

MST
MAX SPEED TECHNOLOGY

FRX RS

1/10 SCALE RC RWD HIGH PERFORMANCE DRIFT CAR

INSTRUCTION MANUAL

ON ROAD USE ONLY

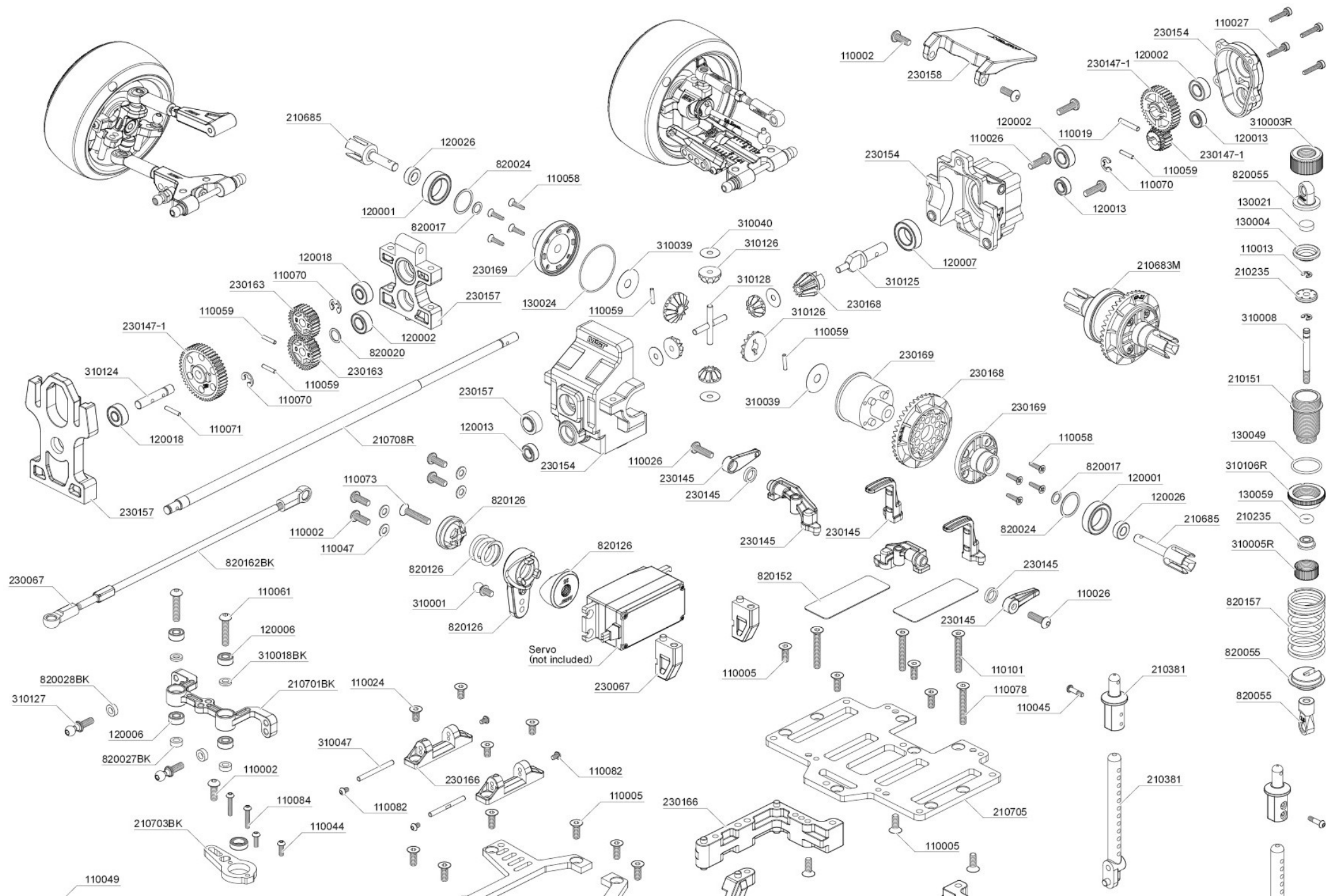
SPECIFICATION: 1/10 FR Drift Car Kit
WHEELBASE: 257mm (adjustable ± 3 mm)
HEX TO HEX WIDTH: F180mm / R172mm
DRIVE MODE: FR (Front motor Rear drive)
CASTER: Adjustable 7.5 / 9 degrees
CAMBER: Adjustable 0 to -12 degrees
FULL BALL BEARING
ALUMINUM HYDRAULIC DAMPER SET

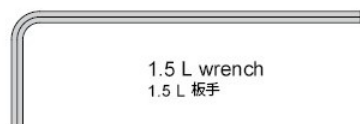


ASSEMBLY KIT

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



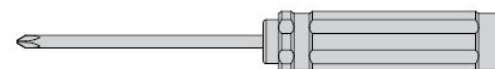
5.5 & 7.0 alum. wrench
5.5 & 7.0 套筒板手

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

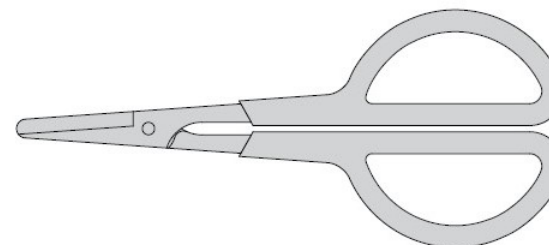
NECESSARY TOOLS FOR ASSEMBLY 工具需求 [NOT INCLUDED IN KIT] [另購]



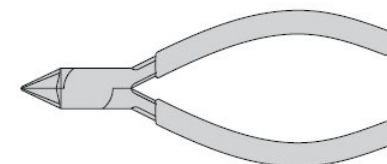
Hobby knife
美工刀



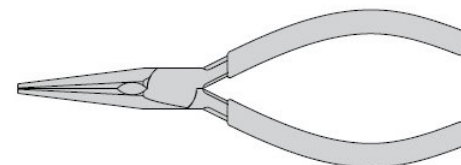
Screwdriver
螺絲起子



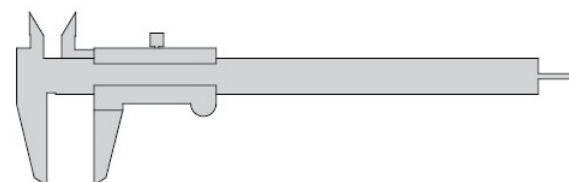
Scissors
剪刀



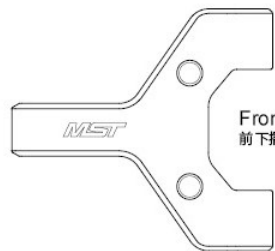
Side cutter
斜口鉗



Needle nose pliers
尖嘴鉗



Vernier caliper
游標卡尺



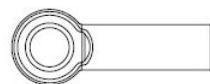
Front lower arm ×2
前下擺臂



Suspension mount (+3.5-+5) ×2
下擺臂座 (+3.5-+5)



Suspension mount bush A ×4
下擺臂座襯套



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



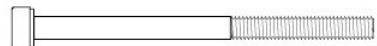
3×5.5×3 Spacer ×2
墊片



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



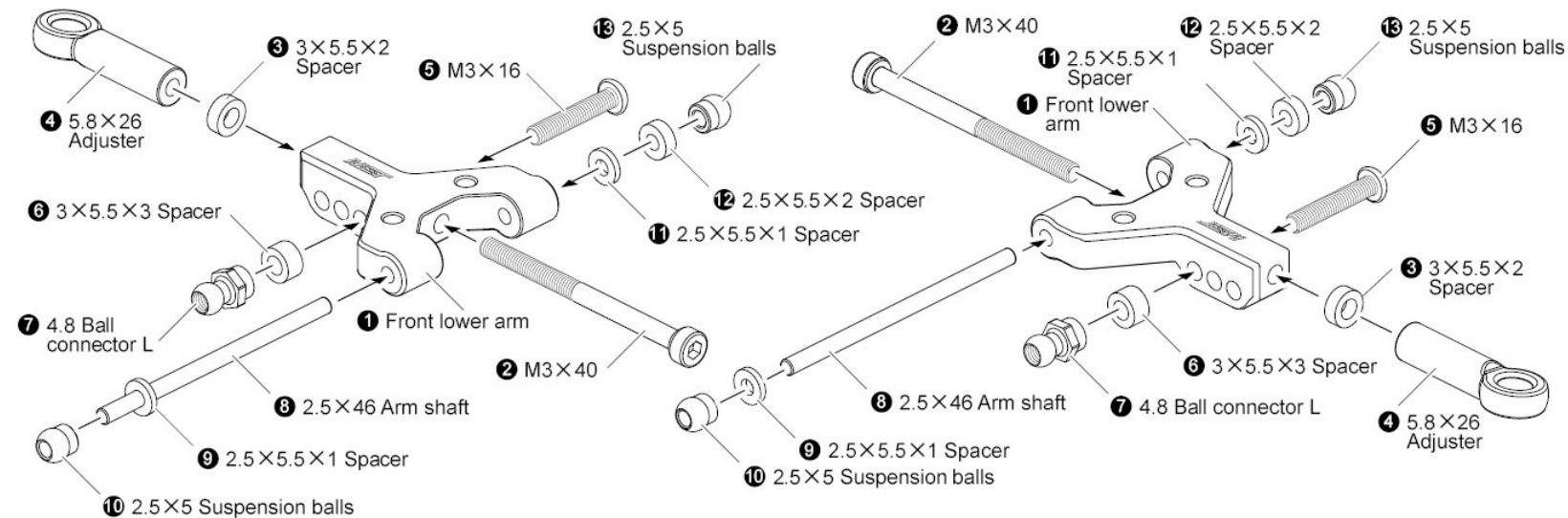
M3×8 screw ×4
沉頭螺絲



4.8 Ball connector L ×2
外六角球頭(長)

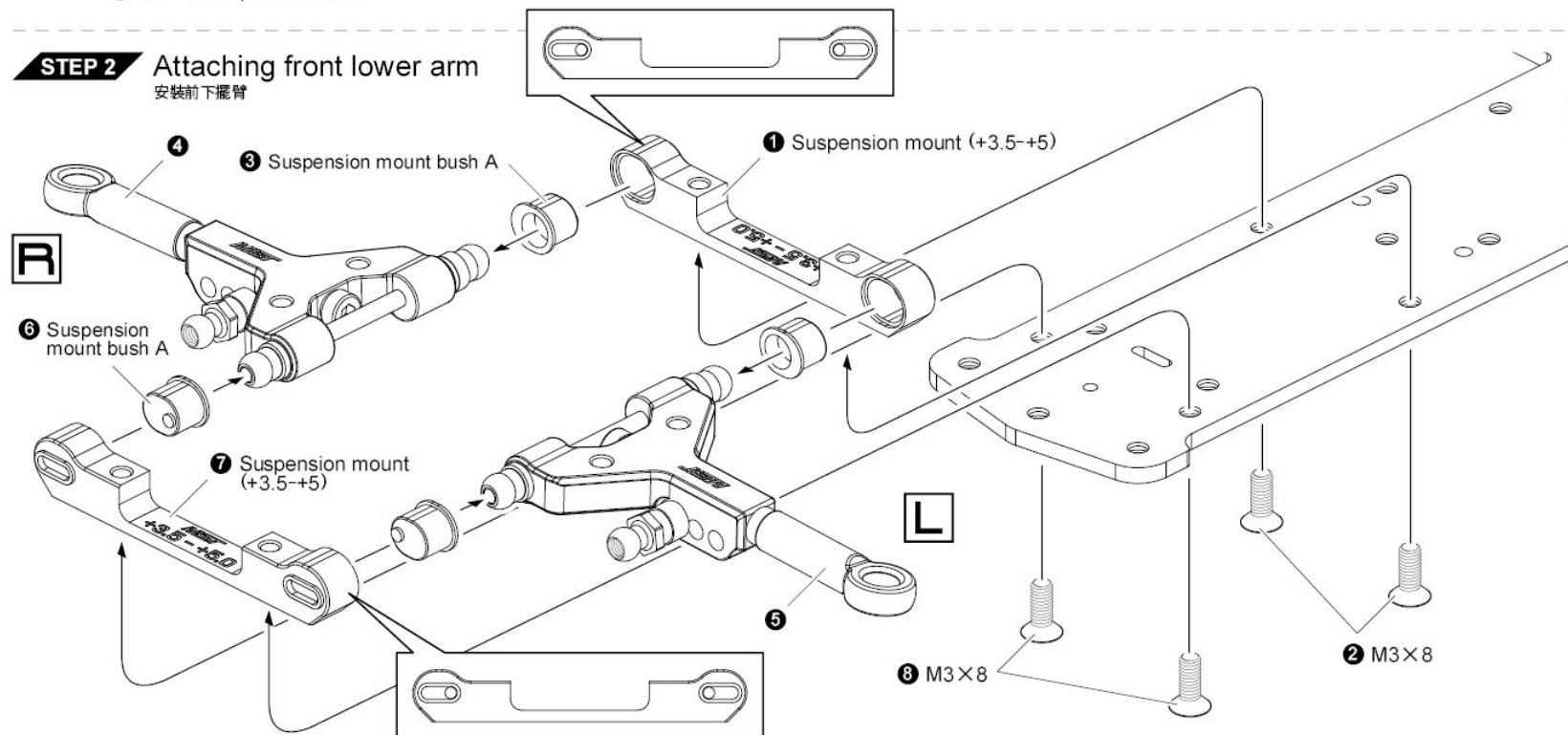
STEP 1 Front lower arm assembly

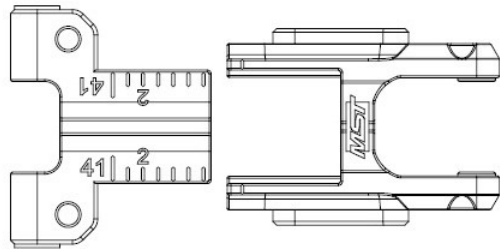
前下擺臂組裝



STEP 2 Attaching front lower arm

安裝前下擺臂





Rear lower arm A ×2
後下擺臂 A

Rear lower arm B ×2
後下擺臂 B



Suspension mount (+11.5~+13) ×2
下擺臂座 (+11.5~+13)



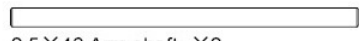
Suspension mount bush A ×2
下擺臂座襯套



Suspension mount bush B ×2
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



4×15 Strengthen post ×2
補強柱



2.5×5.5×1 Spacer ×4
墊片



2.5×5.5×2 Spacer ×2
墊片



3×5.5×3 Spacer ×8
墊片



3×6×0.5 Spacer ×4
墊片



M2×8 screw ×4
圓頭螺絲



M3×20 screw ×4
圓頭螺絲



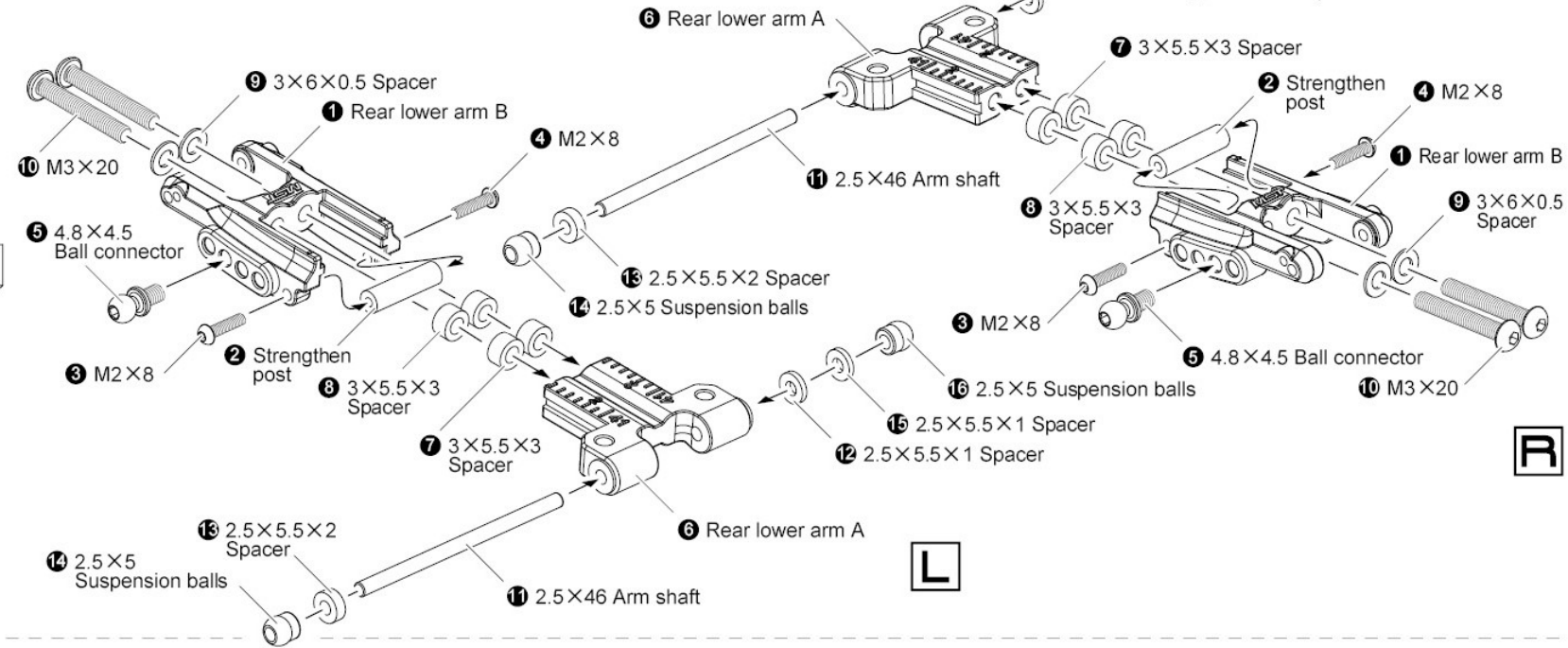
M3×8 screw ×4
沉頭螺絲



4.8×4.5 Ball connector ×2
球頭螺絲

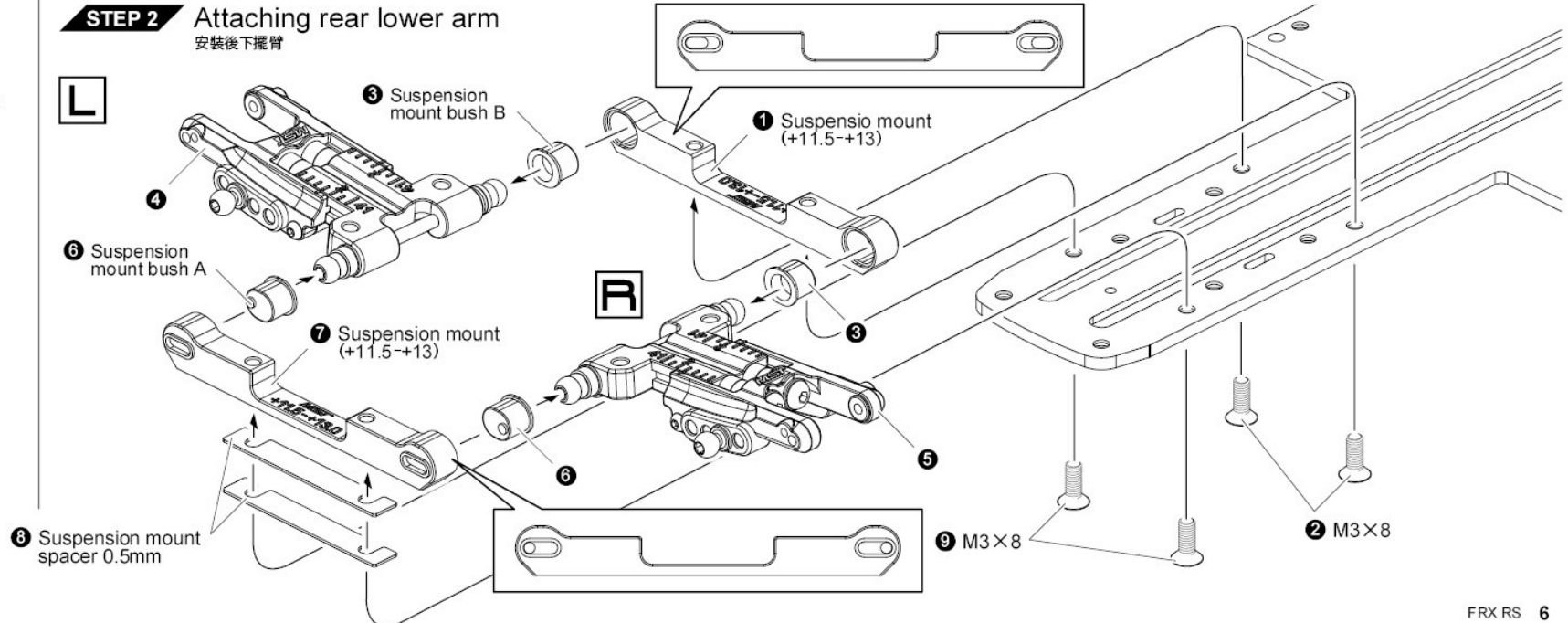
STEP 1 Rear lower arm assembly

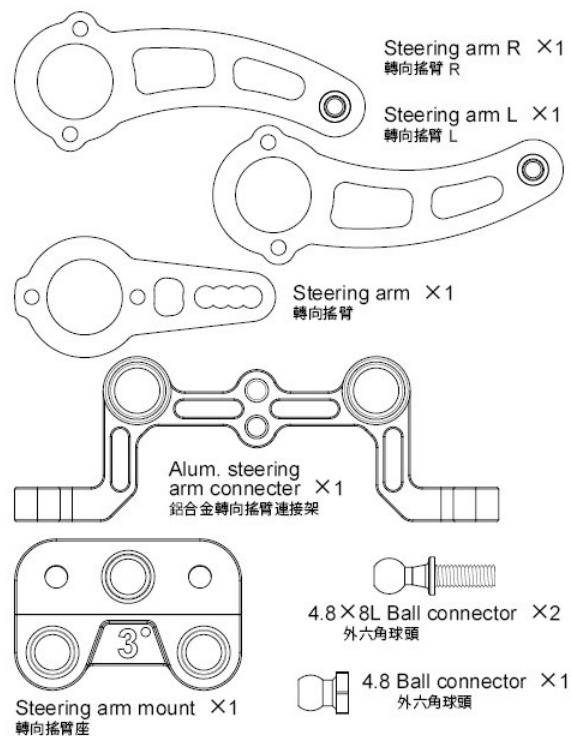
後下擺臂組裝



STEP 2 Attaching rear lower arm

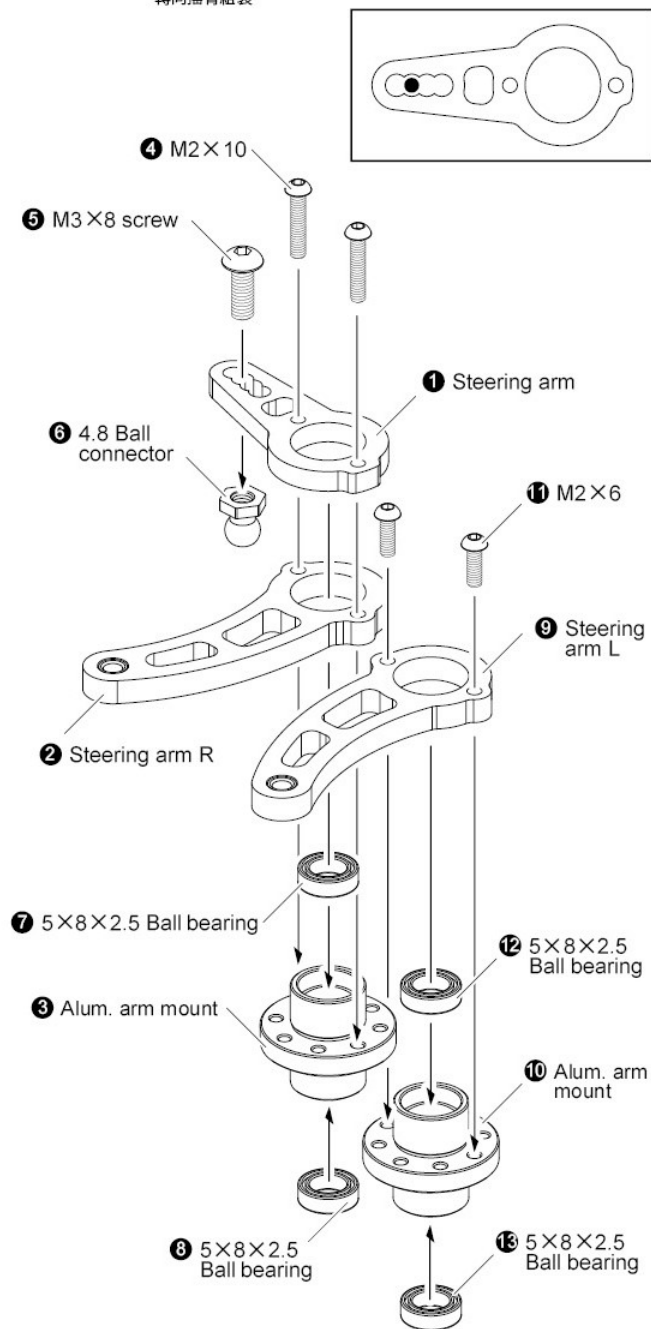
安裝後下擺臂



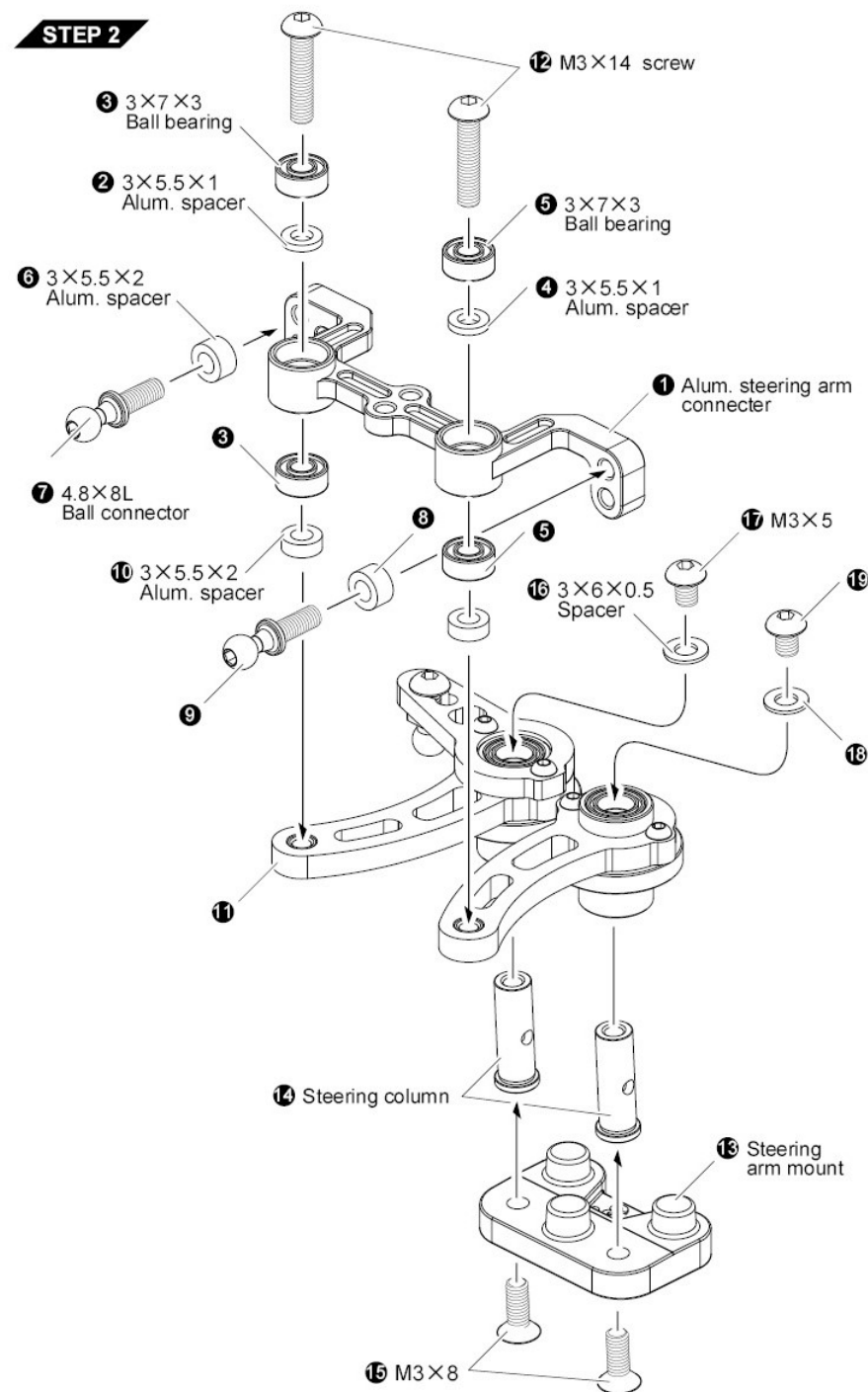


STEP 1 Steering arm assembly

轉向搖臂組裝



STEP 2

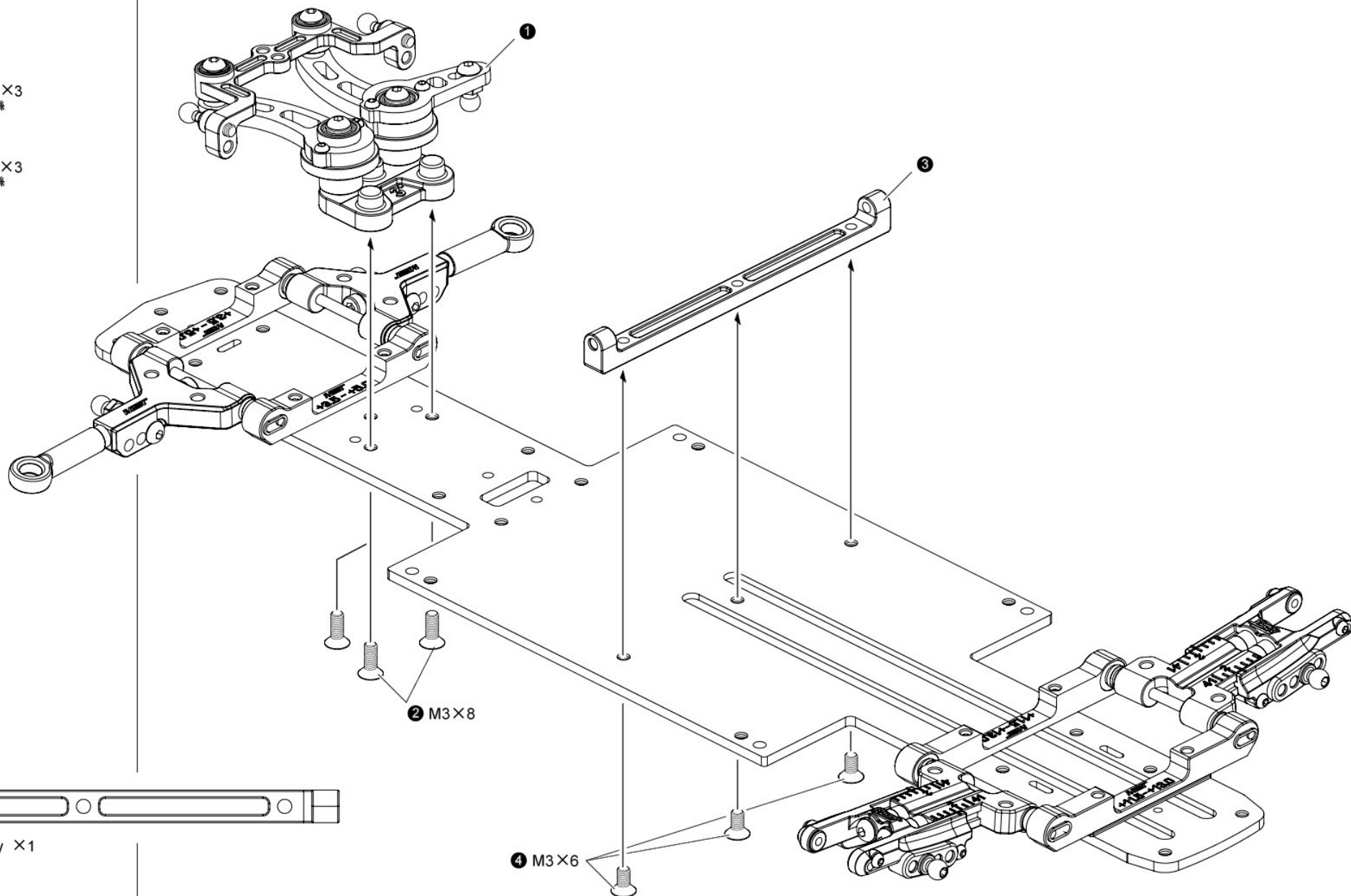




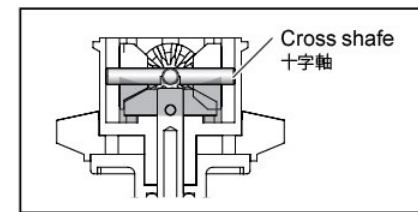
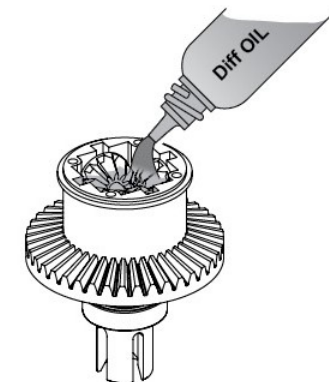
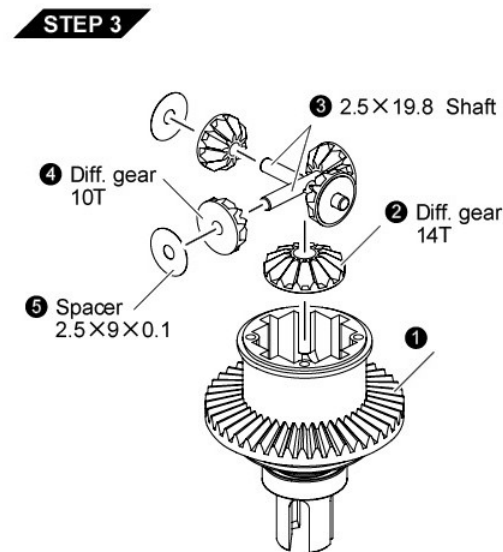
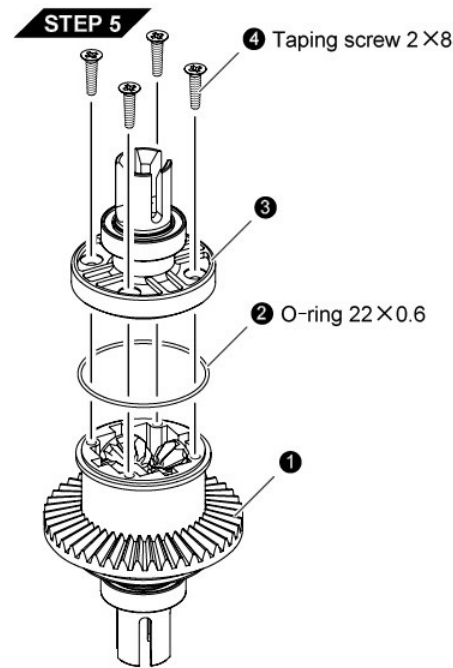
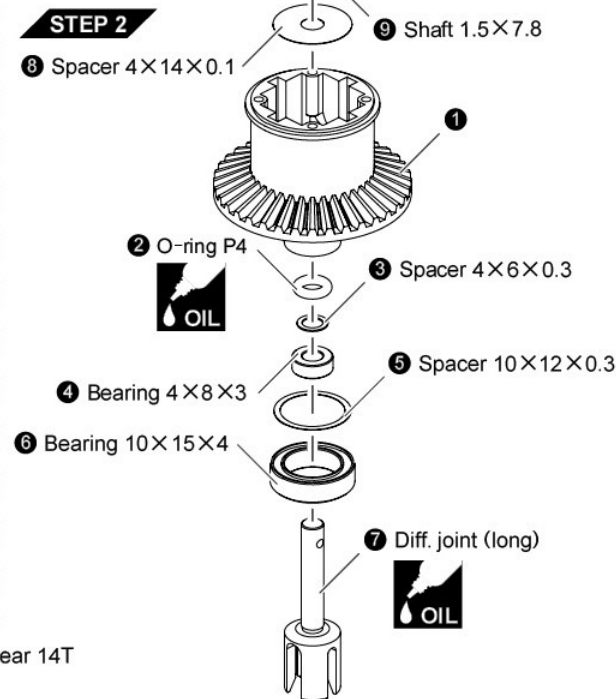
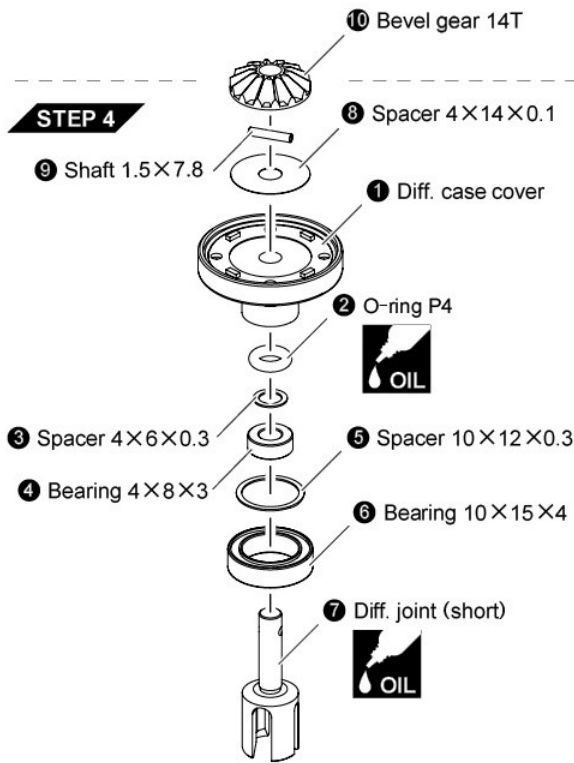
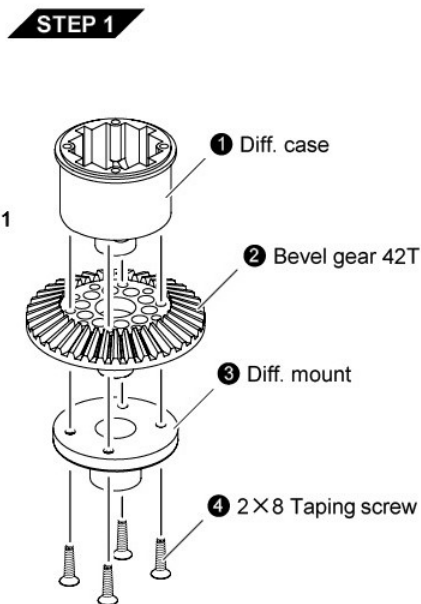
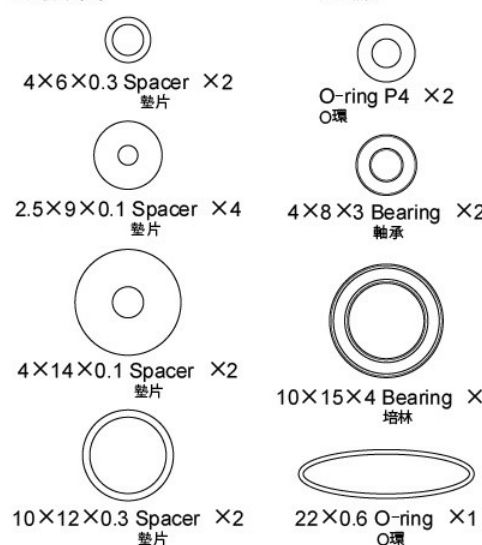
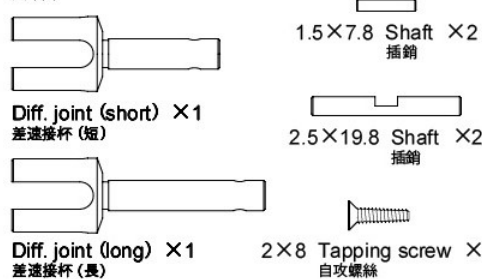
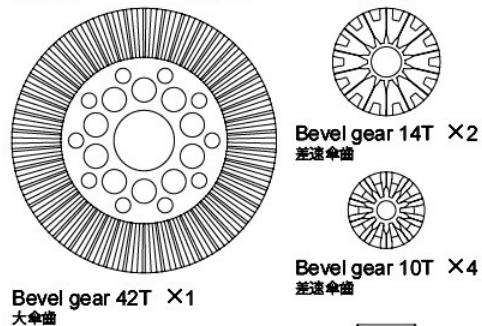
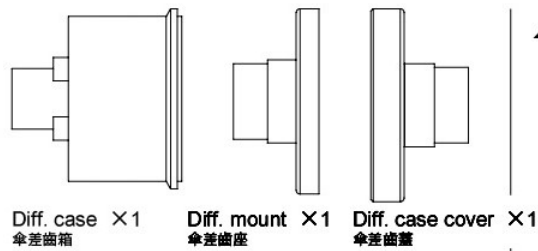
M3×6 screw ×3
沉頭螺絲



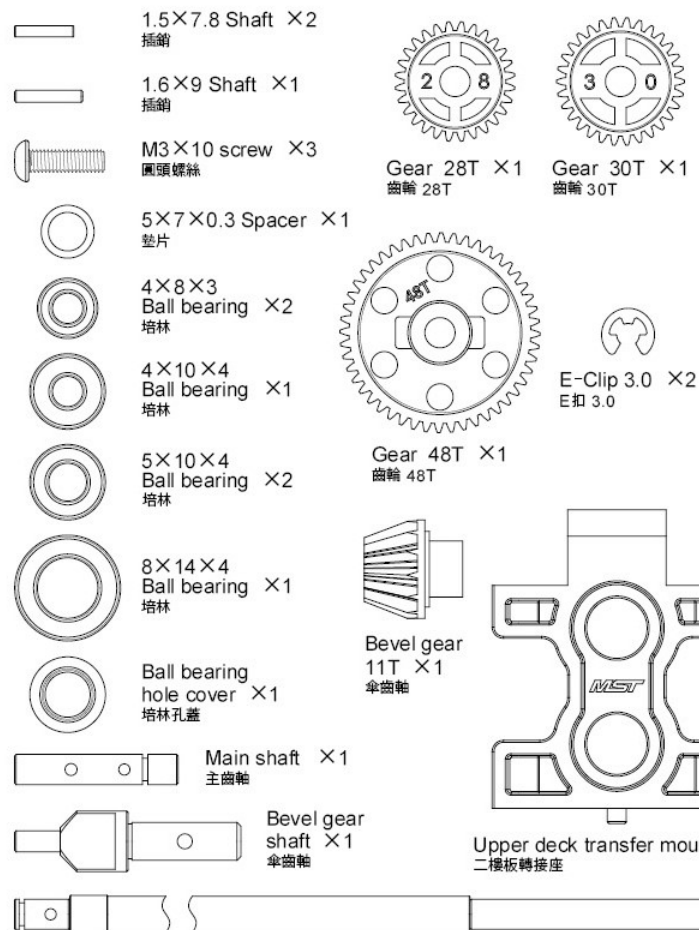
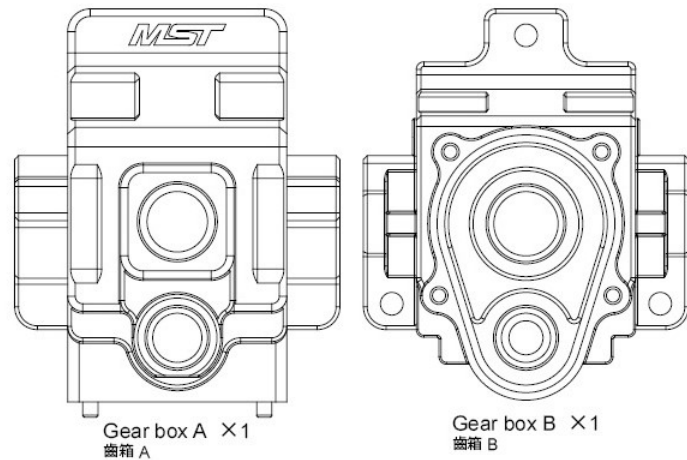
M3×8 screw ×3
沉頭螺絲



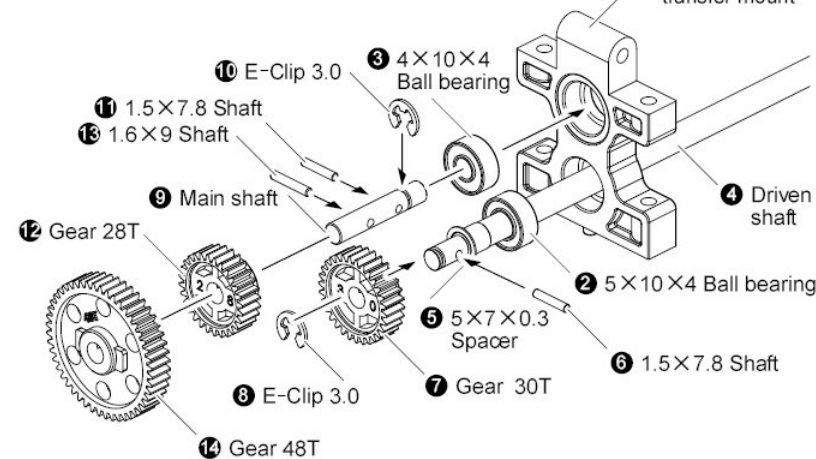
lower deck strengthen stay ×1
底盤補強架



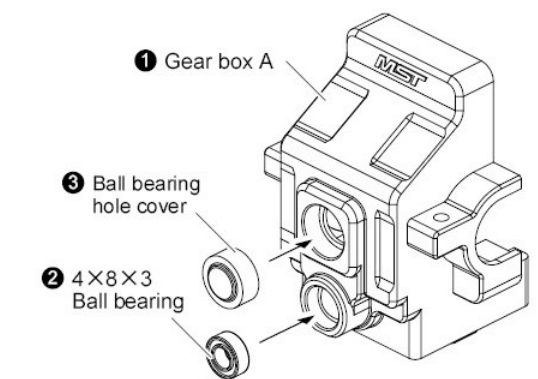
※ Do not exceed the position of the cross shaft when filling differential oil.
填入差速油勿超過十字軸。



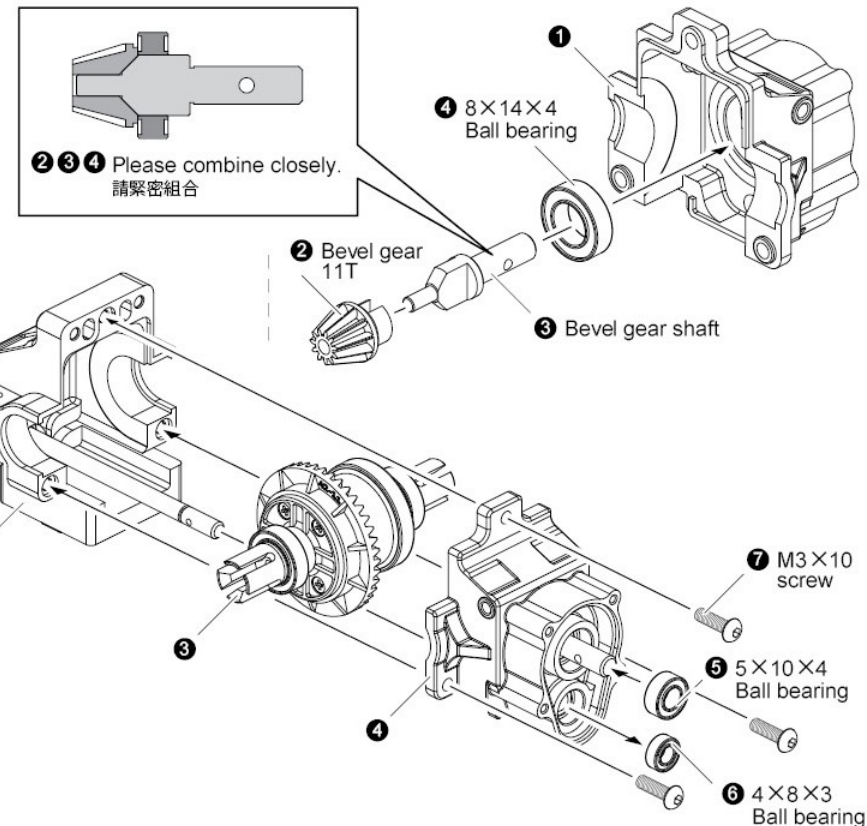
STEP 1 Main shaft assembly
主齒軸組裝



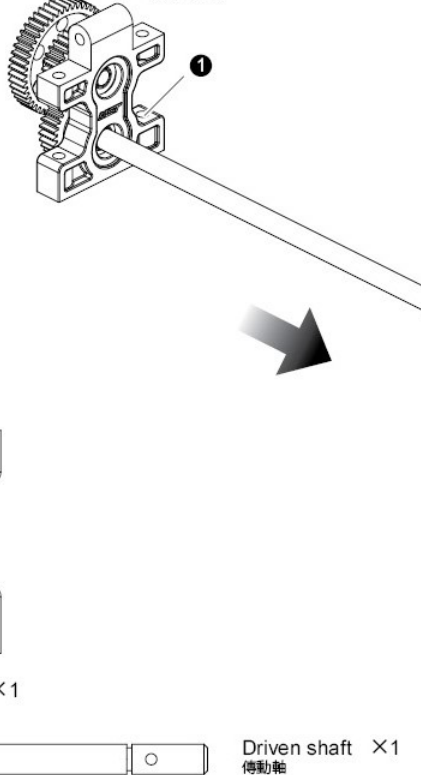
STEP 2 Main shaft assembly
主齒軸組裝

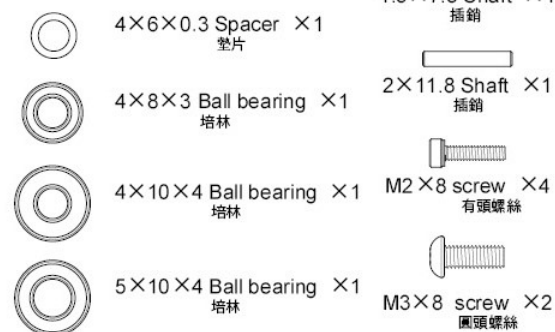
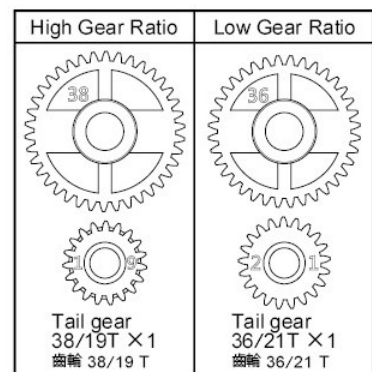
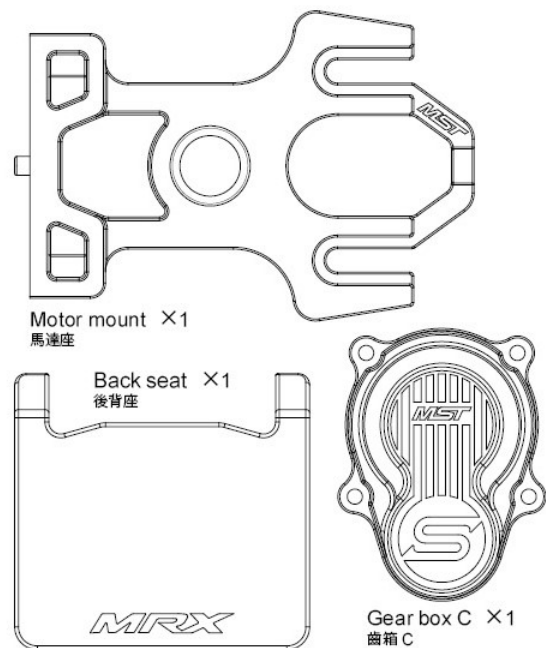


STEP 3 Bevel gear shaft assembly
傘齒軸組裝



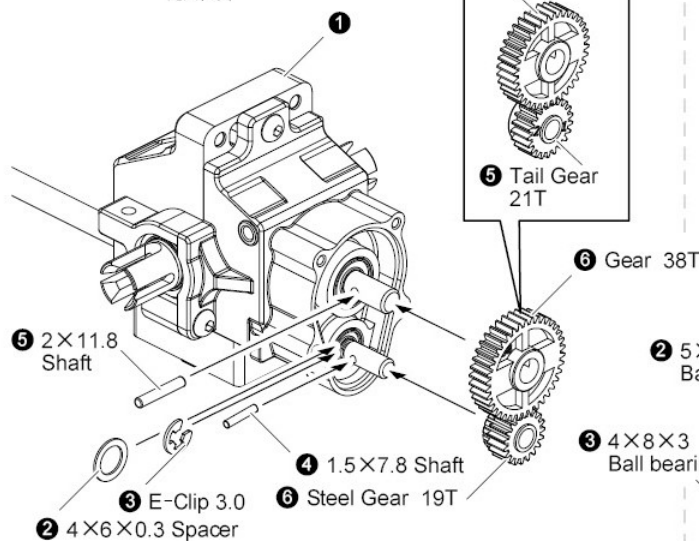
STEP 4 Gear box assembly
齒箱組裝





STEP 1 Tail gear assembly

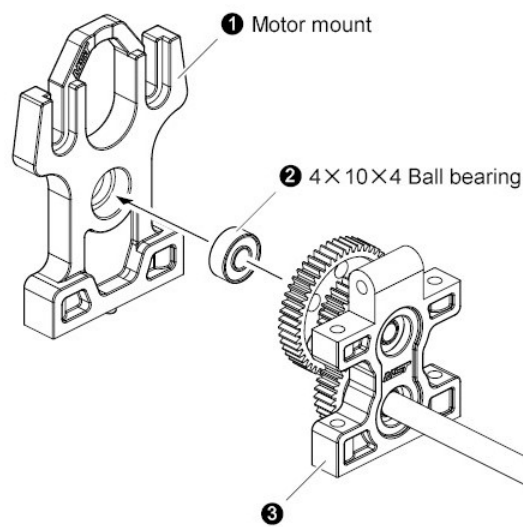
尾齒組裝



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)

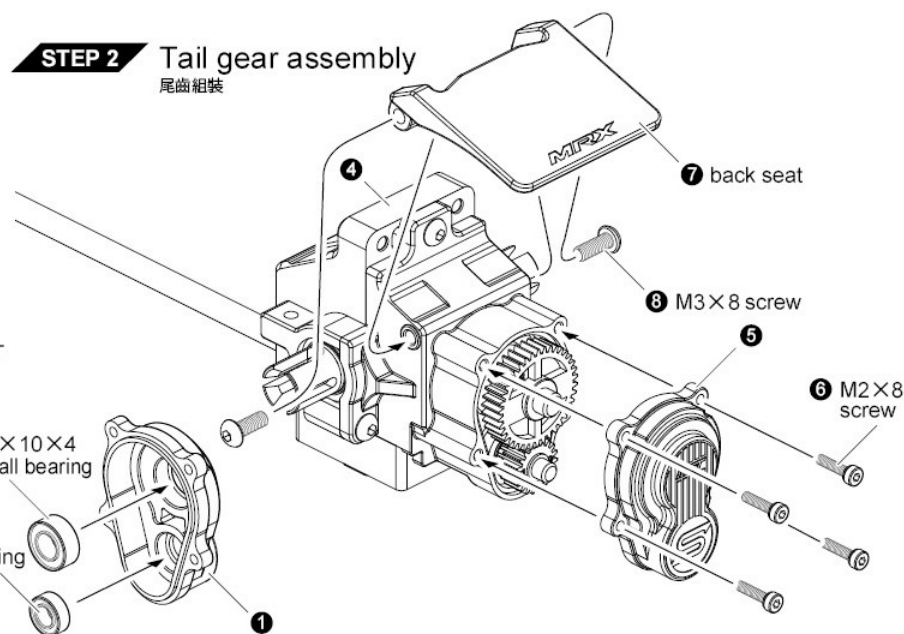
STEP 3 Motor mount assembly

安裝馬達座



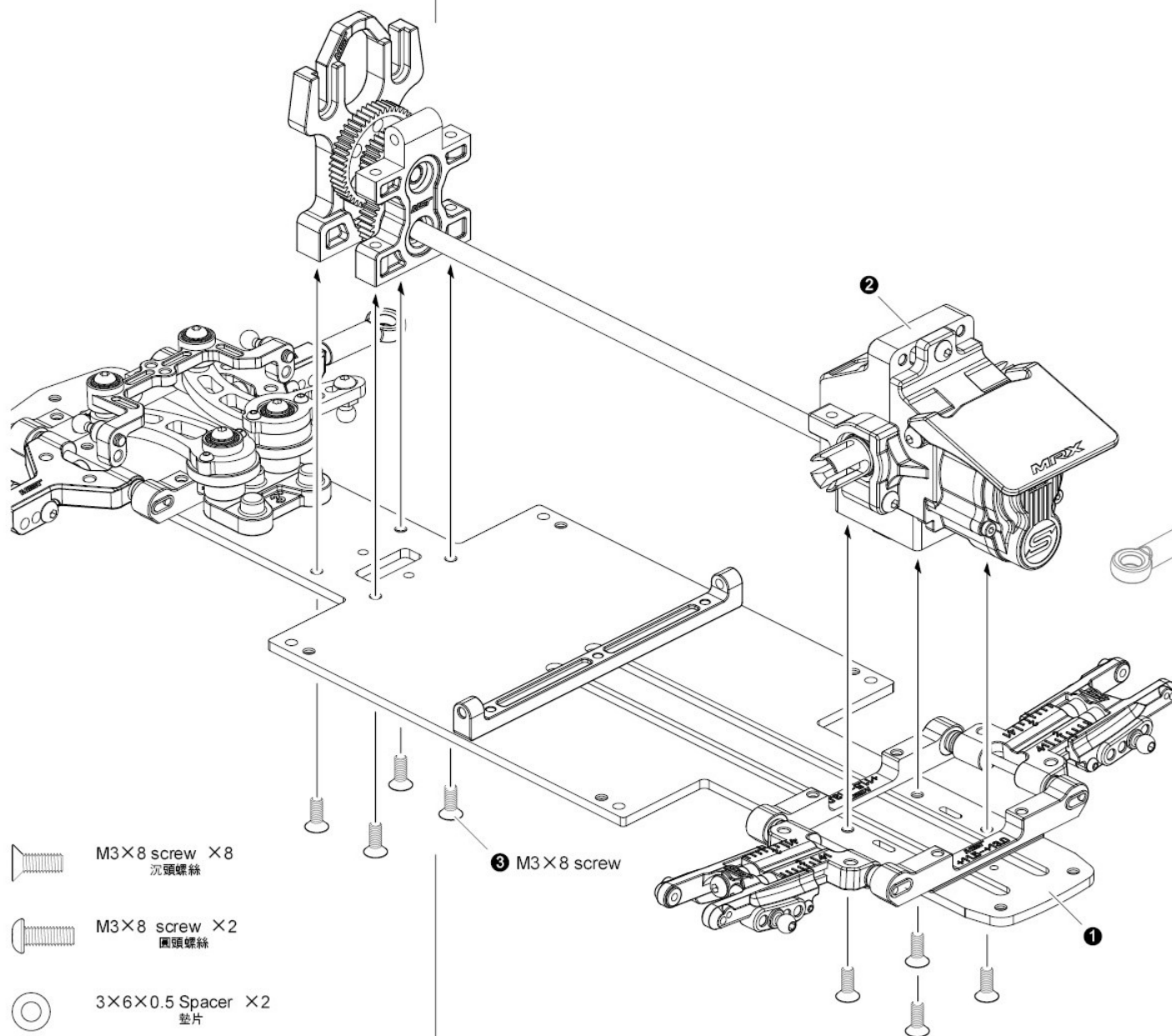
STEP 2 Tail gear assembly

尾齒組裝

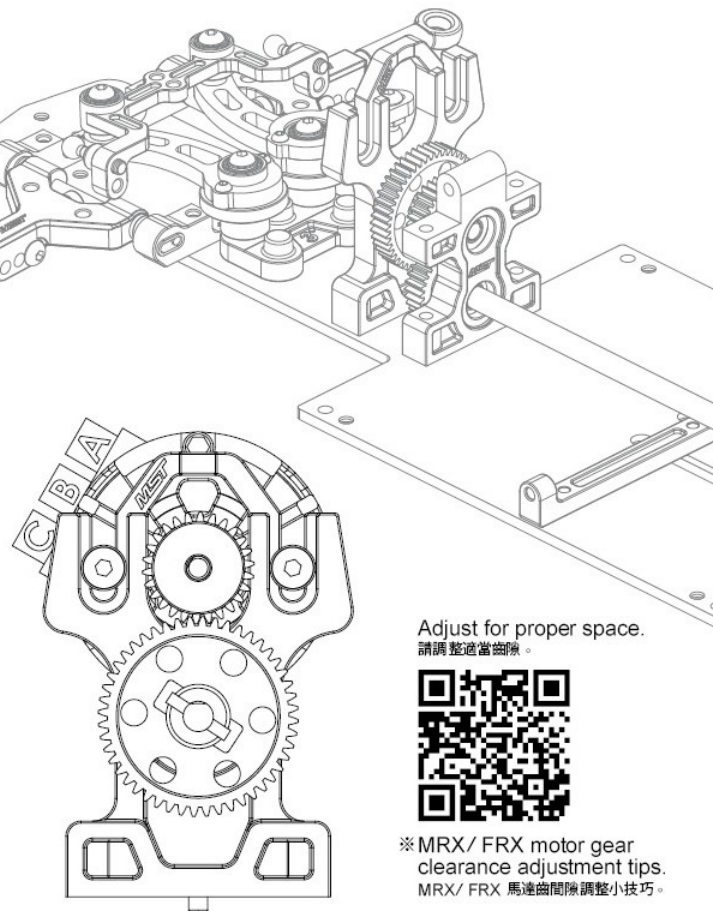
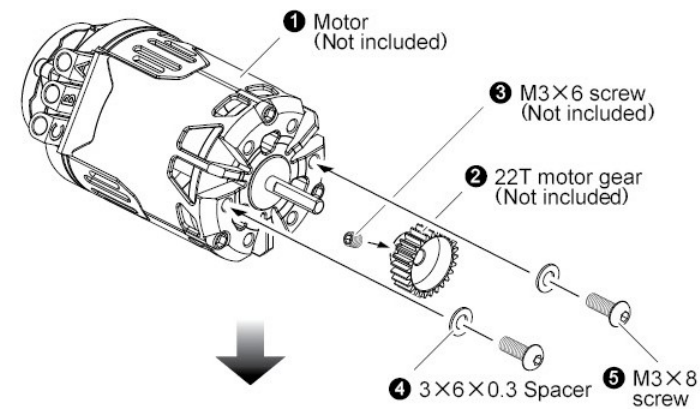


MRX/FRX		Differential Gear 40/13 差速齒		Differential Gear 42/11 差速齒	
MOTOR HEIGHT 馬達高度	PINION GEAR 馬達齒	Tail Gear 36T/21T 尾齒	Tail Gear 38T/19T 尾齒	Tail Gear 36T/21T 尾齒	Tail Gear 38T/19T 尾齒
THIN SHORT BATTERY < 19mm 薄型短電池	18	15.03	17.58	18.64	21.8
	19	14.24	16.65	17.66	20.65
	20	13.53	15.82	16.77	19.62
	21	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

STEP 1 Attaching gear box
安裝齒箱組

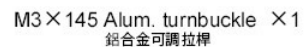
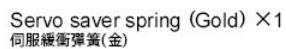
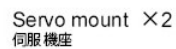
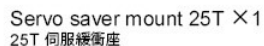
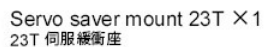


STEP 2 Attaching motor
安裝馬達

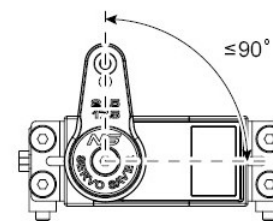
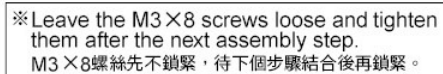




Servo saver cover X1
伺服緩衝上蓋

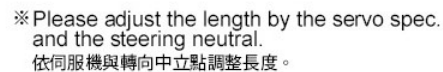


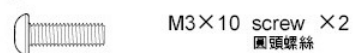
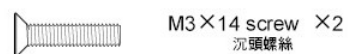
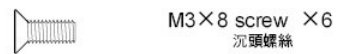
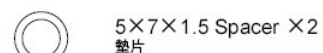
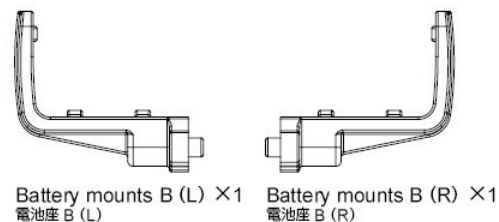
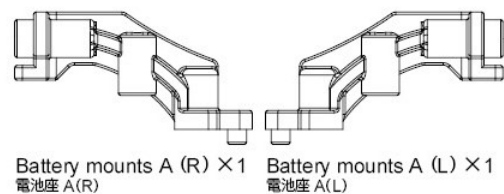
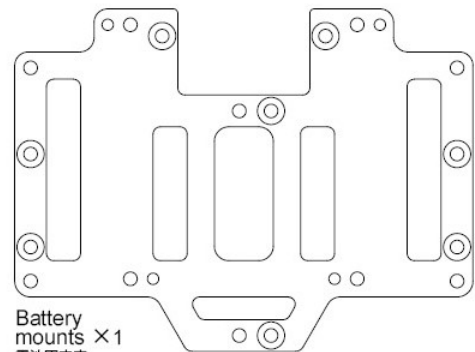
轉向伺服機組裝



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

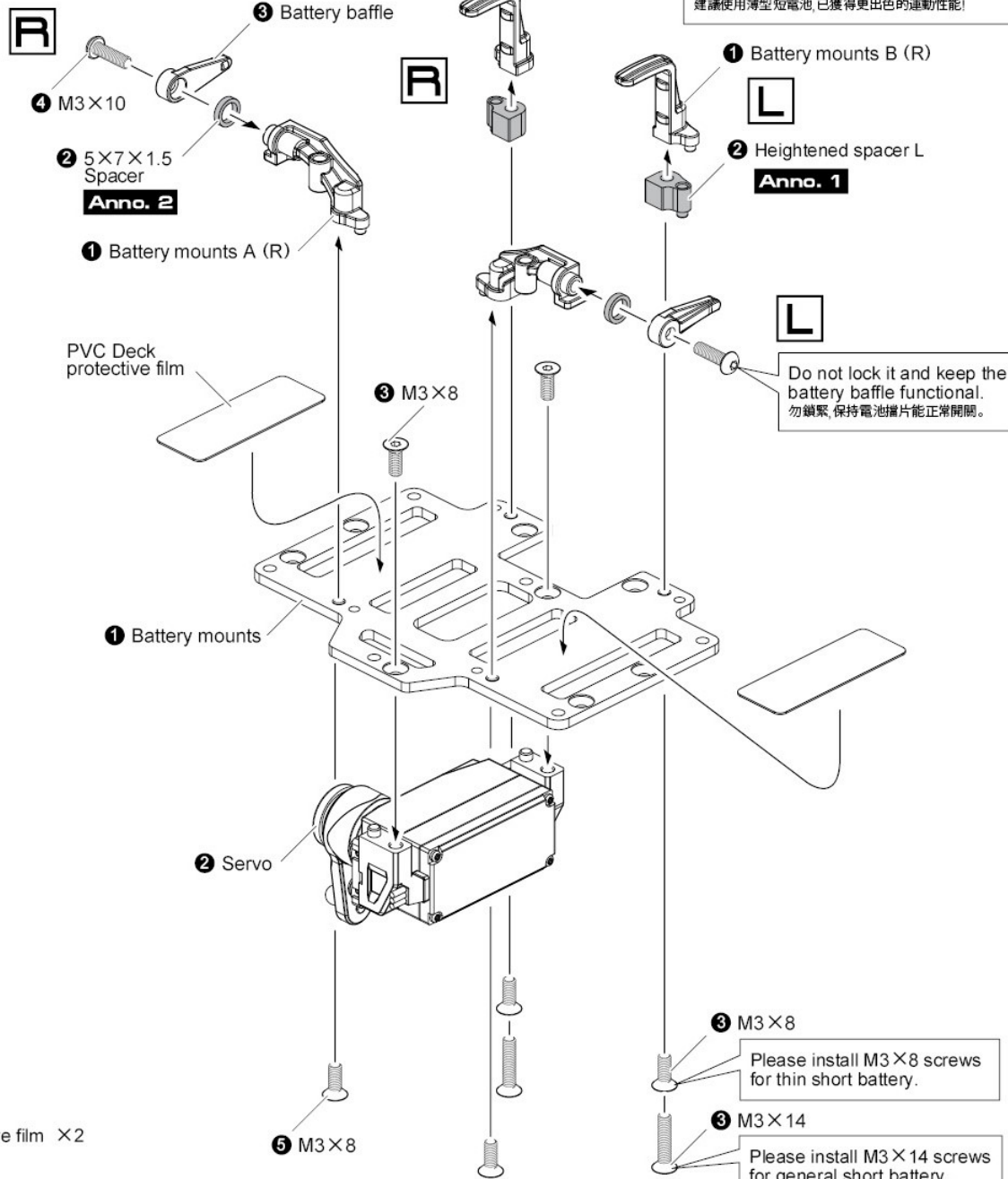
伺服拉桿組裝





PVC Deck protective film ×2
PVC底盤防刮貼紙

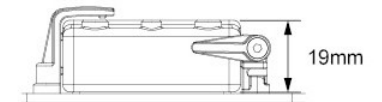
STEP 1 Attaching battery mounts 安裝電池固定座



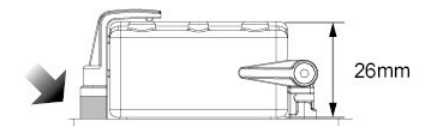
BATTERY HOLDER HEIGHT / LENGTH ADJUSTMENT INSTRUCTIONS

Anno. 1 註1

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

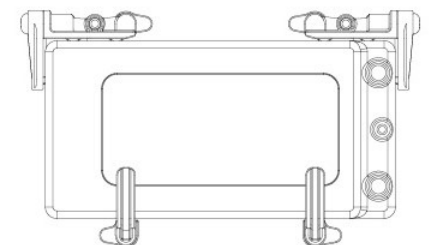


Add heightened spacer for a general short battery
一般型短電池請加裝增高墊片

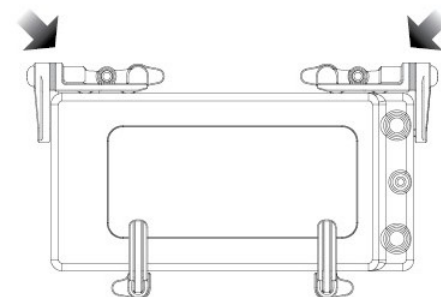


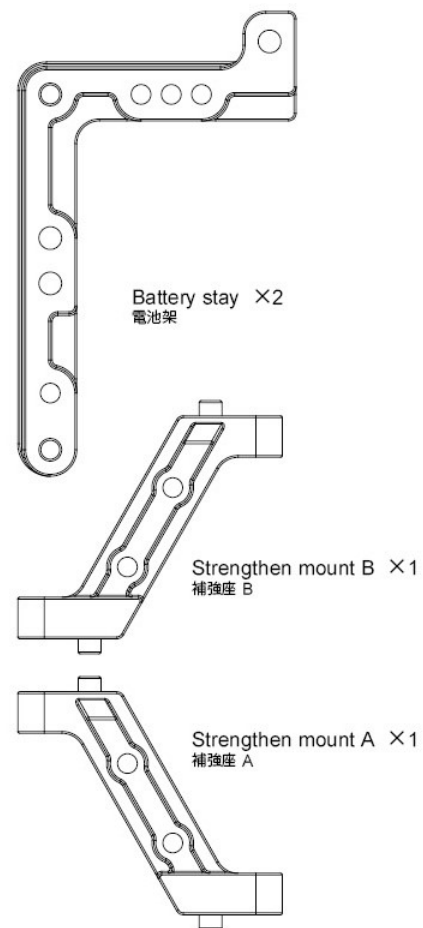
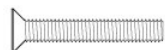
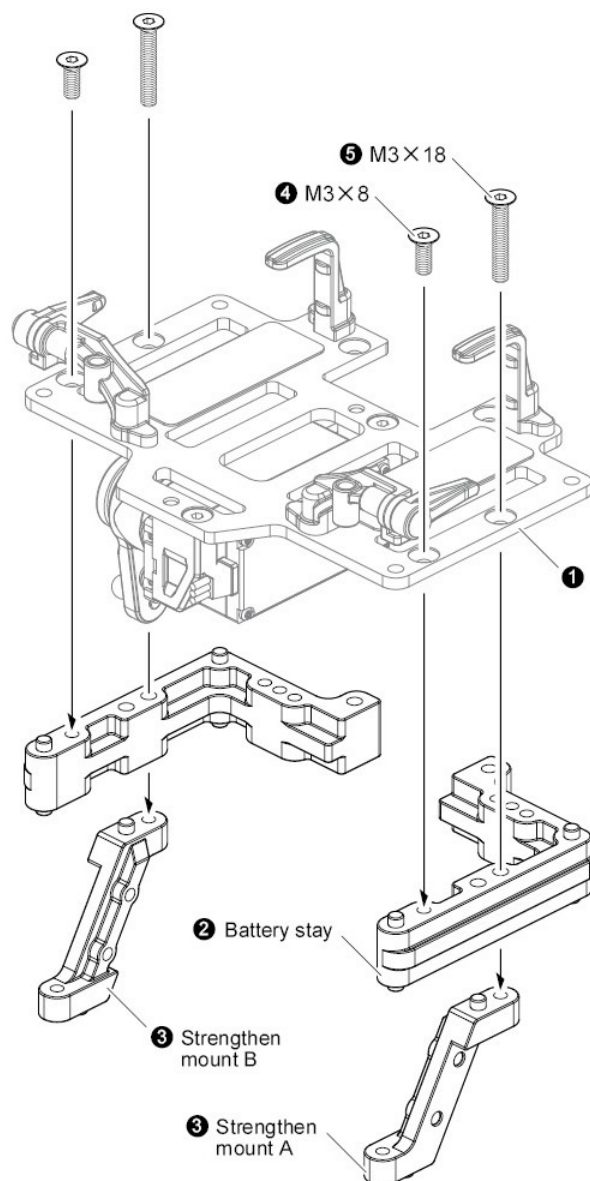
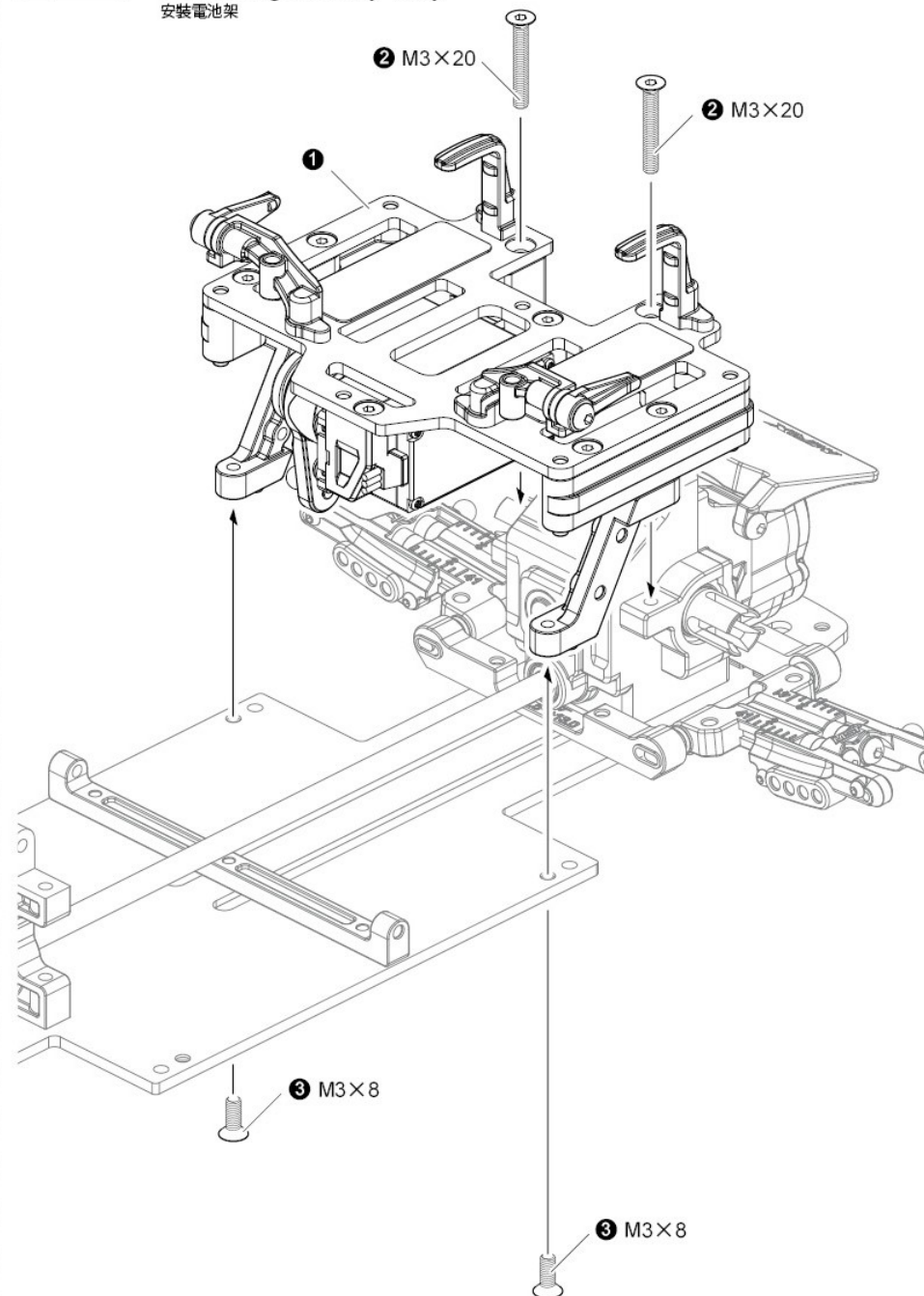
Anno. 2 註2

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



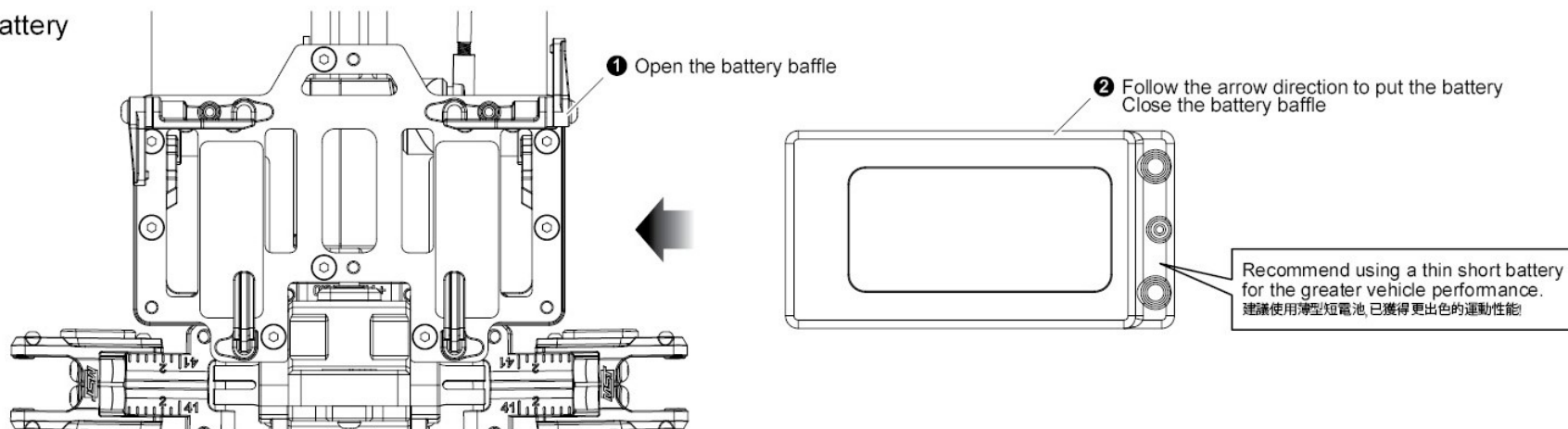
Add 5×7×1.5 spacer for a short battery above 93.5mm length
短型電池長度93.5mm以上請加裝5×7×1.5墊片



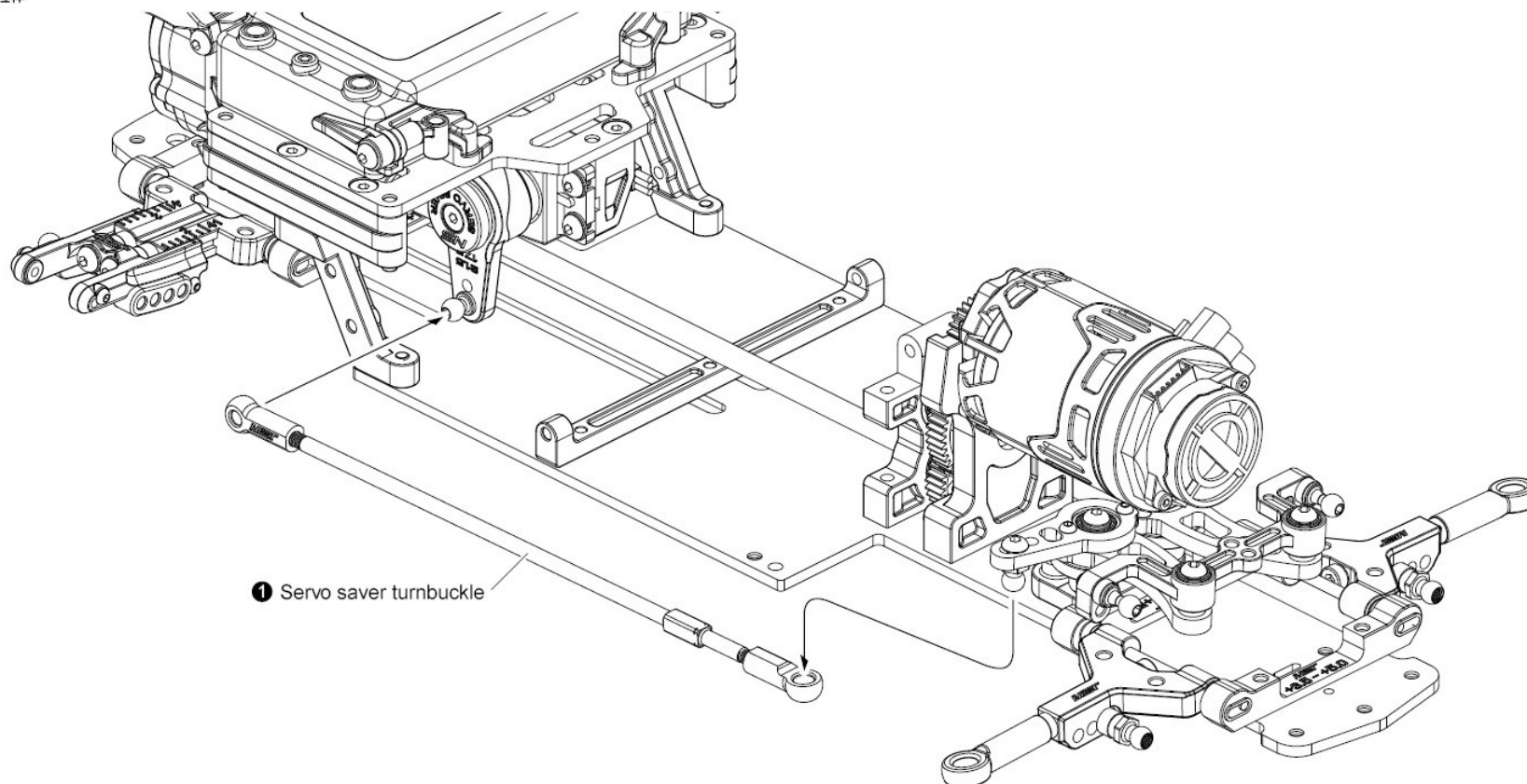
STEP 1 Battery stay assembly
電池架組裝M3×8 screw ×4
沉頭螺絲M3×18 screw ×2
沉頭螺絲M3×20 screw ×2
沉頭螺絲**STEP 2** Attaching battery stay
安裝電池架

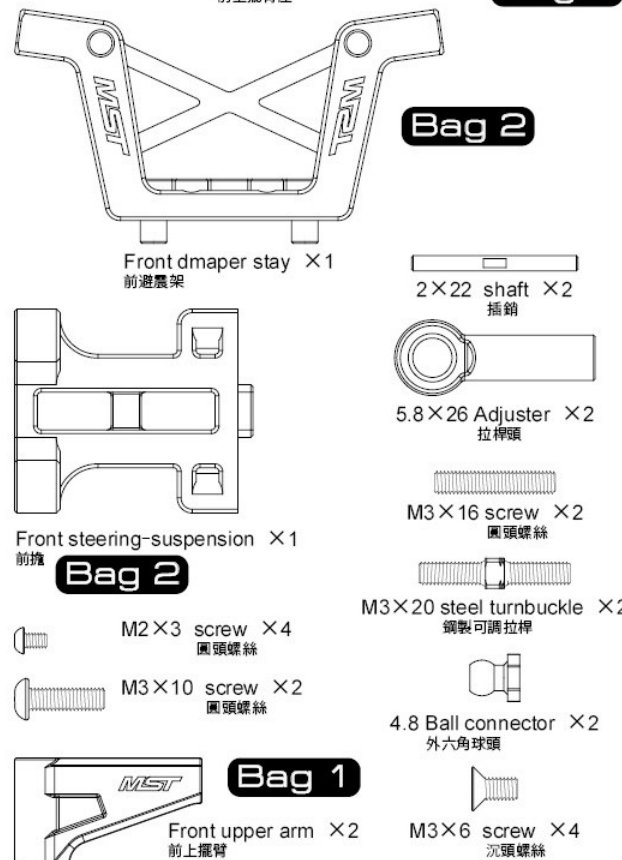
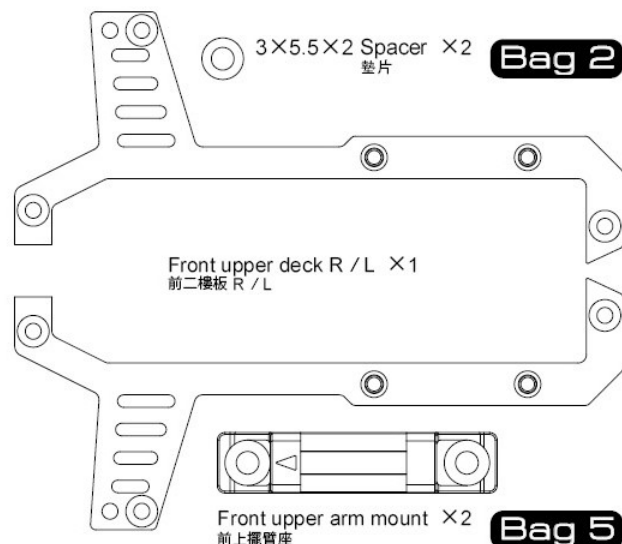
STEP 1 Attaching battery

安裝電池

**STEP 2** Attaching servo saver turnbuckle

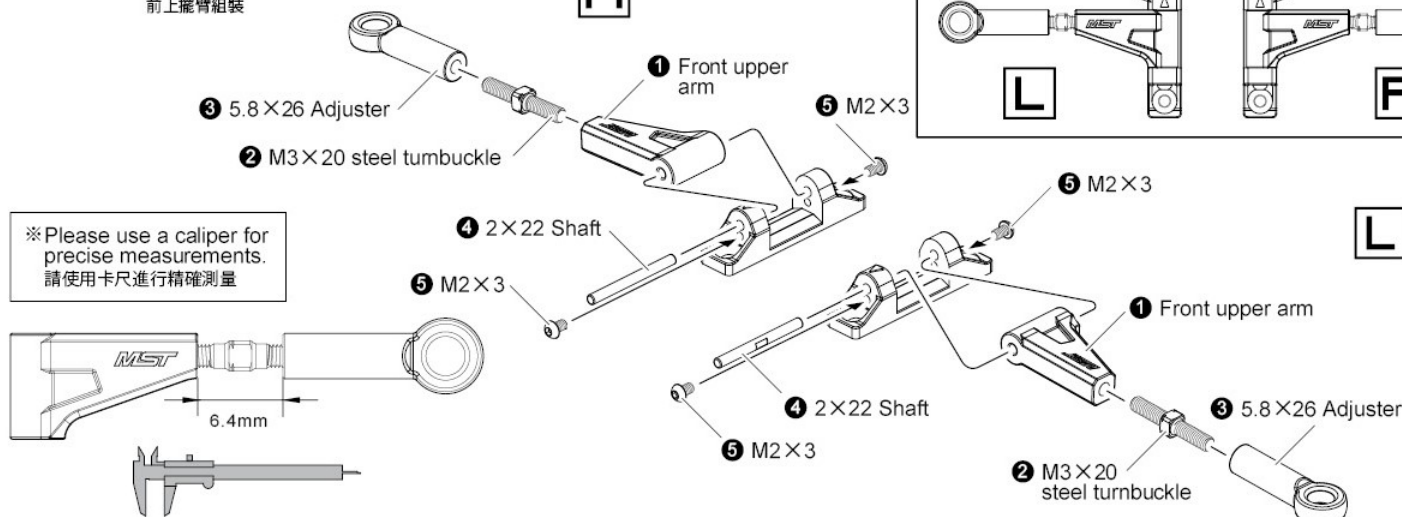
安裝伺服拉桿





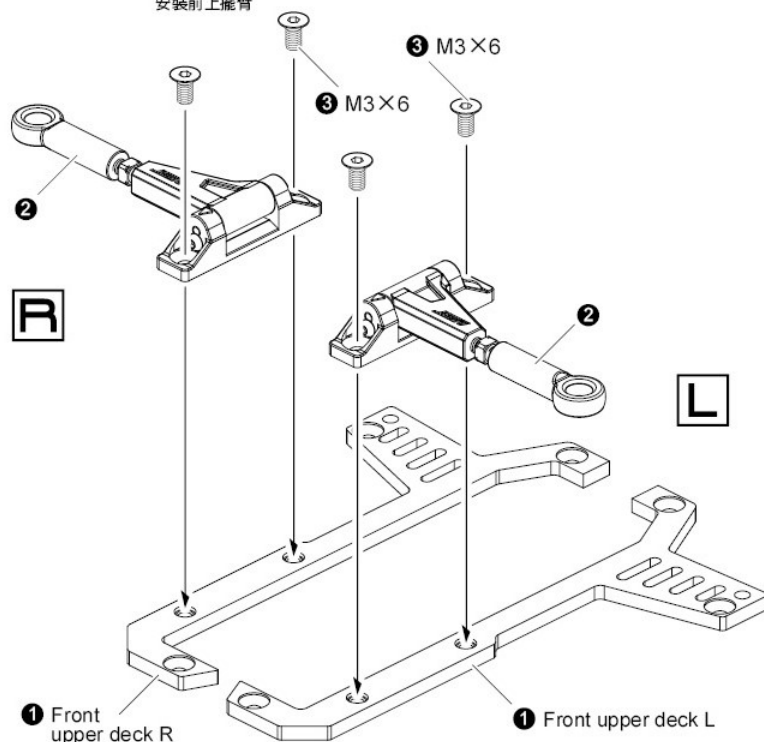
STEP 1 Front upper arm assembly

前上擺臂組裝



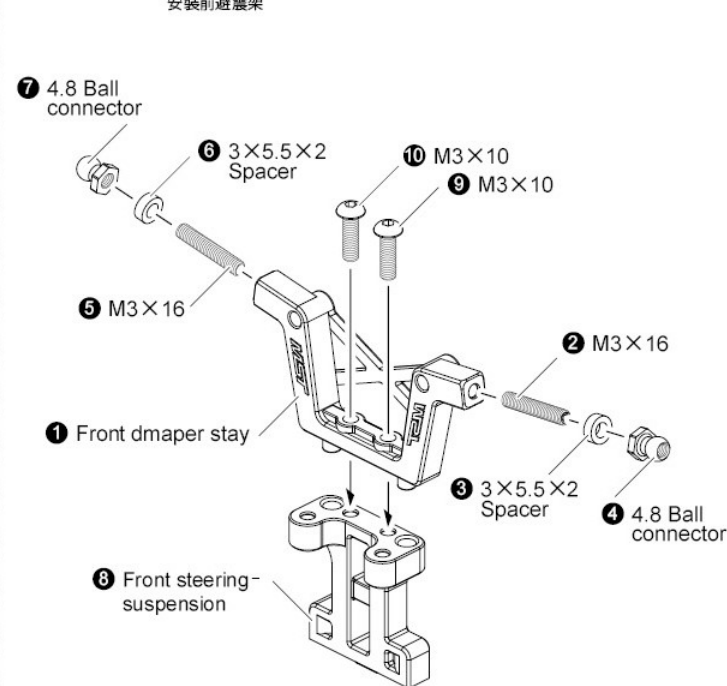
STEP 2 Attaching front upper arm

安裝前上擺臂

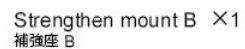


STEP 3 Attaching front damper stay

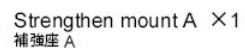
安裝前避震架



前上擺臂組裝



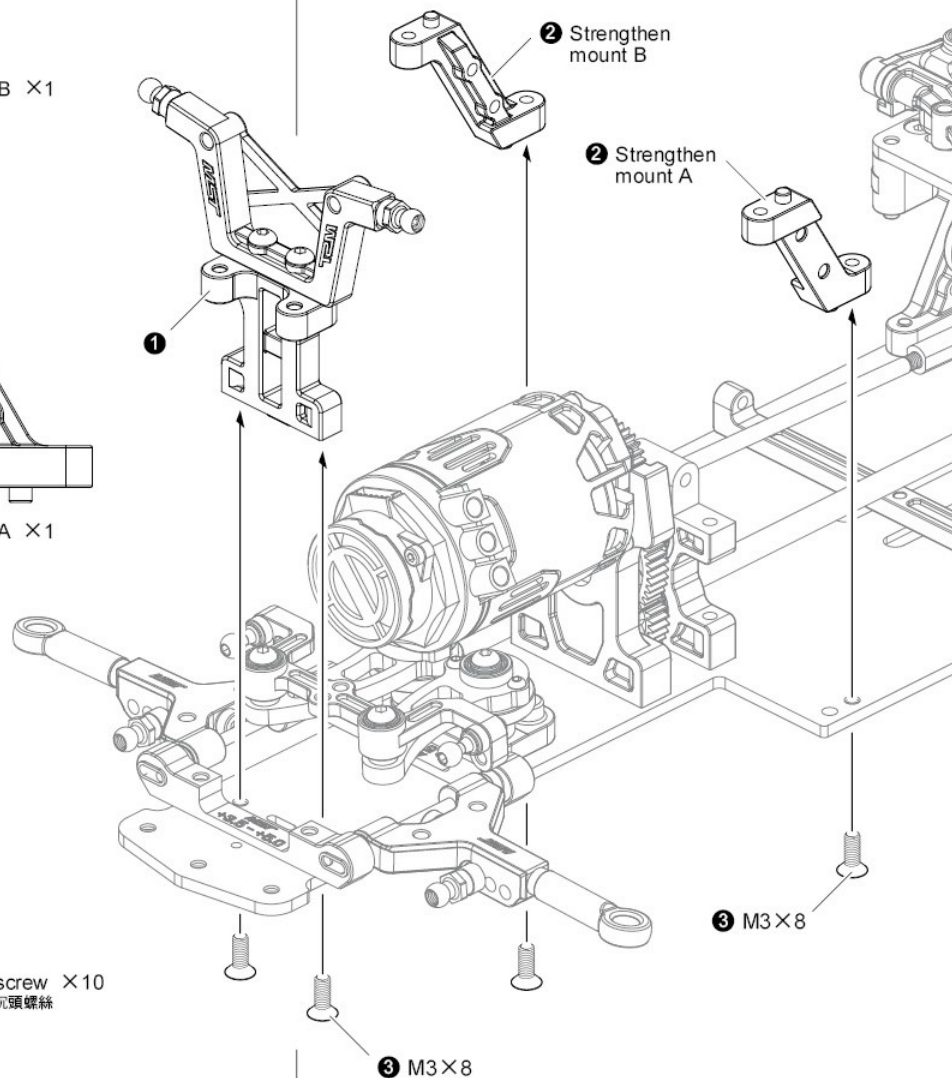
Bag 5



Bag 5



M3 X 8 screw X 10
沉頭螺絲



安裝前上擺臂

