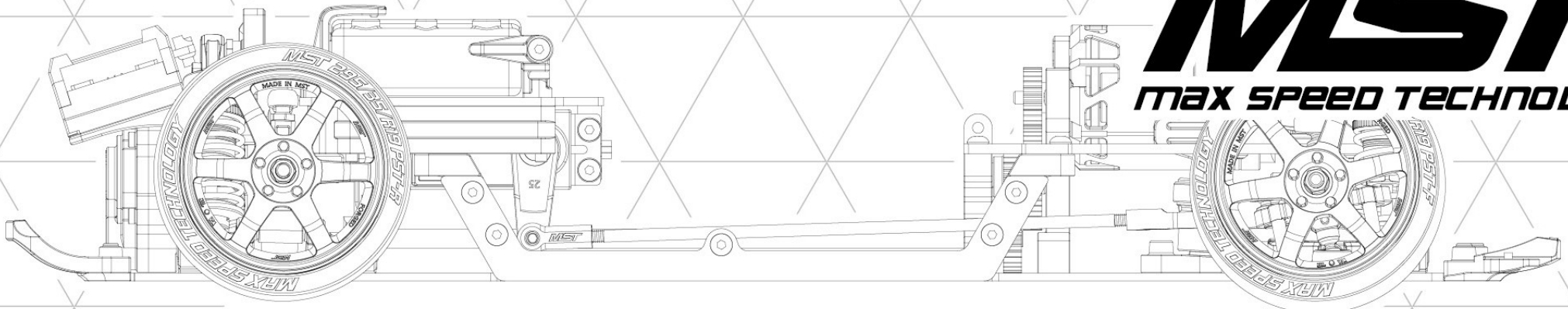


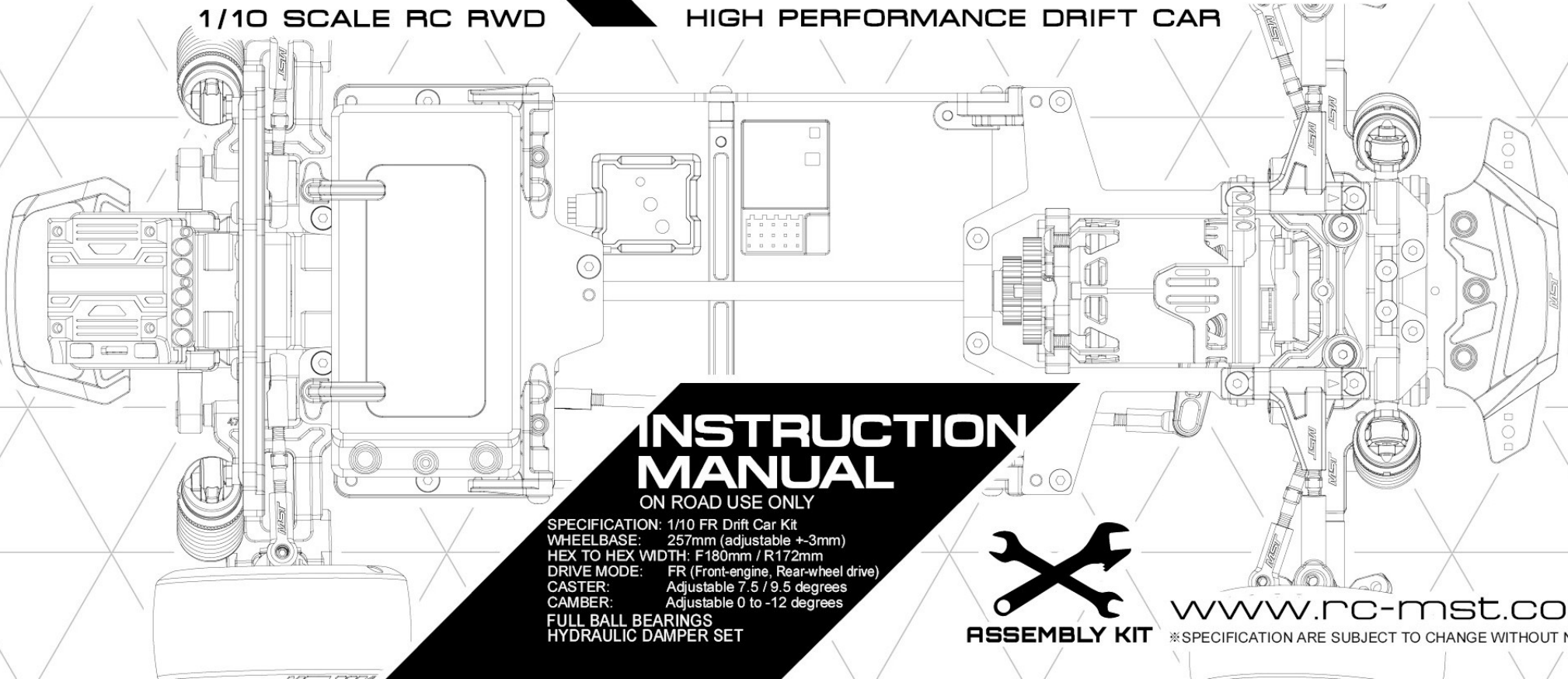
MST
MAX SPEED TECHNOLOGY



FRXS^{PRO}

1/10 SCALE RC RWD

HIGH PERFORMANCE DRIFT CAR



INSTRUCTION MANUAL

ON ROAD USE ONLY

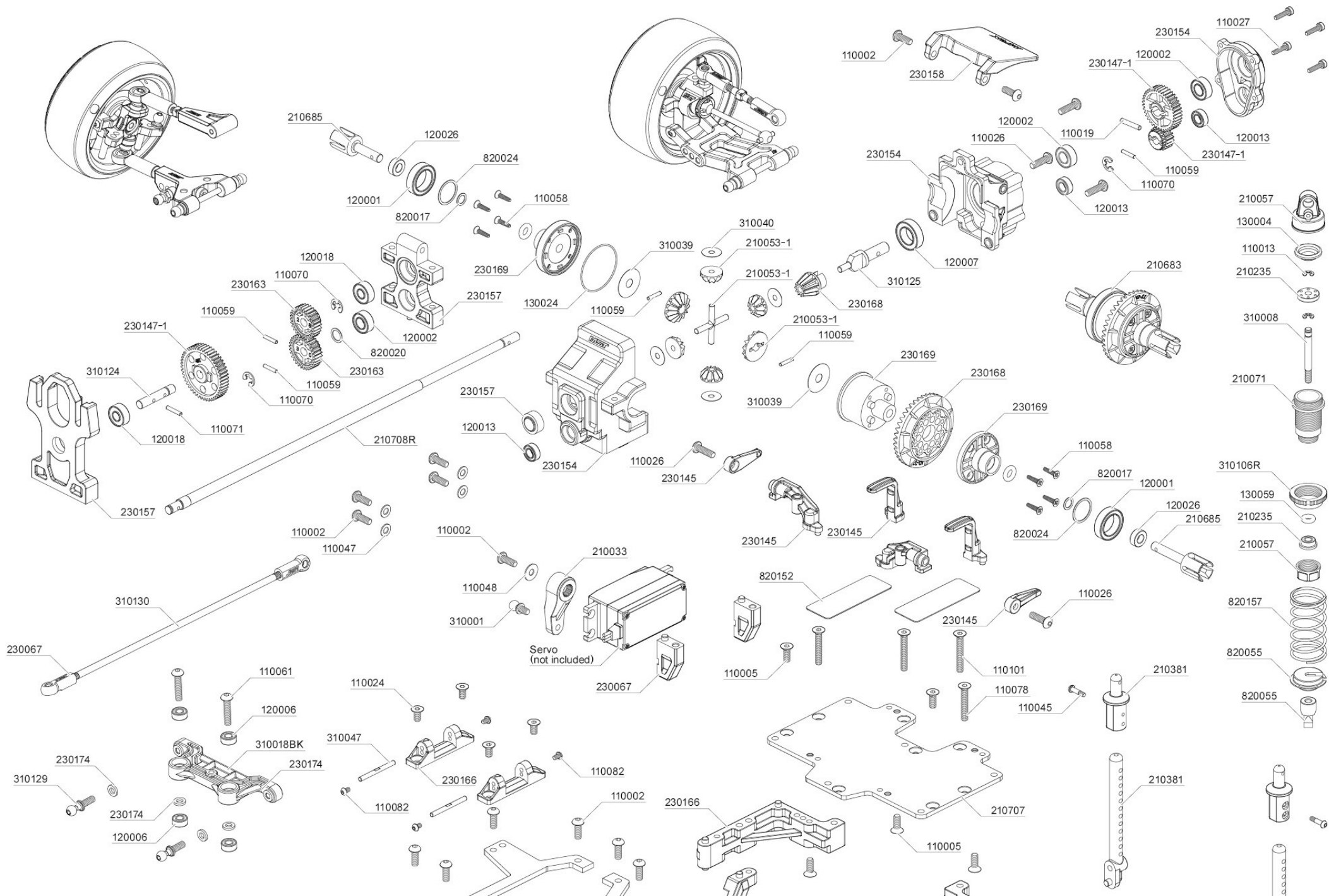
SPECIFICATION: 1/10 FR Drift Car Kit
WHEELBASE: 257mm (adjustable ± 3 mm)
HEX TO HEX WIDTH: F180mm / R172mm
DRIVE MODE: FR (Front-engine, Rear-wheel drive)
CASTER: Adjustable 7.5 / 9.5 degrees
CAMBER: Adjustable 0 to -12 degrees
FULL BALL BEARINGS
HYDRAULIC DAMPER SET

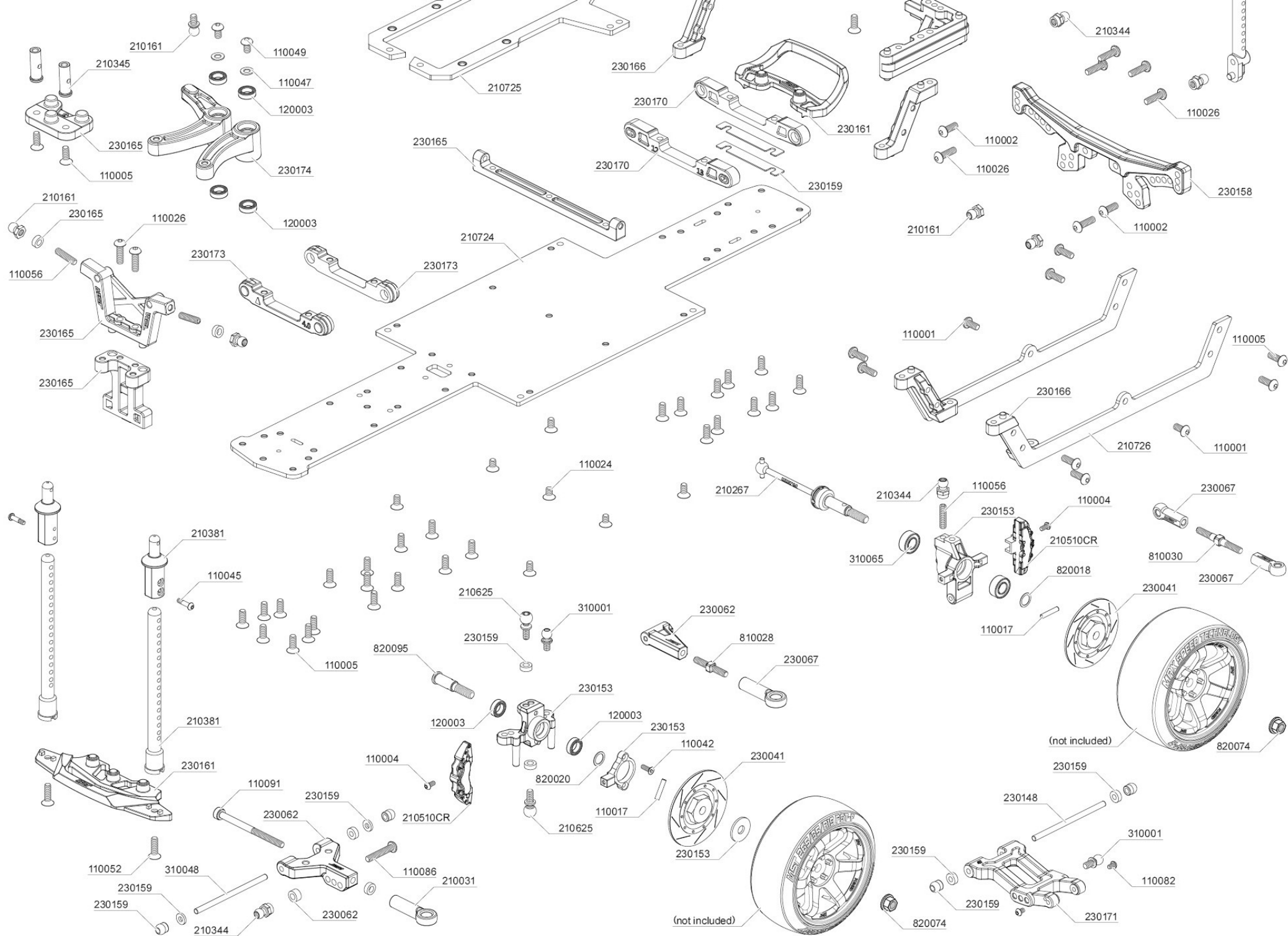


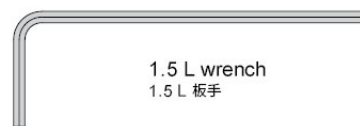
ASSEMBLY KIT

www.rc-mst.com

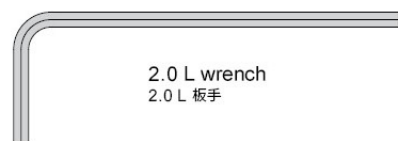
* SPECIFICATION ARE SUBJECT TO CHANGE WITHOUT NOTICE



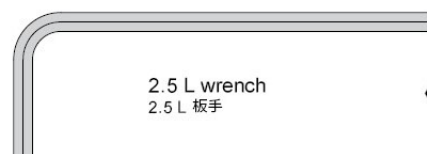




1.5 L wrench
1.5 L 板手



2.0 L wrench
2.0 L 板手



2.5 L wrench
2.5 L 板手



5.5 x 4.0 wrench
5.5 x 4.0 板手



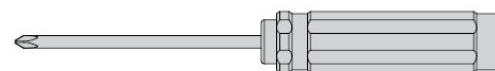
5.5 & 7.0 alum. wrench
5.5 & 7.0 套筒板手

Please follow the assembling figures and instructions closely
for your [FRX S PRO] best performance!
請依照說明書圖示步驟安裝以發揮 [FRX S PRO] 最好效能!

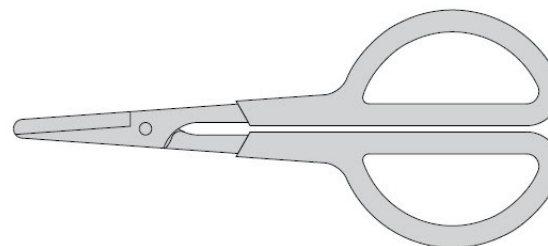
NECESSARY TOOLS FOR ASSEMBLY 工具需求 (NOT INCLUDED IN KIT) [另購]



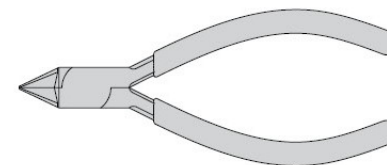
Hobby knife
美工刀



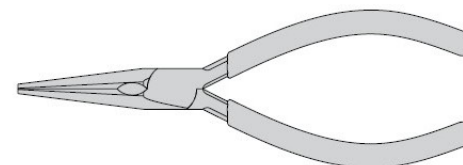
Screwdriver
螺絲起子



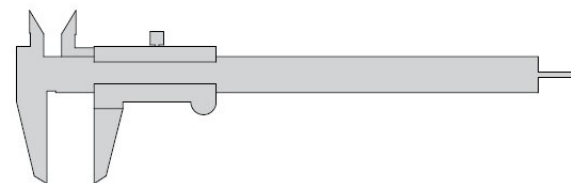
Scissors
剪刀



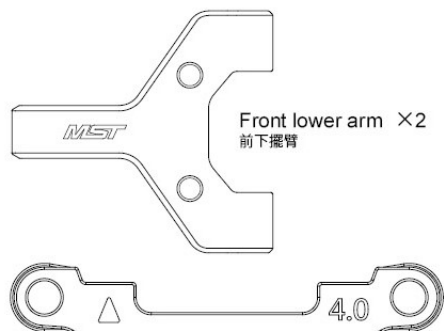
Side cutter
斜口鉗



Needle nose pliers
尖嘴鉗



Vernier caliper
游標卡尺



Front lower arm ×2
前下擺臂



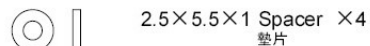
Suspension mount (+4.0) ×2
下擺臂座 (+4.0)



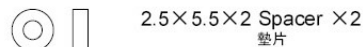
5.8×26 Adjuster ×2
拉桿頭



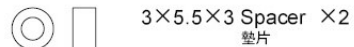
2.5×5 Suspension balls ×4
懸吊球頭



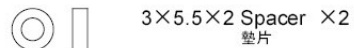
2.5×5.5×1 Spacer ×4
墊片



2.5×5.5×2 Spacer ×2
墊片



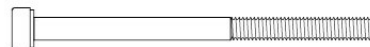
3×5.5×3 Spacer ×2
墊片



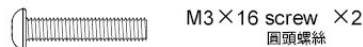
3×5.5×2 Spacer ×2
墊片



2.5×46 Arm shaft ×2
擺臂插銷



M3×40 screw ×2
有頭螺絲(半牙)



M3×16 screw ×2
圓頭螺絲



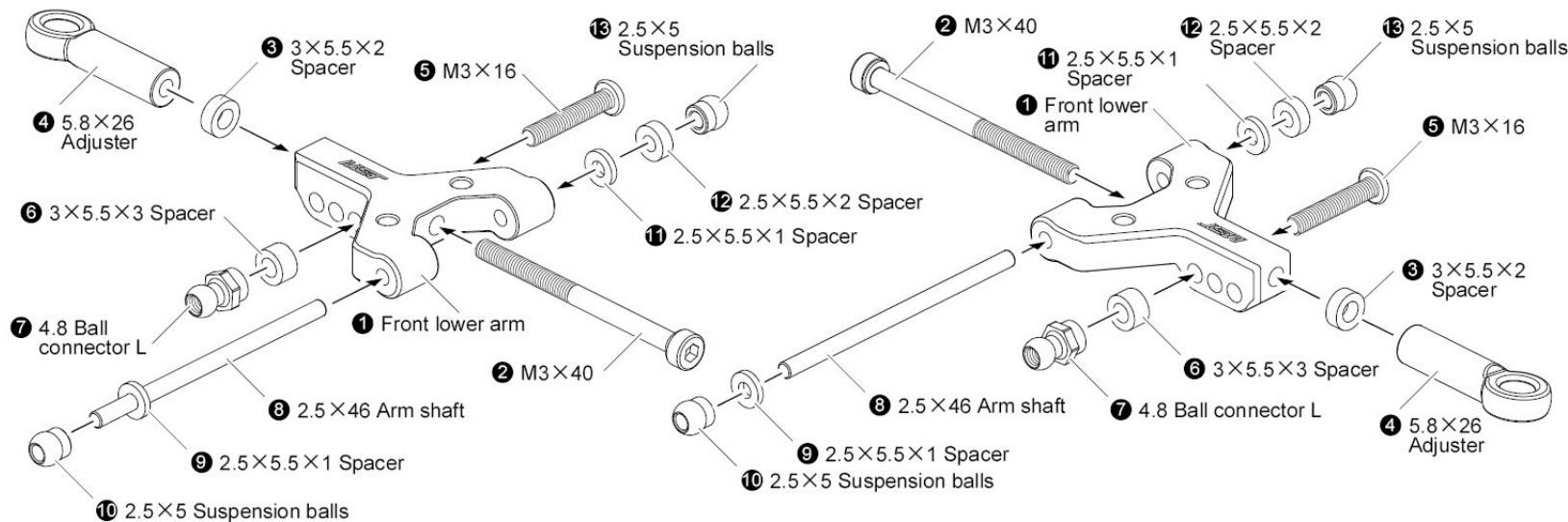
M3×8 screw ×4
沉頭螺絲



4.8 Ball connector L ×2
外六角球頭(長)

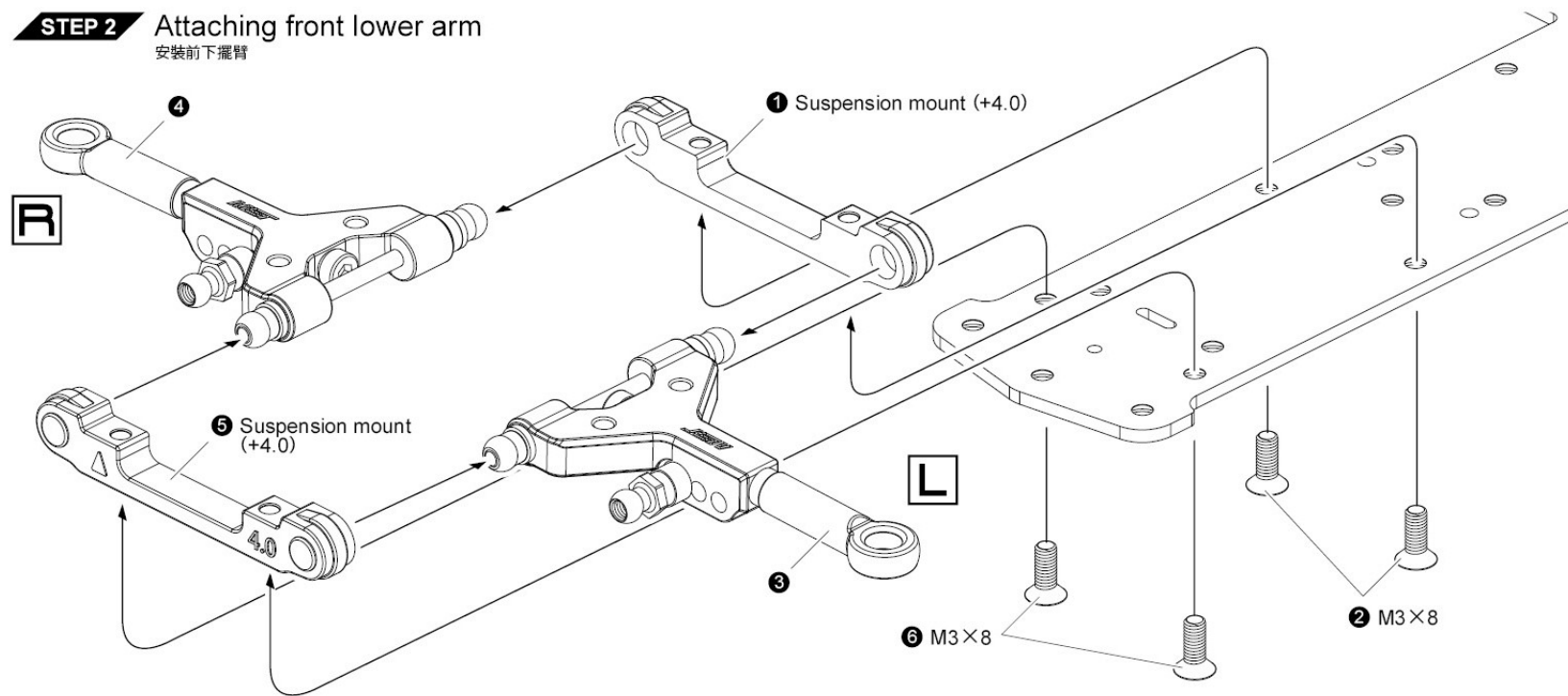
STEP 1 Front lower arm assembly

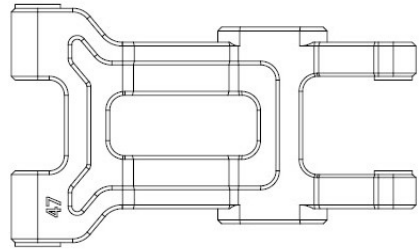
前下擺臂組裝



STEP 2 Attaching front lower arm

安裝前下擺臂





Rear lower arm ×2
後下擺臂



Suspension mount (+12 - +13) ×2
下擺臂座 (+12 - +13)



Suspension mount bush A ×4
下擺臂座襯套



Suspension mount spacer 0.5mm ×2
擺臂座墊片 0.5mm



2.5×46 Arm shaft ×2
擺臂插銷



2.5×5 Suspension balls ×4
懸吊球頭



2.5×5.5×1 Spacer ×4
墊片



2.5×5.5×2 Spacer ×2
墊片



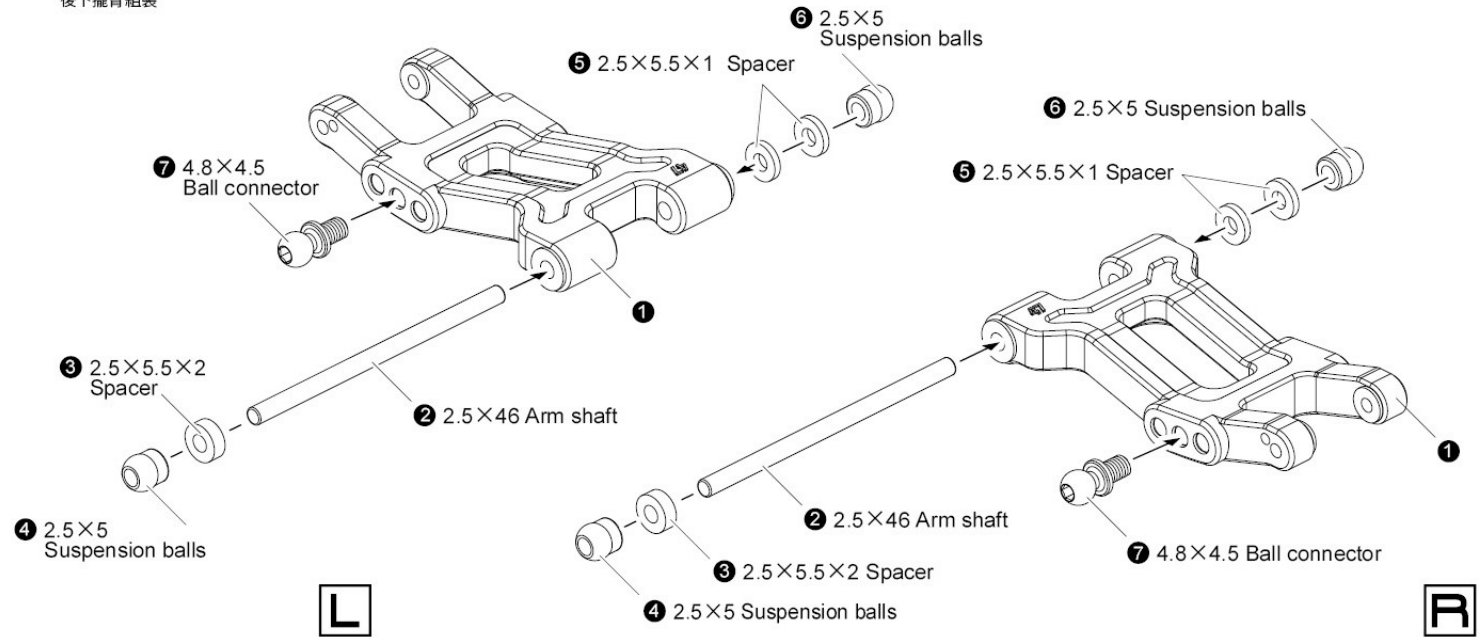
M3×8 screw ×4
沉頭螺絲



4.8×4.5 Ball connector ×2
球頭螺絲

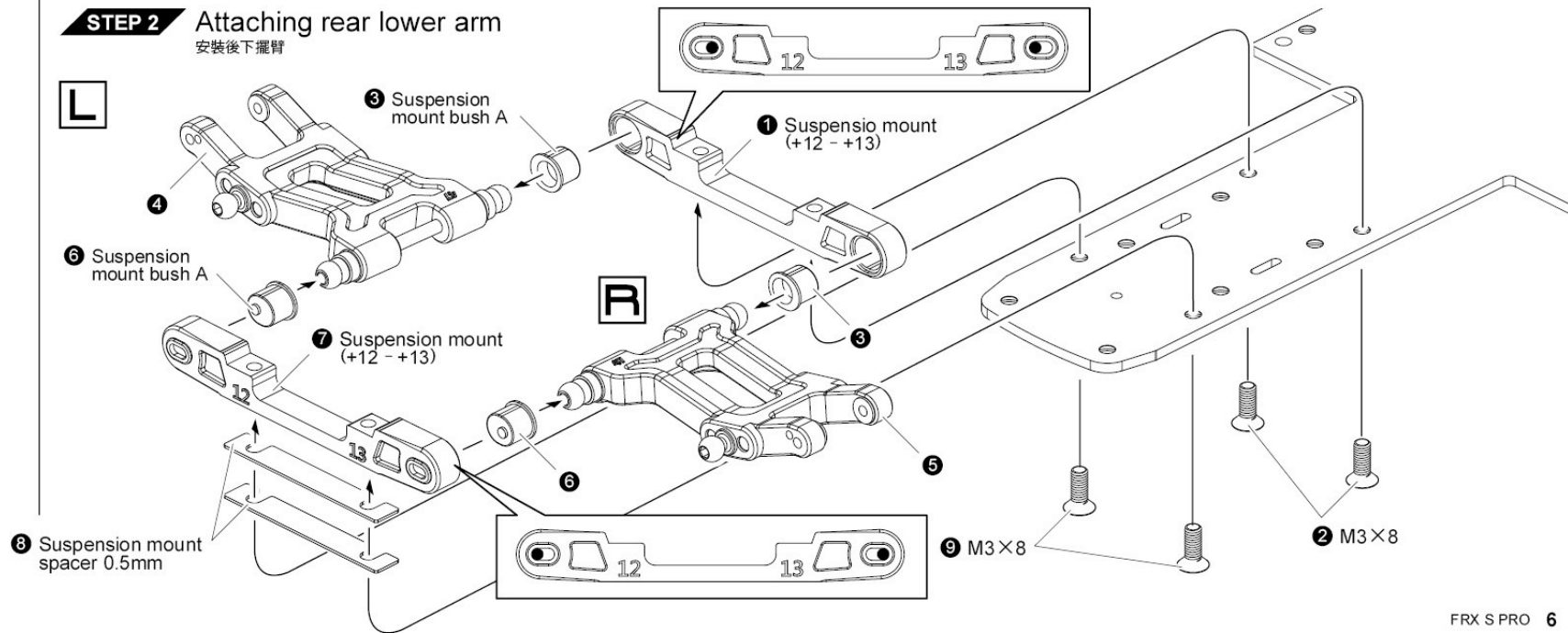
STEP 1 Rear lower arm assembly

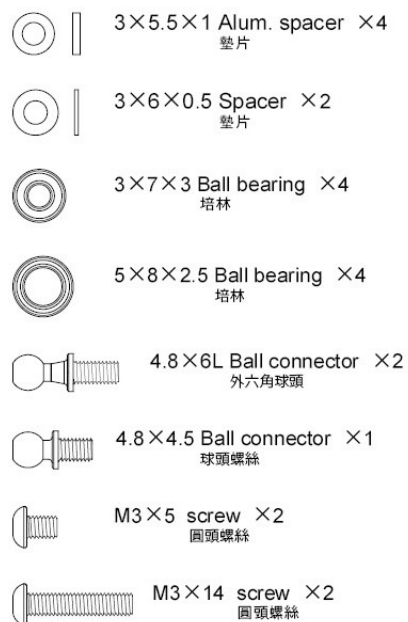
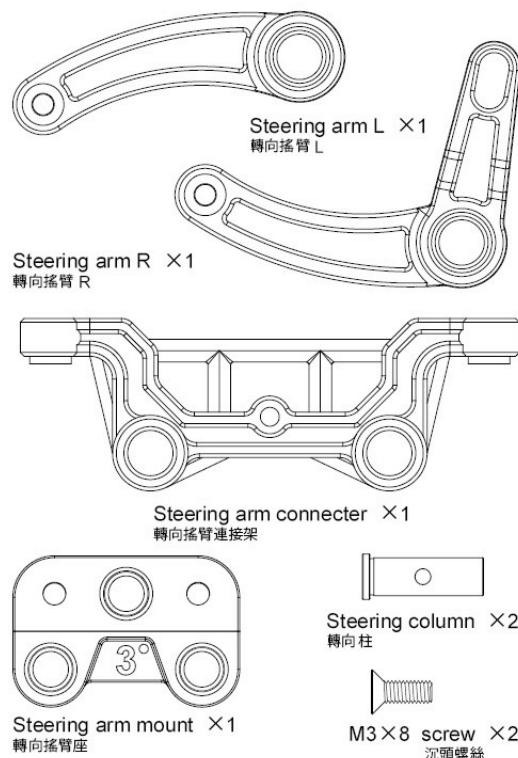
後下擺臂組裝



STEP 2 Attaching rear lower arm

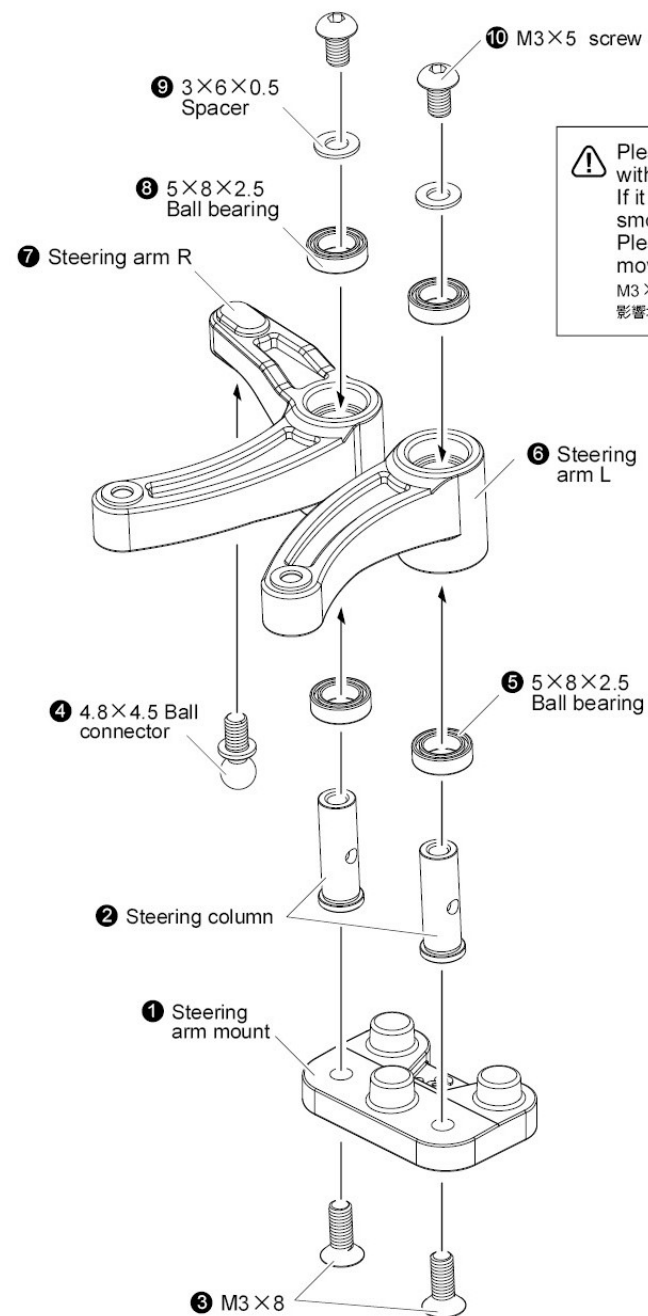
安裝後下擺臂





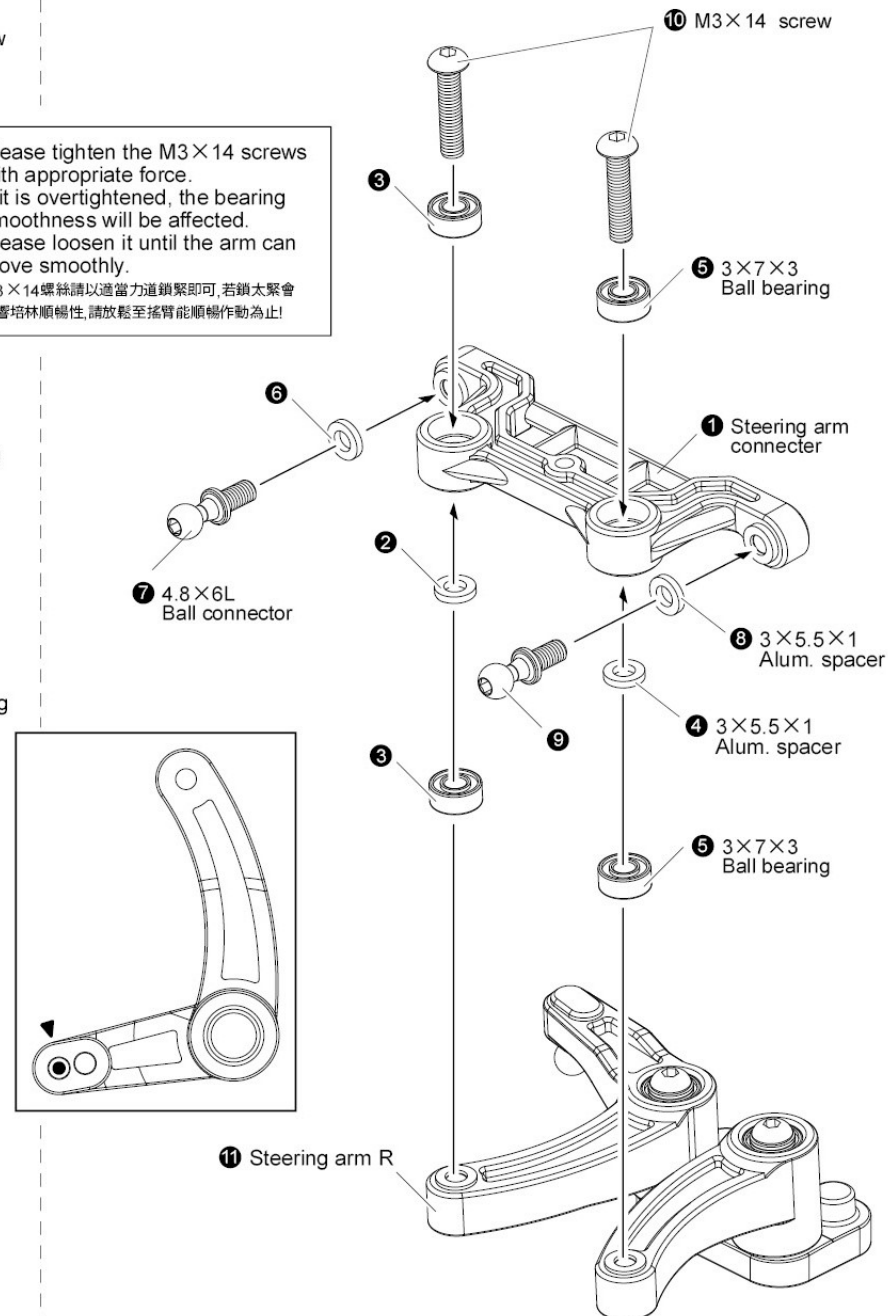
STEP 1 Steering arm assembly

轉向搖臂組裝



STEP 2

⚠ Please tighten the M3×14 screws with appropriate force. If it is overtightened, the bearing smoothness will be affected. Please loosen it until the arm can move smoothly.
M3×14螺絲請以適當力道鎖緊即可,若鎖太緊會影響培林順暢性,請放鬆至搖臂能順暢作動為止!

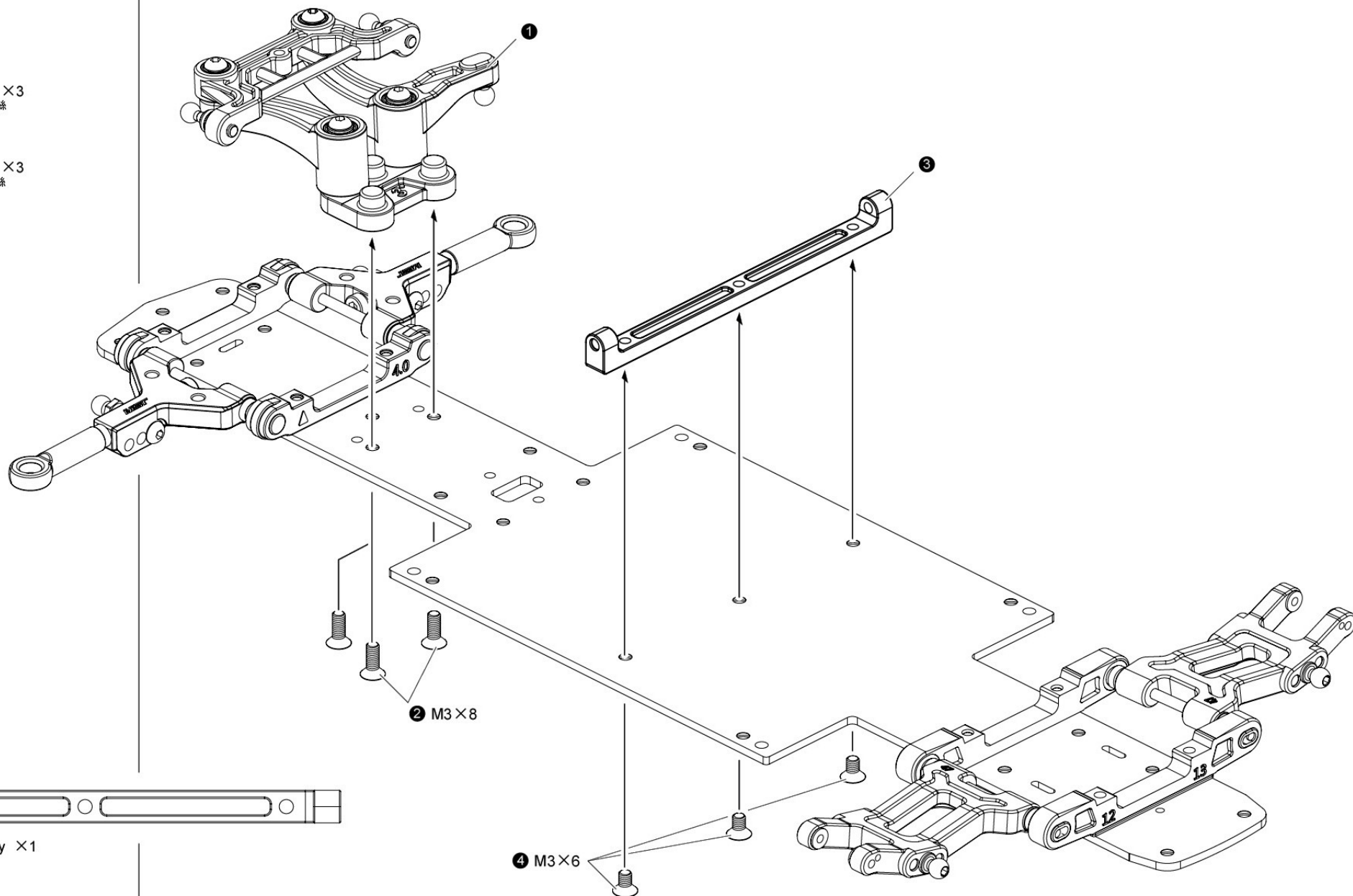




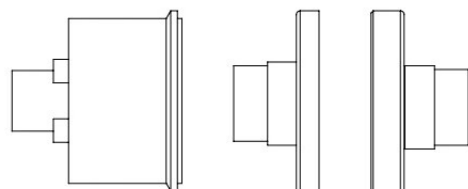
M3×6 screw ×3
沉頭螺絲



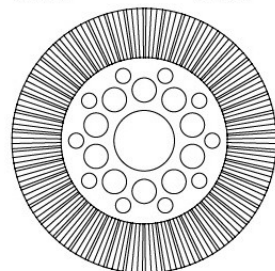
M3×8 screw ×3
沉頭螺絲



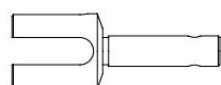
lower deck strengthen stay ×1
底盤補強架



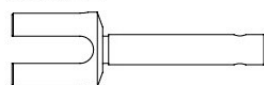
Diff. case ×1 傘差齒箱
Diff. mount ×1 傘差齒座
Diff. case cover ×1 傘差齒蓋



Bevel gear 42T ×1 大傘齒



Diff. joint (short) ×1 差速接杯 (短)



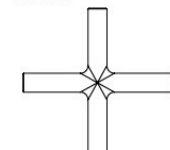
Diff. joint (long) ×1 差速接杯 (長)



Bevel gear 14T ×2 差速傘齒



Bevel gear 10T ×4 差速傘齒



Star Shaft ×1 十字軸



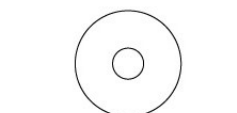
2×8 Tapping screw ×8 自攻螺絲



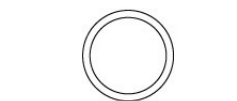
4×6×0.3 Spacer ×2 墊片



2.5×9×0.1 Spacer ×4 墊片



4×14×0.1 Spacer ×2 墊片



10×12×0.3 Spacer ×2 墊片



O-ring P4 ×2 O環



4×8×3 Bearing ×2 軸承

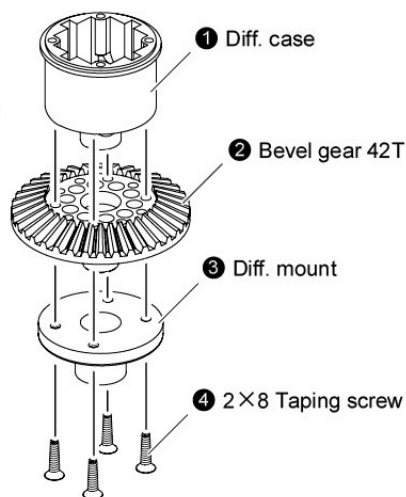


10×15×4 Bearing ×2 培林

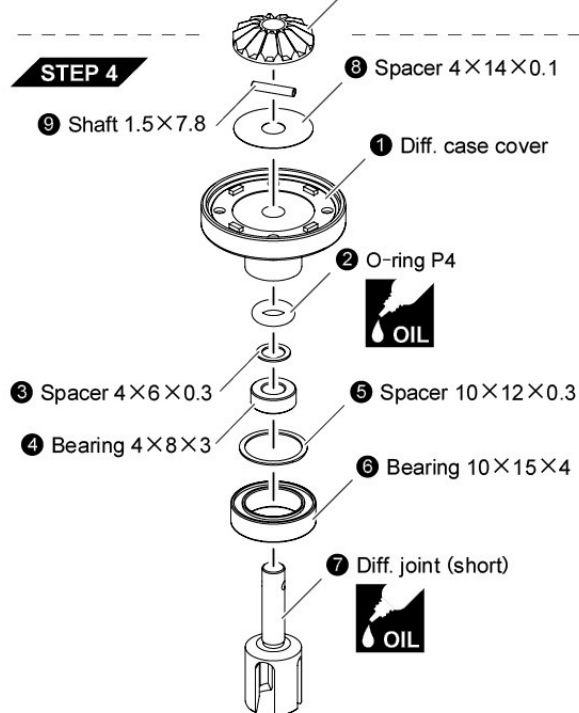


22×0.6 O-ring ×1 O環

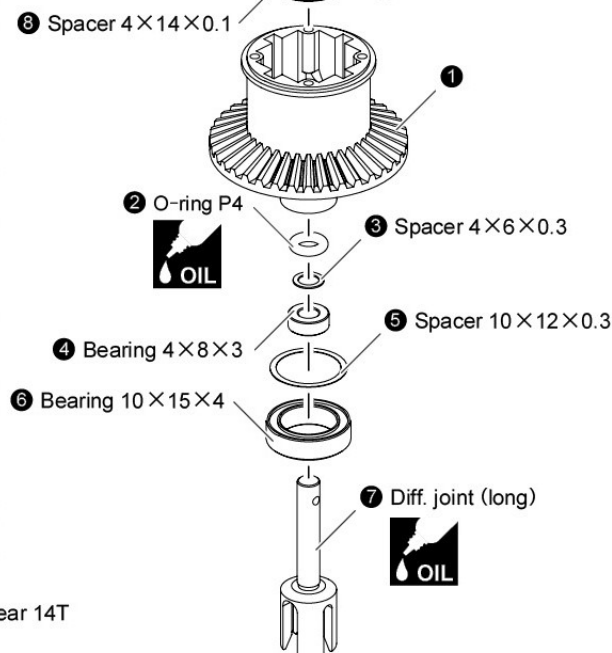
STEP 1



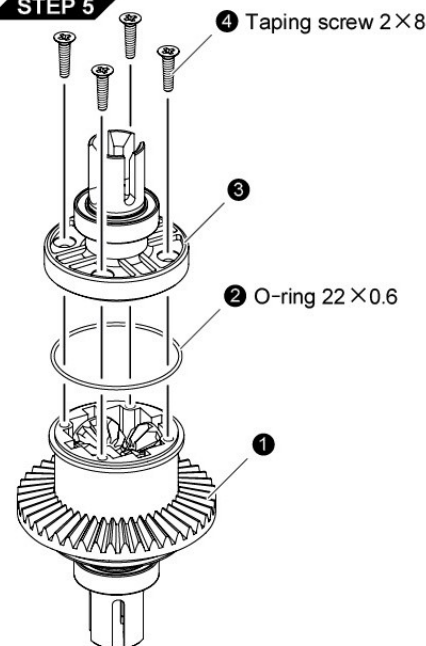
STEP 4



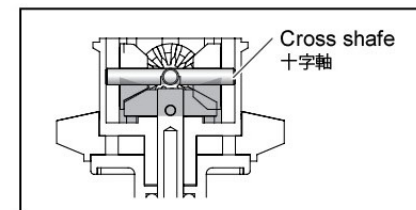
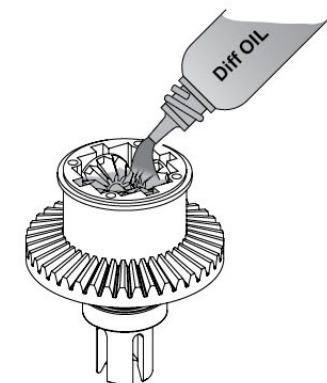
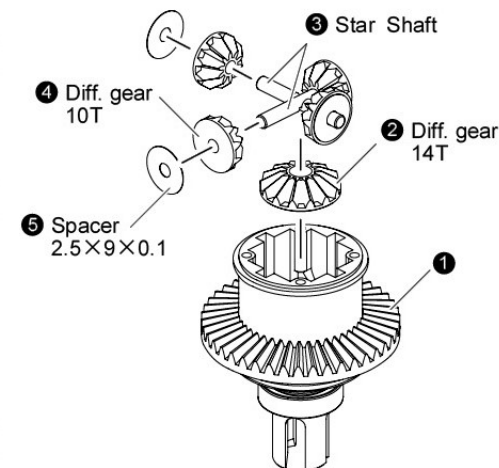
STEP 2



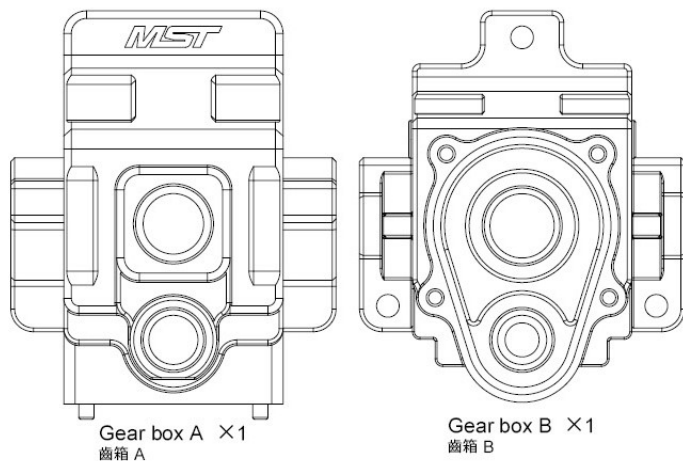
STEP 5



STEP 3



※ Do not exceed the position of the cross shaft when filling differential oil.
填入差速油勿超過十字軸。



1.5×7.8 Shaft ×2
插銷

1.6×9 Shaft ×1
插銷

M3×10 screw ×3
圓頭螺絲

5×7×0.3 Spacer ×1
墊片

4×8×3 Ball bearing ×2
培林

4×10×4 Ball bearing ×1
培林

5×10×4 Ball bearing ×2
培林

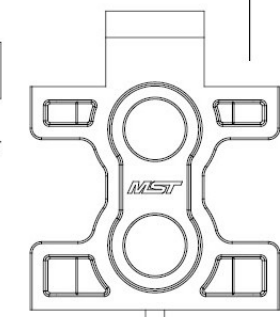
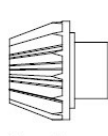
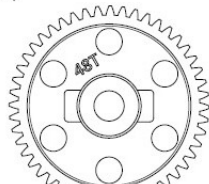
8×14×4 Ball bearing ×1
培林

Ball bearing hole cover ×1
培林孔蓋

Main shaft ×1
主齒軸

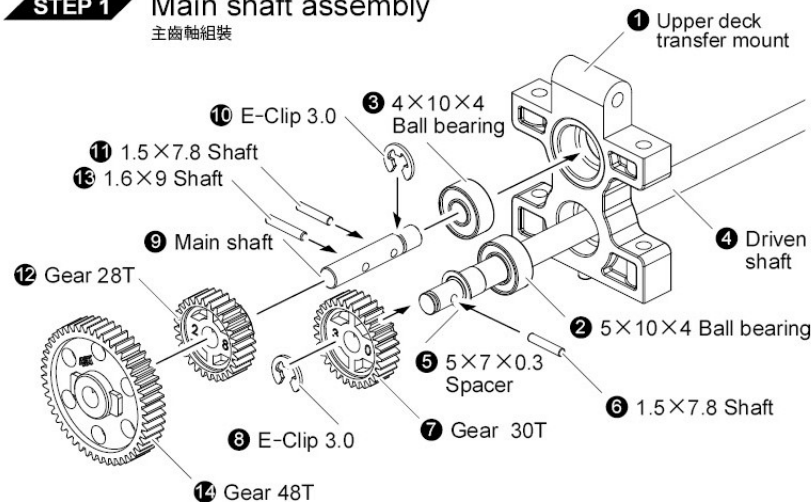
Bevel gear shaft ×1
傘齒軸

Driven shaft ×1
傳動軸



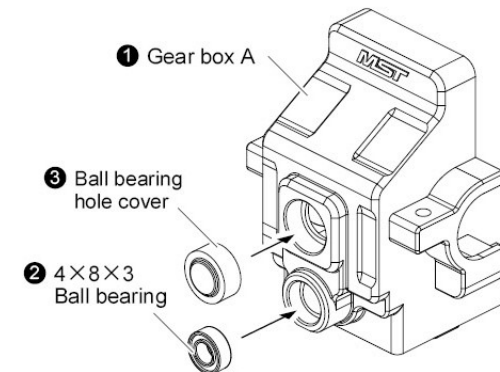
STEP 1 Main shaft assembly

主齒軸組裝



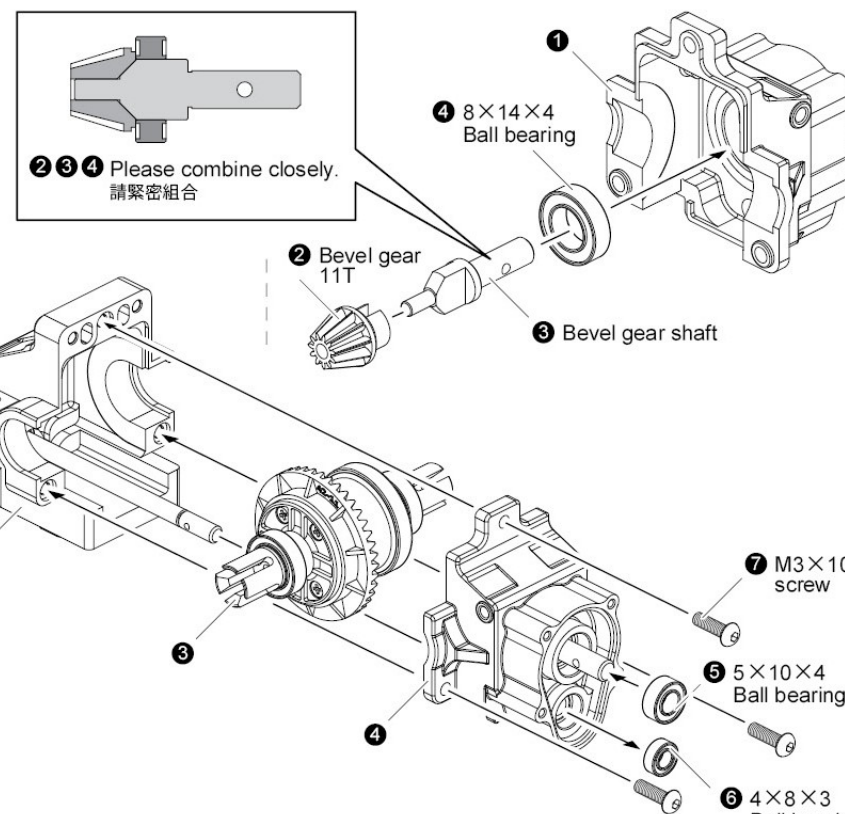
STEP 2 Main shaft assembly

主齒軸組裝



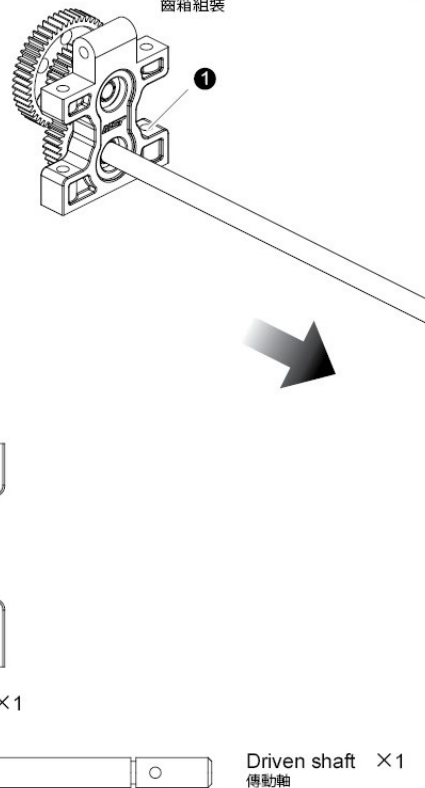
STEP 3 Bevel gear shaft assembly

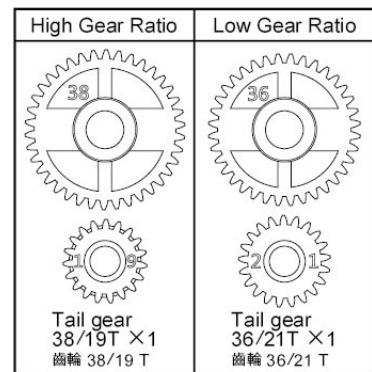
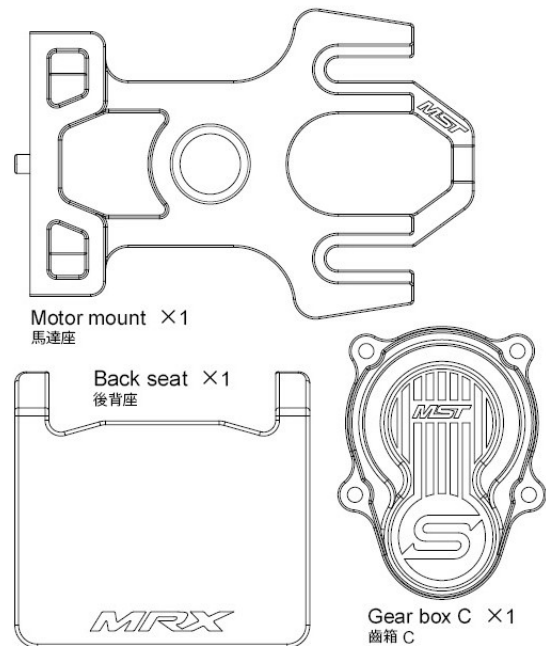
傘齒軸組裝



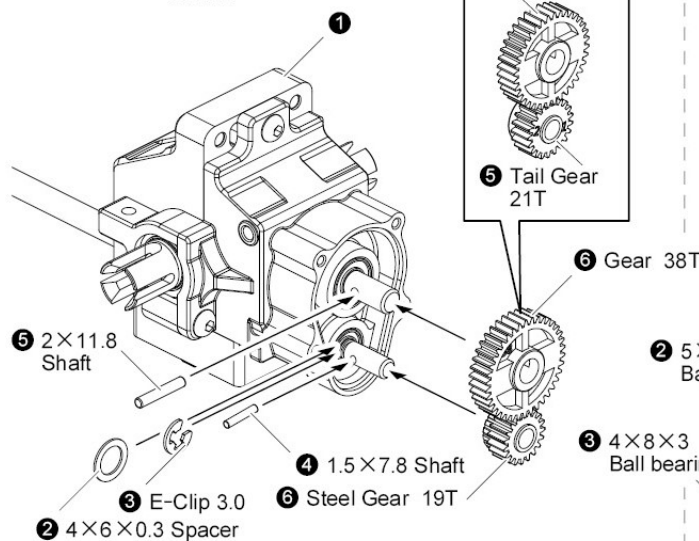
STEP 4 Gear box assembly

齒箱組裝



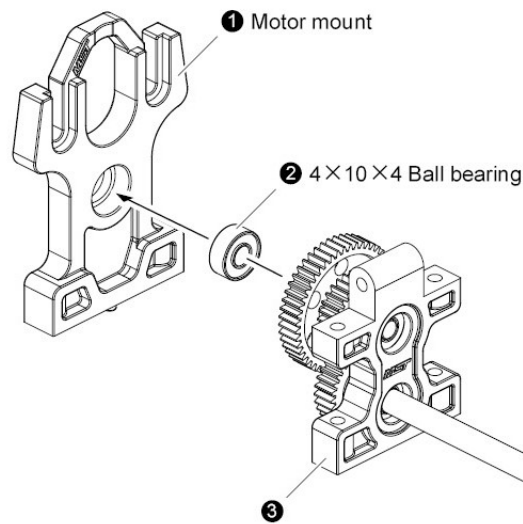


STEP 1 Tail gear assembly 尾齒組裝

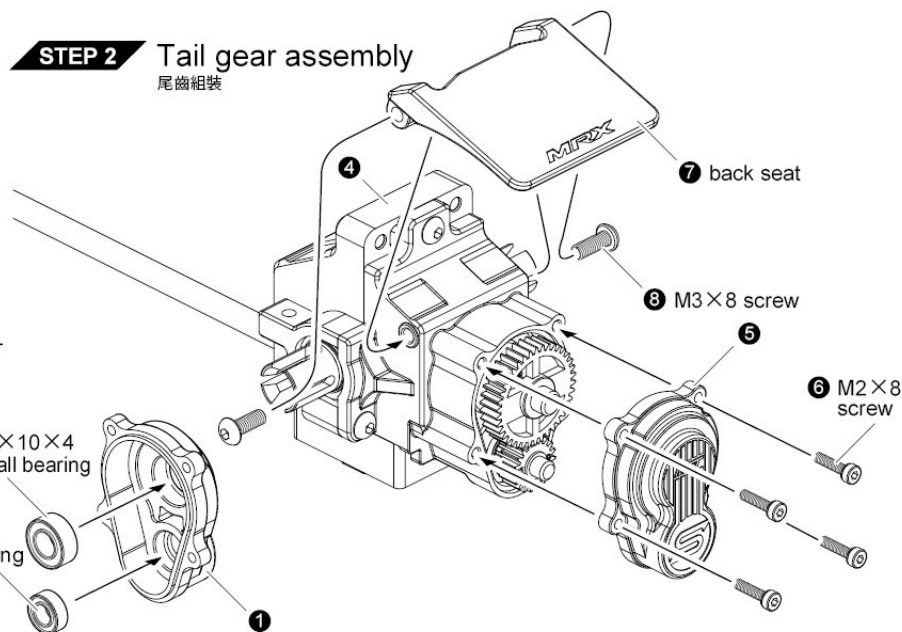


② The 4×6×0.3 spacer is used to adjust the axial clearance of the drive shaft.
(Not installing the spacer will not affect functionality or lifespan. Please assess whether installation is necessary.)
4×6×0.3墊片為調整傳動軸前後間隙用。(不安裝不會影響功能與壽命，可自行評估是否安裝)

STEP 3 Motor mount assembly 安裝馬達座



STEP 2 Tail gear assembly 尾齒組裝



MRX/FRX		Differential Gear 40/13 差速齒		Differential Gear 42/11 差速齒	
MOTOR HEIGHT 馬達高度	PINION GEAR 馬達齒	Tail Gear 36T/21T 尾齒	Tail Gear 38T/19T 尾齒	Tail Gear 36T/21T 尾齒	Tail Gear 38T/19T 尾齒
THIN SHORT BATTERY < 19mm 薄型短電池	18	15.03	17.58	18.64	21.8
	19	14.24	16.65	17.66	20.65
	20	13.53	15.82	16.77	19.62
	21	12.88	15.07	15.98	18.69
	22	12.3	14.38	15.25	17.84
	23	11.76	13.76	14.59	17.06
	24	11.27	13.18	13.98	16.35
	25	10.82	12.66	13.42	15.7
	26	10.4	12.17	12.9	15.09
	27	10.02	11.72	12.43	14.53
	28	9.66	11.3	11.98	14.01
	29	9.33	10.91	11.57	13.53
	30	9.02	10.55	11.18	13.08
	31	8.73	10.21	10.82	12.66
	32	8.45	9.89	10.48	12.26
	33	8.2	9.59	10.17	11.89
GENERAL SHORT BATTERY < 26mm 一般短電池	34	7.96	9.31	9.87	11.54
	35	7.73	9.04	9.59	11.21
	36	7.51	8.79	9.32	10.9
	37	7.31	8.55	9.07	10.61
	38	7.12	8.33	8.83	10.33

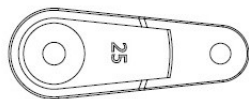
安裝齒箱組



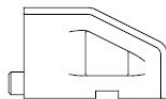
安裝馬達



※MRX/ FRX motor gear clearance adjustment tips.
MRX/ FRX 馬達齒間隙調整小技巧。



Long servo horn ×1
長伺服片



Servo mount ×2
伺服機座



M3×8 screw ×5



4.8 Adjuster M ×2
拉桿頭



M3×145 Turnbuckle ×1
拉桿



4.8×4.5 Ball connector ×1
球頭螺絲



3×8×0.5 Spacer ×1
墊片



3×6×0.5 Spacer ×4
墊片

STEP 1 Steering servo assembly

轉向伺服機組裝



⑧ 4.8×4.5 Ball connector

⑦ M3×8

⑥ 3×8×0.5 Spacer

⑤ Long servo horn

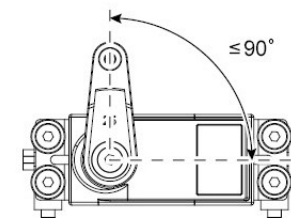
④ M3×8

③ 3×6×0.5 Spacer

② Servo mount

① Servo (not included)

※ Leave the M3×8 screws loose and tighten them after the next assembly step.
M3×8螺絲先不鎖緊，待下個步驟結合後再鎖緊。



※ Attaching the servo as shown.
伺服中立點設定

STEP 2 Servo saver turnbuckle assembly

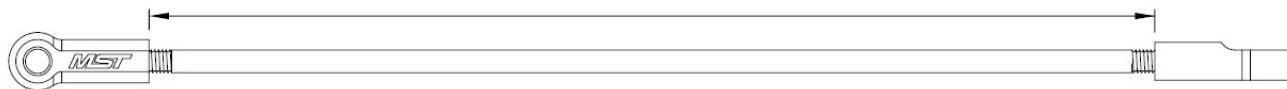
伺服拉桿組裝

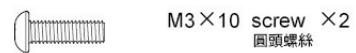
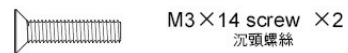
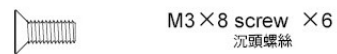
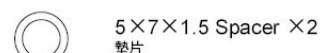
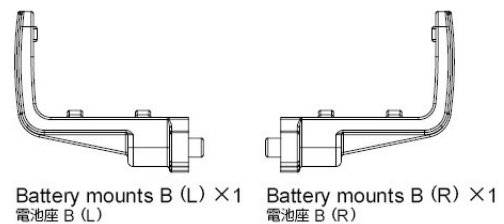
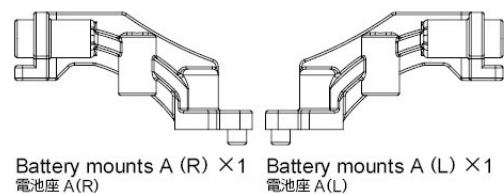
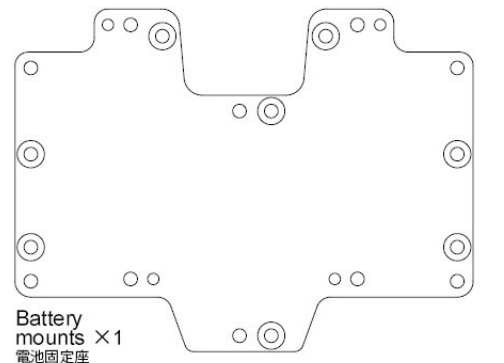
① 4.8 Adjuster

② M3×145 Turnbuckle

③

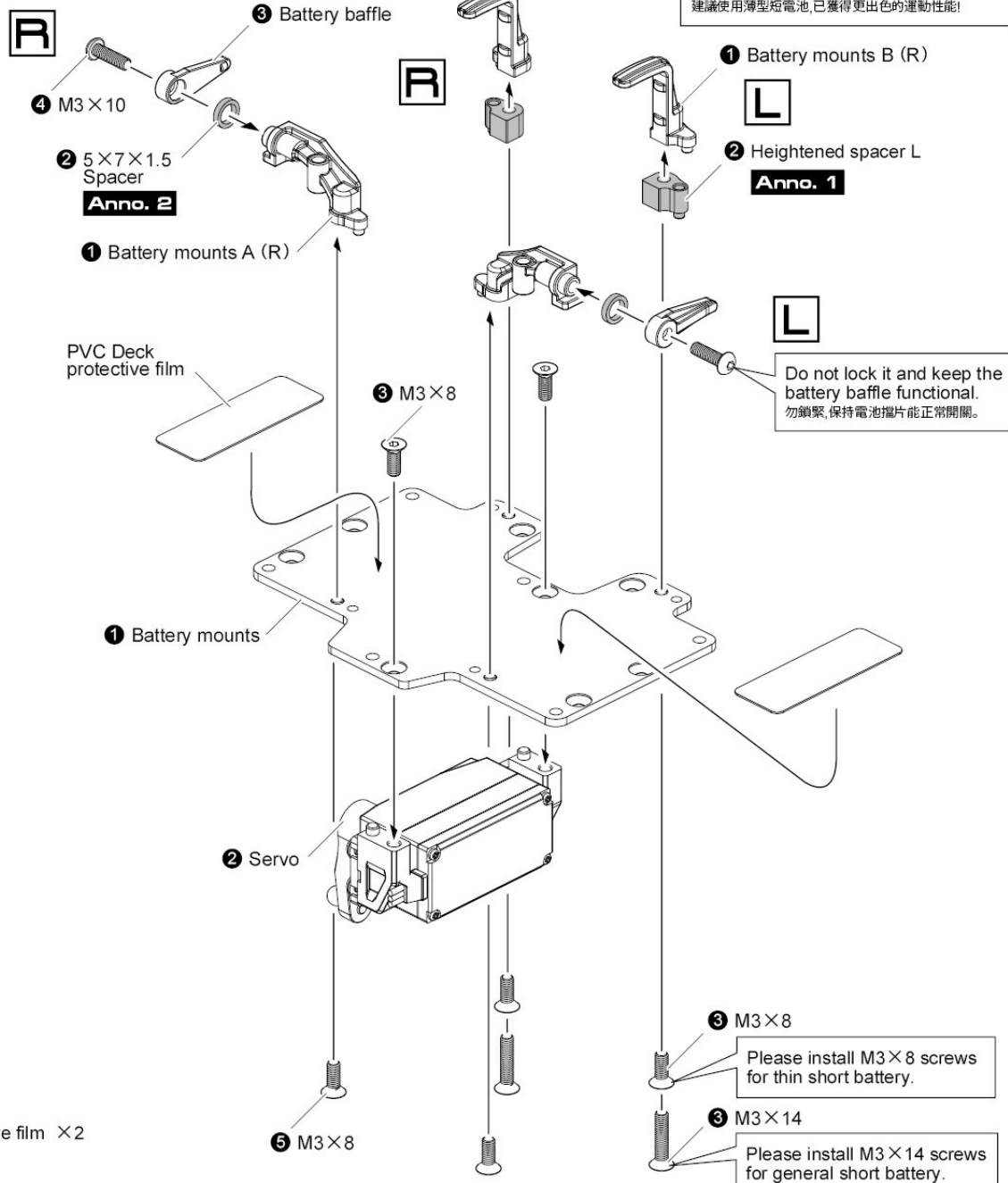
※ Please adjust the length by the servo spec. and the steering neutral.
依伺服機與轉向中立點調整長度。





PVC Deck protective film ×2
PVC底盤防刮貼紙

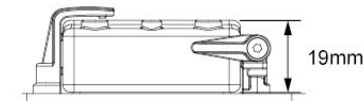
STEP 1 Attaching battery mounts 安裝電池固定座



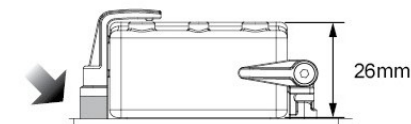
BATTERY HOLDER HEIGHT / LENGTH ADJUSTMENT INSTRUCTIONS

Anno. 1 註1

Remove heightened spacer for a thin short battery
薄型短電池請移除增高墊片

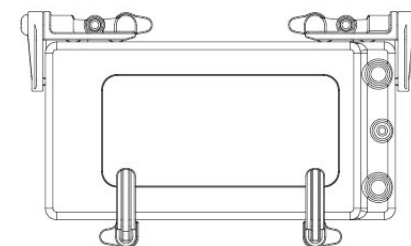


Add heightened spacer for a general short battery
一般型短電池請加裝增高墊片

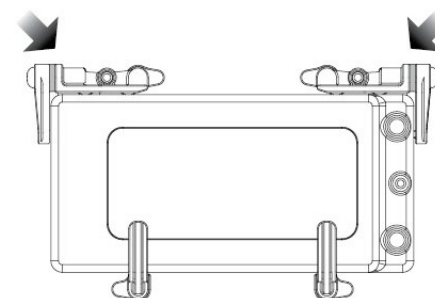


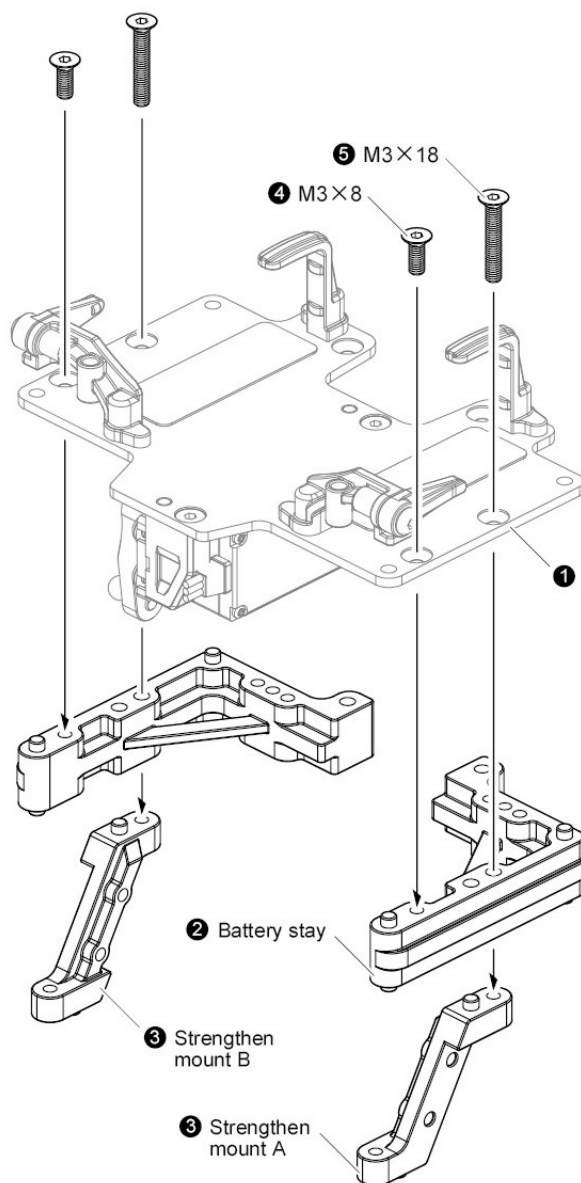
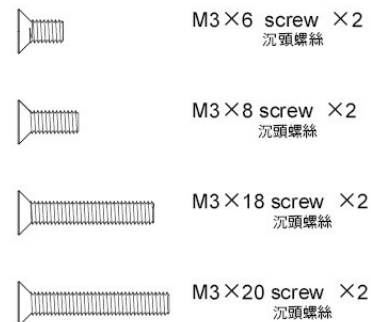
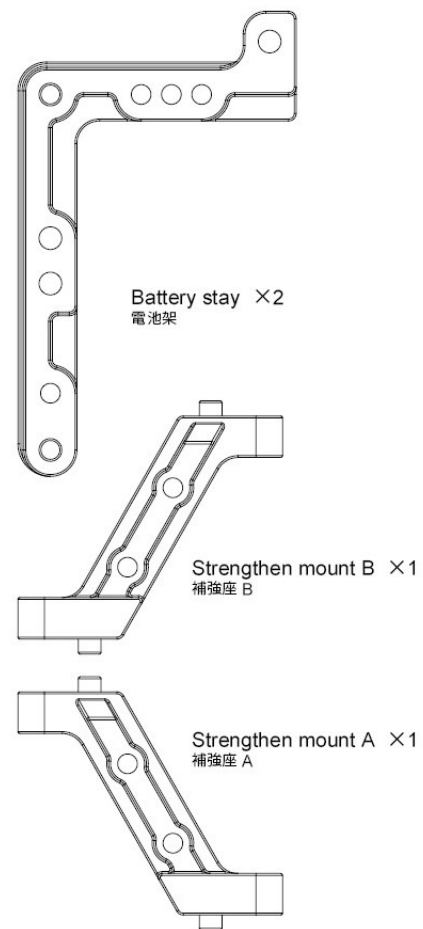
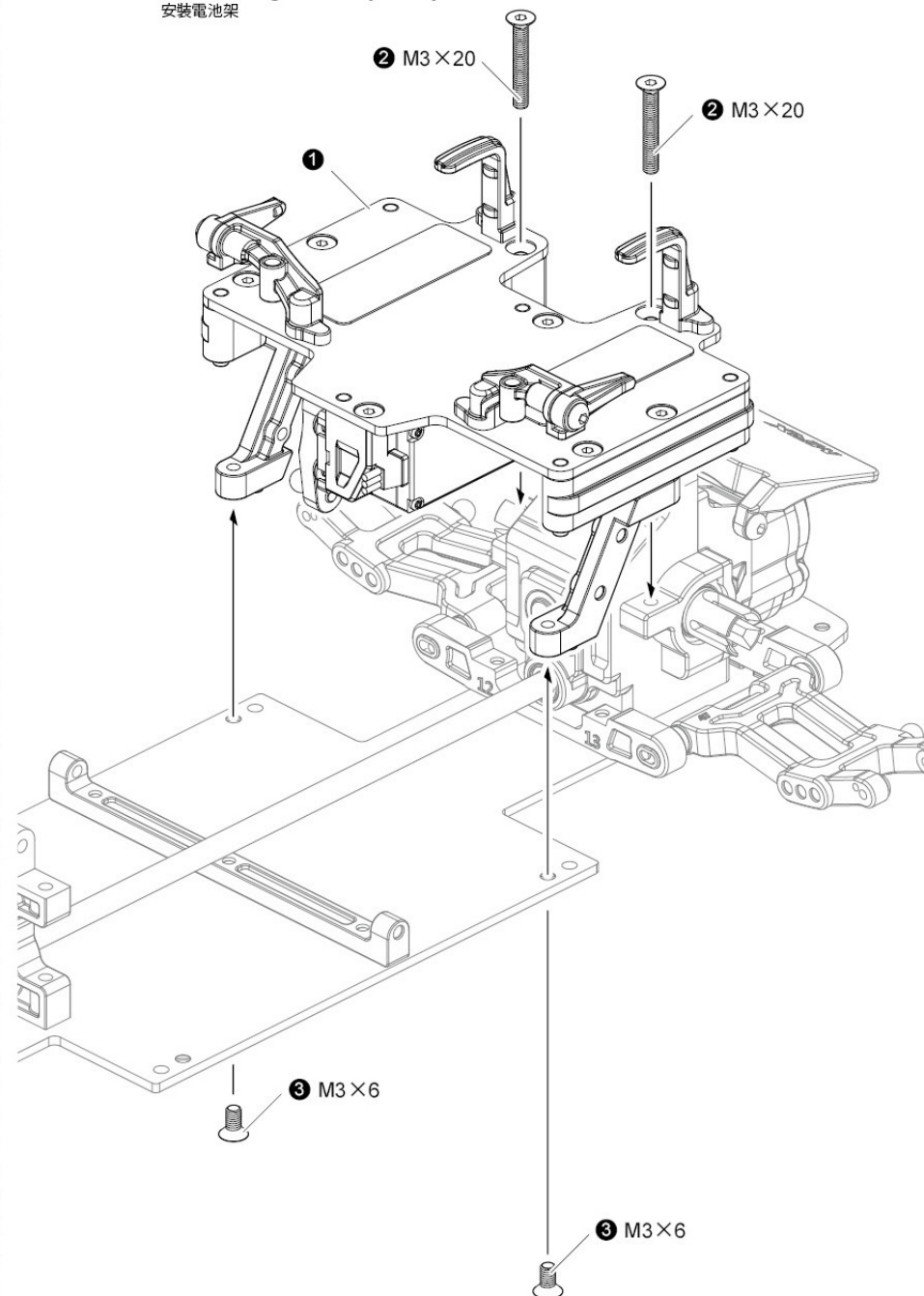
Anno. 2 註2

Remove 5×7×1.5 spacer for a short battery within 93.5mm length
短型電池長度93.5mm以下請移除5×7×1.5墊片



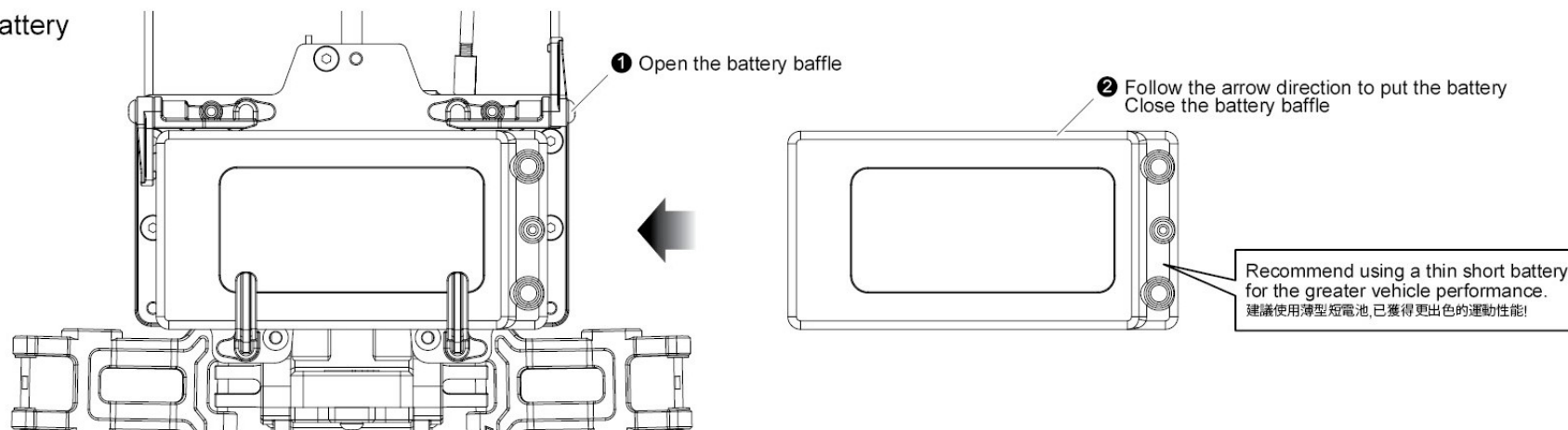
Add 5×7×1.5 spacer for a short battery above 93.5mm length
短型電池長度93.5mm以上請加裝5×7×1.5墊片



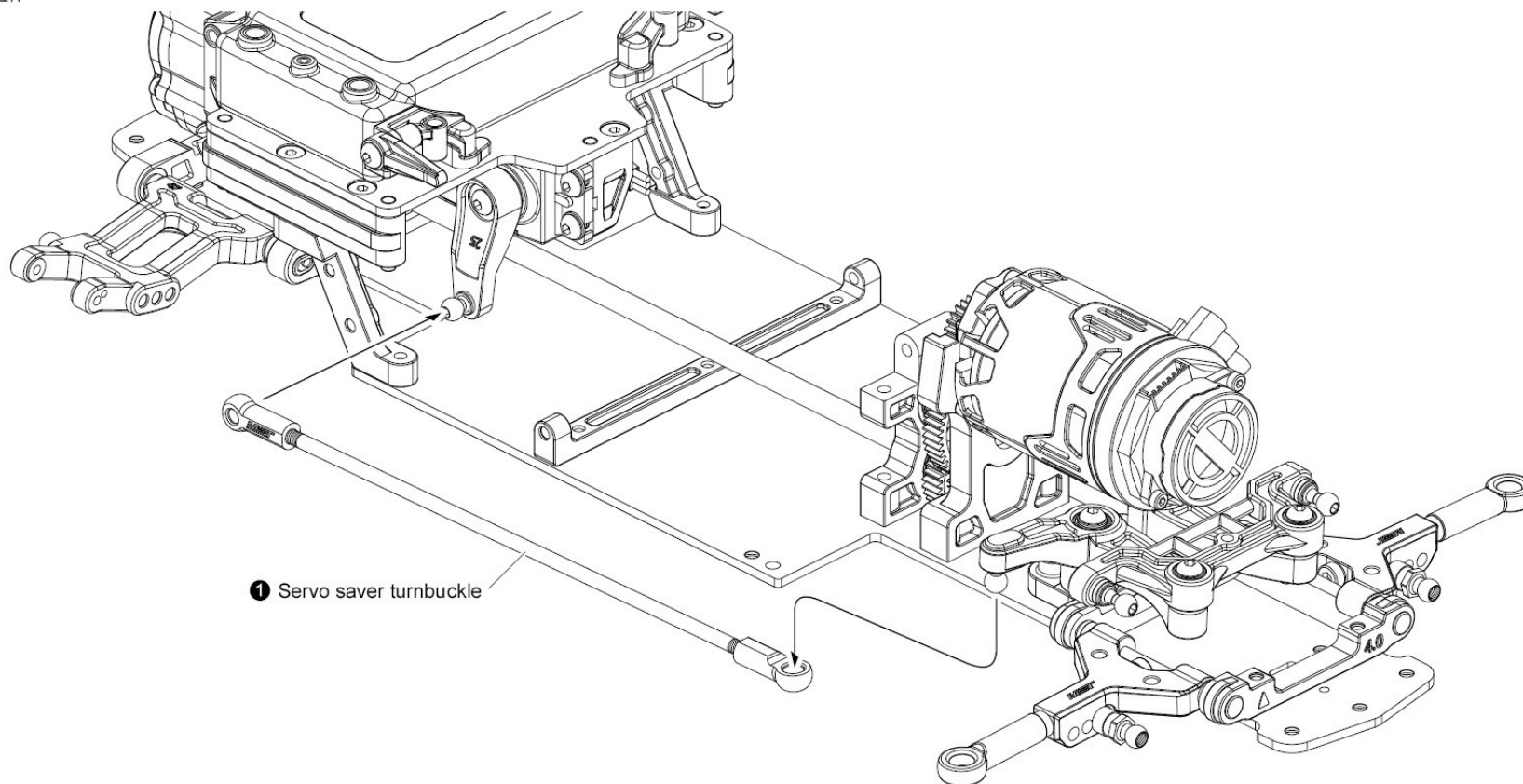
STEP 1 Battery stay assembly
電池架組裝**STEP 2** Attaching battery stay
安裝電池架

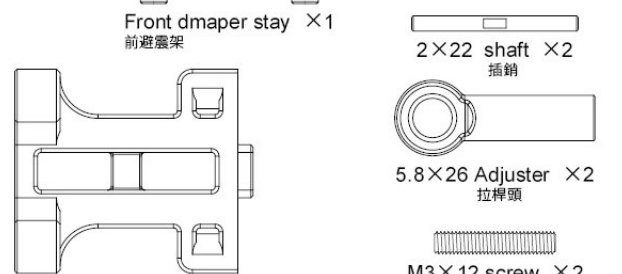
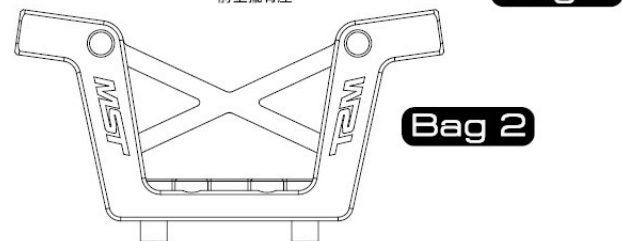
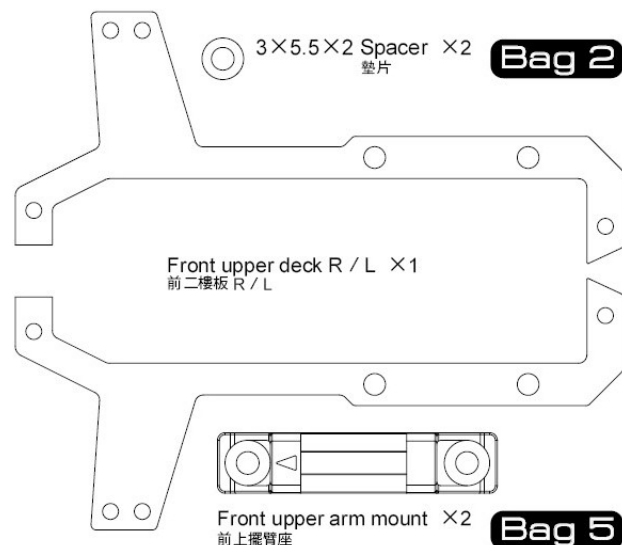
STEP 1 Attaching battery

安裝電池

**STEP 2** Attaching servo saver turnbuckle

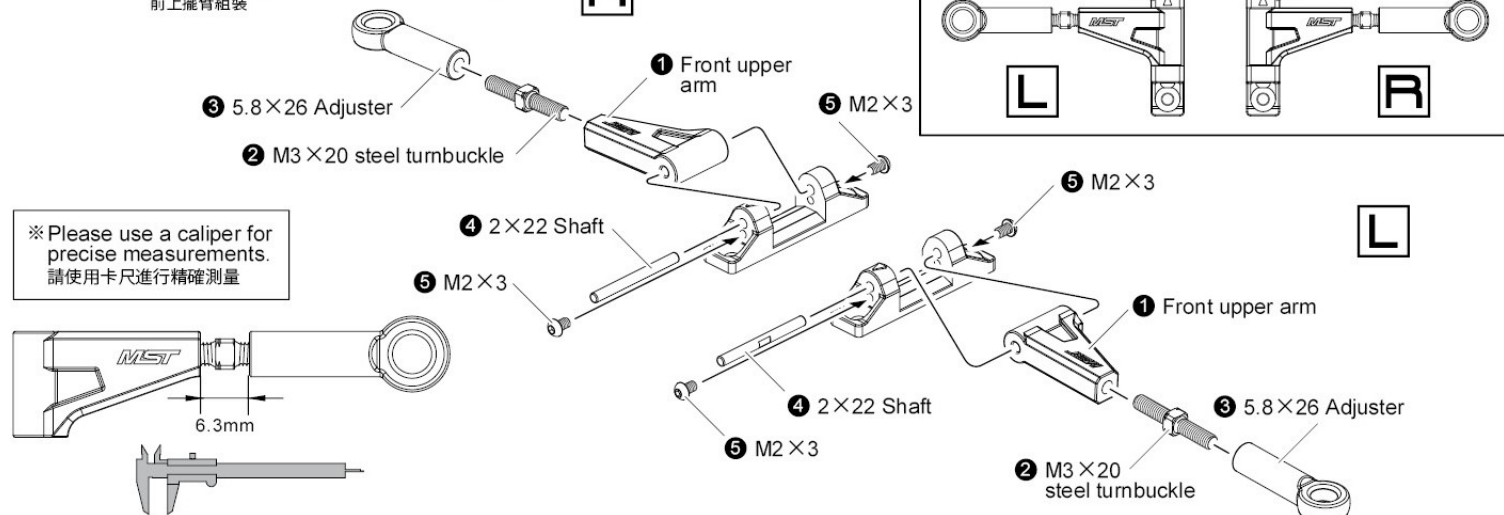
安裝伺服拉桿





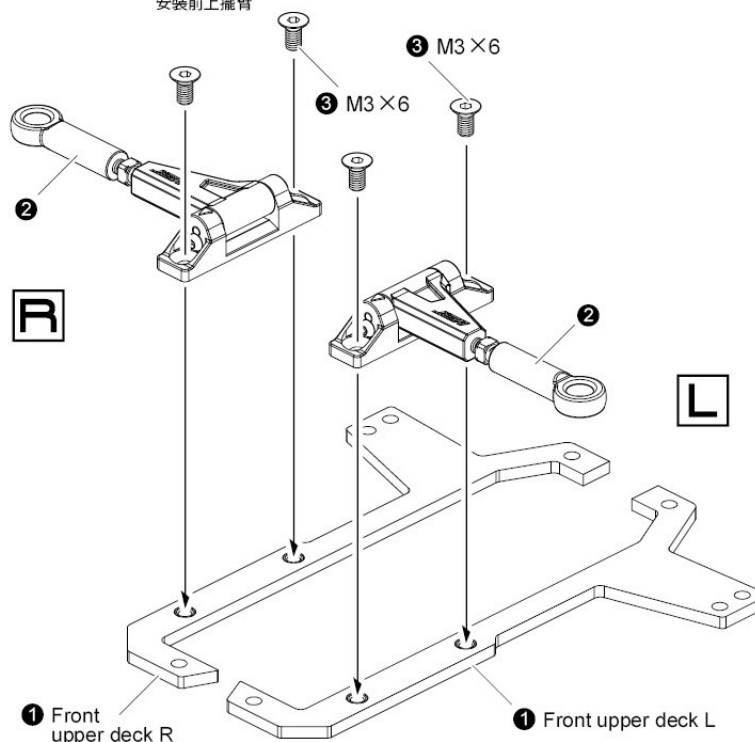
STEP 1 Front upper arm assembly

前上擺臂組裝



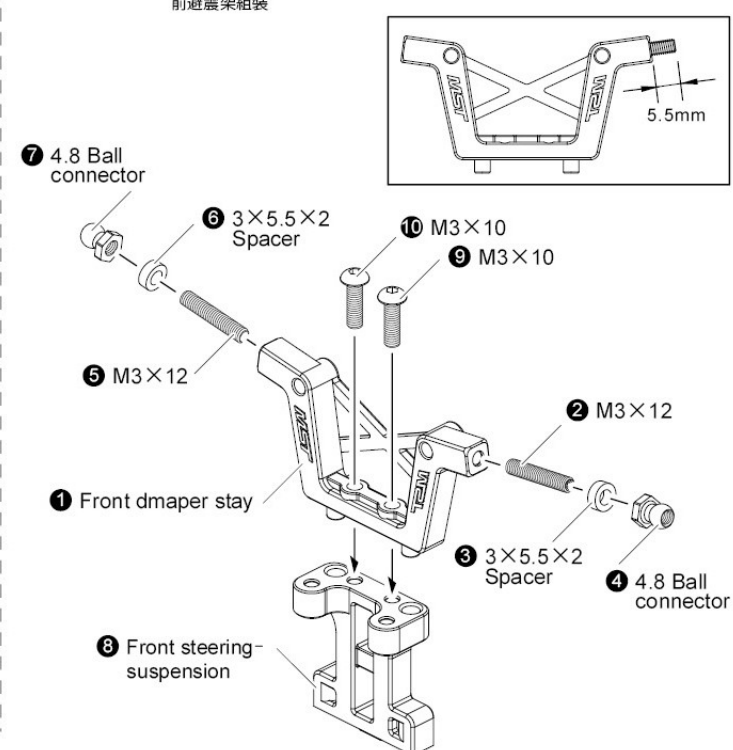
STEP 2 Attaching front upper arm

安裝前上擺臂

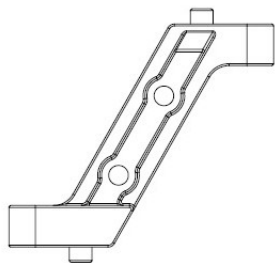


STEP 3 Attaching front damper stay

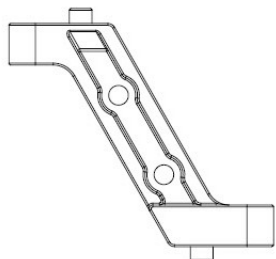
前避震架組裝



安裝前避震架



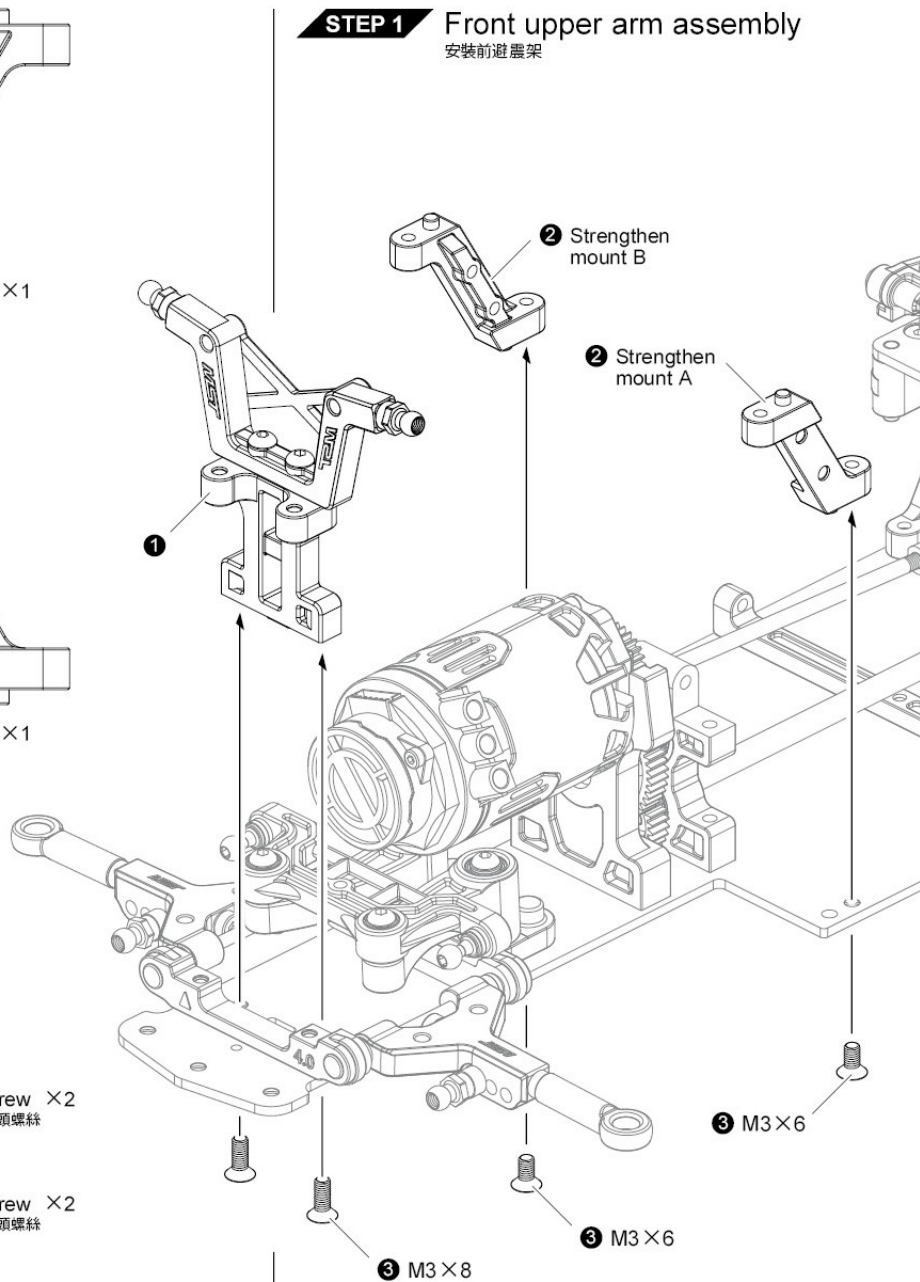
Bag 5



Bag 5



M3×8 screw ×6
圓頭螺絲



安裝前二樓板

