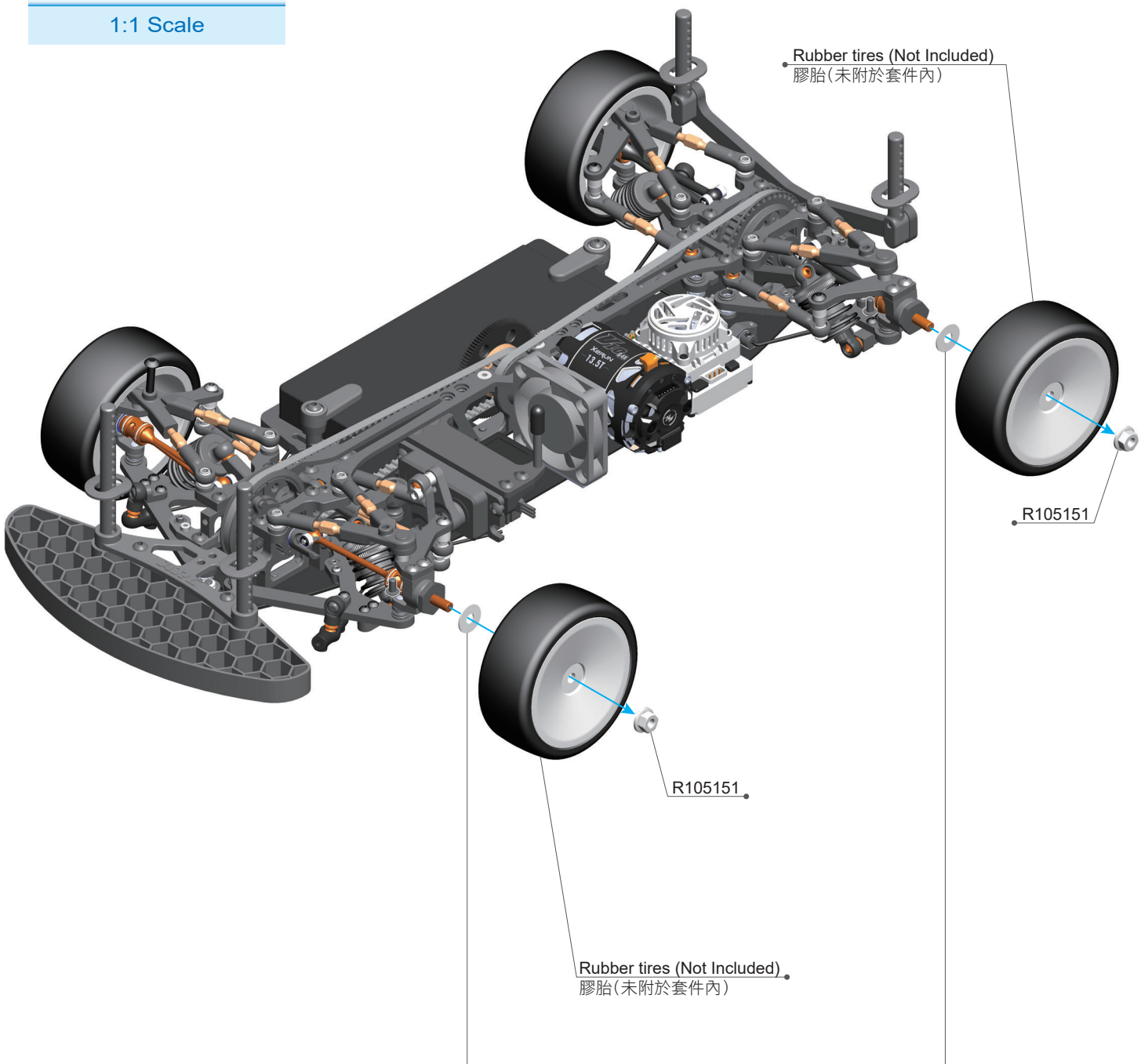
TiTAN 21002 H.V Motor cooling Fan / 強力風扇可以用來冷卻馬達

R104150 Antenna (1set)



R105151
4mm Nylon Nut (4)

1:1 Scale



Option Parts (Not Included) / 改裝品(未附於套件中)

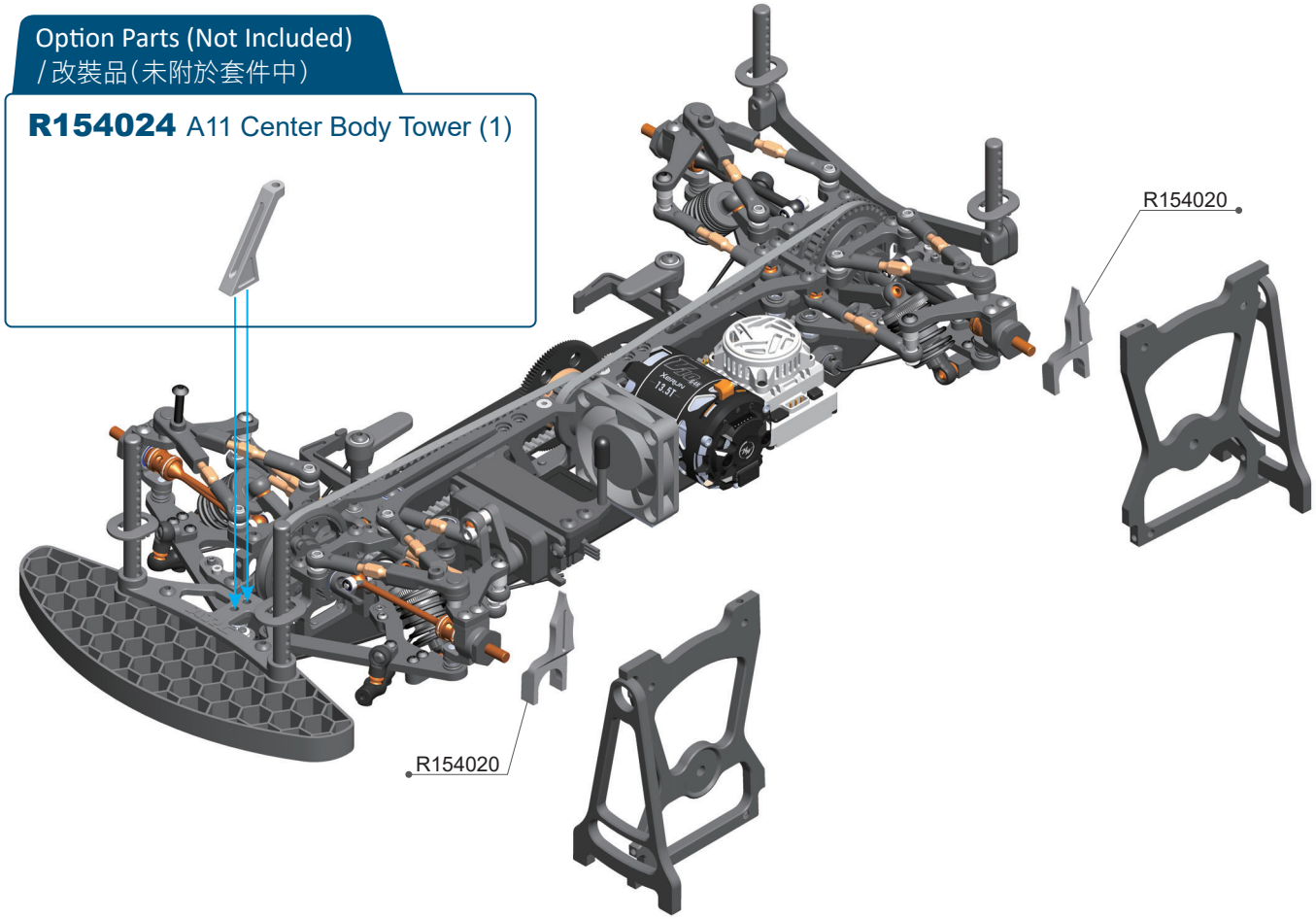
R103028 4x11x0.25mm Shims (8)
R103029 4x11x0.5mm Shims (8)

The track width can be increased by adding R103028 (0.25mm) and R103029 (0.5mm).
車寬可以使用R103028 0.25mm與R103029 0.5mm墊片來增加車寬。

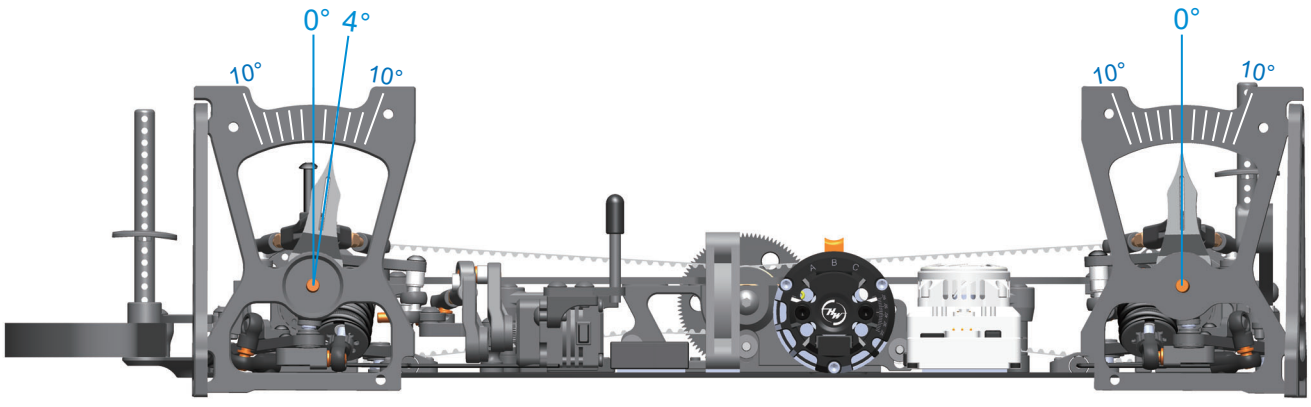
R105151 4mm Nylon Nut (4)

Option Parts (Not Included)
/ 改裝品(未附於套件中)

R154024 A11 Center Body Tower (1)



NOTICE



To adjust the caster and camber angle, please adjust 2 linkages on the upper arm.
當調整後傾角外傾角時，請同時調整上拉桿的長度來完成。

R154020 A11 Caster Gauge (2)

NOTICE

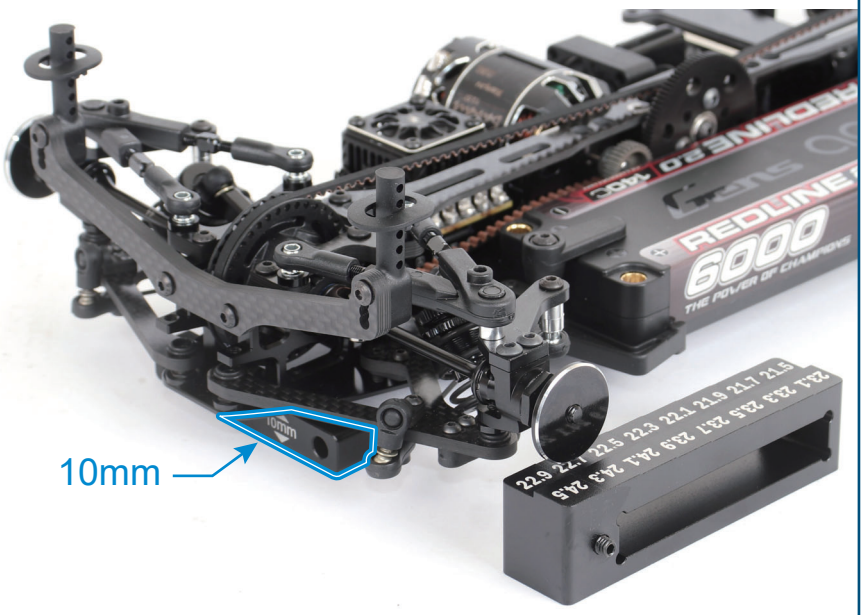
The A11 can setup the down-stop like A10 and now we put the new feature of the up-stop setup section.
The up-stop can reduce the chassis rolling through limited the lower arm up travel distance.
The front up-stop plate is included in the kit, if user want to setup the rear up-stop, it's need to buy R158024 and 131015 and assemble in the rear bulkhead.
In most case the up-stop is free make the lower arms have maxima up travel to get maxima grip, lower the front up-stop number will increase the steering response but remove the middle and exit steering, when traction is higher can try lower the up- stop number, when the traction is low free the up-stop is recommended.

A11可以像A10一樣設定下行程量，現在A11車上我們新增上抬量限制設定功能。
設定上抬量是以透過限制下擺臂的上行程來減少底盤側傾。
套件中包含前上抬量設定裝置 。如果使用者需要設定後上抬量，則需要另外購買 R158024 和 131015 並將其安裝在後側板上。
大多數情況下，上抬量不做限制，如此可以使下擺臂擁有最大的上行程以獲得最大的抓地力。降低前上抬量的數值可提高轉向反應，但會降低中末期的轉向。當抓地力較高時，可以嘗試降低前上抬量的數值；當抓地力較低時，建議不做上抬量限制。

To setup the down-stop
下行程量設定

Please put the 10mm block under the chassis and using TITAN #30122 Droop Gauge to measure the wheel axle height.

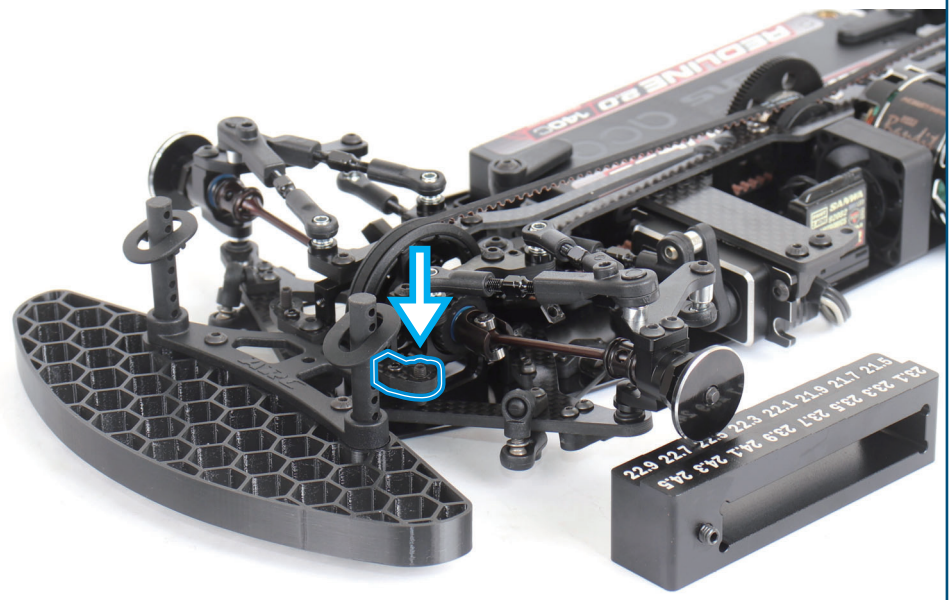
請將 10mm的墊高塊放在底盤下方，並使用 TITAN #30122 來設定車輪軸高度。



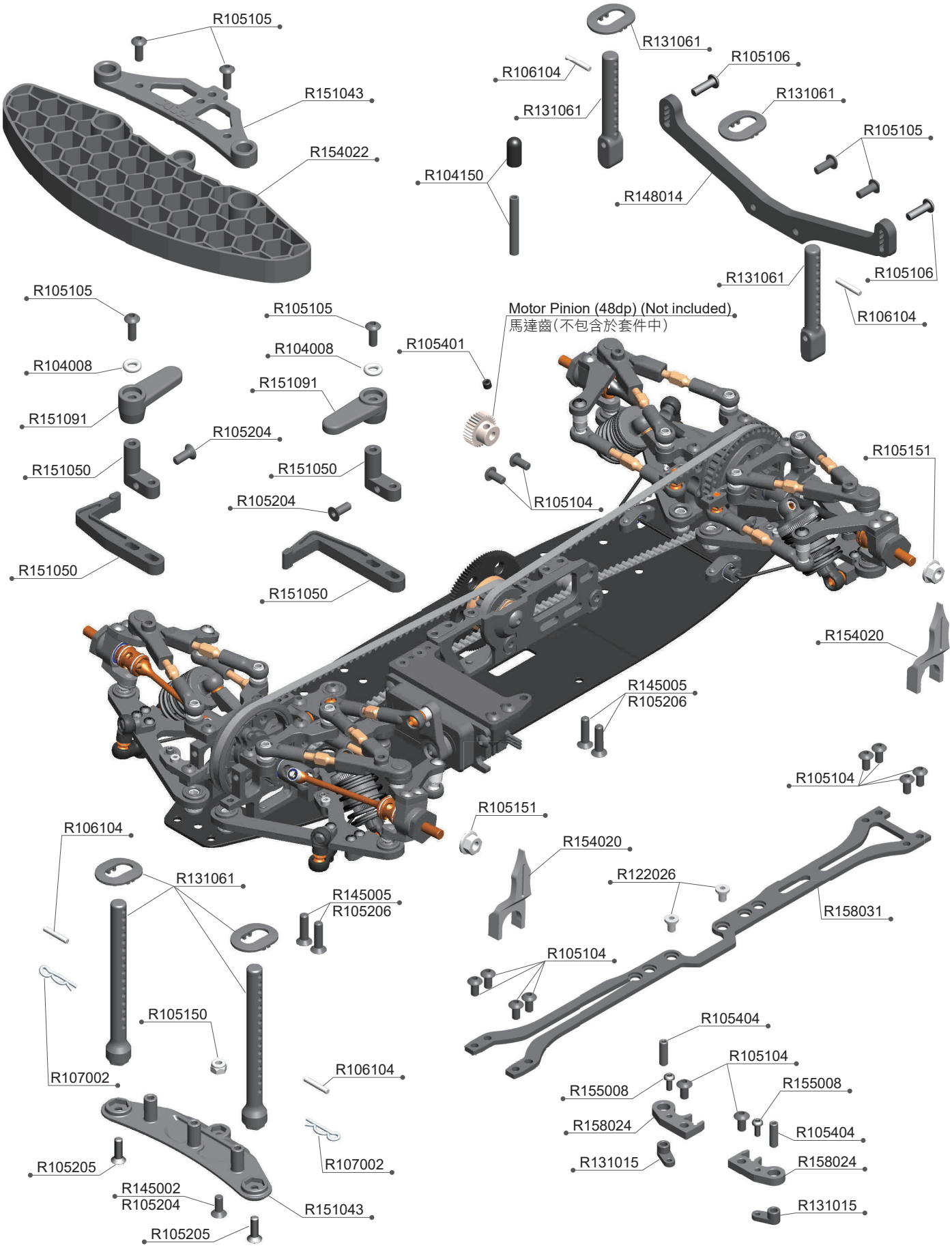
To setup the up-stop
上抬量限制設定

#Plase remove shock first
Put the chassis on the setup board, rise the arm till touch the up-stop plate and setup the axle height.

#請先將避震器拆除
請將底盤放在設定板上，並抬起擺臂直到碰到上抬量限制鏍絲，然後設定輪軸高度。



A11 BAG 06 PARTS EXPLODED VIEW



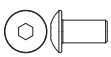
A11 BAG 06 PARTS LIST

R104008	O'ring 3x2(Hard)(4pcs)
R104150	Antenna (1set)
R105104	3x6 Round Screw (10)
R105105	3x8 Round Screw (10)
R105106	3x10 Round Screw (10)
R105150	3mm Nylon Nut (10)
R105151	4mm Nylon Nut (4)
R105204	3x8mm Flat Screw (10)
R105205	3x10mm Flat Screw (10)
R105401	3x3mm Set Screw (10)
R105404	3x10mm Set Screw (10)
R106104	2x11.8mm Pin (10pcs)
R107002	R-Clip(8pcs)
R122026	R12 Upper Deck Screw-Titanium (3)
R131015	Front Low Arm Parts (3)
R131061	Body Tower Set-Hard
R145002	3x8mm Thin Flat Screw (10)
R145005	3x12mm Thin Flat Screw (5)
R148014	A10-25 Rear Body Tower
R151043	R11 Bumper Set
R151050	Battery Mount
R151091	Battery Clip (2)
R154020	A11 Caster Gauge (2)
R154022	R11 3D Bumper
R155008	2x5 Round Screw (10)
R158024	Up Stop Plate (2)
R158031	A11 One-Piece Upper Deck 2.0mm

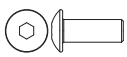
1:1 SCALE



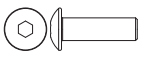
R155008
2x5 Round Screw (10)



R105104
3x6 Round Screw (10)



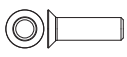
R105105
3x8 Round Screw (10)



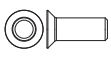
R105106
3x10 Round Screw (10)



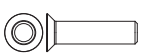
R105204
3x8mm Flat Screw (10)



R105205
3x10mm Flat Screw (10)



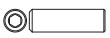
R145002
3x8mm Thin Flat Screw (10)



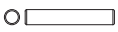
R145005
3x12mm Thin Flat Screw (5)



R105401
3x3mm Set Screw (10)



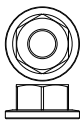
R105404
3x10mm Set Screw (10)



R106104
Ø2x11.8 Pin (10)



R105150
3mm Nylon Nut (10)



R105151
4mm Nylon Nut (4)