

**MST**  
MAX SPEED TECHNOLOGY

# FMX-D

1/10 DRIFT CHASSIS

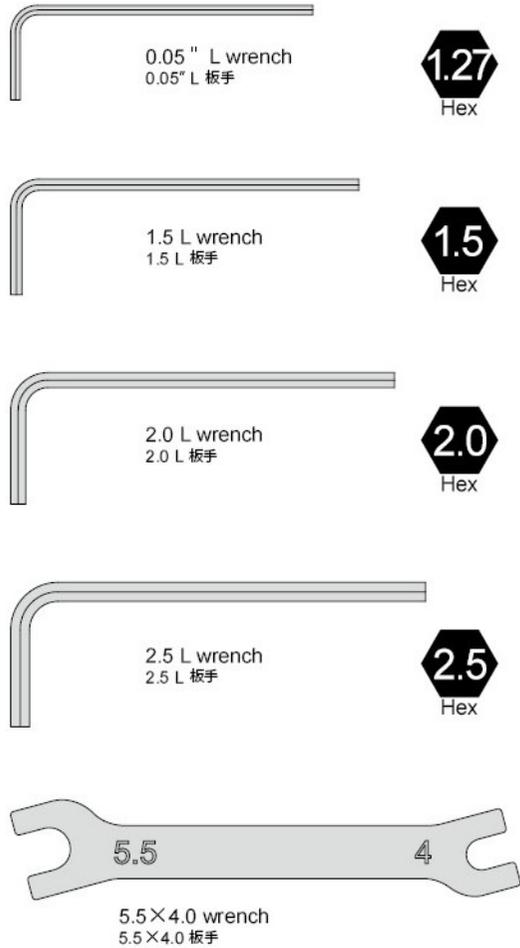
## INSTRUCTION MANUAL

ON ROAD USE ONLY  
FULL BALL BEARINGS

WHEELBASE : STANDARD 257mm (adjustable)  
WIDTH : STANDARD 190mm (adjustable)  
GEAR RATIO : 3.08 (40T/13T)  
CASTER : 8 degrees  
CAMBER : 0 to -12 degrees

[www.rc-mst.com](http://www.rc-mst.com)

\*SPECIFICATION ARE SUBJECT TO CHANGE WITHOUT NOTICE



1.27  
Hex

1.5  
Hex

2.0  
Hex

2.5  
Hex



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

5.5 7.0



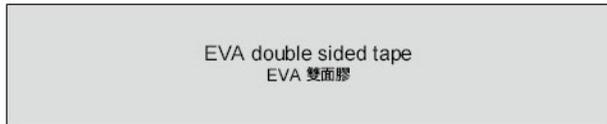
3×35 shaft ×1  
3×35 插銷



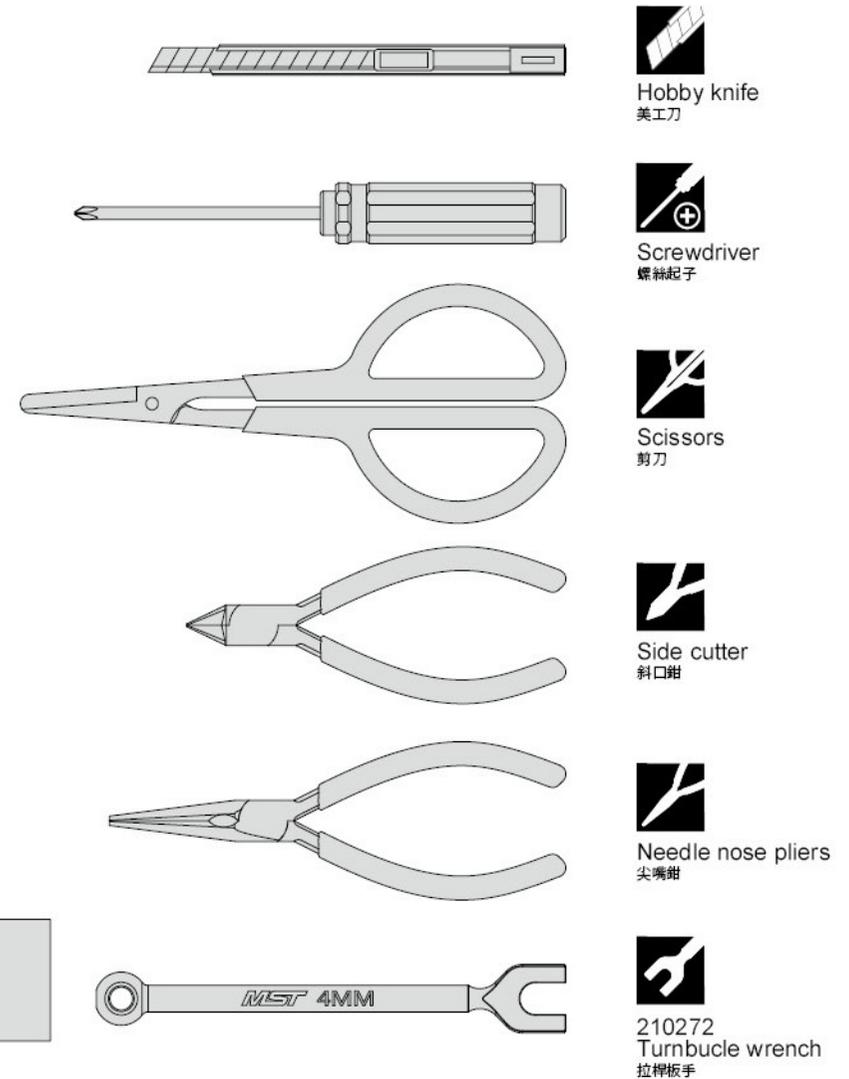
M3×3 screw ×2  
M3×3 止付螺絲



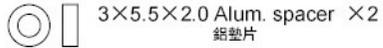
R-clip ×4  
R形扣



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



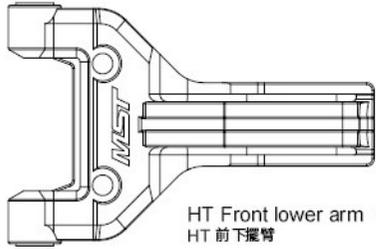
Please follow the assembling figures and instructions closely for your [ FMX-D ] best performance!  
請依照說明書圖示步驟安裝以發揮 [FMX-D] 最好效能!



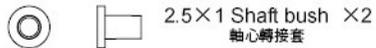
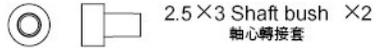
Suspension mount +0.5 x2  
下擺臂座 +0.5



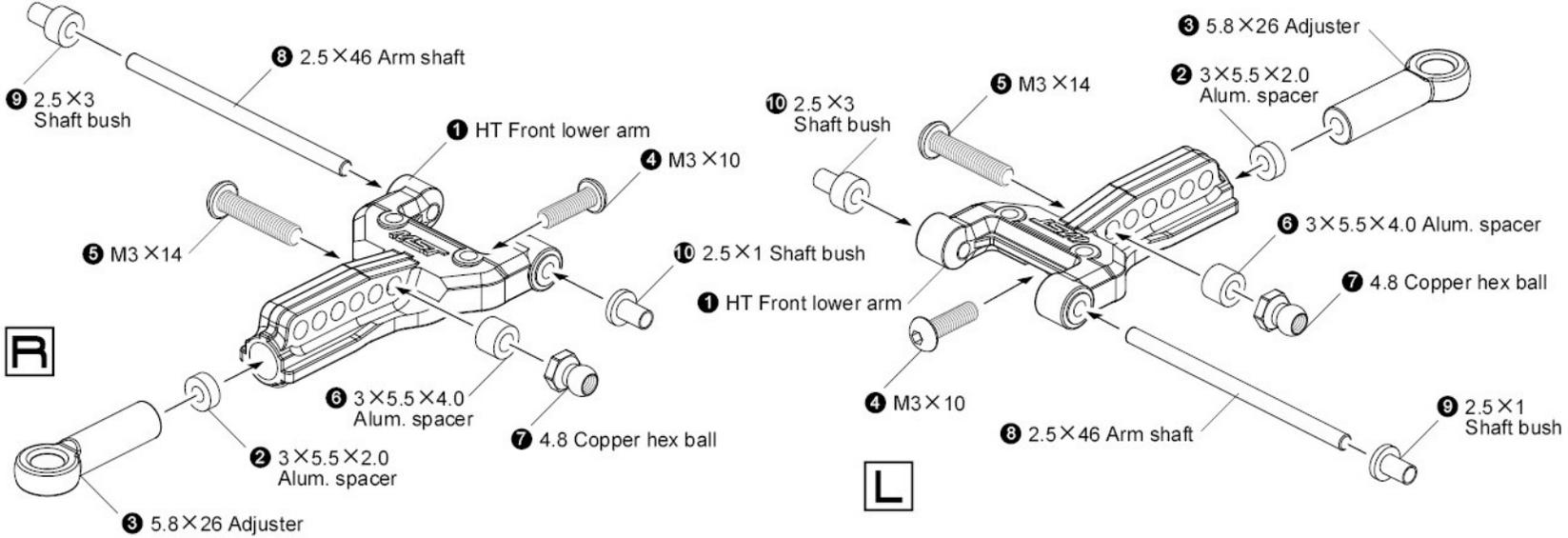
2.5x46 Arm shaft x2  
擺臂插銷



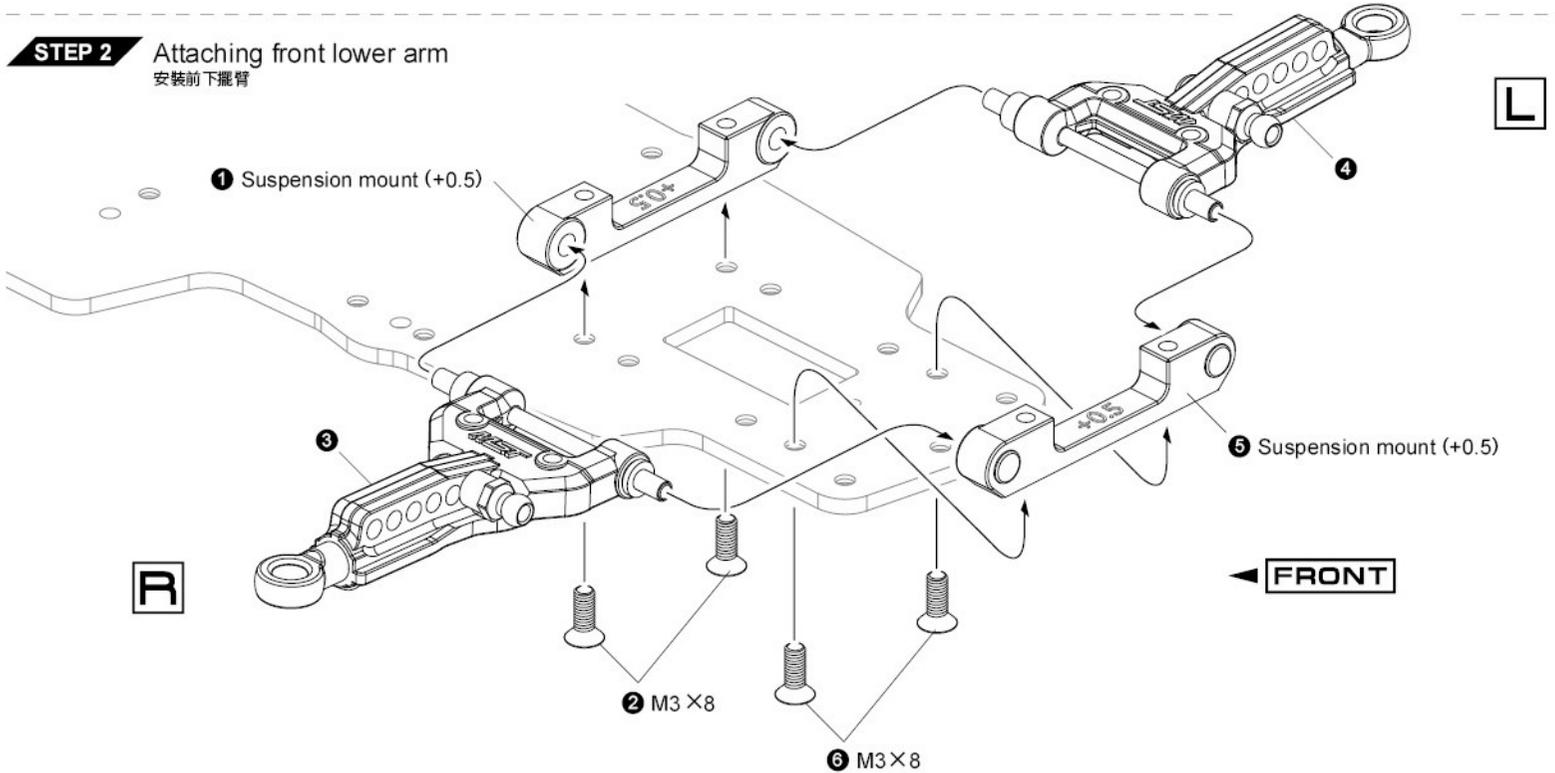
HT Front lower arm x2  
HT 前下擺臂

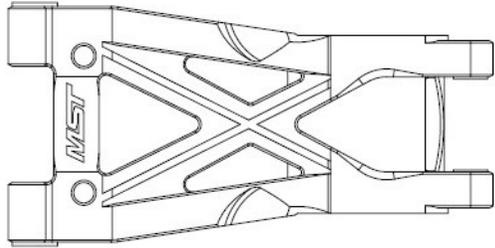


**STEP 1** Front lower arm assembly  
前下擺臂組裝



**STEP 2** Attaching front lower arm  
安裝前下擺臂





HT Rear lower arm ×2  
HT 後下擺臂



Suspension mount -0.5 ×1  
下擺臂座 -0.5



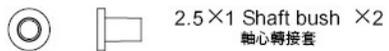
Suspension mount +2.5 ×1  
下擺臂座 +2.5



2.5×46 Arm shaft ×2  
擺臂插銷



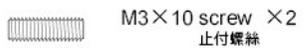
2.5×3 Shaft bush ×2  
軸心轉接套



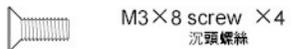
2.5×1 Shaft bush ×2  
軸心轉接套



4.8 Copper hex ball ×2  
銅製外六角球頭

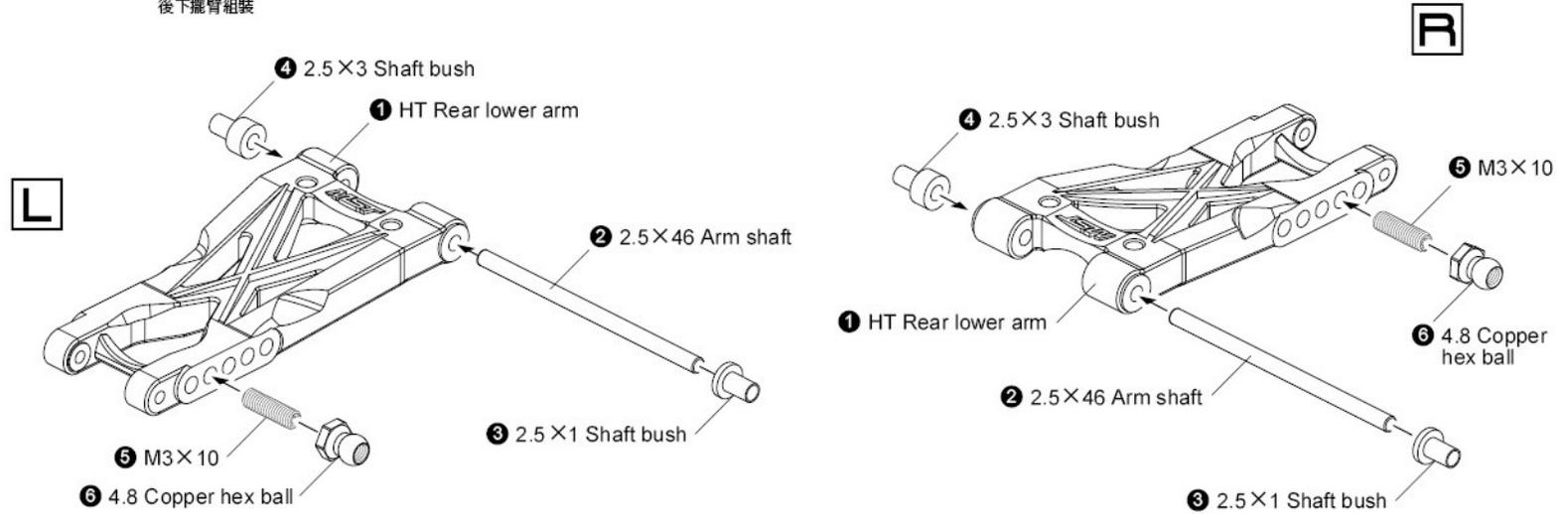


M3×10 screw ×2  
止付螺絲

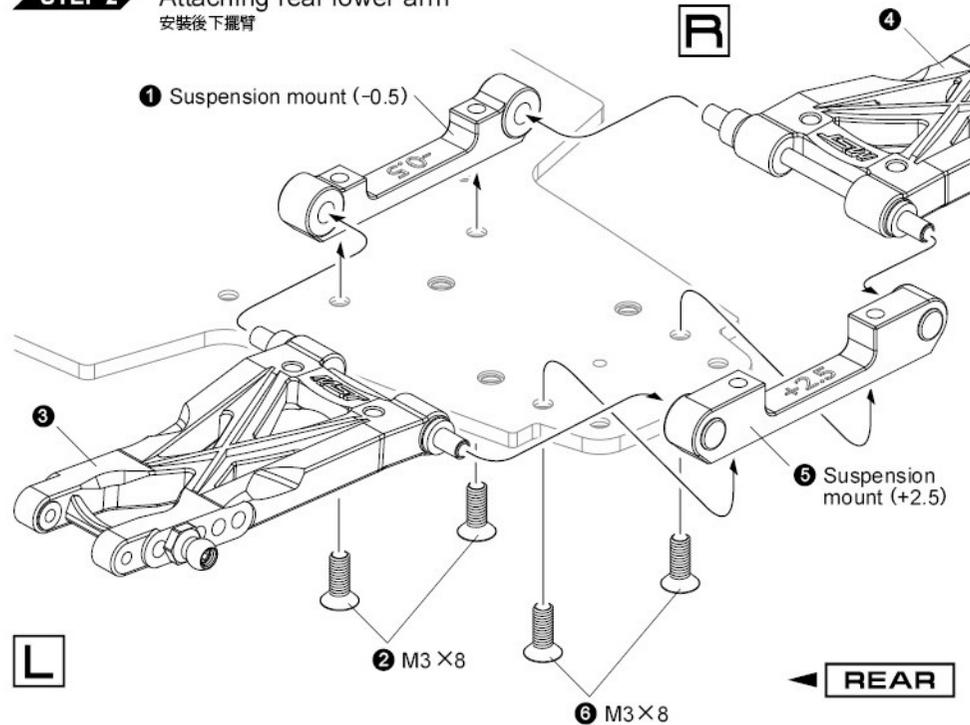


M3×8 screw ×4  
沉頭螺絲

**STEP 1** Rear lower arm assembly  
後下擺臂組裝



**STEP 2** Attaching rear lower arm  
安裝後下擺臂



### REAR TOE ANGLE SETTING

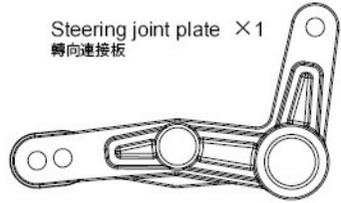
Standard Setting 3°

position : RF

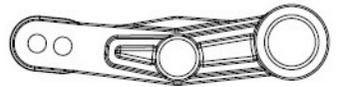
position : RR



Steering joint plate ×1  
轉向連接板



Steering arm A ×1  
轉向搖臂A



Steering arm B ×1  
轉向搖臂B

3×5.5×3.0 Alum. spacer ×1  
鋁墊片

4.8 Copper hex ball ×2  
銅製外六角球頭

4.8 Ball connector L ×1  
外六角球頭(長)

Steering arm post ×2  
轉向搖臂支柱

M3×6 screw ×2  
圓頭螺絲

M3×6 screw ×2  
有頭螺絲

M3×14 screw ×1  
圓頭螺絲

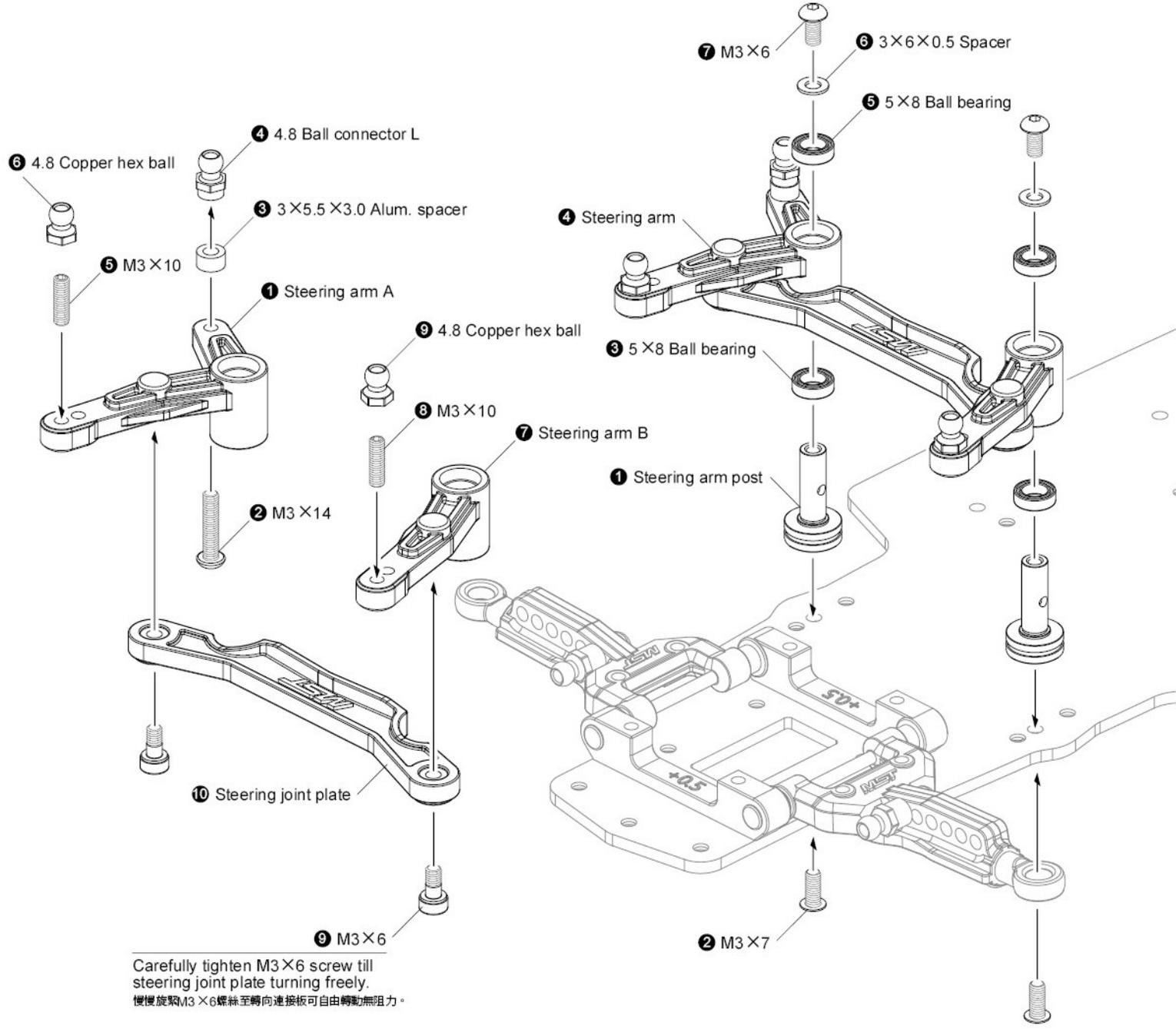
M3×10 screw ×2  
止付螺絲

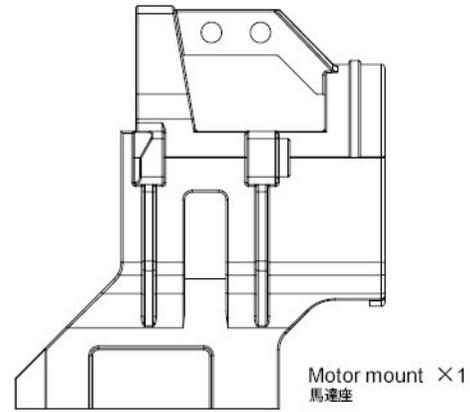
M3×7 screw ×2  
十字扁頭螺絲

3×6×0.5 Spacer ×2  
墊片

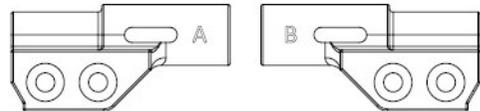
5×8 Ball bearing ×4  
培林

STEP 1 Attaching steering arm  
安裝轉向搖臂組





Motor mount ×1  
馬達座



Front upper arm A ×1  
前上擺臂A

Front upper arm B ×1  
前上擺臂B

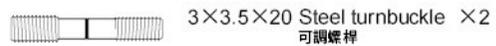


Front upper arm C ×1  
前上擺臂C

Front upper arm D ×1  
前上擺臂D



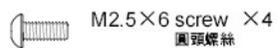
5.8×26 Adjuster ×2  
拉桿頭



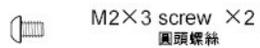
3×3.5×20 Steel turnbuckle ×2  
可調螺桿



2.5×20 Arm shaft ×2  
擺臂插銷



M2.5×6 screw ×4  
圓頭螺絲

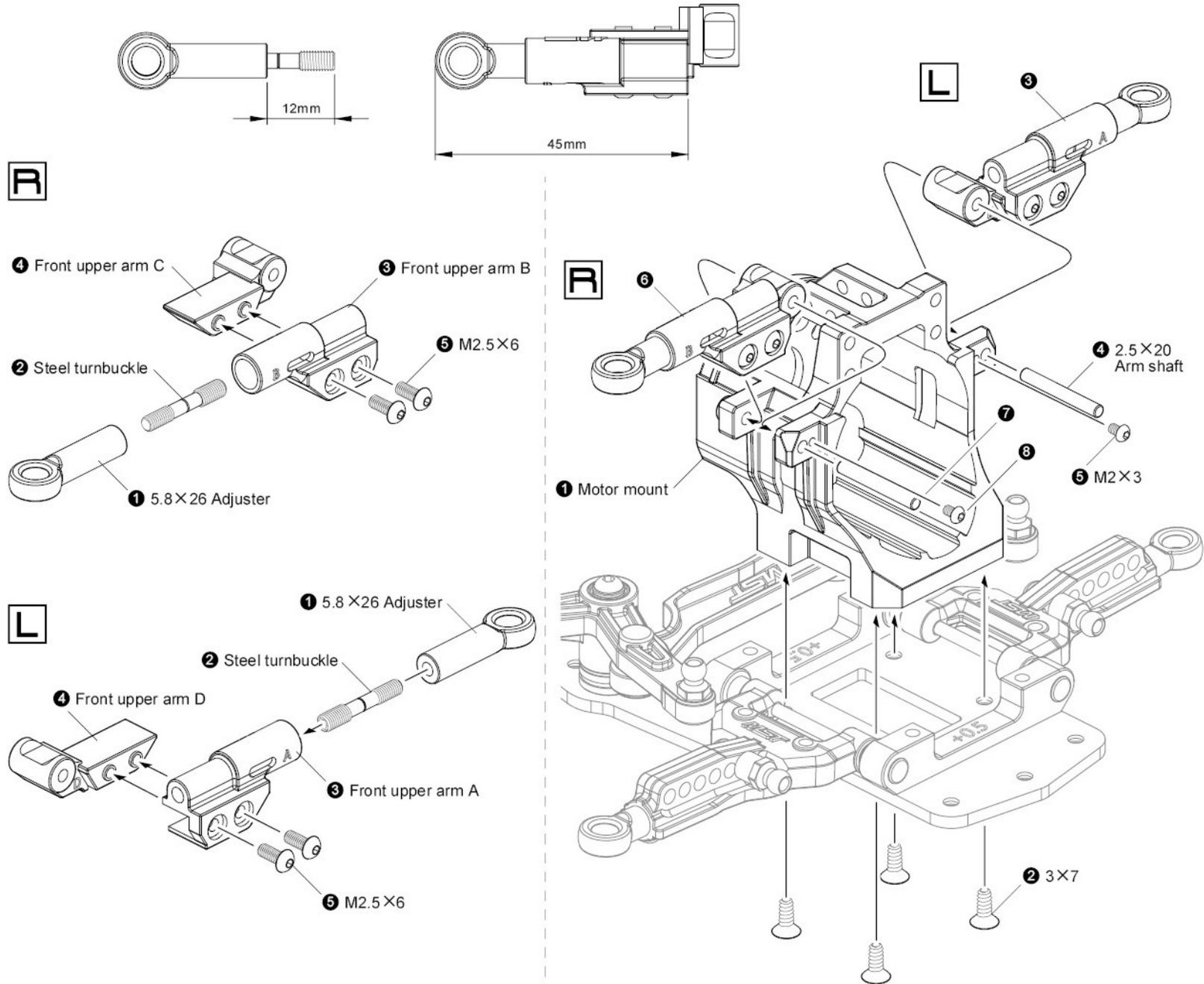


M2×3 screw ×2  
圓頭螺絲

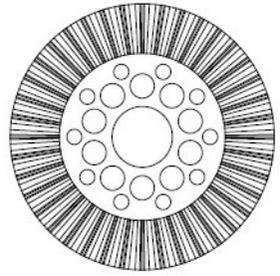


3×7 Screw ×4  
自攻沉頭螺絲

STEP 1 Front upper arm assembly  
前上擺臂組裝



**STEP 1** Rear diff. set assembly  
後滾差組裝



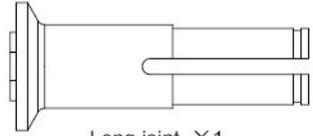
Bevel gear 40T ×1  
滾差壓版



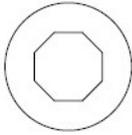
Diff. nut ×1  
滾差螺帽座



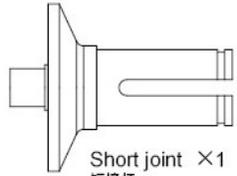
Joint ring ×2  
接杯環



Long joint ×1  
長接杯



Diff. plate ×2  
滾差壓版



Short joint ×1  
短接杯

Steel ball 3.0 ×10  
鋼珠 3.0

Steel ball 1.5 ×8  
鋼珠 1.5



M2.5×30 screw ×1  
有頭螺絲(半牙)

Diff. spring ×1  
滾差彈簧



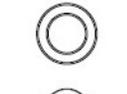
10×15 Ball bearing ×2  
培林



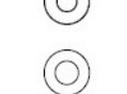
10×12×0.3 Spacer ×1  
墊片



10×12×0.1 Spacer ×1  
墊片



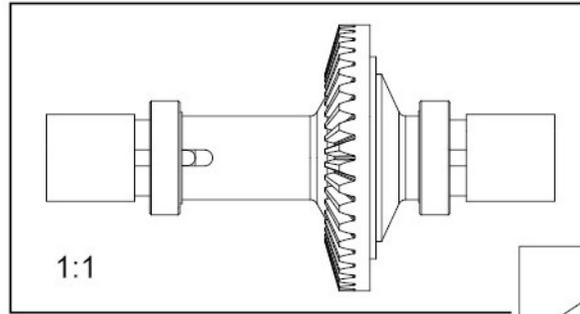
5×8×2.5 Bearing ×2  
軸承



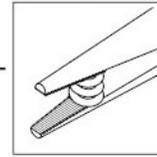
2.5×6 Spacer ×2  
鋼板



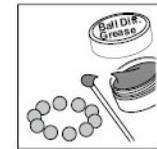
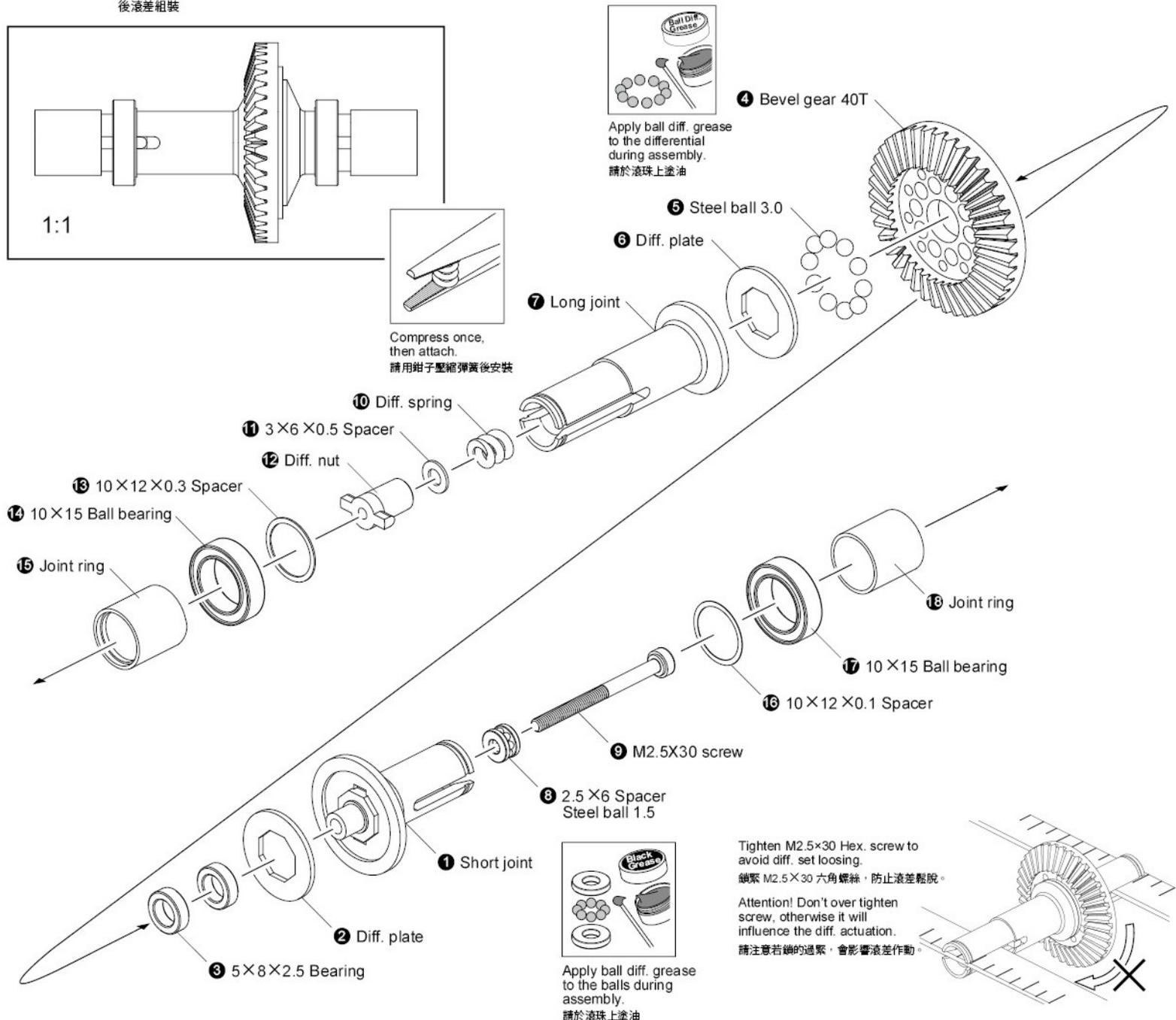
3×6×0.5 Spacer ×1  
墊片



1:1



Compress once,  
then attach.  
請用鉗子壓縮彈簧後安裝



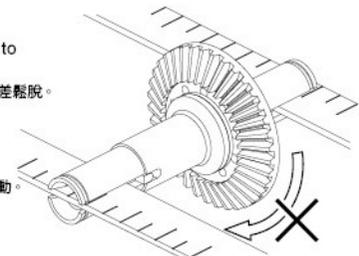
Apply ball diff. grease to the differential during assembly.  
請於滾珠上塗油

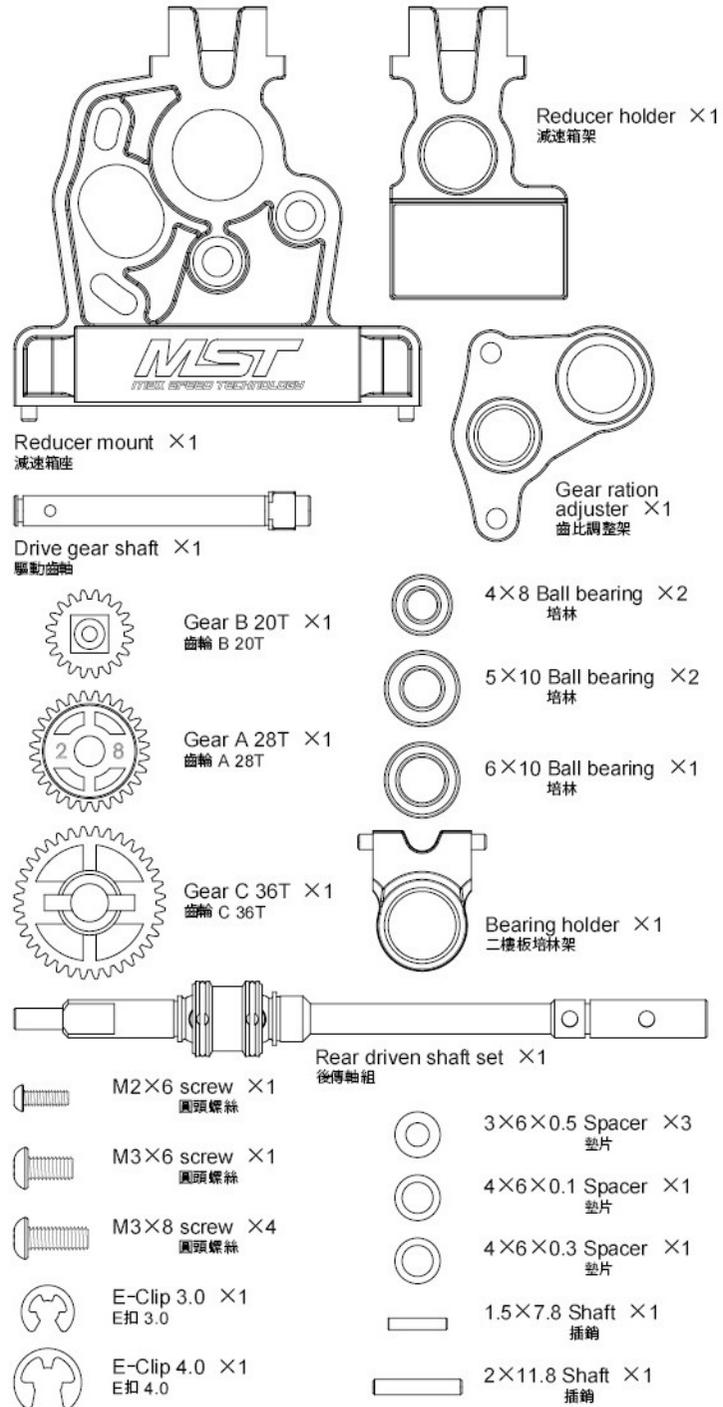


Apply ball diff. grease to the balls during assembly.  
請於滾珠上塗油

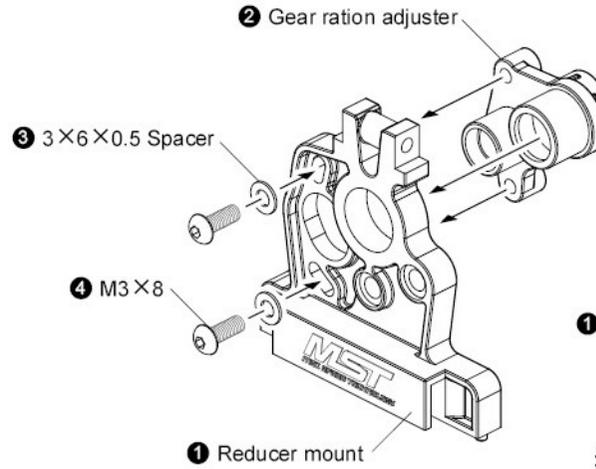
Tighten M2.5×30 Hex. screw to avoid diff. set loosening.  
鎖緊 M2.5×30 六角螺絲，防止滾差鬆脫。

Attention! Don't over tighten screw, otherwise it will influence the diff. actuation.  
請注意若鎖的過緊，會影響滾差作動。

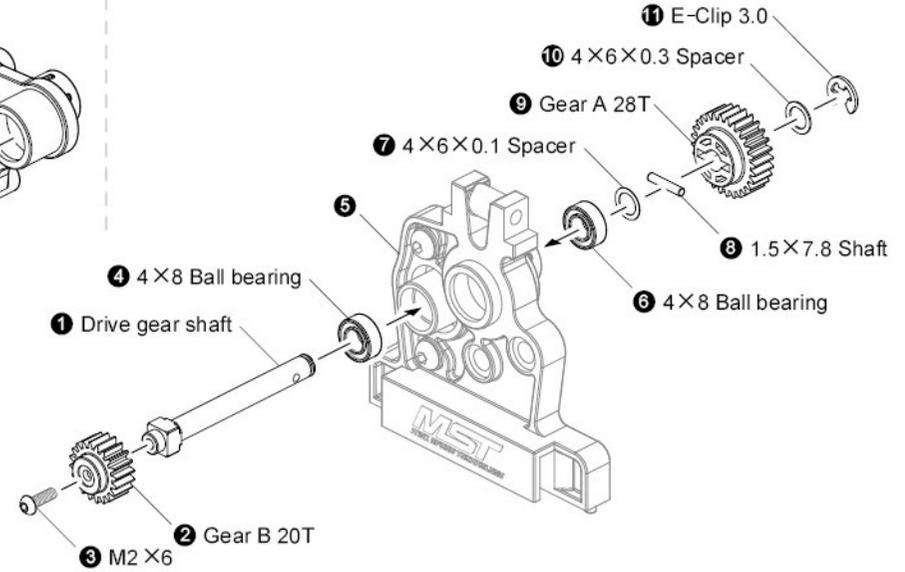




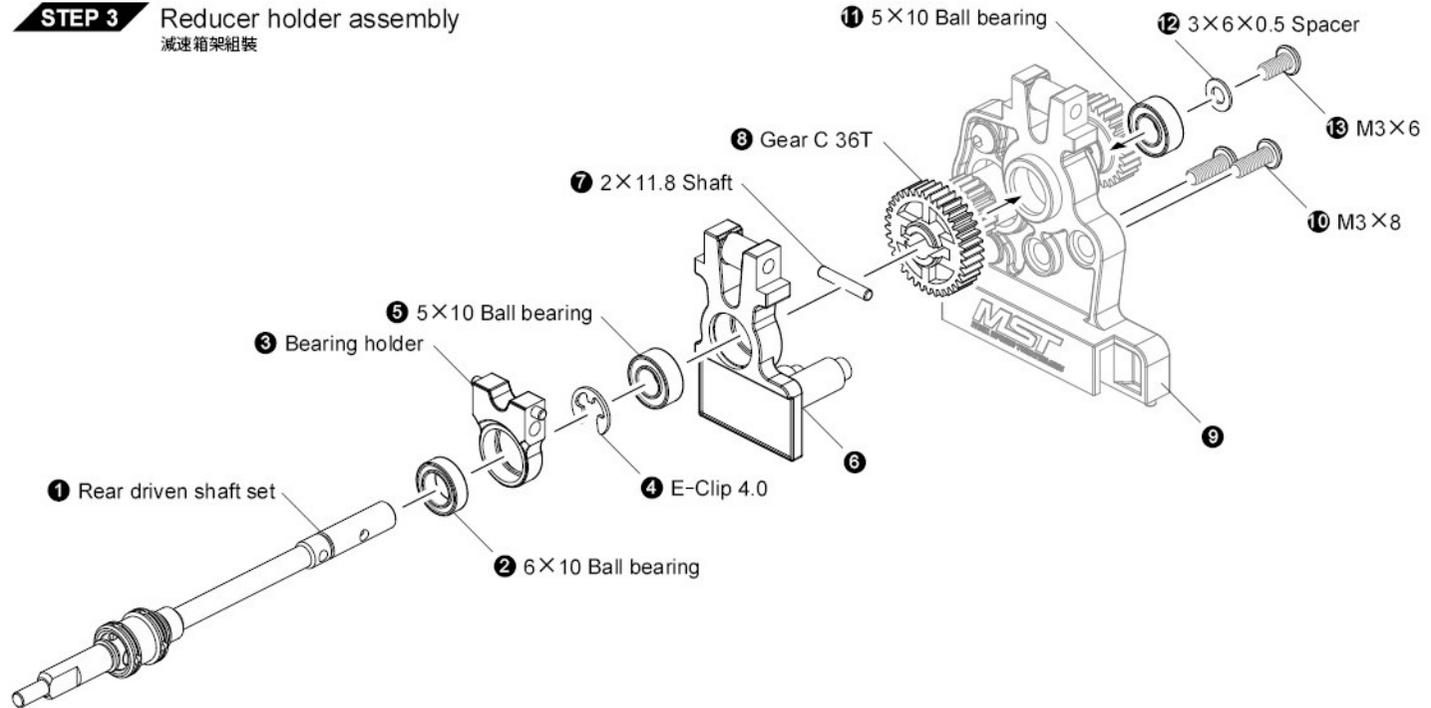
**STEP 1** Gear ration adjuster assembly  
齒比調整架組裝

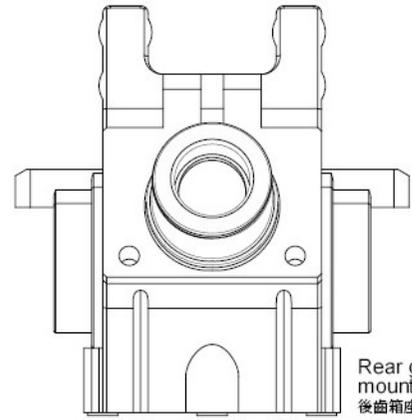


**STEP 2** Drive gear assembly  
驅動齒組裝

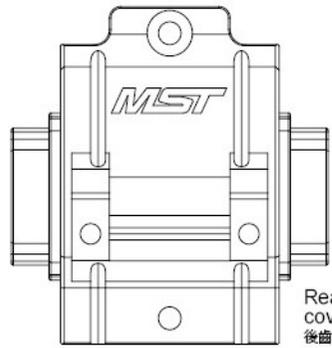


**STEP 3** Reducer holder assembly  
減速箱架組裝





Rear gear box mount ×1  
後齒箱座



Rear gear box cover ×1  
後齒箱蓋



Bevel gear 13T ×1  
傘齒 13T



8×14 Ball bearing ×1  
培林



5×10 Ball bearing ×1  
培林



4.8×4.5 Copper ball connector ×2  
銅製球頭螺絲

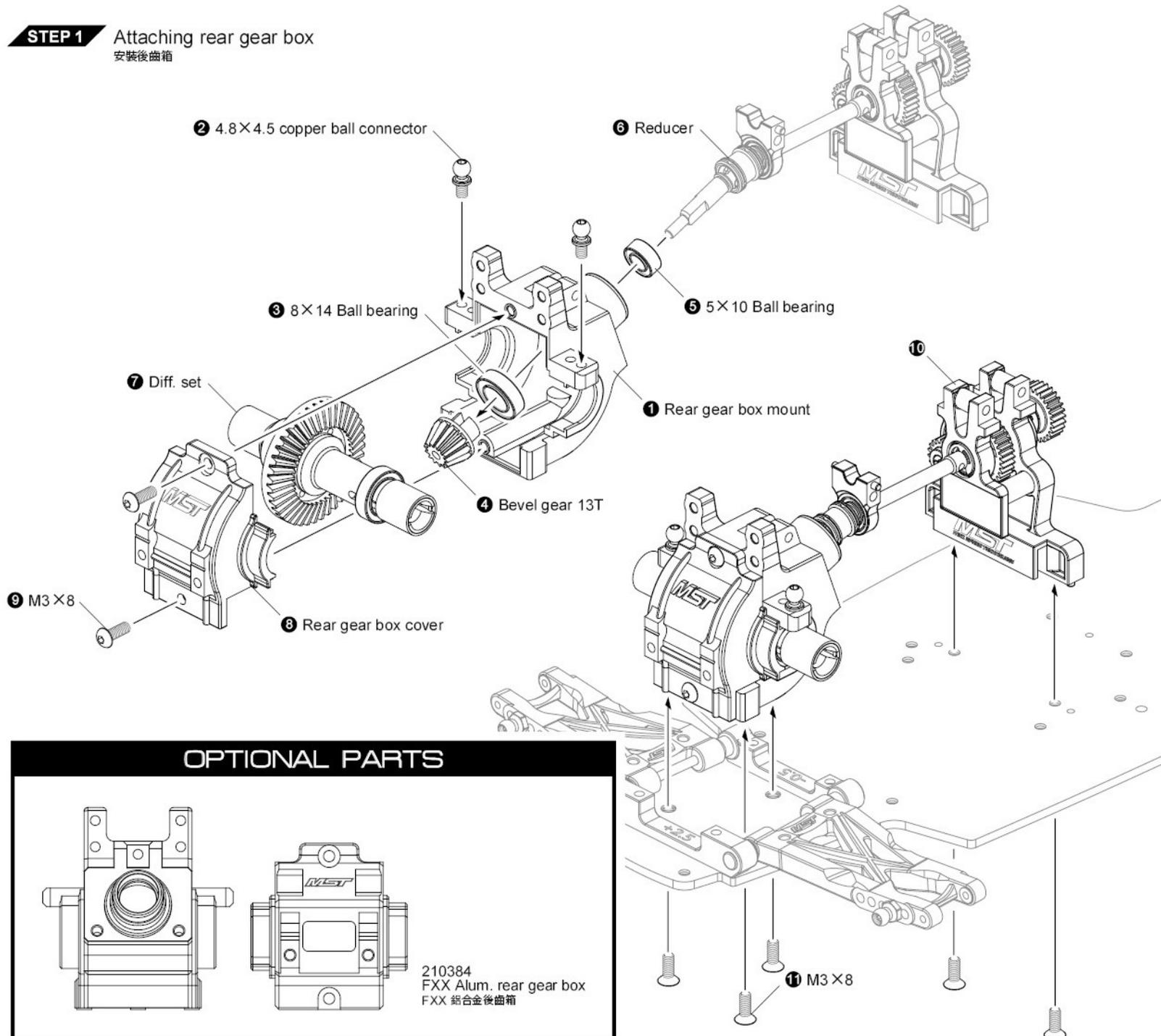


M3×8 screw ×2  
圓頭螺絲

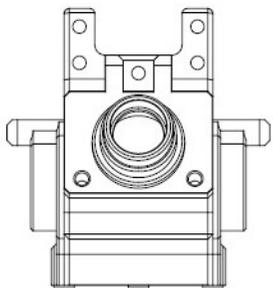
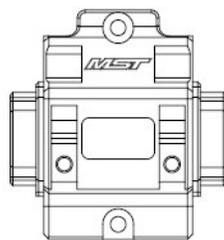


M3×8 screw ×5  
沉頭螺絲

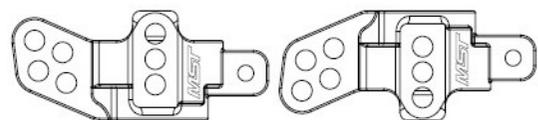
**STEP 1** Attaching rear gear box  
安裝後齒箱



**OPTIONAL PARTS**

210384  
FXX Alum. rear gear box  
FXX 鋁合金後齒箱



KPI upright A ×1  
KPI 輪座 A

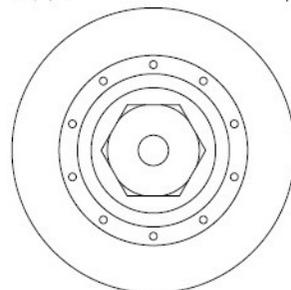
KPI upright B ×1  
KPI 輪座 B



Brake calipers ×2  
煞車卡鉗



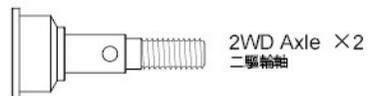
Brake calipers mount ×2  
卡鉗座



Wheel hubs (large)  
(brake disc shaped) ×2  
六角輪座 (大)  
(煞車碟型)



4.8 Adjuster ×4  
拉桿頭



2WD Axle ×2  
二驅輪軸



5×11 Ball bearing ×2  
培林



10×15 Ball bearing ×2  
培林



4.8×4.5 Copper ball connector ×2  
銅製球頭螺絲



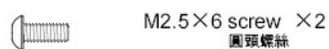
5.8×4 Copper ball connector ×4  
銅製球頭螺絲



M3×10 screw ×2  
止付螺絲



M2×4 screw ×2  
圓頭螺絲



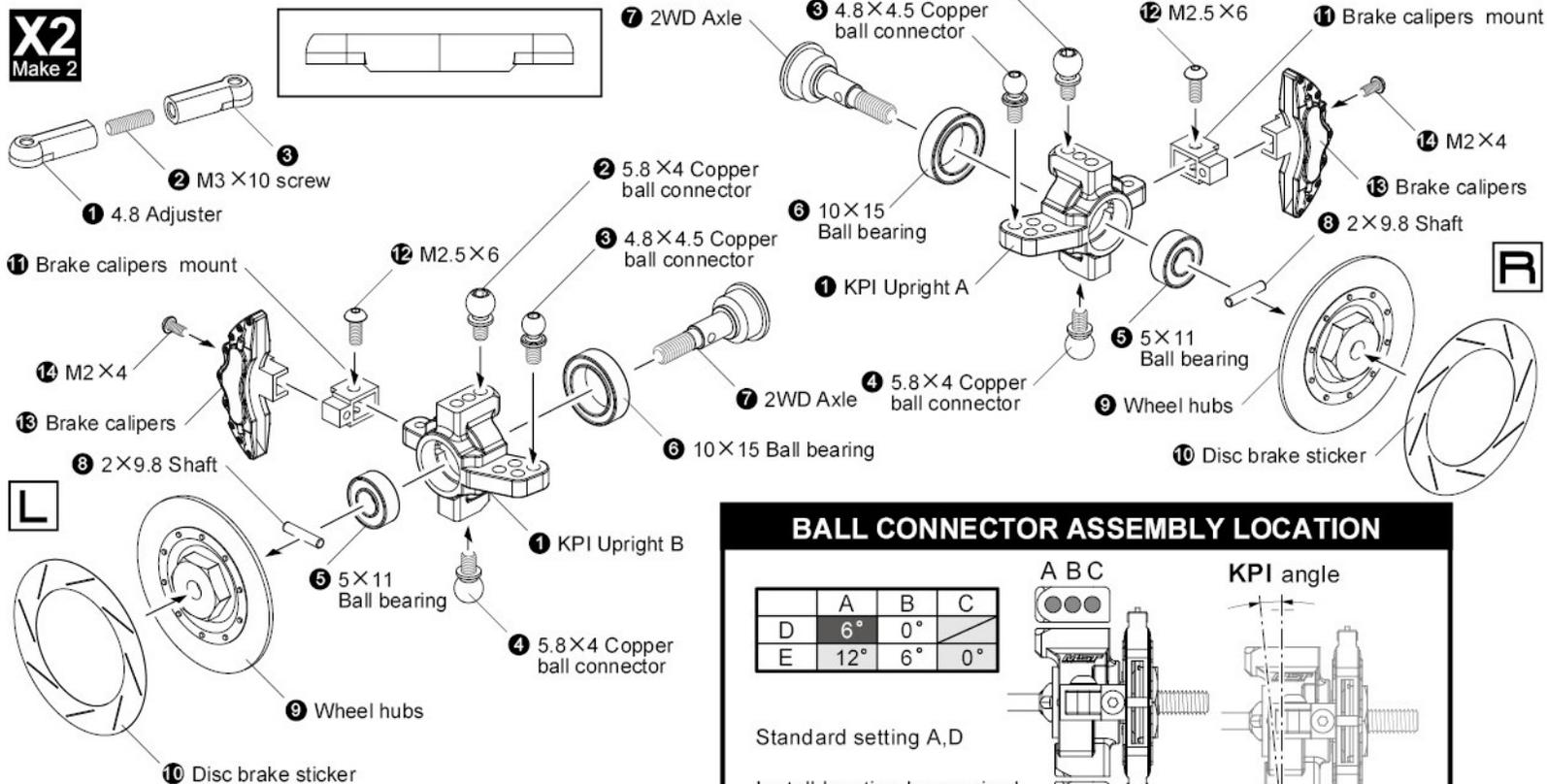
M2.5×6 screw ×2  
圓頭螺絲



2×9.8 Shaft ×2  
插銷

STEP 1 Front axle assembly  
前輪座組裝

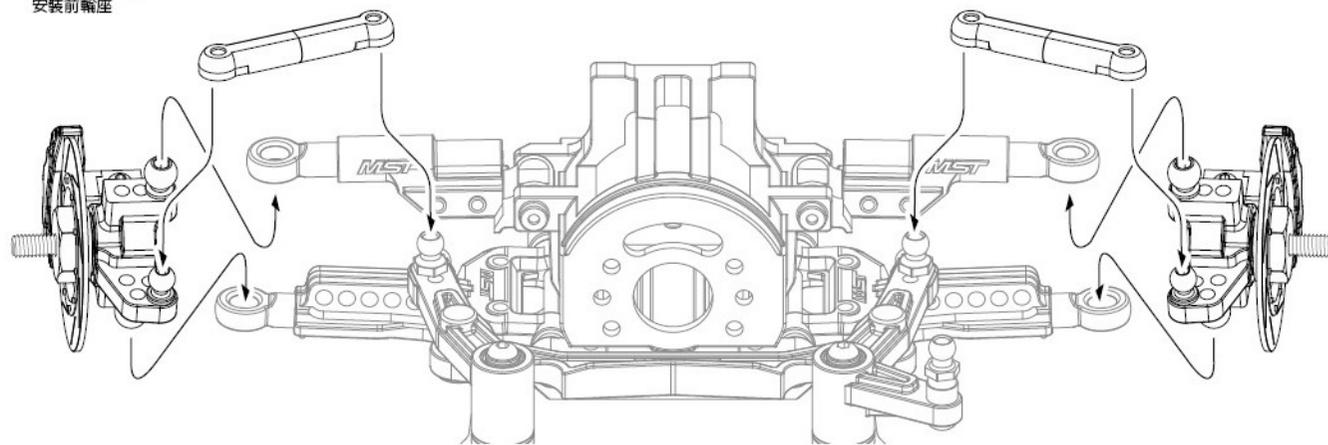
X2  
Make 2



L

STEP 2 Attaching front axle  
安裝前輪座

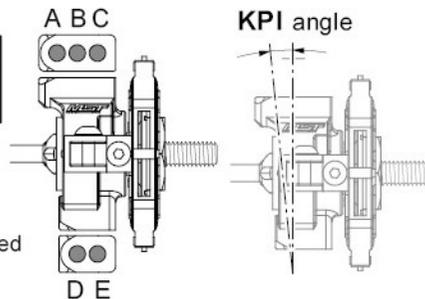
L



R

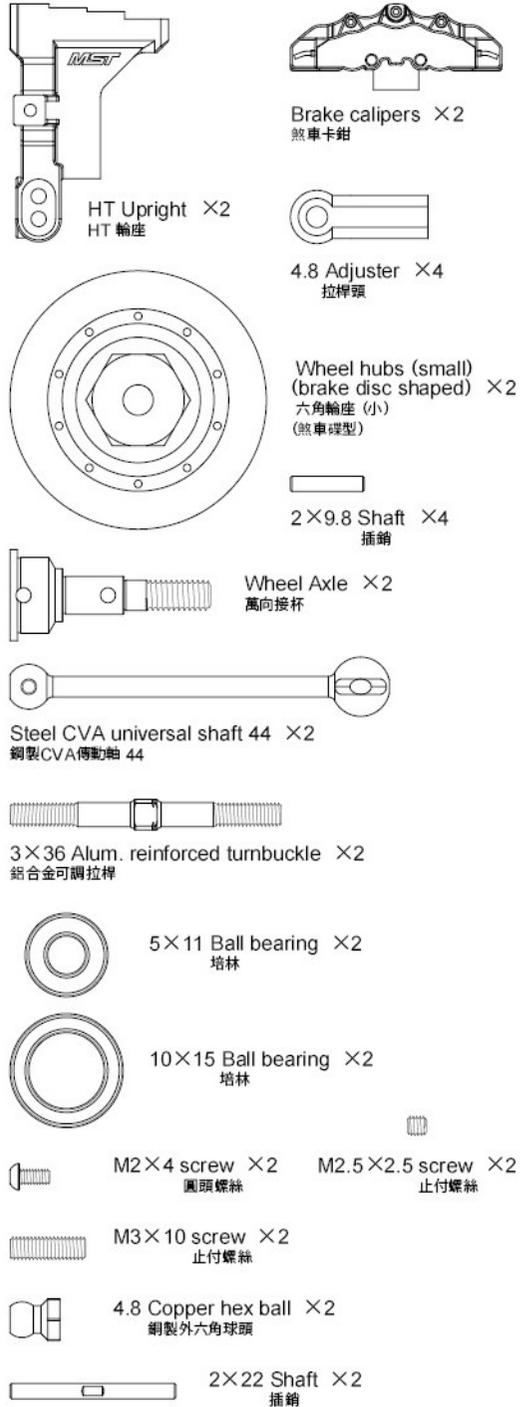
BALL CONNECTOR ASSEMBLY LOCATION

	A	B	C
D	6°	0°	
E	12°	6°	0°

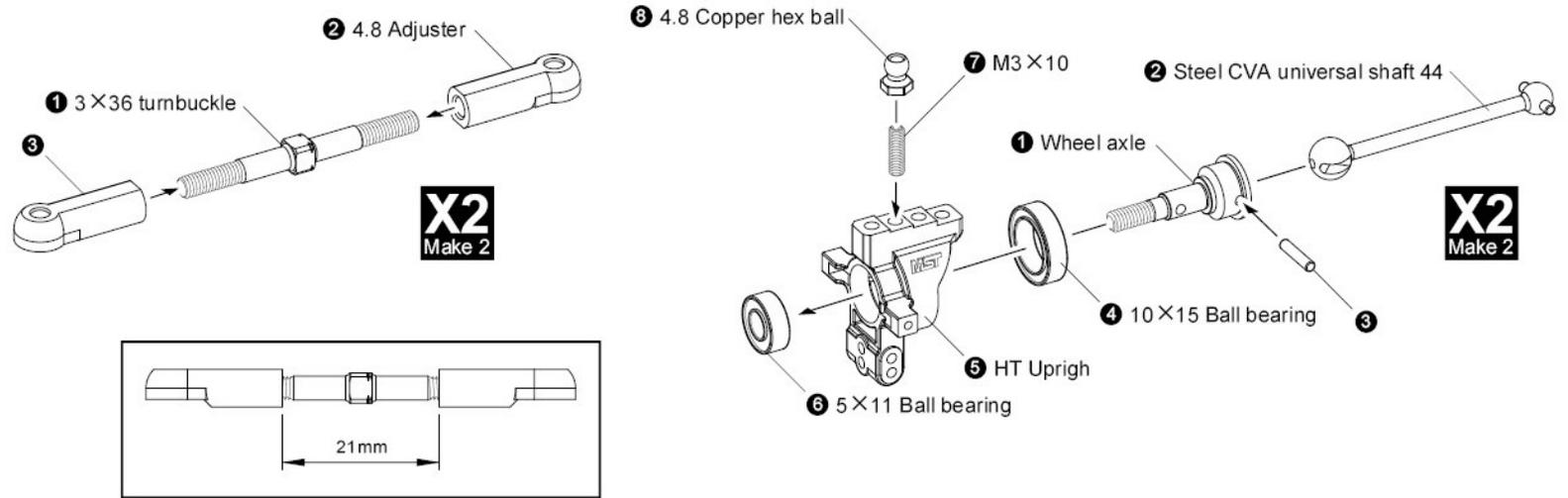


Standard setting A, D

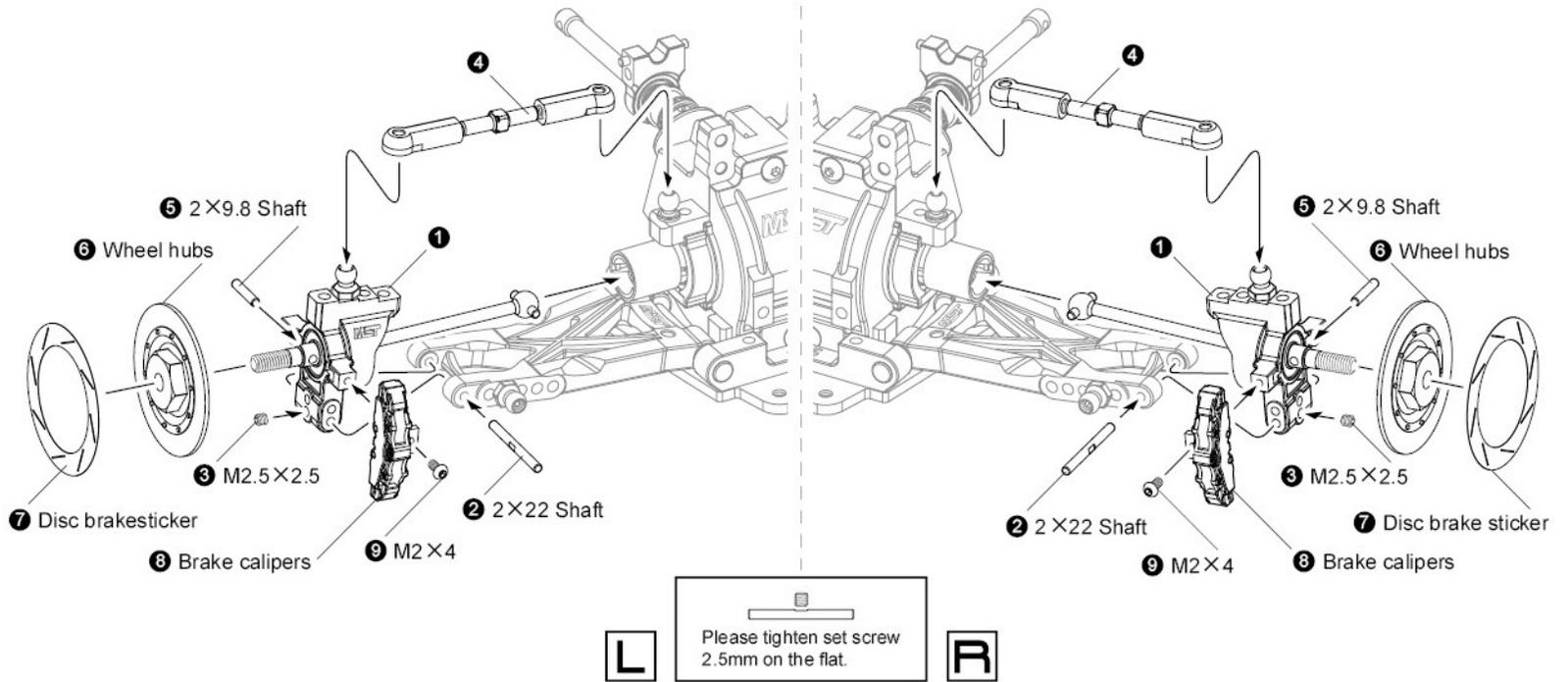
Install location by required  
KPI angle as list.



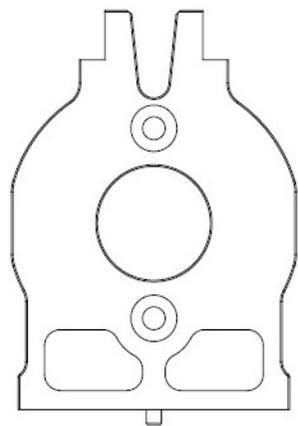
**STEP 1** Rear axle assembly  
後輪座組裝



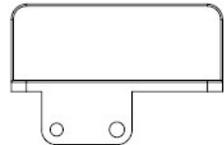
**STEP 2** Attaching rear axle  
安裝後輪座



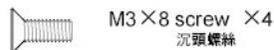
STEP 1 Attaching motor  
安裝馬達



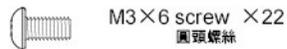
Alum. mid-motor mount ×1  
鋁合金中置馬達座



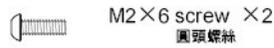
Gyro mount ×1  
陀螺儀座



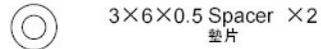
M3×8 screw ×4  
沉頭螺絲



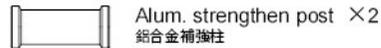
M3×6 screw ×22  
圓頭螺絲



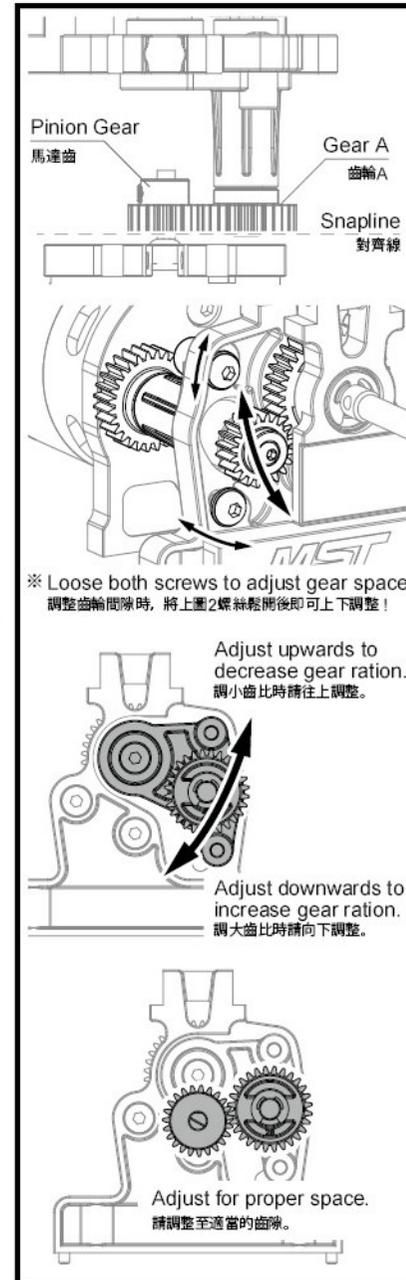
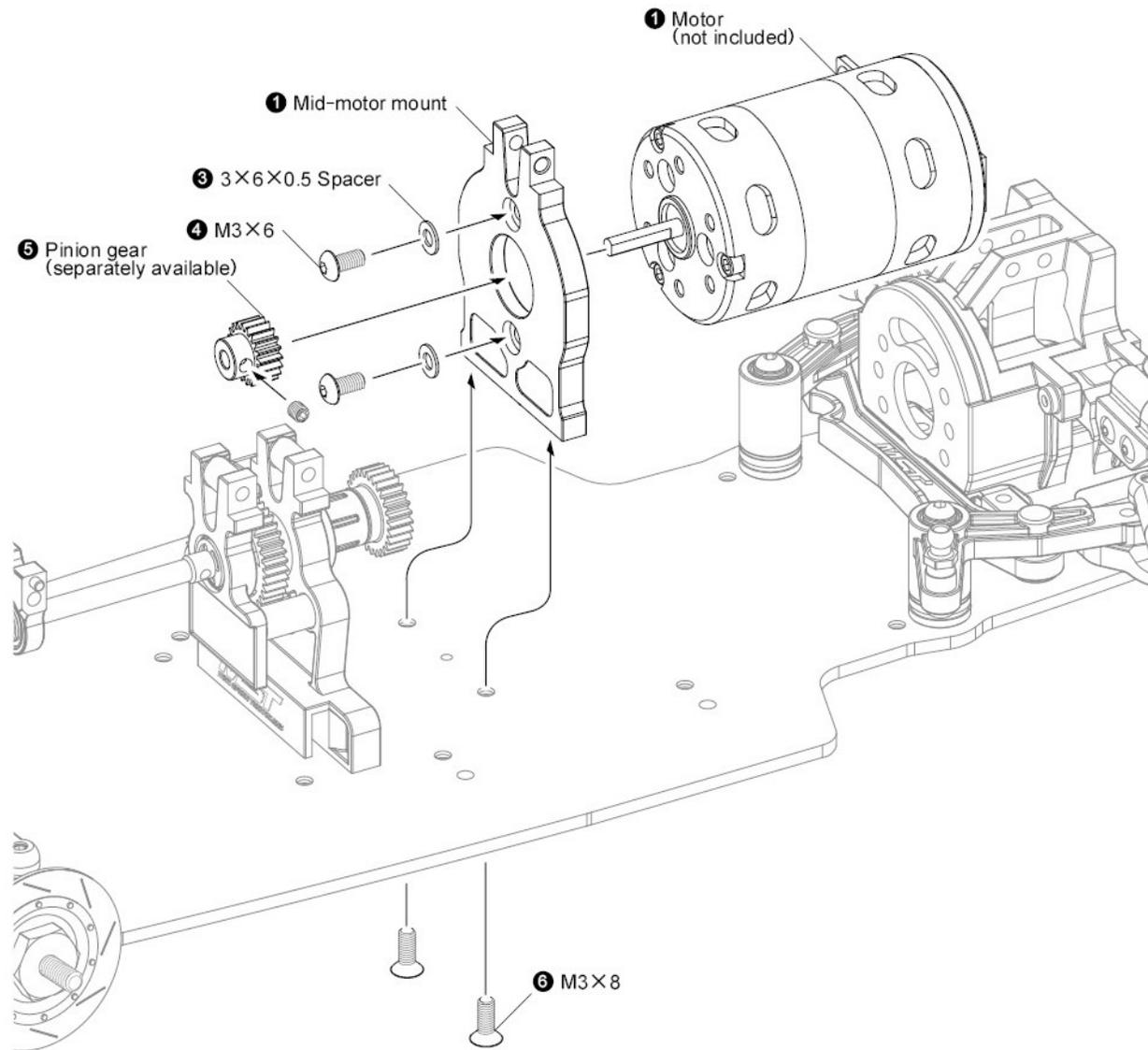
M2×6 screw ×2  
圓頭螺絲



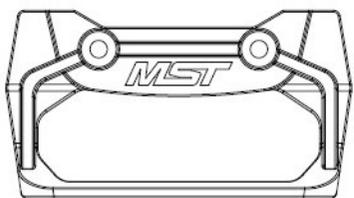
3×6×0.5 Spacer ×2  
墊片



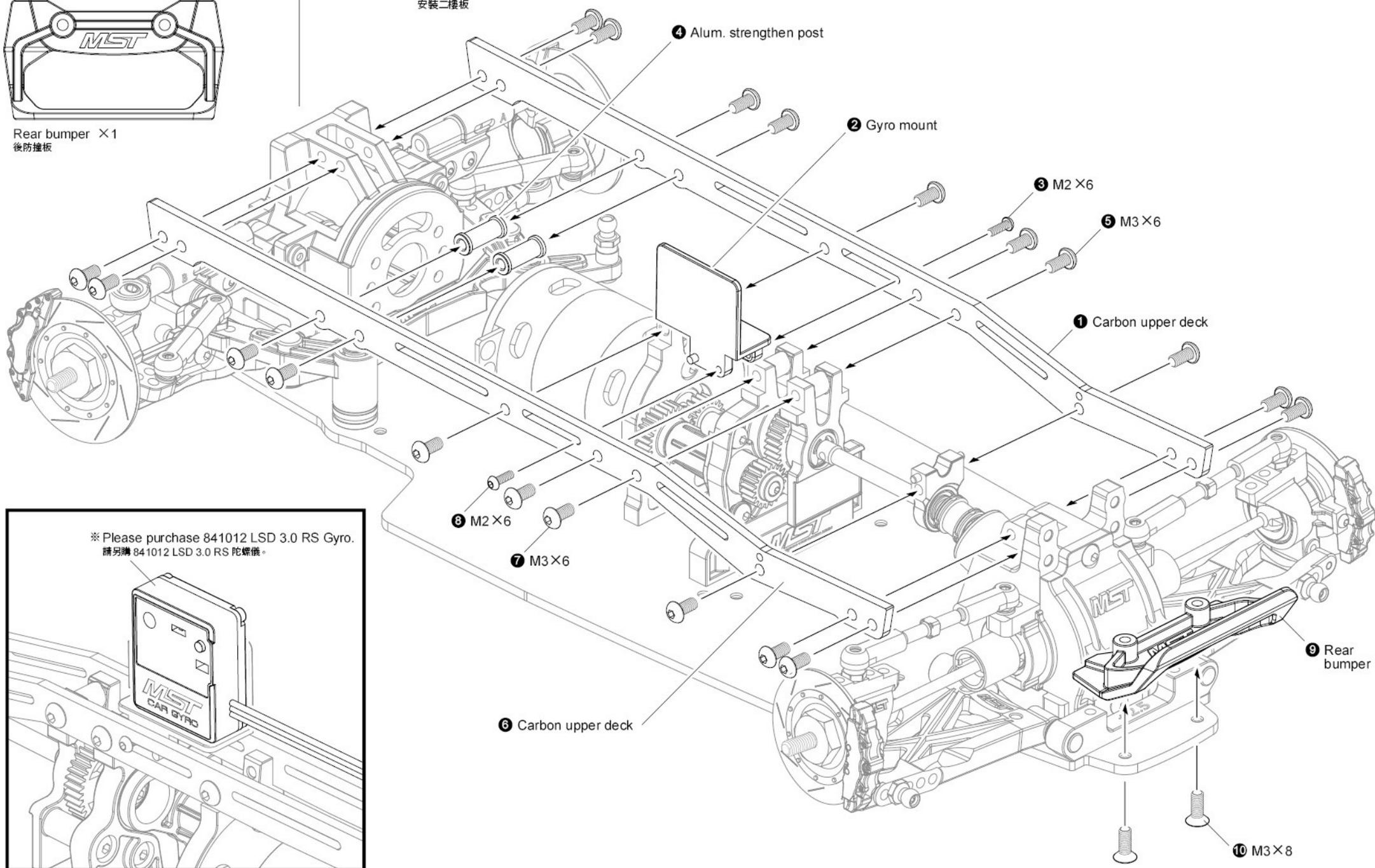
Alum. strengthen post ×2  
鋁合金補強柱



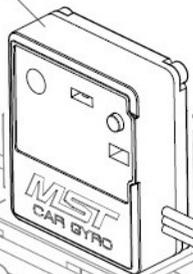
STEP 2 Attaching upper deck  
安裝二樓板

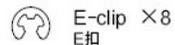
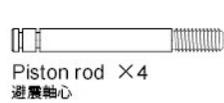
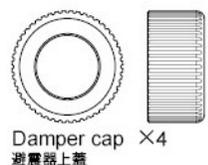
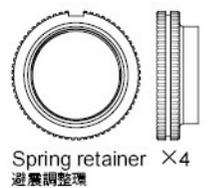
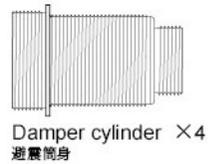
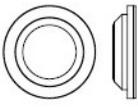
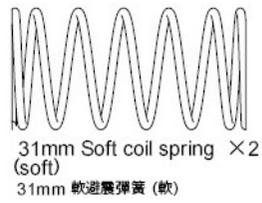
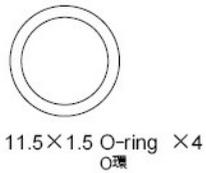
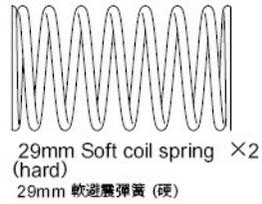


Rear bumper ×1  
後防撞板

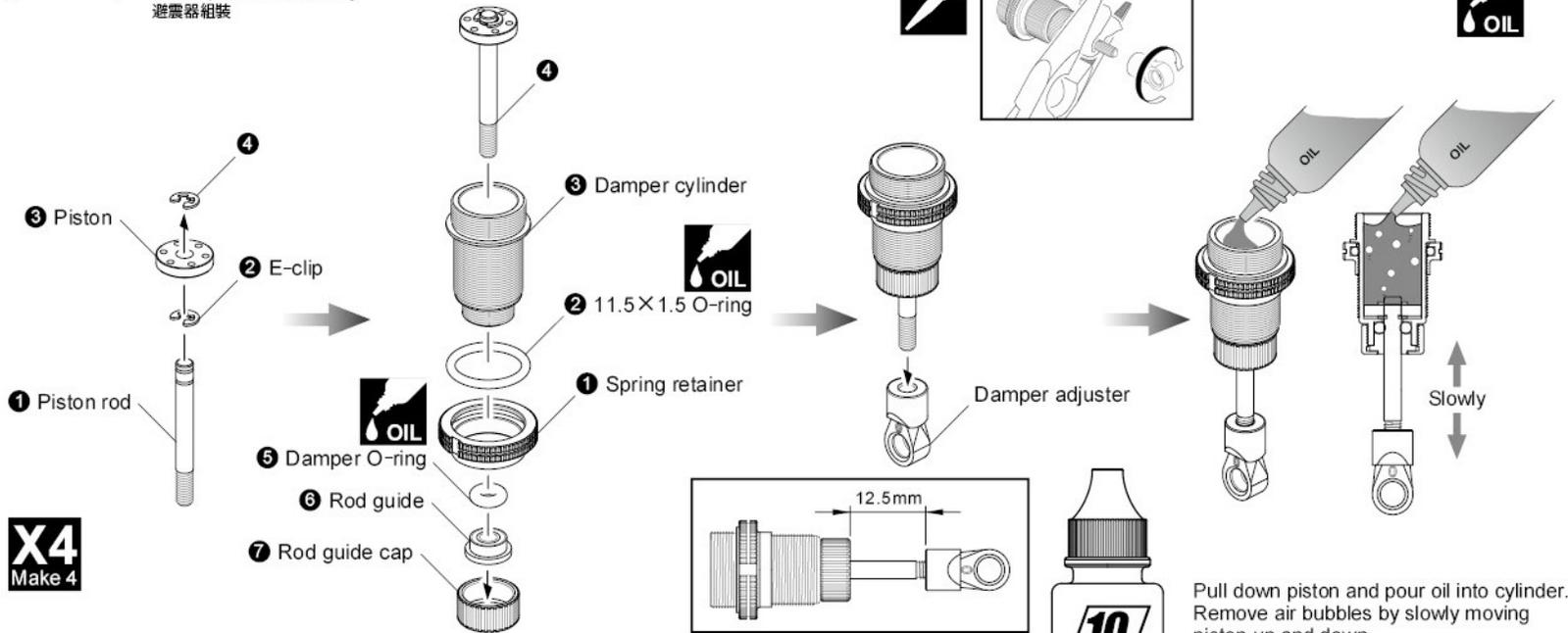


※ Please purchase 841012 LSD 3.0 RS Gyro.  
請另購 841012 LSD 3.0 RS 陀螺儀。

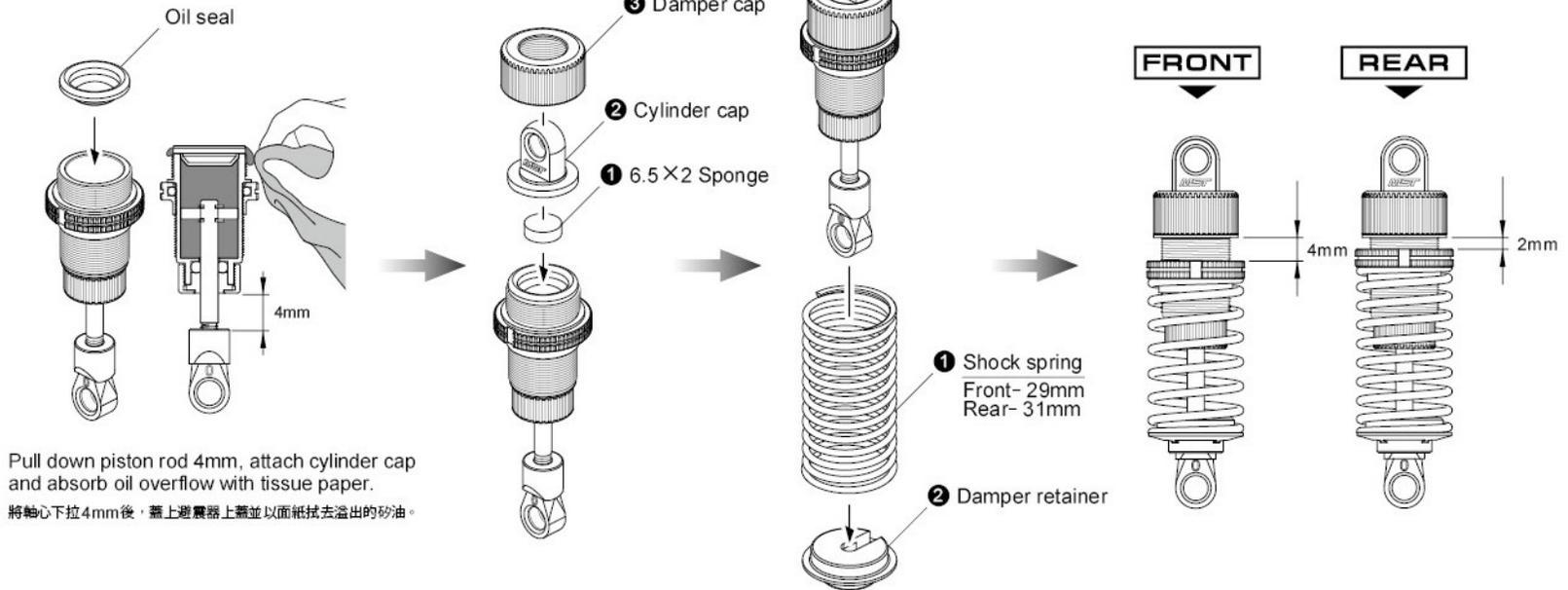




STEP 1 Damper assembly  
避震器組裝



X4  
Make 4





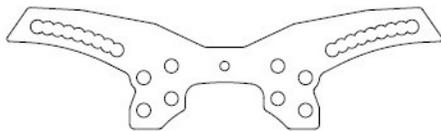
Front damper stay ×1  
前避震架



Rear damper stay ×1  
後避震架

-  M3×8 screw ×4  
圓頭螺絲
-  4.8 Copper hex ball ×4  
銅製六角球頭
-  3×6 Screw ×4  
自攻圓頭螺絲
-  3×5.5×2 Spacer ×4  
墊片
-  M3×10 screw ×4  
止付螺絲

OPTIONAL PARTS

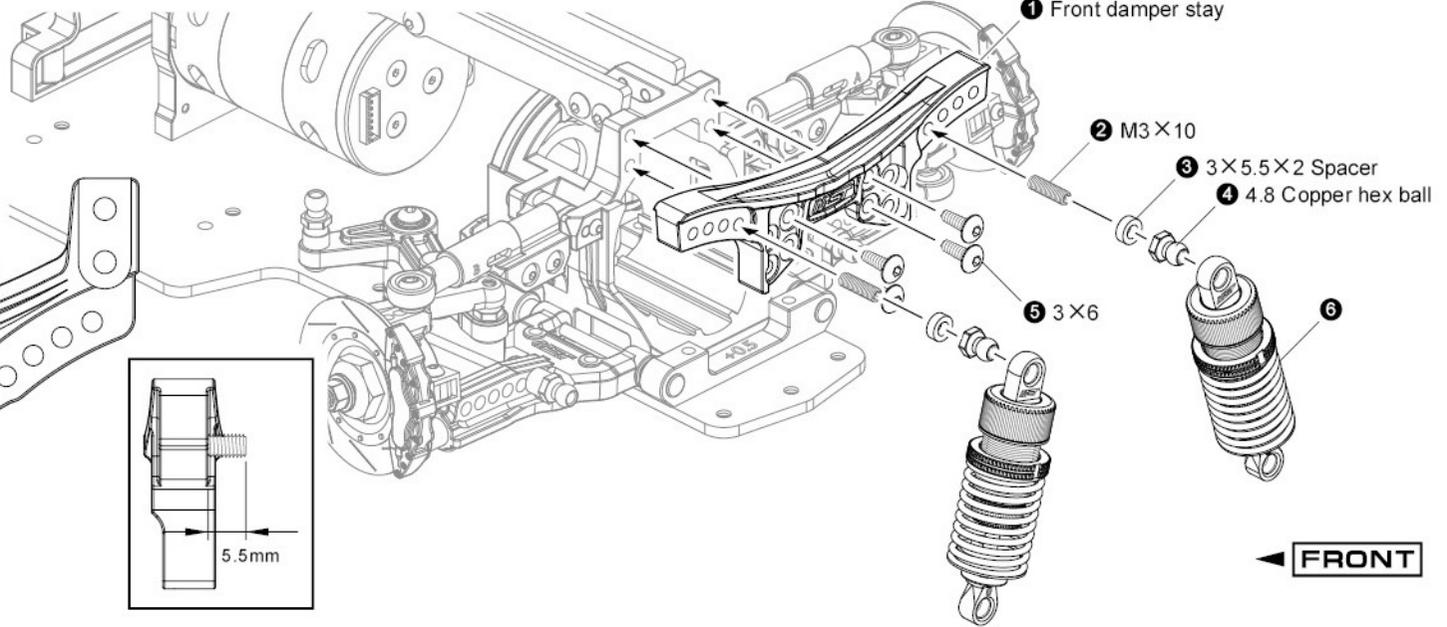


210386  
FXX Carbon front damper stay 3.5  
FXX 碳纖維前避震架 3.5

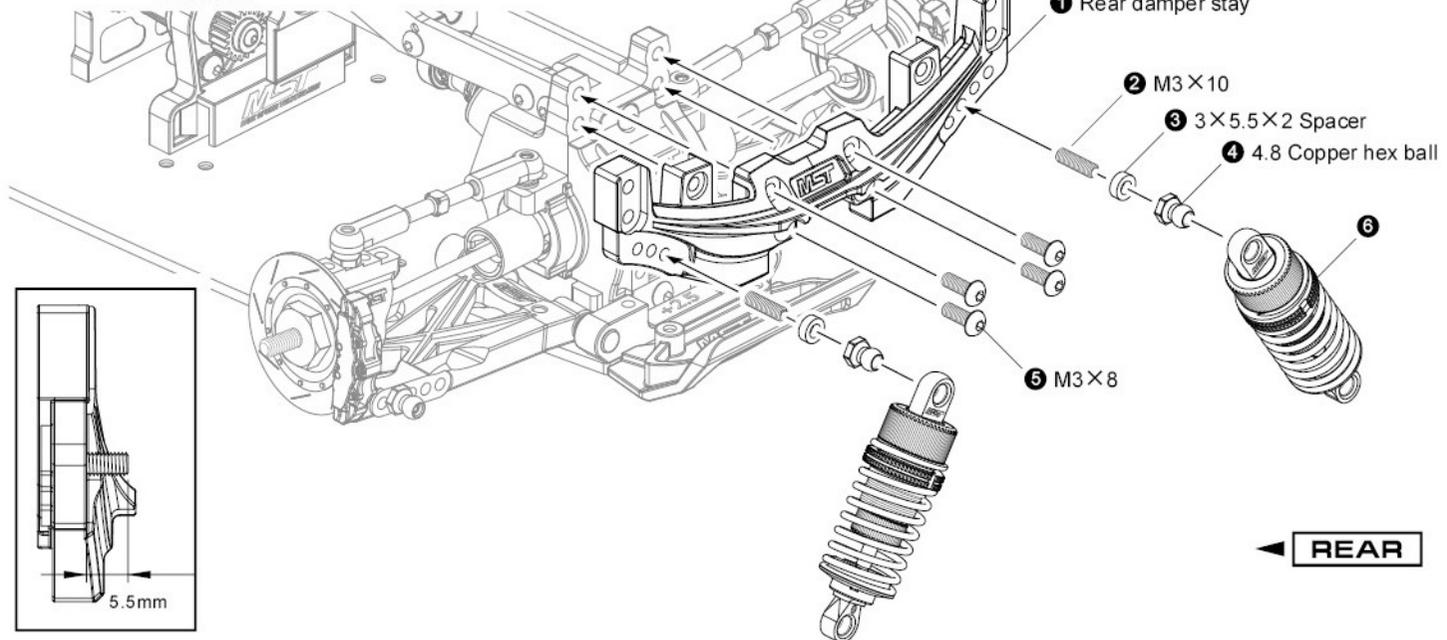


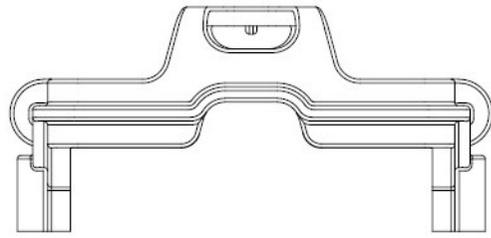
210387  
FXX Carbon rear damper stay 3.5  
FXX 碳纖維後避震架 3.5

STEP 2 Attaching front damper  
安裝前避震器

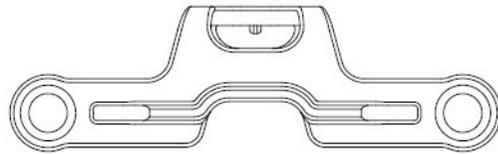


STEP 3 Attaching rear damper  
安裝後避震器

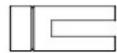




Battery mount A × 1  
電池座 A



Battery mount B × 1  
電池座 B



Antenna pipe mount × 1  
天線管座



R-clip 5.0 × 2  
R 銷 5.0



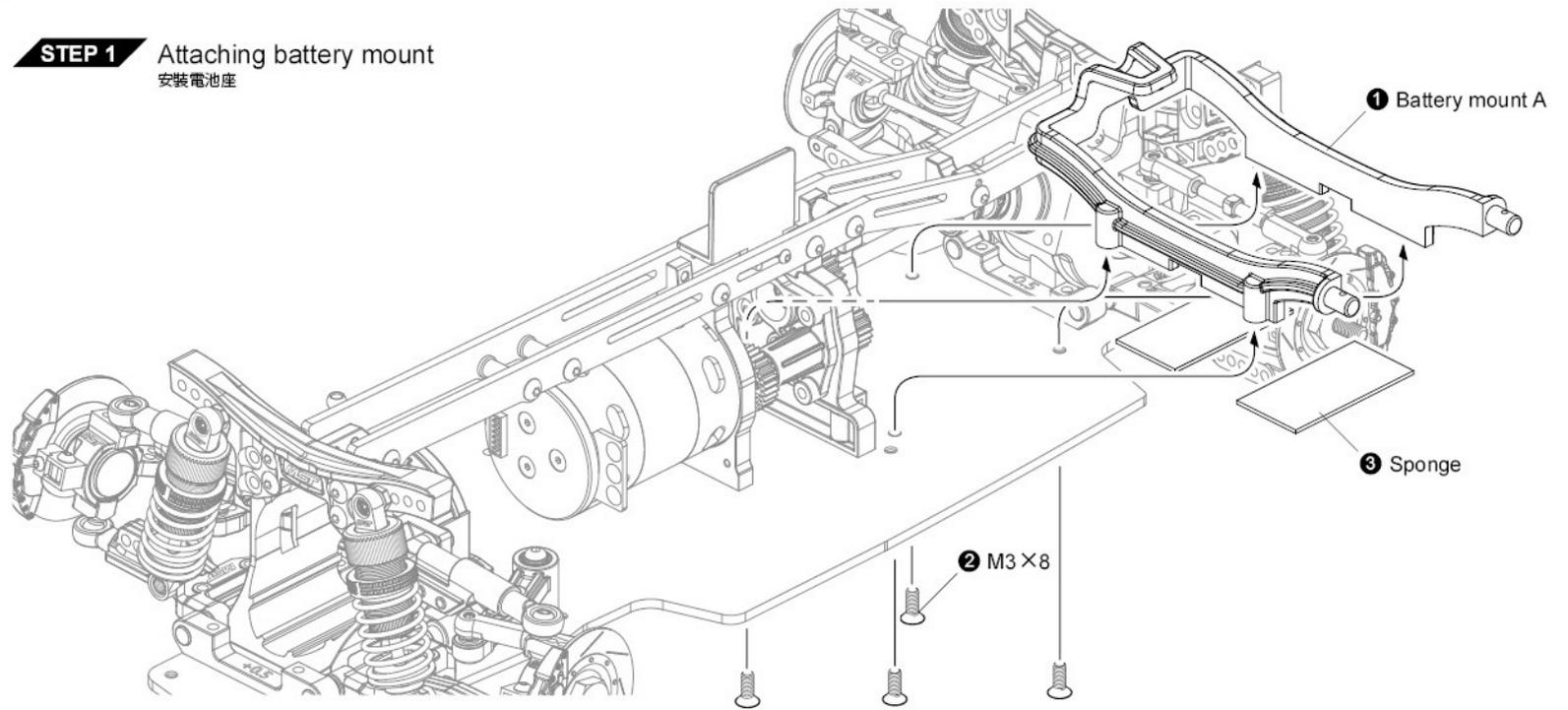
M3×8 screw × 5  
沉頭螺絲

OPTIONAL PARTS



210546  
Rear battery base  
後置電池底座

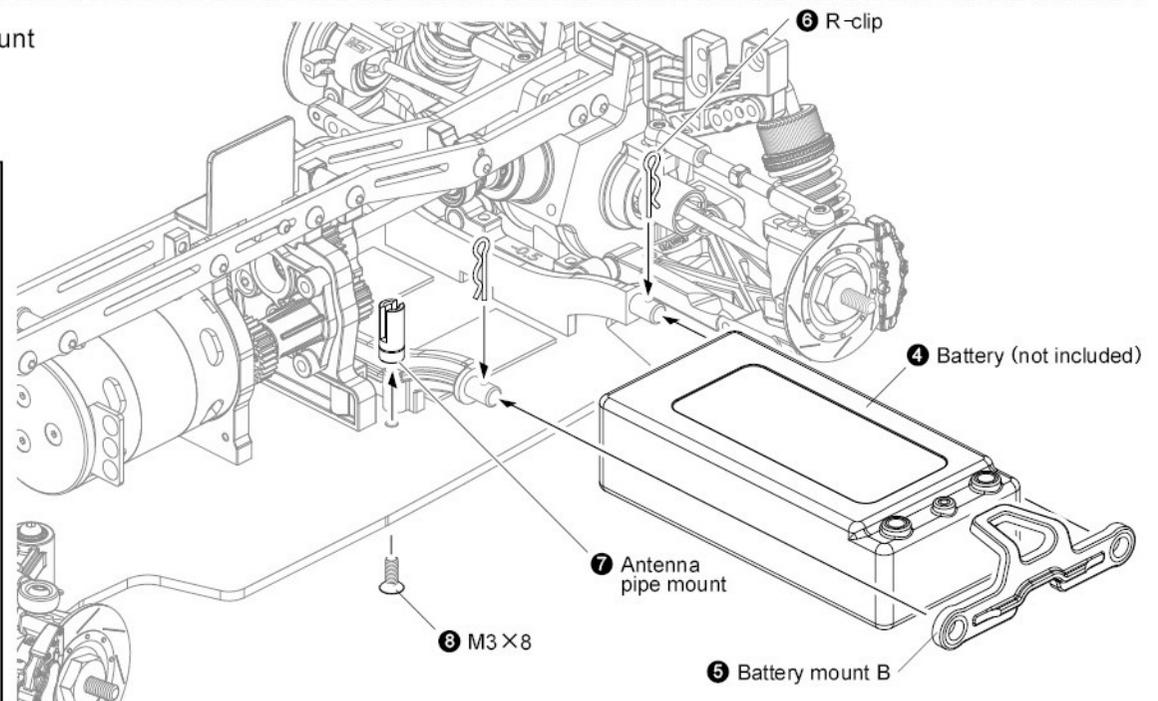
STEP 1 Attaching battery mount  
安裝電池座

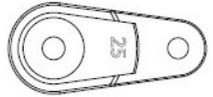


STEP 2 Attaching antenna pipe mount  
安裝天線座

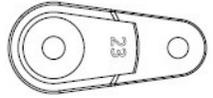
The assembly and conservation method may be different by specification of battery.  
電池的安裝方式會因廠牌規格而有些微差異，電池的使用方式與保存方式，也會因電池的種類而有所不同。

Recommended battery measurement  
L100×W49×H27mm (not exceed)  
建議安裝(長100×寬49×高27mm) 尺寸以內的電池！

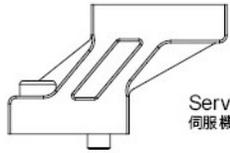




Servo horn 25T ×1  
伺服機片 25T



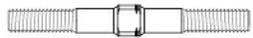
Servo horn 23T ×1  
伺服機片 23T



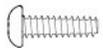
Servo mount ×2  
伺服機座



4.8 Adjuster ×2  
拉桿頭



3×32 Alum. reinforced turnbuckle ×1  
鋁合金可調拉桿



2.6×10 Screw ×1  
自攻圓頭螺絲



M3×10 screw ×2  
圓頭螺絲



M3×6 screw ×4  
圓頭螺絲



M3×8 screw ×2  
沉頭螺絲



4.8 Copper hex ball ×1  
銅製外六角球頭

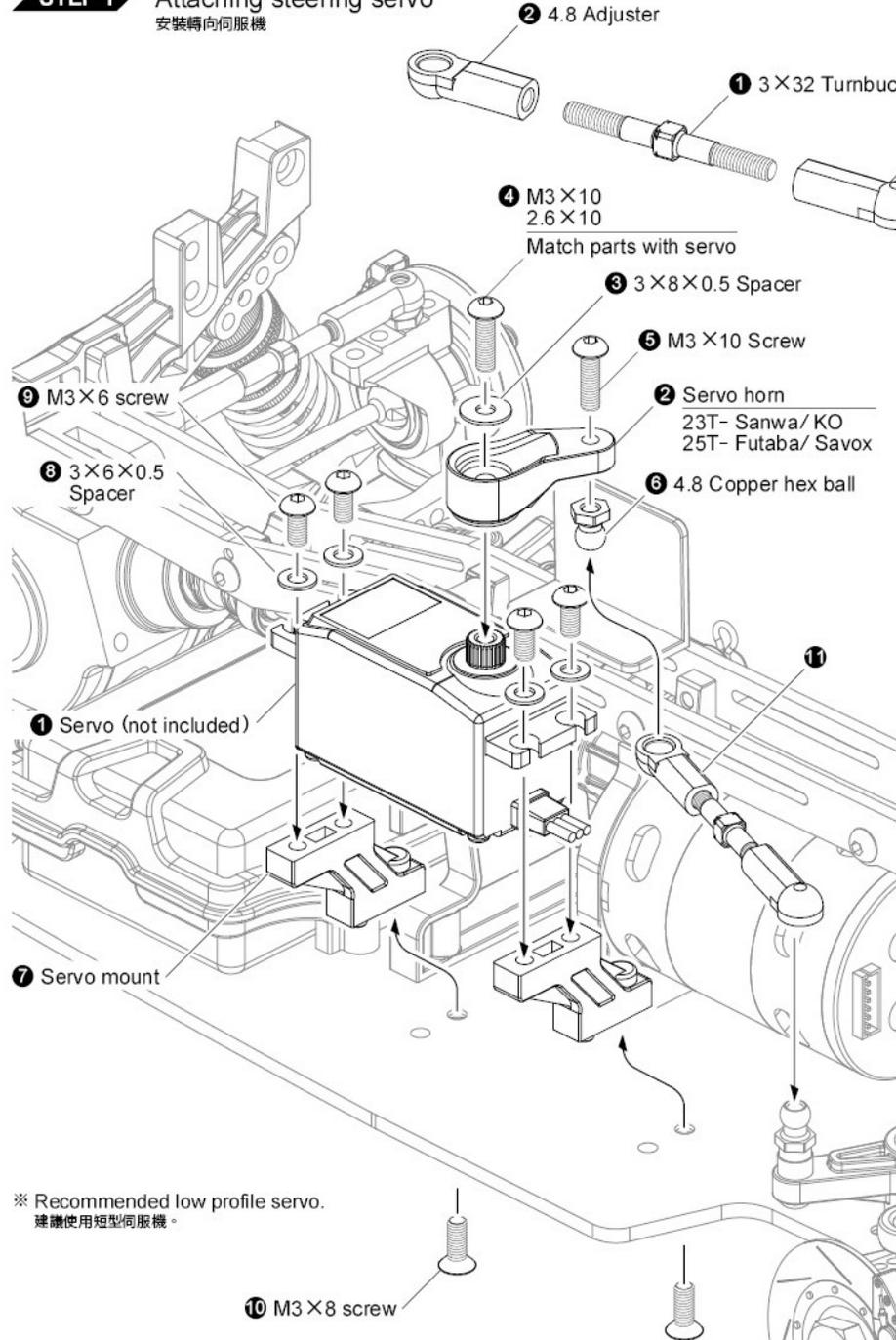


3×8×0.5 Spacer ×1  
墊片



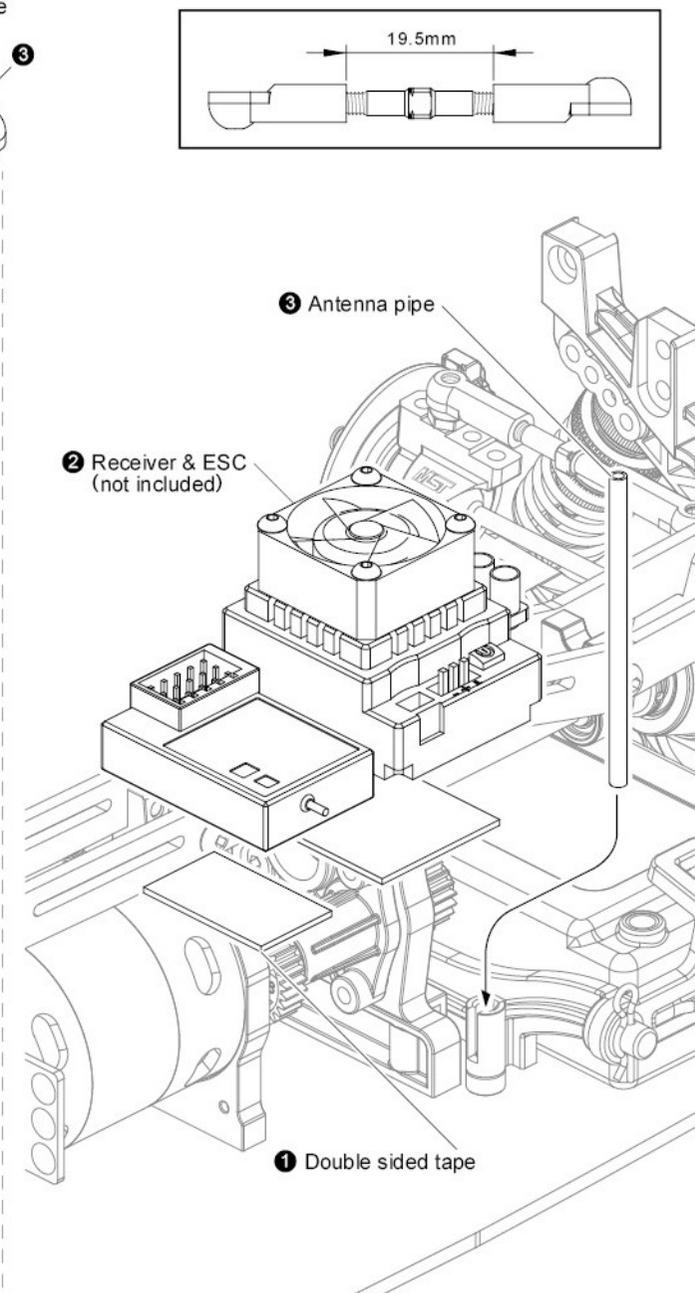
3×6×0.5 Spacer ×4  
墊片

**STEP 1** Attaching steering servo  
安裝轉向伺服機



※ Recommended low profile servo.  
建議使用短型伺服機。

**STEP 2** Attaching receiver & ESC  
安裝接收機





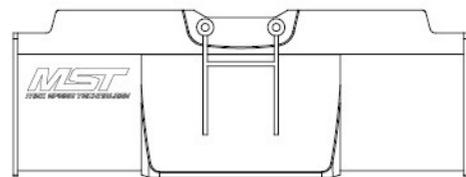
CS-R Tire ×4  
CS-R 甩尾胎

※ Please make the object as the standard.  
請以實物為主。



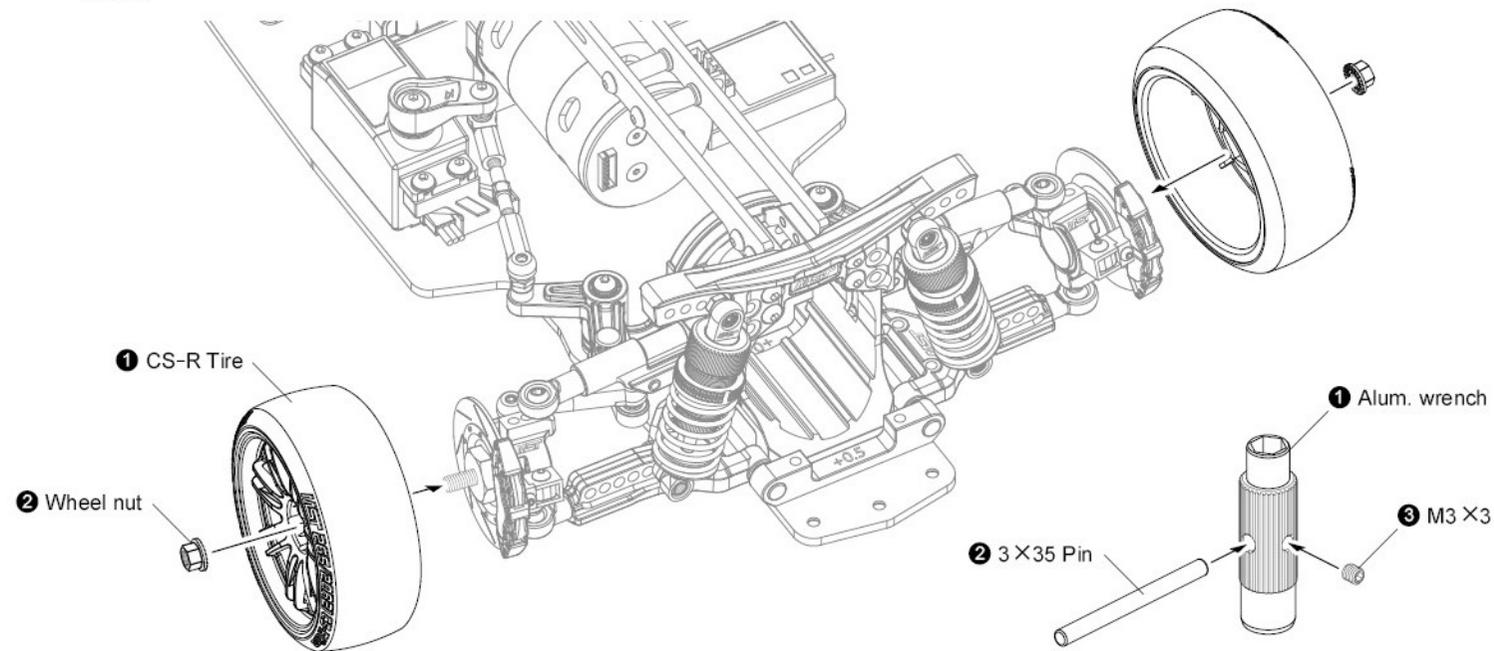
Wheel nut M4 ×4  
輪框螺帽 M4

OPTIONAL PARTS

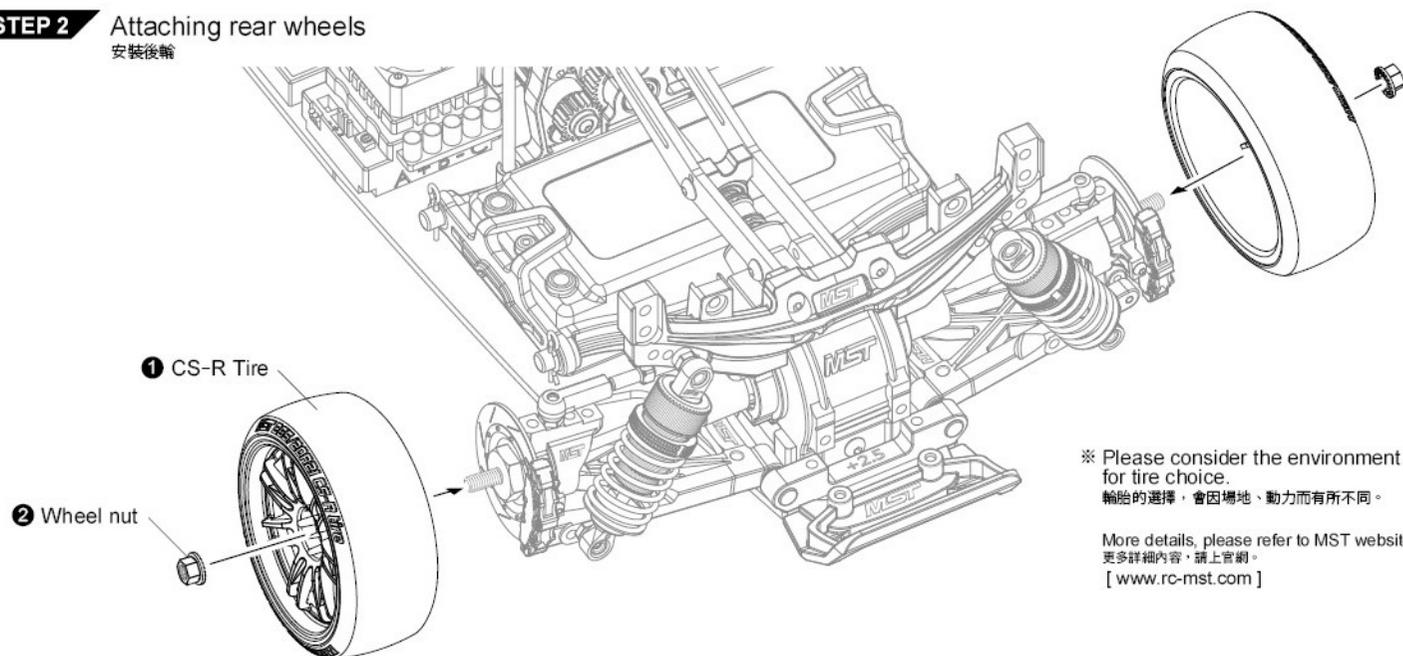


210282  
MST Diffuser  
MST 後擾流板

**STEP 1** Attaching front wheels  
安裝前輪



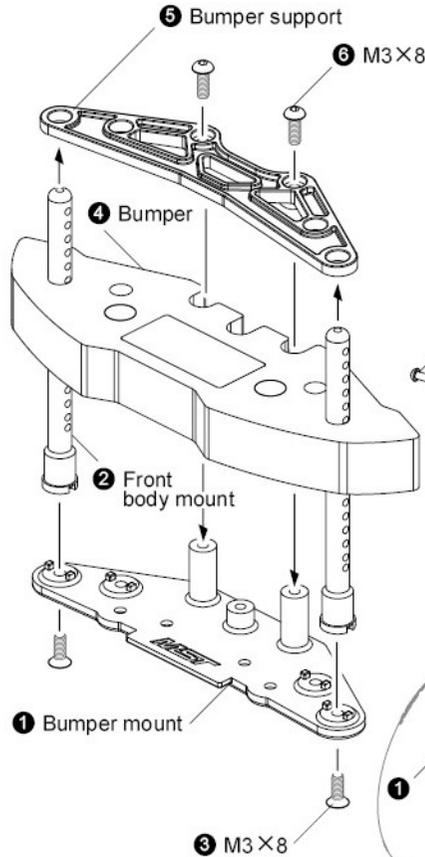
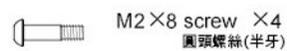
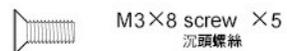
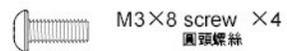
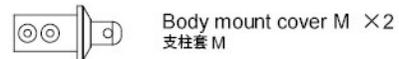
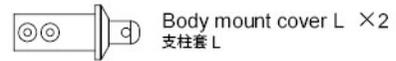
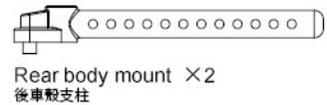
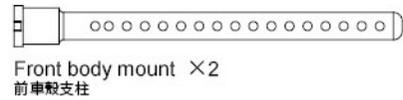
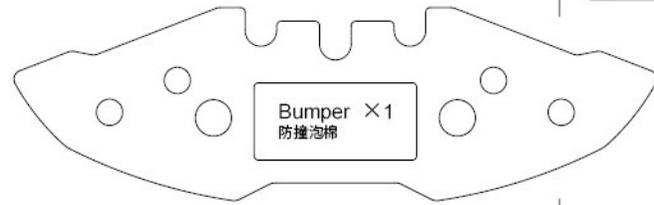
**STEP 2** Attaching rear wheels  
安裝後輪



※ Please consider the environment and power for tire choice.  
輪胎的選擇，會因場地、動力而有所不同。

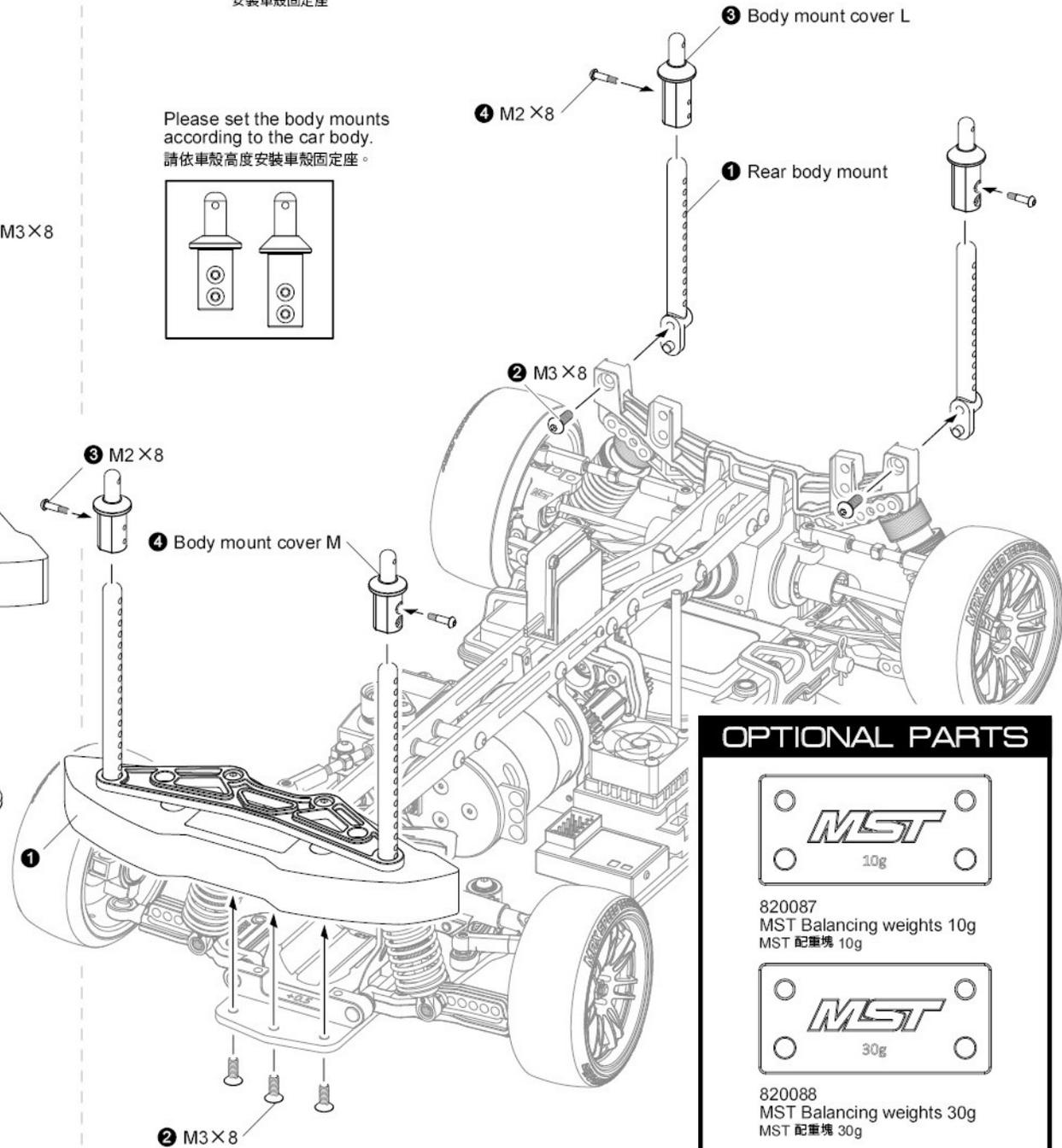
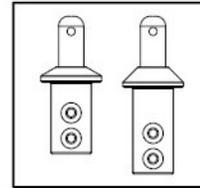
More details, please refer to MST website.  
更多詳細內容，請上官網。  
[ www.rc-mst.com ]

**STEP 1** Bumper assembly  
前防撞板組裝



**STEP 2** Attaching body mounts  
安裝車殼固定座

Please set the body mounts according to the car body.  
請依車殼高度安裝車殼固定座。



OPTIONAL PARTS



820087  
MST Balancing weights 10g  
MST 配重塊 10g



820088  
MST Balancing weights 30g  
MST 配重塊 30g



**FMX-D**  
1/10 DRIFT CHASSIS

**INSTRUCTION  
MANUAL**

[www.rc-mst.com](http://www.rc-mst.com)  
[ [facebook.com/MST.tw](https://facebook.com/MST.tw) ]



Max Speed Technology

