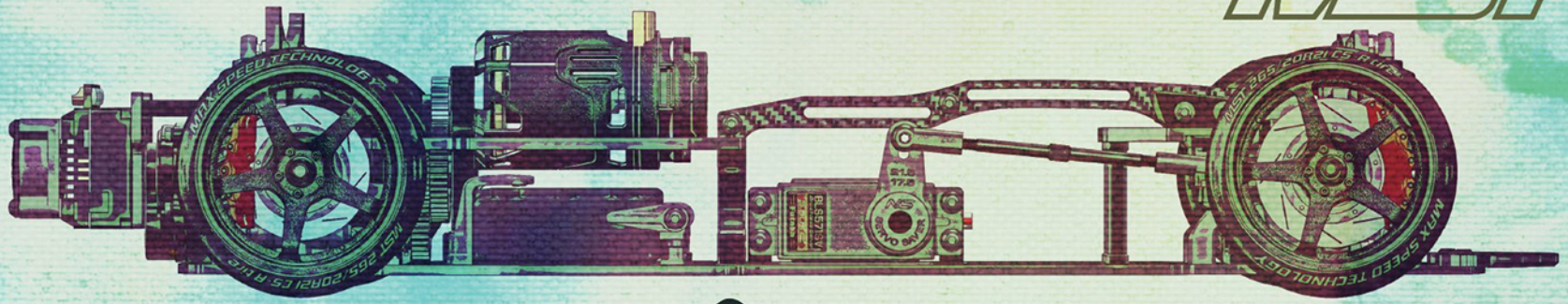
MST



MRX GT V1.5

1/10 SCALE RC RWD HIGH PERFORMANCE DRIFT CAR

INSTRUCTION MANUAL

ON ROAD USE ONLY

SPECIFICATION: 1:10 Drift Car
WHEELBASE: 257mm
HEX TO HEX WIDTH : F177 R173
DRIVE MODE: RWD
CASTER: Adjustable 6/ 8/ 10/ 12 degrees
CAMBER: Adjustable 0 to -12 degrees

FULL BALL BEARING
HYDRAULIC DAMPER SET

www.rc-mst.com

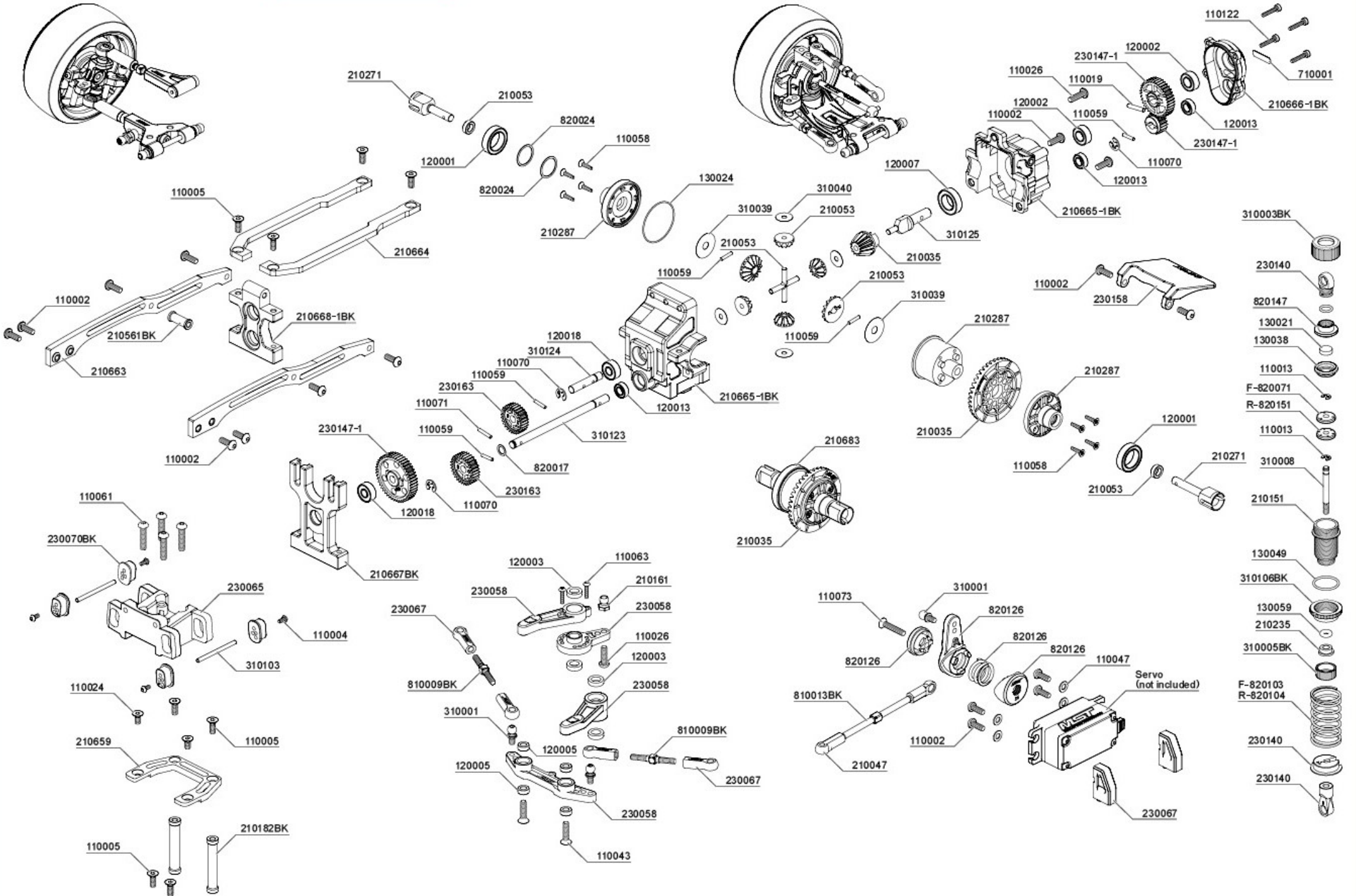
※SPECIFICATION ARE SUBJECT TO CHANGE WITHOUT NOTICE

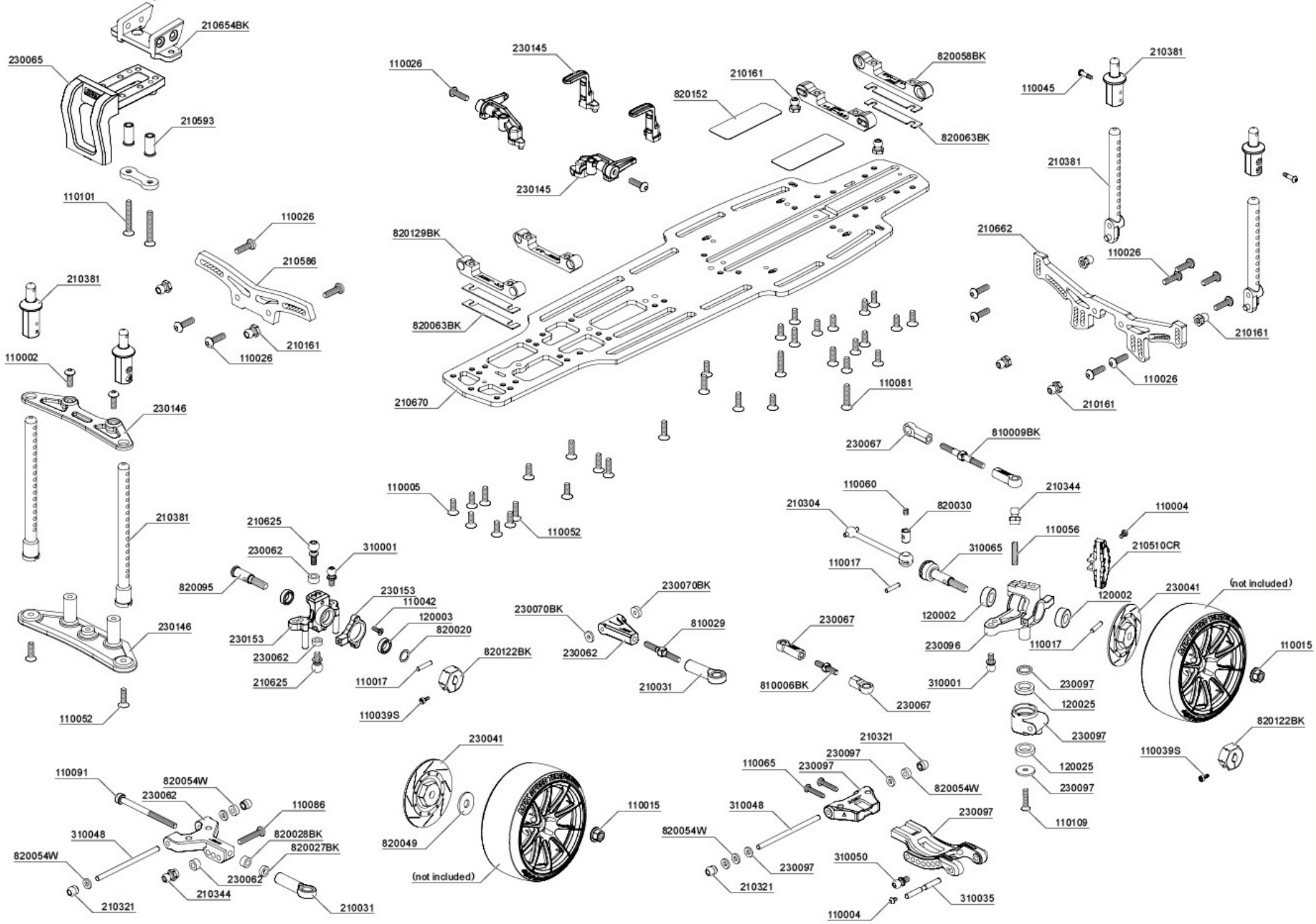
MRX GT V1.5

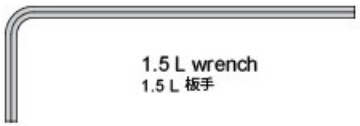
1/10 SCALE RC RWD HIGH PERFORMANCE DRIFT CAR

EXPLODED VIEW

MST max speed technology




210654BK
230065
210593
110101
110026
210586
210381
210161
110026
110002
230146
210381
230146
110052
210625
230062
310001
820095
230153
110042
120003
820020
230153
230062
210625
110017
820122BK
110039S
110026
230145
110026
230145
820058BK
210161
820152
820063BK
820129BK
820063BK
210670
110081
110005
110052
230070BK
230070BK
230062
810029
210031
110091
820054W
230062
110086
310048
820028BK
820027BK
820054W
230062
210344
210321
210031
230041
820049
(not included)
110015
210381
110045
210381
210662
110026
210161
110026
210161
230067
810009BK
210344
110060
210304
820030
110004
110056
210510CR
310065
110017
120002
230041
(not included)
120002
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110017
110015
230067
810006BK
230067
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230097
120025
230097
120025
230097
110109
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110039S
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230097
310050
310035
110004



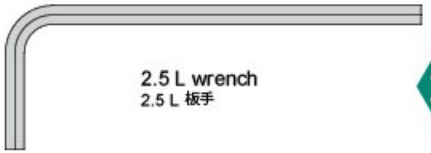
1.5 L wrench
1.5 L 板手

1.5 Hex



2.0 L wrench
2.0 L 板手

2.0 Hex

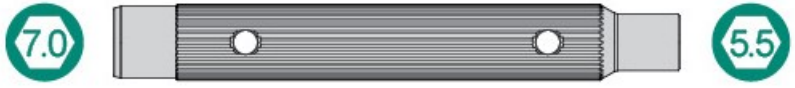


2.5 L wrench
2.5 L 板手

2.5 Hex



5.5×4.0 wrench
5.5×4.0 板手



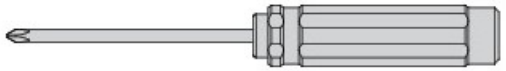
5.5 & 7.0 alum. wrench
5.5 & 7.0 套筒板手

Please follow the assembling figures and instructions closely for your [MRX GT V1.5] best performance!
請依照說明書圖示步驟安裝以發揮 [MRX GT V1.5] 最好效能!

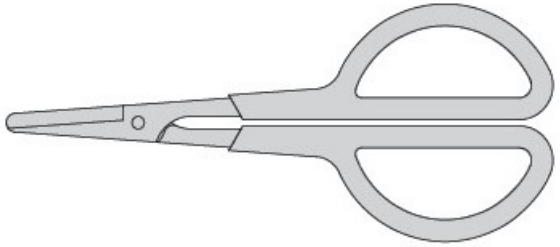
NECESSARY TOOLS FOR ASSEMBLY 工具需求
〔NOT INCLUDED IN KIT〕〔另購〕



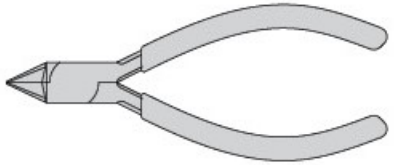
Hobby knife
美工刀



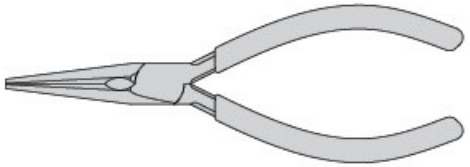
Screwdriver
螺絲起子



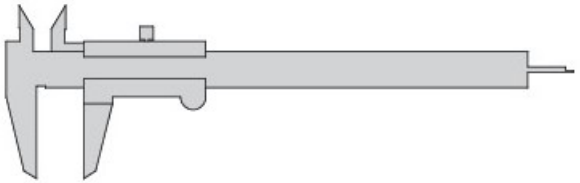
Scissors
剪刀



Side cutter
斜口鉗



Needle nose pliers
尖嘴鉗



Vernier caliper
游標卡尺

FRONT LOWER ARM
前下擺臂

Front lower arm ×2
前下擺臂

Suspension mount (-2.0) ×2
下擺臂座 (-2.0)

5.8×26 Adjuster ×2
拉桿頭

2.5×5 Suspension balls ×4
懸吊球頭

2.5×5.5×1 Spacer (white) ×4
墊片(白色)

2.5×5.5×2 Spacer (white) ×2
墊片(白色)

3×5.5×3 Spacer ×2
墊片

3×5.5×2 Alum. spacer ×2
鋁合金墊片

3×5.5×3 Alum. spacer ×2
鋁合金墊片

2.5×46 Arm shaft ×2
擺臂插銷

M3×40 screw ×2
有頭螺絲(半牙)

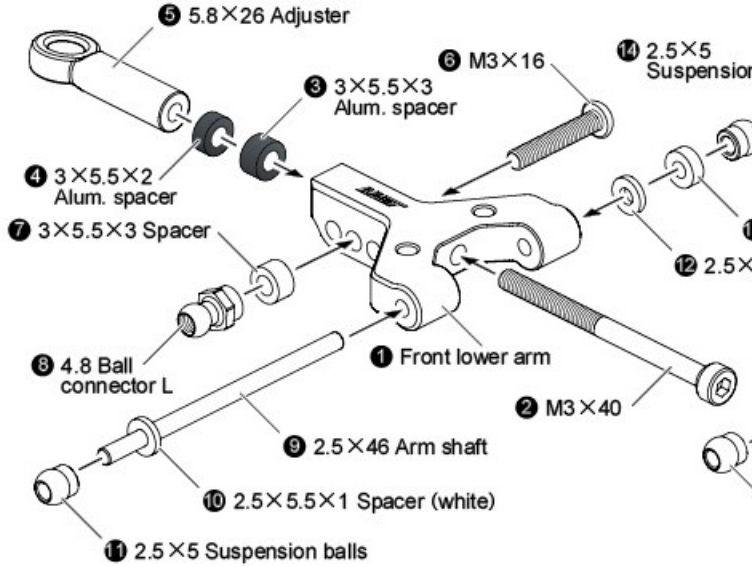
M3×16 screw ×2
圓頭螺絲

M3×8 screw ×4
沉頭螺絲

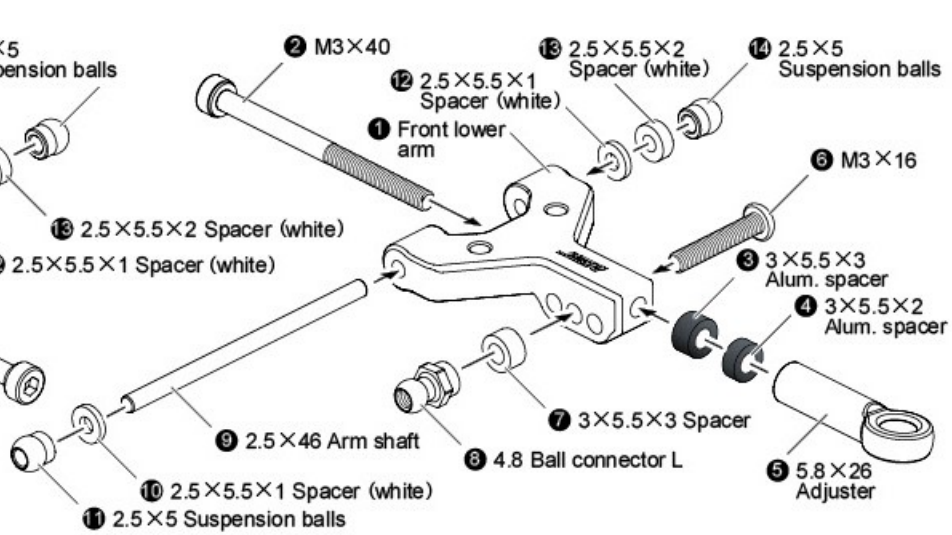
4.8 Ball connector L ×2
外六角球頭 (長)

STEP 1 Front lower arm assembly
前下擺臂組裝

R

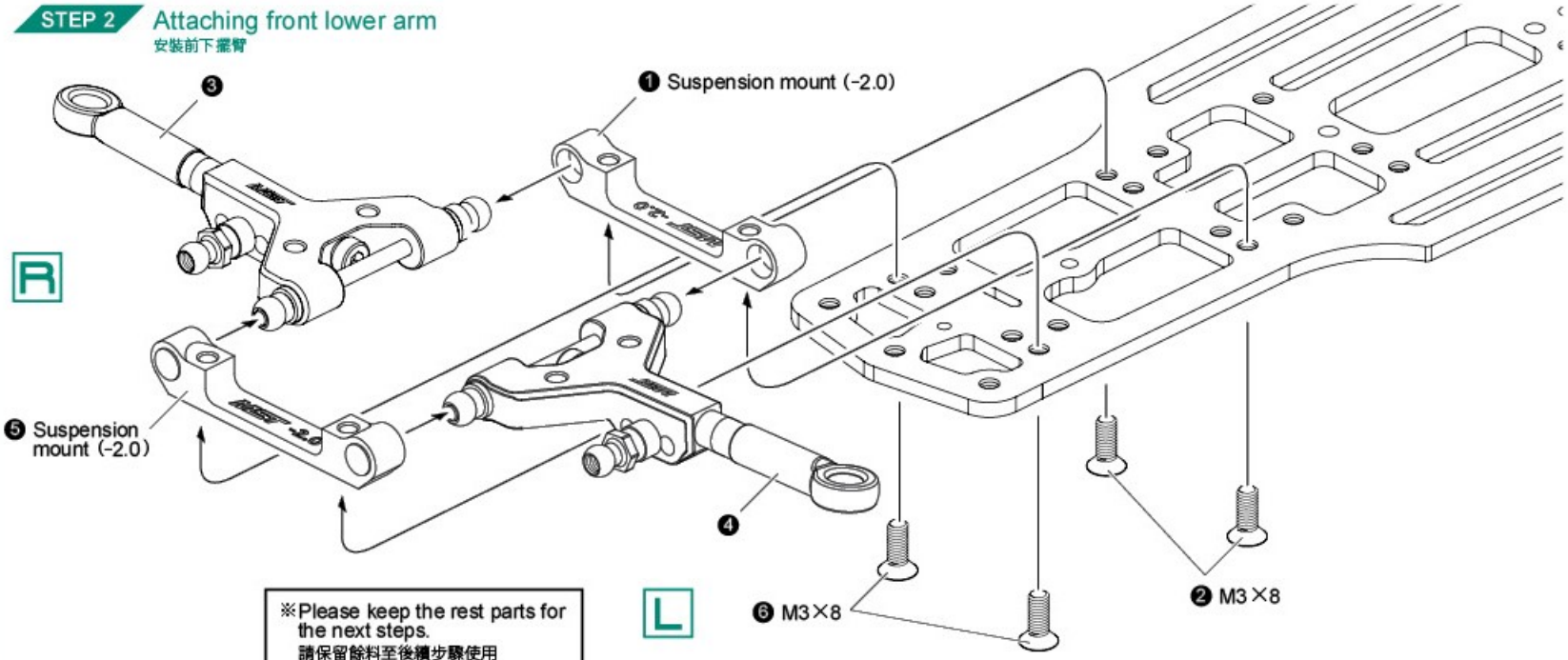


L



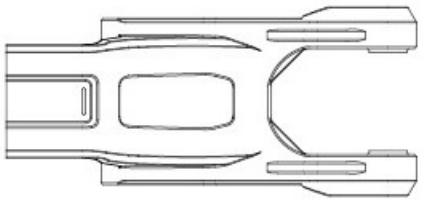
STEP 2 Attaching front lower arm
安裝前下擺臂

R



L

※Please keep the rest parts for the next steps.
請保留餘料至後續步驟使用



Rear lower arm B ×2
後下擺臂 B



Rear lower arm A ×2
後下擺臂 A



Shaft bush A ×4
軸套A



Suspension mount (+1.5~+3.0) ×2
下擺臂座 (+1.5~+3.5)



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



2.5×5.5×1 Spacer (white) ×4
墊片(白色)



2.5×5.5×2 Spacer (white) ×2
墊片(白色)



M2.5×12 screw ×4
圓頭螺絲

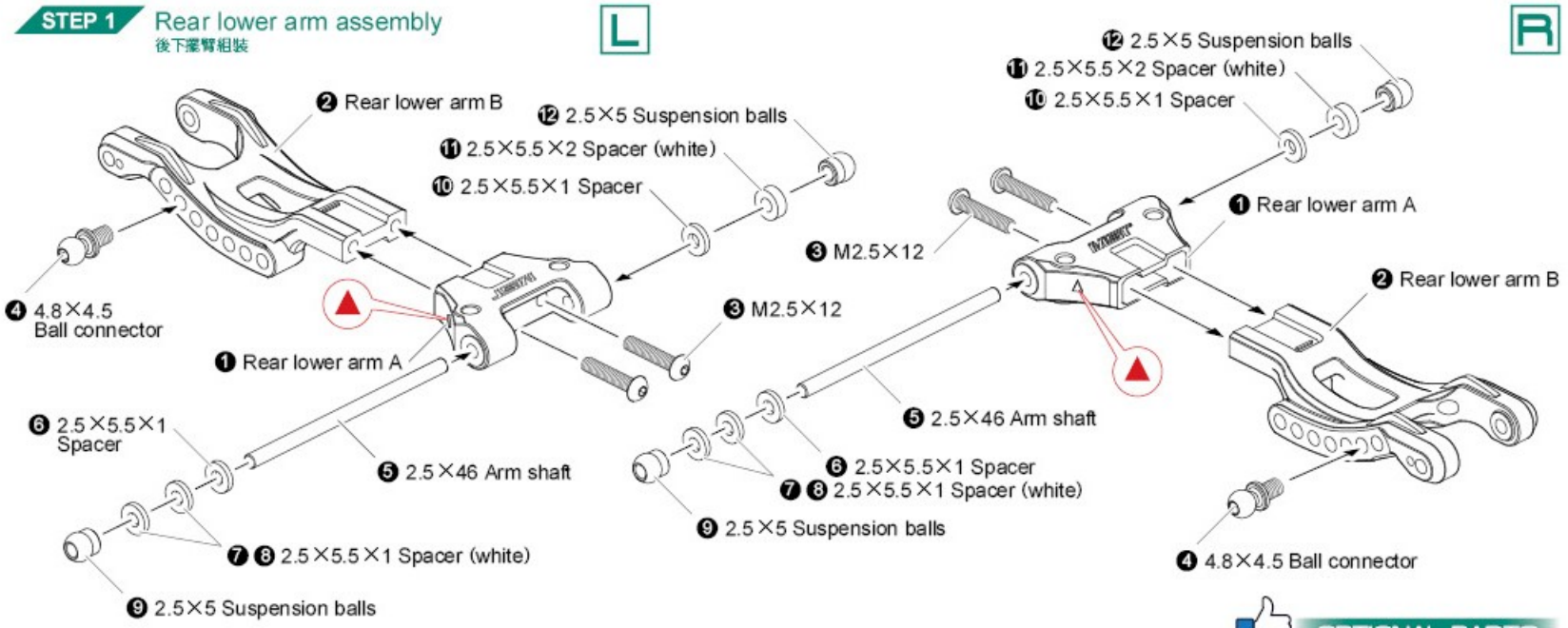


M3×8 screw ×4
沉頭螺絲

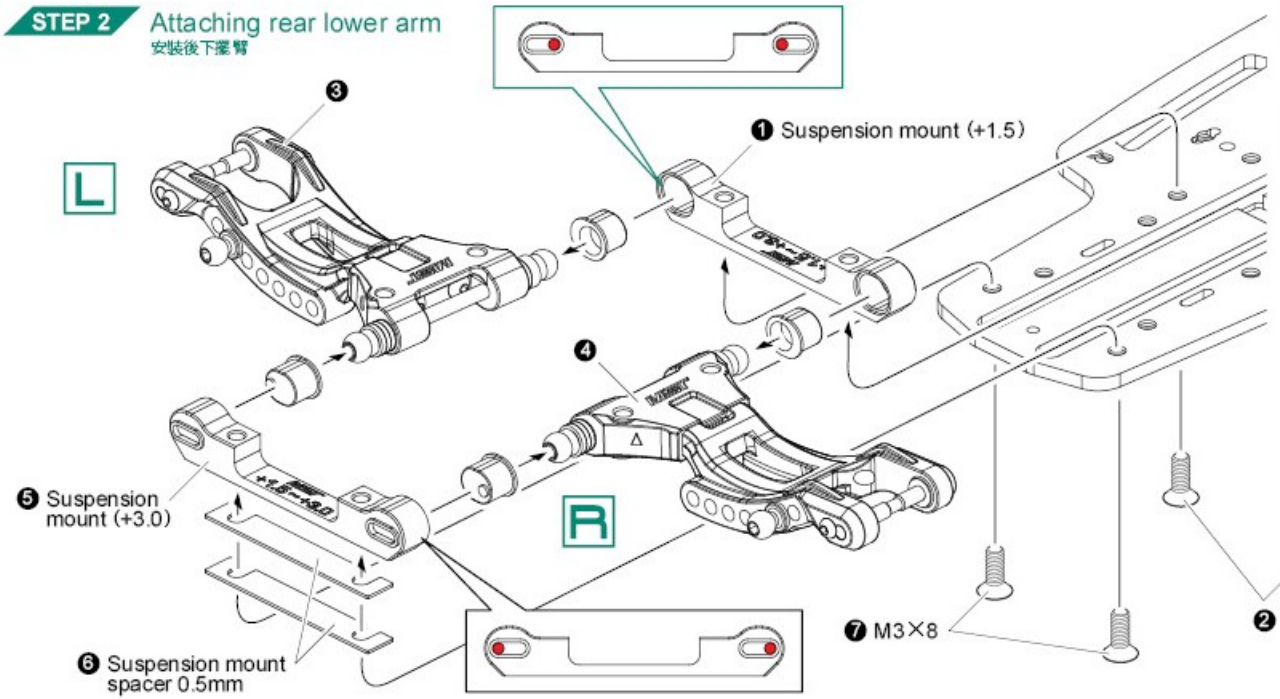


4.8×4.5 Ball connector ×2
球頭螺絲

STEP 1 Rear lower arm assembly
後下擺臂組裝



STEP 2 Attaching rear lower arm
安裝後下擺臂



OPTIONAL PARTS



210616BK
MB Alum. Rear lower arm set (black)

Front head mount A ×1
前擋座A

M2×4 screw ×4
圓頭螺絲

Front upper arm mount ×1
前上擺臂座

M3×6 screw ×2
沉頭螺絲

Front connect mount ×1
前連結座A

M3×8 screw ×4
沉頭螺絲

Front connect mount ×1
前連結座B

M3×14 screw ×4
圓頭螺絲

5.8×26 Adjuster ×2
拉桿頭

2×28 shaft ×2
插銷

Strengthen post ×2
補強柱

2×6×1 Spacer ×2
墊片

2×6×2 Spacer ×2
墊片

Front upper arm ×2
前上擺臂

Arm shaft bush A ×2
擺臂襯套A

Bag 1

M3×25 steel turnbuckle ×2
鋼製可調拉桿

Arm shaft bush B ×2
擺臂襯套B

STEP 1 Front upper arm assembly
前上擺臂組裝

❸ Arm shaft bush A
❹ Arm shaft bush B
❶ Front upper arm
❷ M3×25 steel turnbuckle
❸ 5.8×26 Adjuster

X2 Make 2

10.5mm

※Please use a caliper for precise measurements.
請使用卡尺進行精確測量

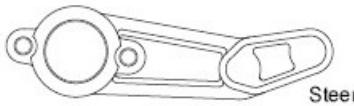
❶ Arm shaft bush A
❷ Arm shaft bush B

STEP 2

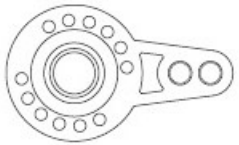
❺ Upper arm
❼ 2×6×2 Spacer
❸ 2×6×2 Spacer
❻ 2×6×1 Spacer
❷ 2×6×1 Spacer
❽ 2×28 Shaft
❹ 2×28 Shaft

STEP 3

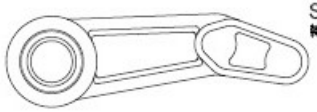
❽ M3×6
❿ M3×8
❼ Front connect mount B
❻ M3×8
❹ M3×14
❺ Front connect mount A
❶ M2×4
❸
❶ Upper arm
❾ Strengthen post
❷ Front head mount A



Steering arm A ×1
轉向搖臂 A



Steering arm B ×1
轉向搖臂 B



Steering arm C ×1
轉向搖臂 C



Steering joint plate ×1
轉向連接板



Steering arm post ×2
轉向搖臂支柱



Steering arm post joint plate ×1
轉向搖臂支柱固定板



M3×20 screw ×2
沉頭螺絲



M3×12 screw ×2
沉頭螺絲



M3×10 screw ×1
圓頭螺絲



M2×8 screw ×2
圓頭螺絲



4.8×4.5 Ball connector ×2
球頭螺絲



4.8 Ball connector ×1
外六角球頭

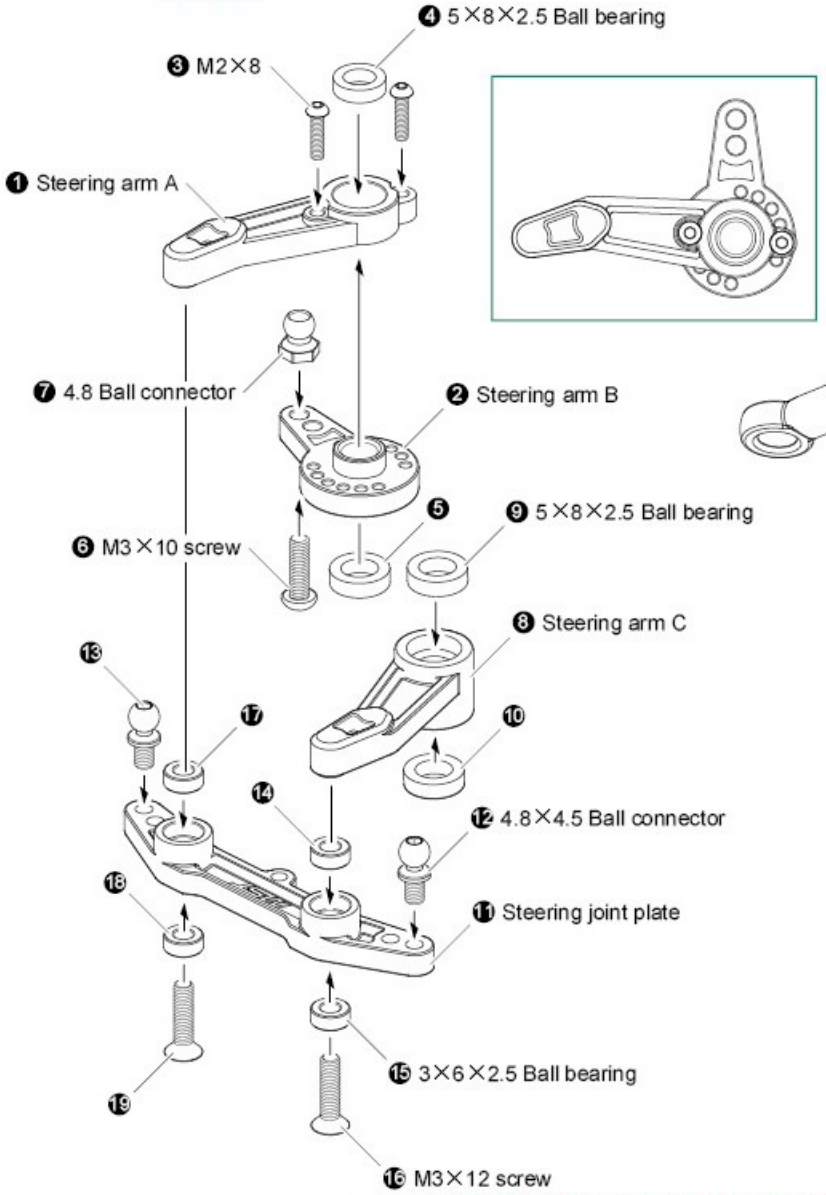


5×8×2.5 Ball bearing ×4
培林



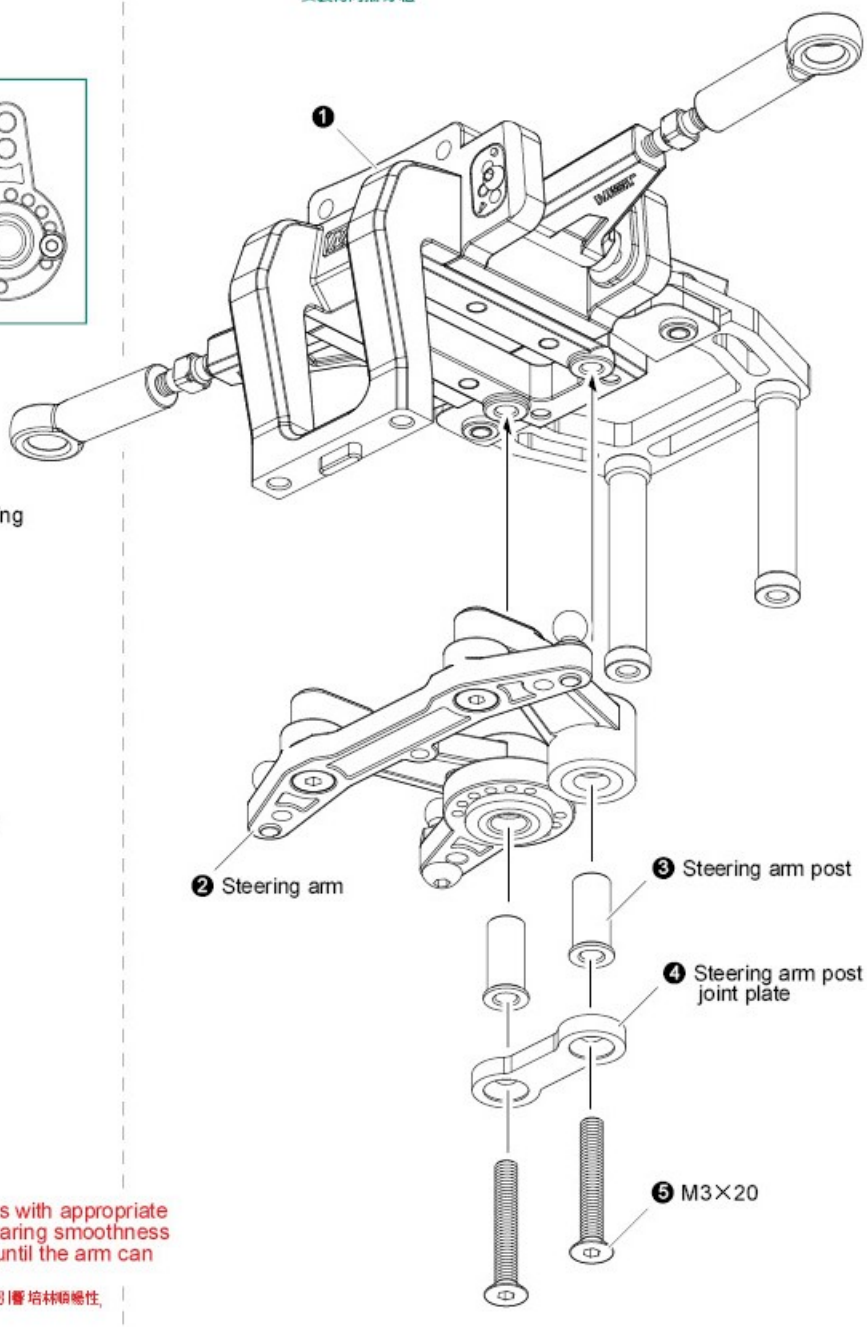
3×6×2.5 Ball bearing ×4
培林

STEP 1 Steering arm assembly
轉向搖臂組裝



⚠ Please tighten the M3×12 screws with appropriate force. If it is overtightened, the bearing smoothness will be affected. Please loosen it until the arm can move smoothly.
M3×12螺絲以適當力道鎖緊即可,若鎖太緊會引響培林順暢性,請放輕至搖臂能順暢作動為止!

STEP 2 Attaching steering arm
安裝轉向搖臂組





Long servo horn ×1
長伺服片



Servo saver cover ×1
伺服緩衝上蓋



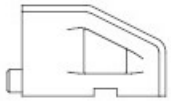
Servo saver mount 23T ×1
23T 伺服緩衝座



Servo saver mount 25T ×1
25T 伺服緩衝座



4.8 Adjuster M ×6
拉桿頭



Servo mount ×2
伺服機座



M3×28 Alum. turnbuckle ×2
鋁合金可調拉桿



M3×16 screw ×1
沉頭螺絲



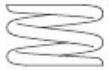
M3×8 screw ×4
圓頭螺絲



M3×10 screw ×6
沉頭螺絲



4.8×4.5 Ball connector ×1
球頭螺絲



Servo saver spring (Gold) ×1
伺服緩衝彈簧(金)



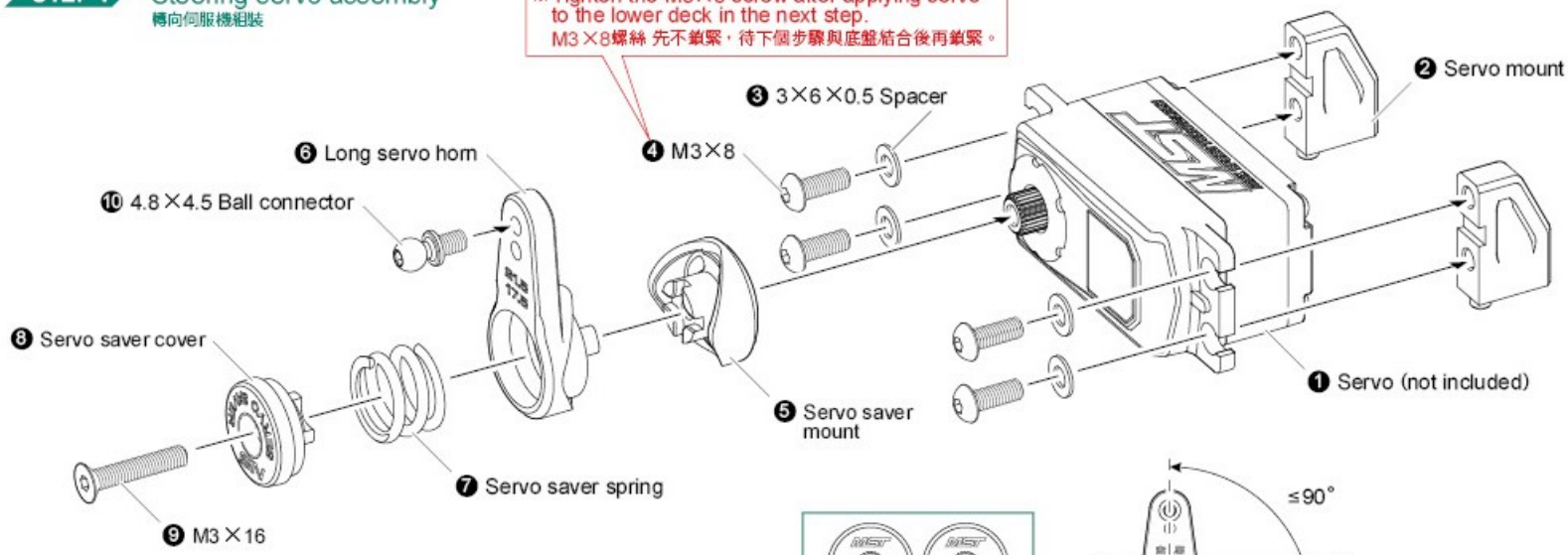
3×6×0.5 Spacer ×4
墊片



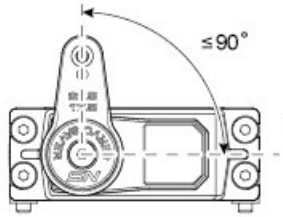
M3×44 Alum. turnbuckle ×1
鋁合金可調拉桿

STEP 1 Steering servo assembly
轉向伺服機組裝

※Tighten the M3×8 screw after applying servo to the lower deck in the next step.
M3×8螺絲 先不鎖緊，待下個步驟與底盤結合後再鎖緊。

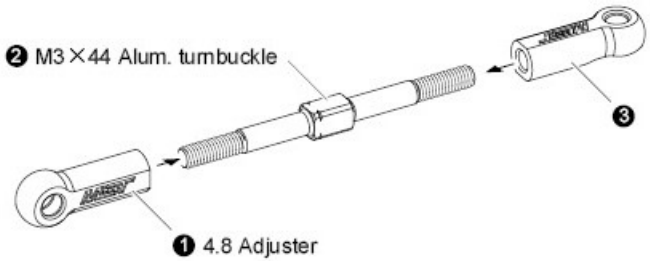




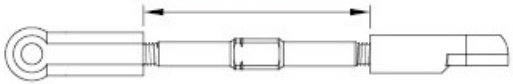


※Attaching the servo as shown.
伺服中立點設定

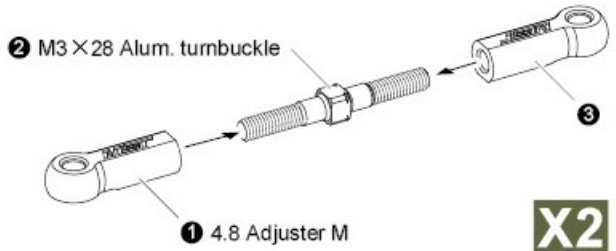
STEP 2 Servo saver turnbuckle assembly
伺服拉桿組裝



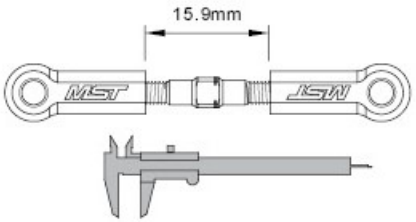
※Please adjust the length by the servo spec. and the steering neutral.
依伺服機與轉向中立點調整長度。



STEP 3 Steering adjuster assembly
轉向拉桿組裝

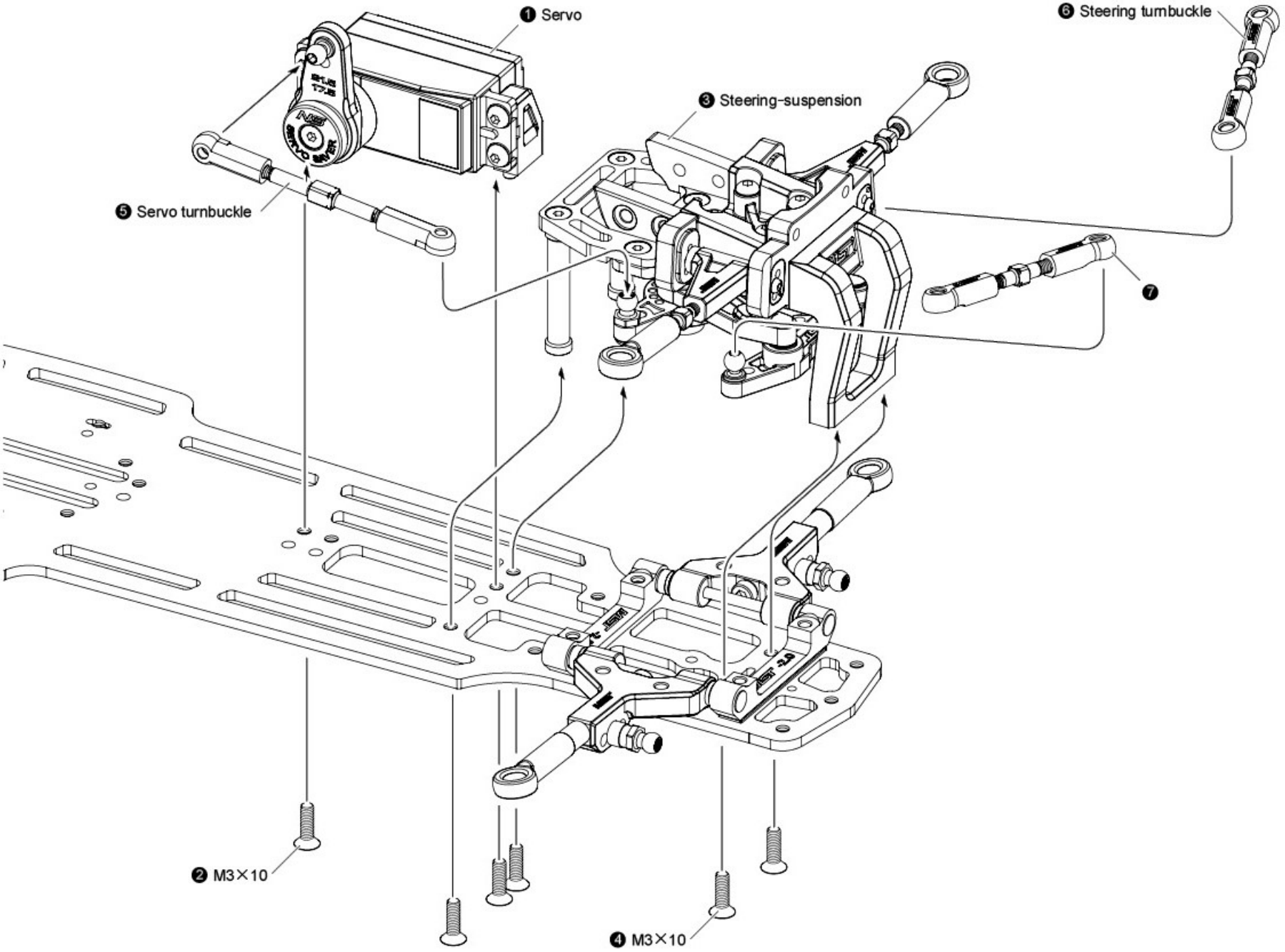


X2 Make 2



※Please use a caliper for precise measurements.
請使用卡尺進行精確測量

STEP 1 Attaching front steering-suspension
安裝前擔組

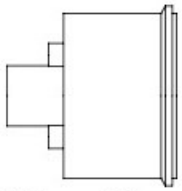


OPTIONAL PARTS

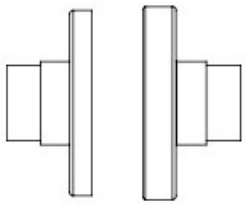

210645BK
RMX alum. lightweight integrated front head mount (black)


210590BK
RMX 2.0 Alum. steering joint plate (black)

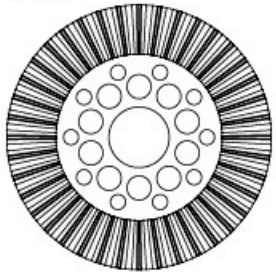

210589BK
RMX 2.0 Alum. steering arm (black)



Diff. case ×1
傘差齒箱



Diff. mount ×1
傘差齒座



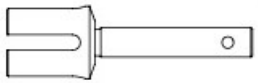
Bevel gear 40T ×1
大傘齒



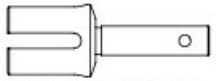
Bevel gear 14T ×2
差速傘齒



Bevel gear 10T ×4
差速傘齒



Diff. joint (long) ×1
差速接杯(長)



Diff. joint (short) ×1
差速接杯(短)



1.5×7.8 Shaft ×2
插銷



2×8 Tapping screw ×8
自攻螺絲



10×12×0.3 Spacer ×2
墊片

Diff. case cover ×1
傘差齒蓋



22×0.6 O-ring ×1
O環



4×7×2.5 Spacer ×2
墊片



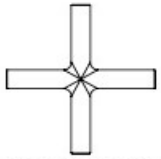
10×15×4 Bearing ×2
培林



2.5×9×0.1 Spacer ×4
墊片

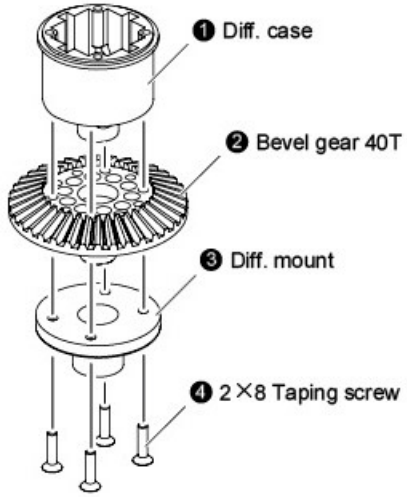


4×14×0.1 Spacer ×2
墊片

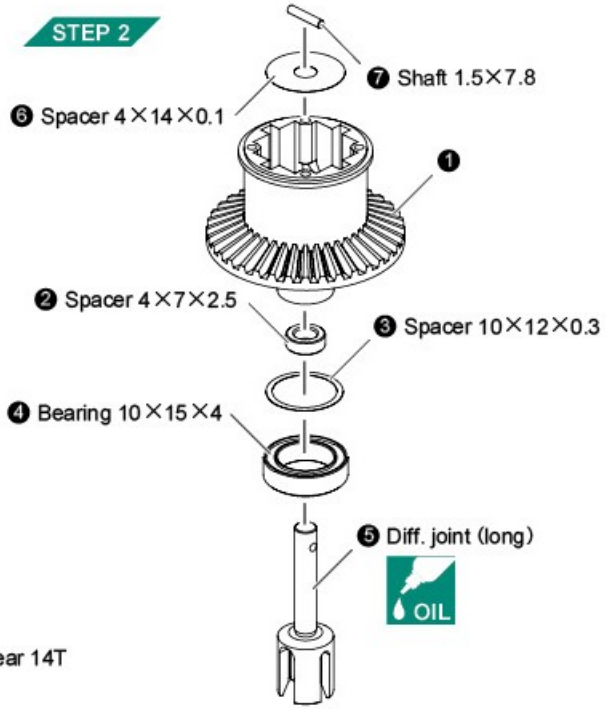


Cross shafe ×1
傘齒十字座

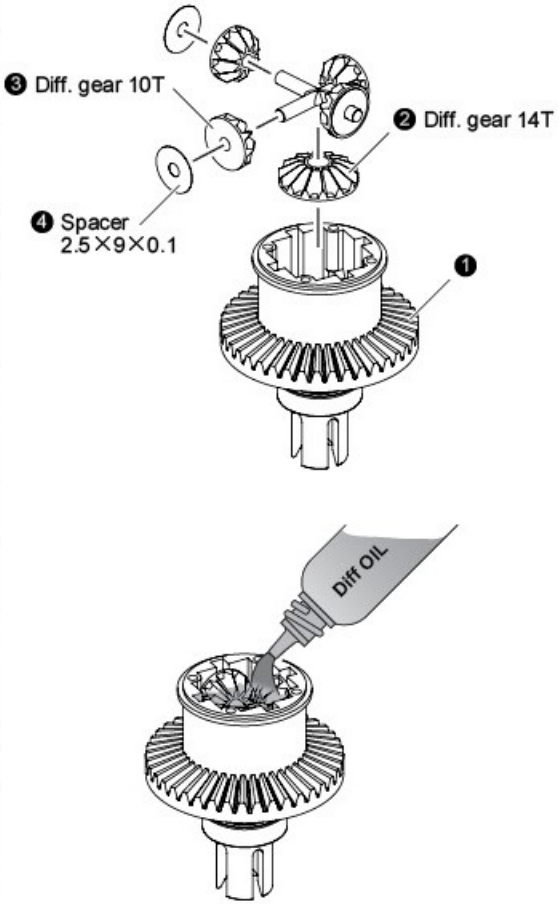
STEP 1

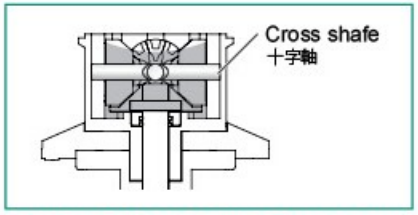


STEP 2



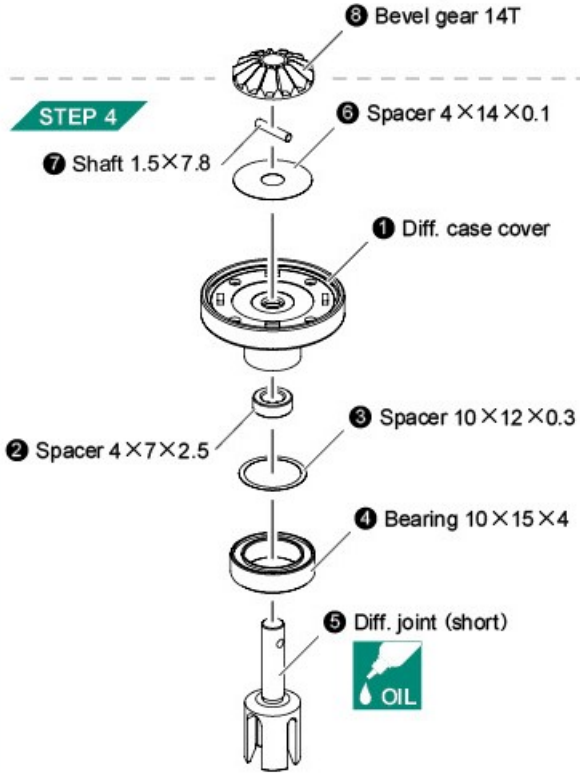
STEP 3



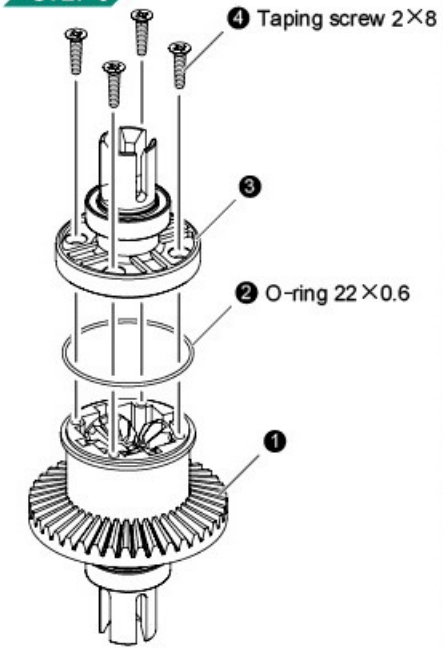


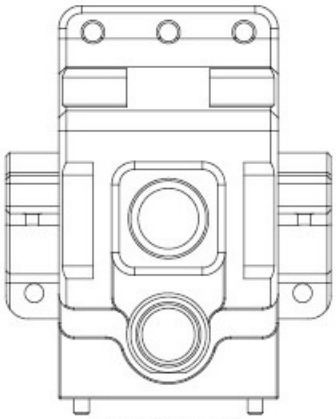
※Fill with oil up to the level of cross shafe.
(Do not fill the diff. to the top)
請填入差速油至完全覆蓋 十字軸。(勿填滿)

STEP 4

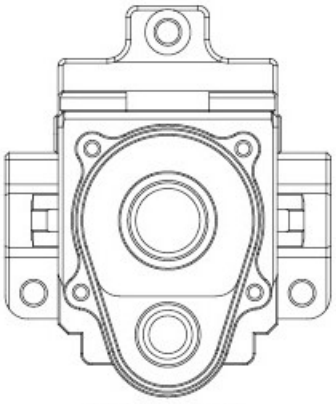


STEP 5





Gear box A ×1
齒箱 A



Gear box B ×1
齒箱 B

1.5×7.8 Shaft ×2
插銷

1.6×9 Shaft ×1
插銷



M3×8 screw ×2
圓頭螺絲



M3×10 screw ×1
圓頭螺絲



4×6×0.3 Spacer ×1
墊片



4×8×3 Ball bearing ×2
培林



4×10×4 Ball bearing ×1
培林



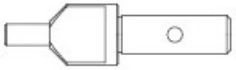
5×10×4 Ball bearing ×1
培林



8×14×4 Ball bearing ×1
培林



Main shaft ×1
主齒軸



Bevel gear shaft ×1
傘齒軸



Driven shaft ×1
傳動軸



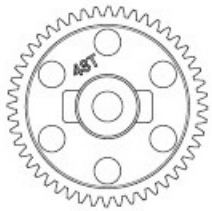
E-Clip 3.0 ×2
E扣 3.0



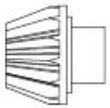
Gear 28T ×1
齒輪 28T



Gear 30T ×1
齒輪 30T

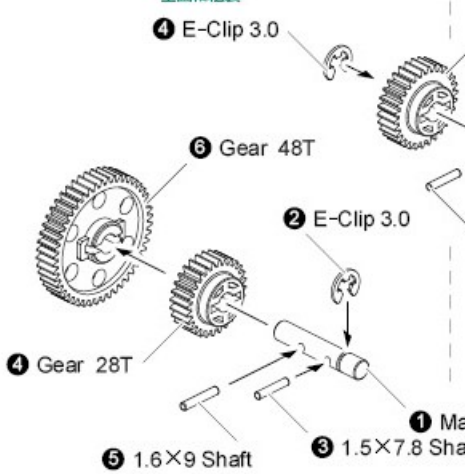


Gear 48T ×1
齒輪 48T

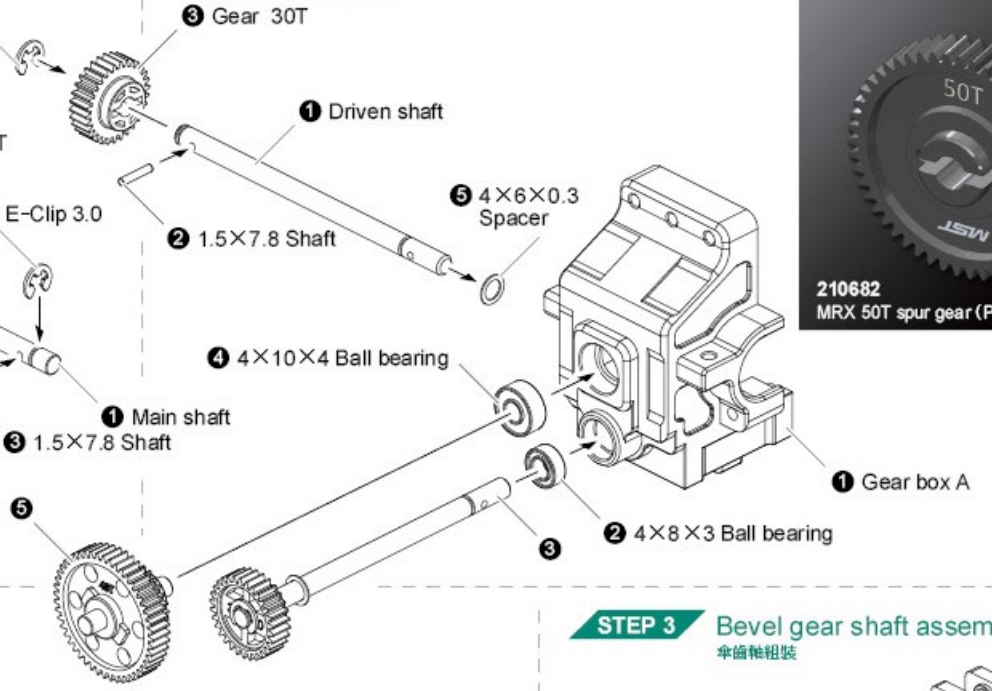


Bevel gear 13T ×1
傘齒軸

STEP 1 Main shaft assembly
主齒軸組裝

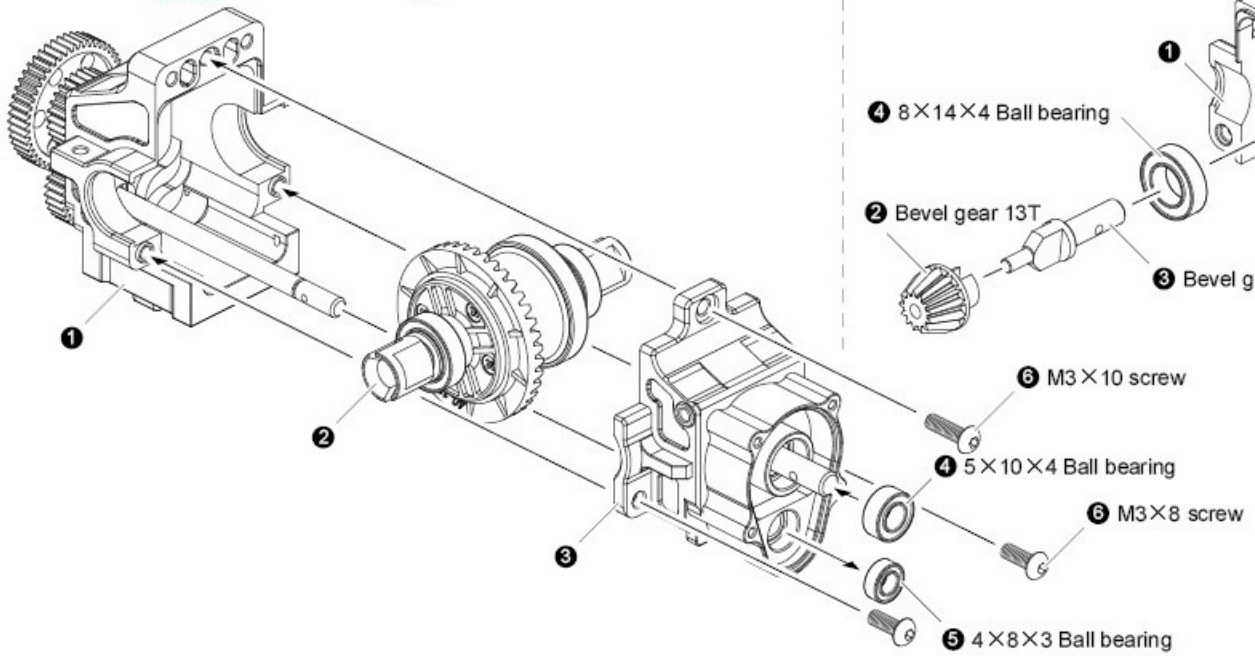


STEP 2 Main shaft assembly
主齒軸組裝

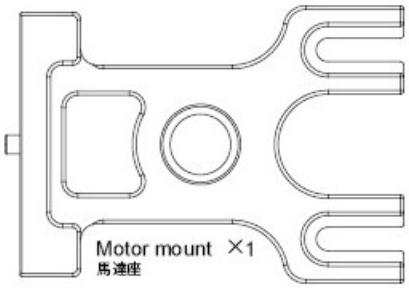


OPTIONAL PARTS

STEP 4 Gear box assembly
齒箱組裝



STEP 3 Bevel gear shaft assembly
傘齒軸組裝




Gear box C ×1
齒箱 C


E-Clip 3.0 ×1
E扣 3.0


1.5×7.8 Shaft ×1
插銷


2×11.8 Shaft ×1
插銷


MST-PVC Sticker ×1
MST-PVC貼紙


4×8×3 Ball bearing ×1
培林

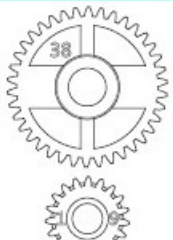
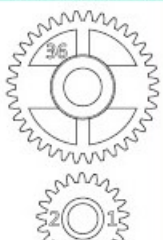

4×10×4 Ball bearing ×1
培林

5×10×4 Ball bearing ×1
培林


M3×10 screw ×2
沉頭螺絲

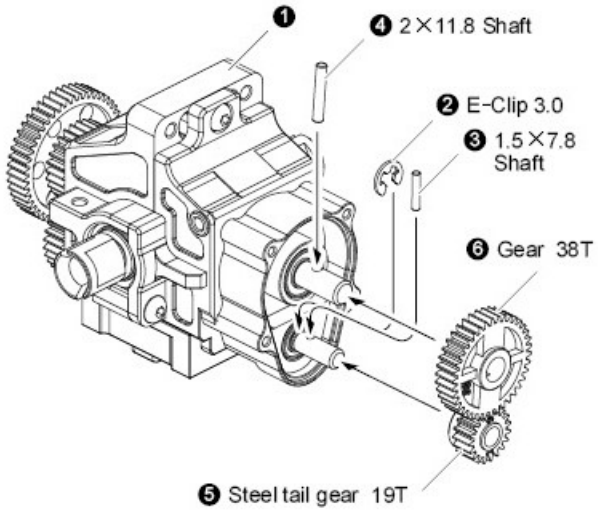

M3×8 screw ×4
沉頭螺絲


M2×10 screw ×4
有頭螺絲

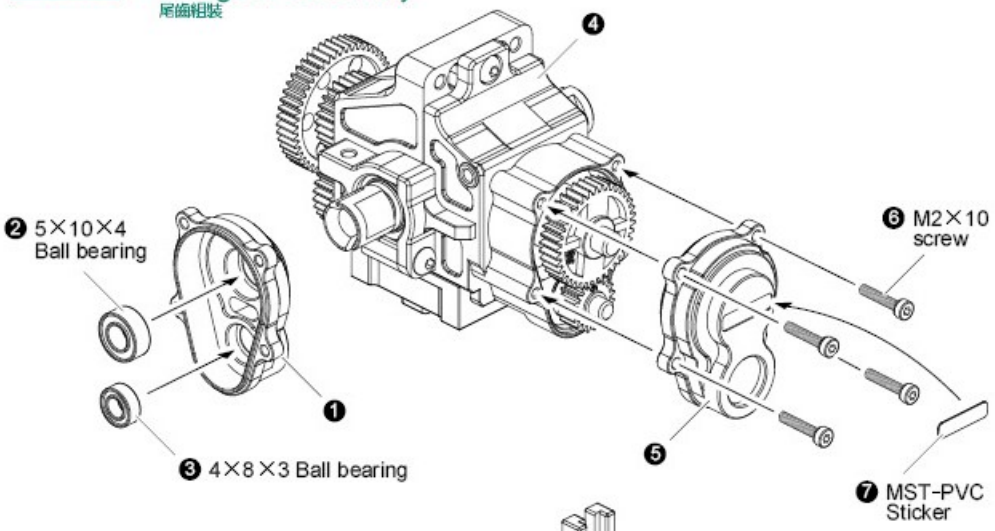
High Gear Ratio	Low Gear Ratio
	
Tail gear 38/19T ×1 齒輪 38/19 T	Tail gear 36/21T ×1 齒輪 36/21 T


Steel tail gear 19/21 T ×1
鋼製齒輪 19/21 T

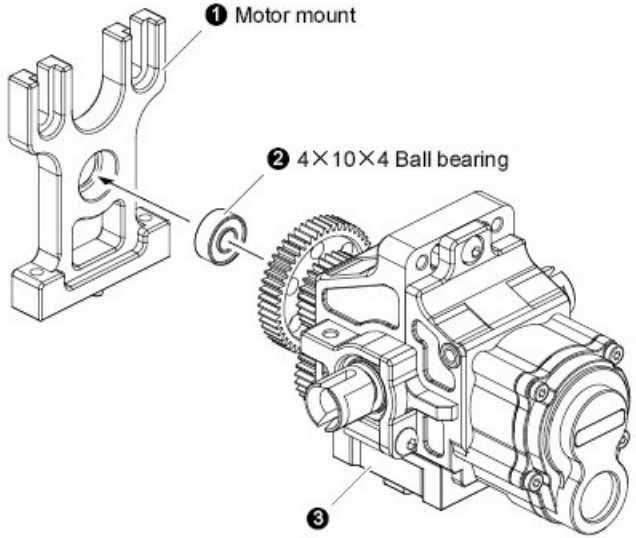
STEP 1 Tail gear assembly
尾齒組裝



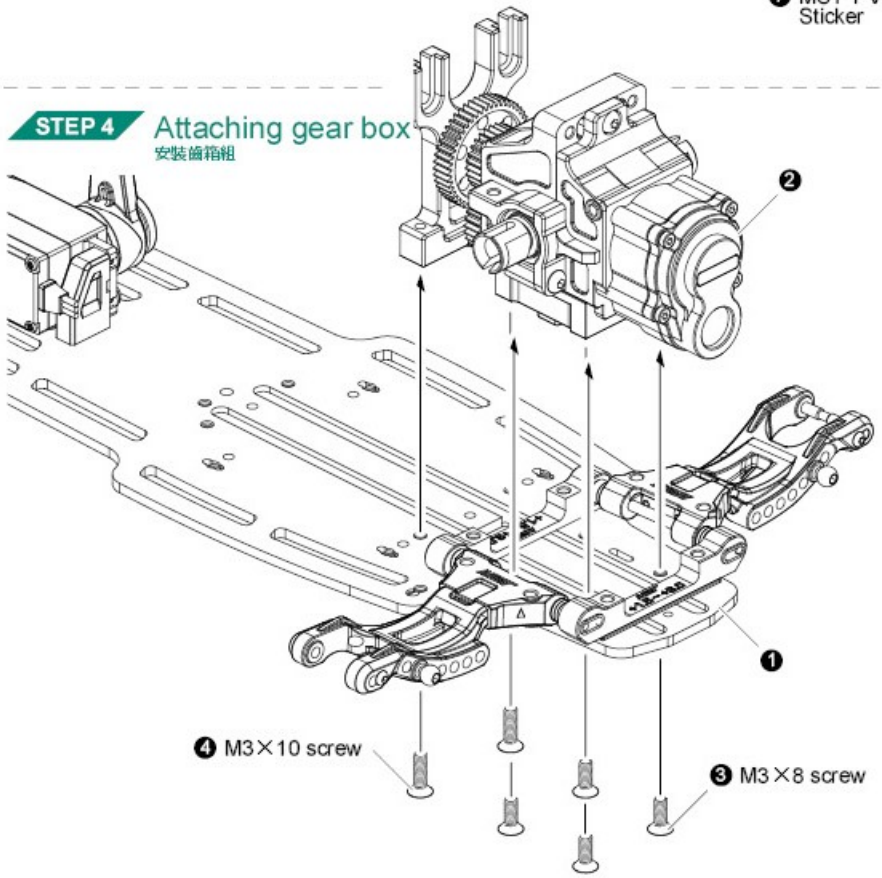
STEP 2 Tail gear assembly
尾齒組裝



STEP 3 Motor mount assembly
安裝馬達座



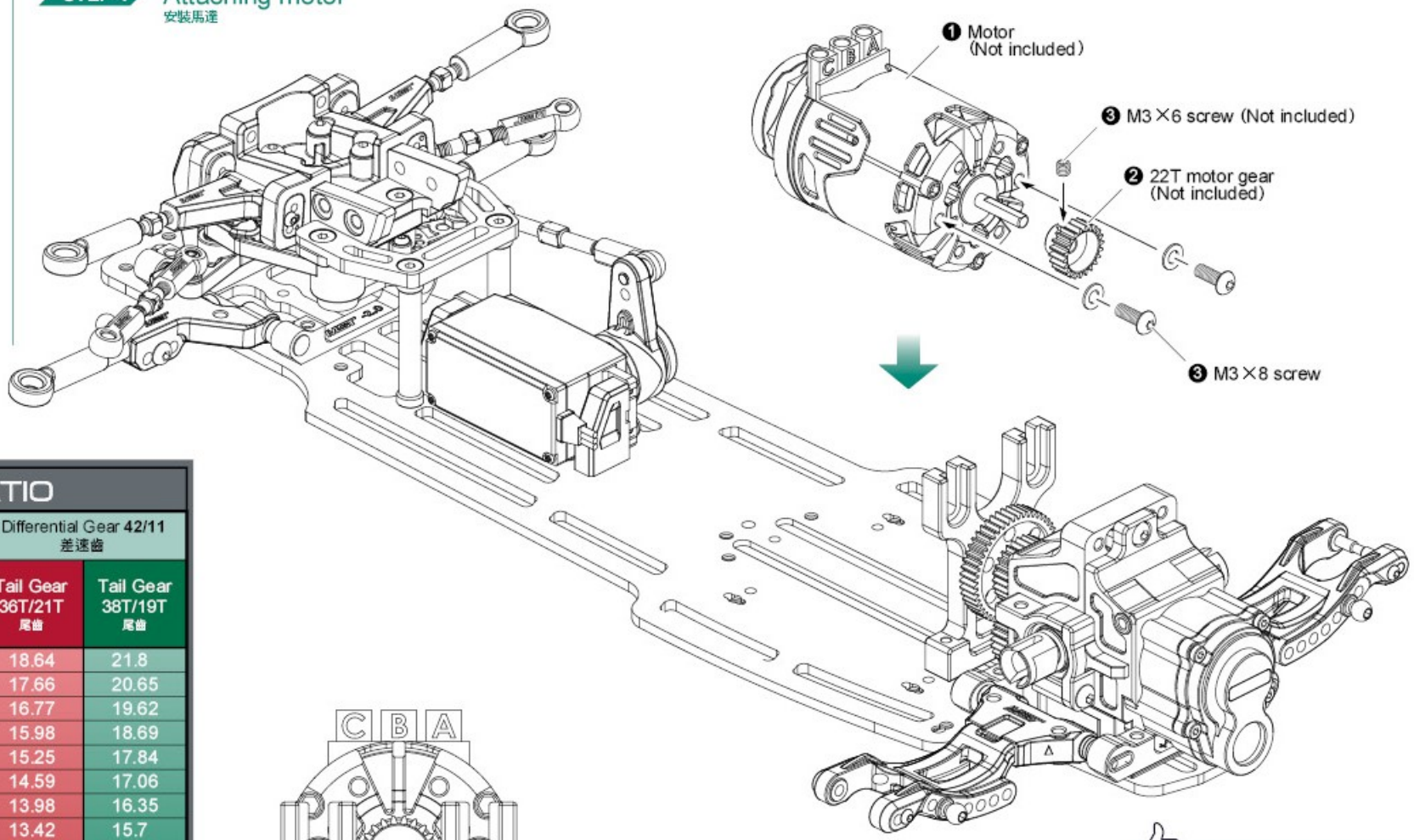
STEP 4 Attaching gear box
安裝齒箱組



M3×8 screw ×2
圓頭螺絲

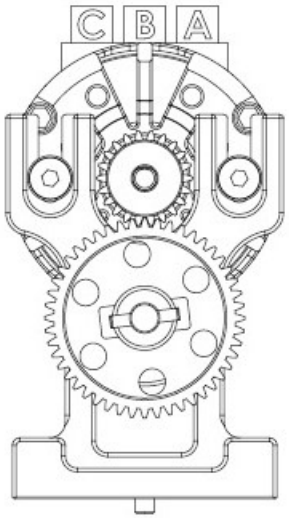
3×6×0.5 Spacer ×2
墊片

STEP 1 Attaching motor
安裝馬達



MRX GEAR RATIO

MRX		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



Adjust for proper space.
請調整適當齒隙。

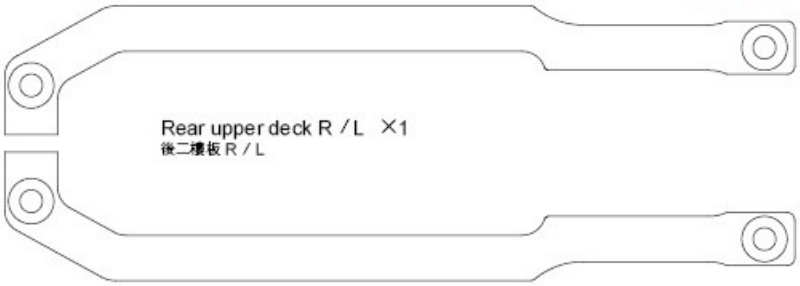
※MRX motor gear clearance adjustment tips.
MRX 馬達齒間隙調整小技巧。

OPTIONAL PARTS



210036
Bevel gear set 42-11

STEP 1 Attaching rear upper deck
安裝後二樓板

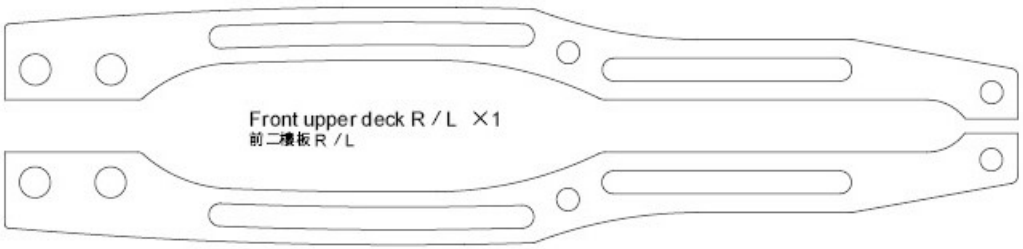




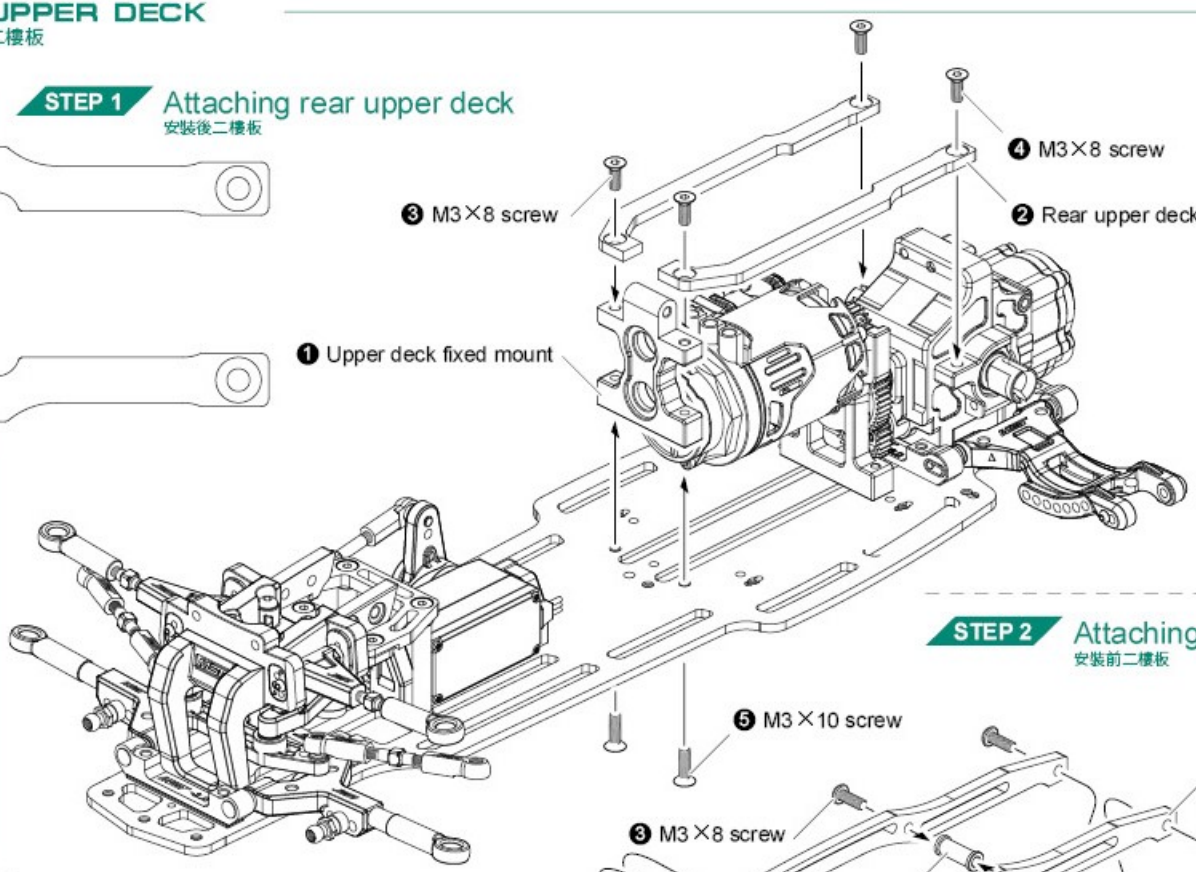




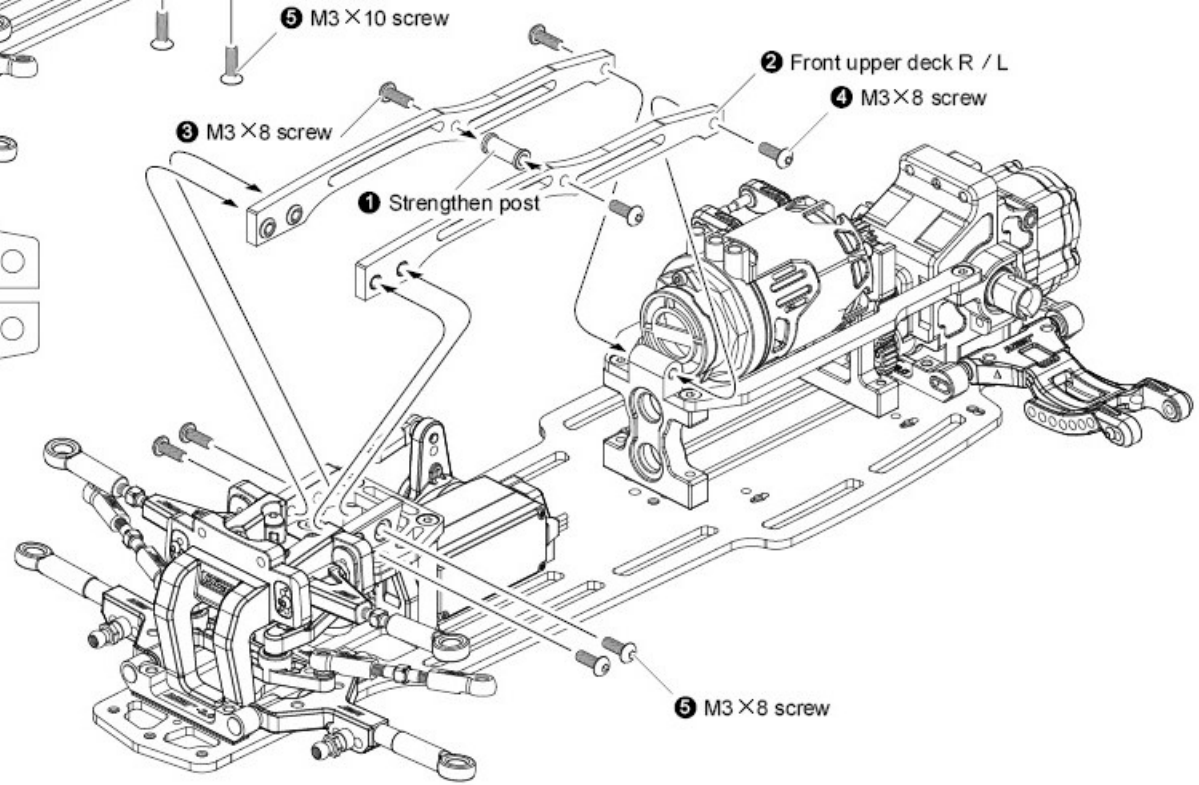








STEP 2 Attaching front upper deck
安裝前二樓板



※Please use a caliper for precise measurements.
請使用卡尺進行精確測量



Front dmaper stay ×1
前避震架



Rear dmaper stay ×1
後避震架



4.8 Ball connector ×8
外六角球頭



M3×8 screw ×2
沉頭螺絲



M3×10 screw ×10
圓頭螺絲



M3×16 Alum. turnbuckle ×2
鋁合金可調拉桿



M3×28 Alum. turnbuckle ×2
鋁合金可調拉桿

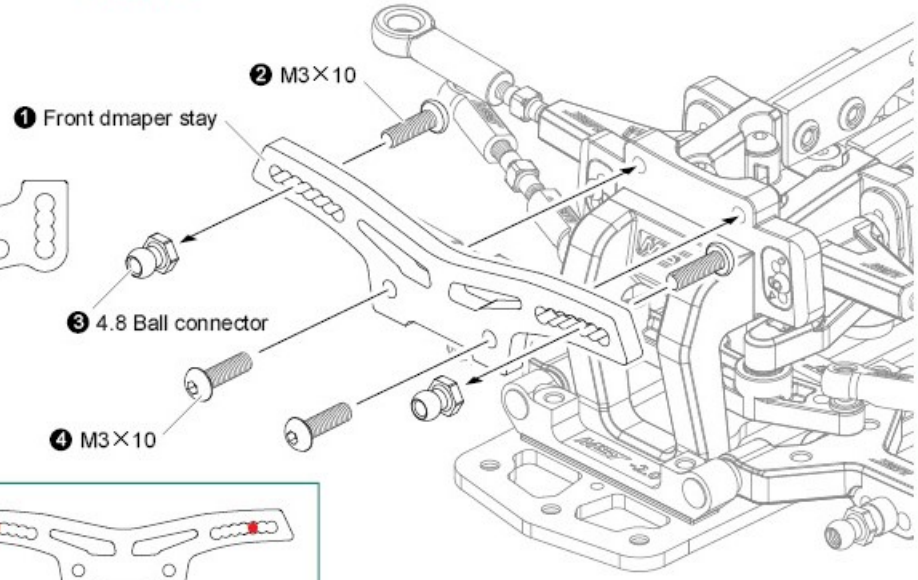


4.8 Adjuster S ×2
拉桿頭

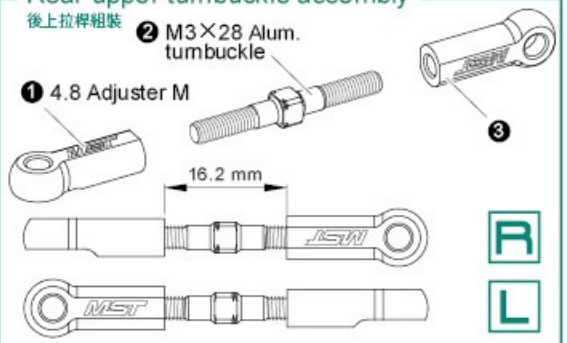


4.8 Adjuster M ×6
拉桿頭

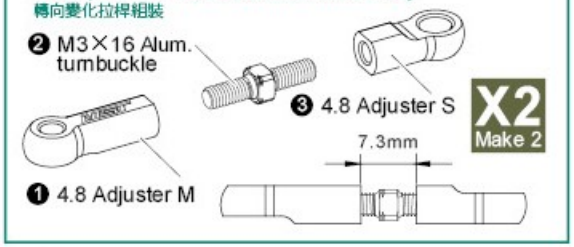
STEP 1 Attaching front damper stay
安裝前避震架



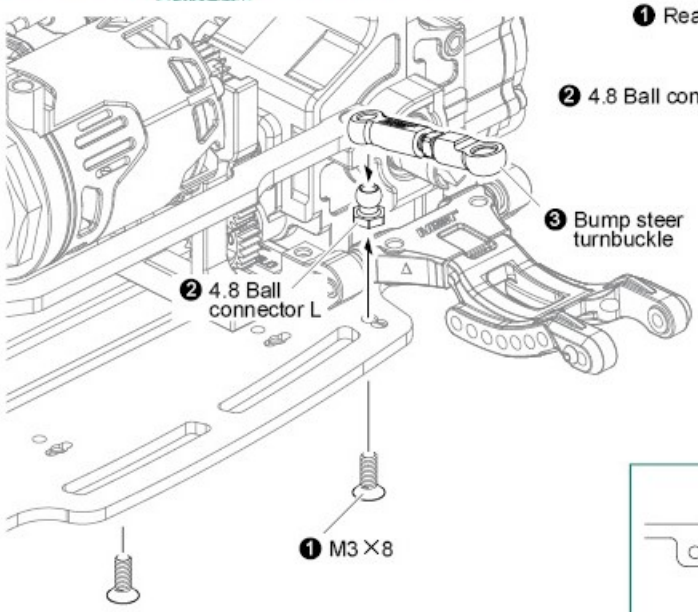
Rear upper turnbuckle assembly
後上拉桿組裝

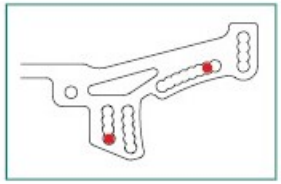


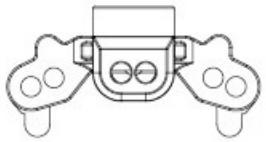
Bump steer turnbuckle assembly
轉向變化拉桿組裝



STEP 2 Attaching rear damper stay
安裝後避震架







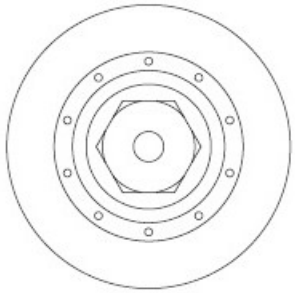
Front upright ×2
前輪座



Brake calipers mount ×2
剎車卡鉗座



Brake calipers ×2
剎車卡鉗



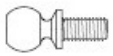
Wheel hubs (large)
(brake disc shaped) ×2
六角輪座(大)(剎車碟型)



Wheel hubs ×2
六角輪座



2WD Axle ×2
二驅輪軸



5.8×6 Ball connector L ×4
球頭螺絲(長)



4.8×4.5 Ball connector ×2
球頭螺絲



3×5.5×2 Spacer ×2
墊片



3×5.5×3 Spacer ×2
墊片

Bag 1



M1.6×4 screw ×2
有頭螺絲



M2×4 screw ×2
圓頭螺絲



M2×6 screw ×2
沉頭螺絲



2×9.8 Shaft ×2
插銷

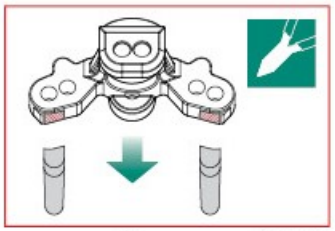


5×8 Ball bearing ×4
培林



5×7×0.3 Spacer ×2
墊片

STEP 1 Front axle assembly
前輪座組裝

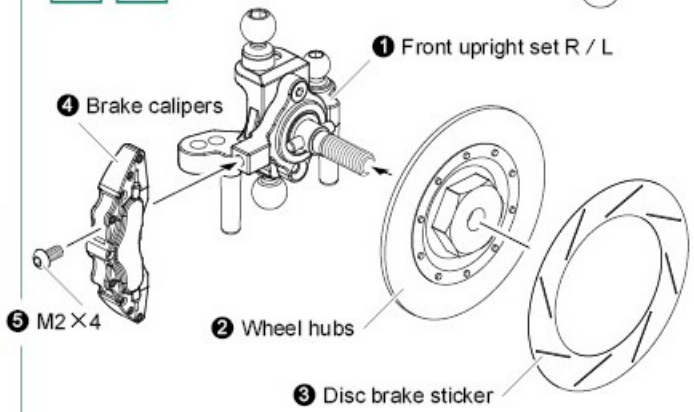


R

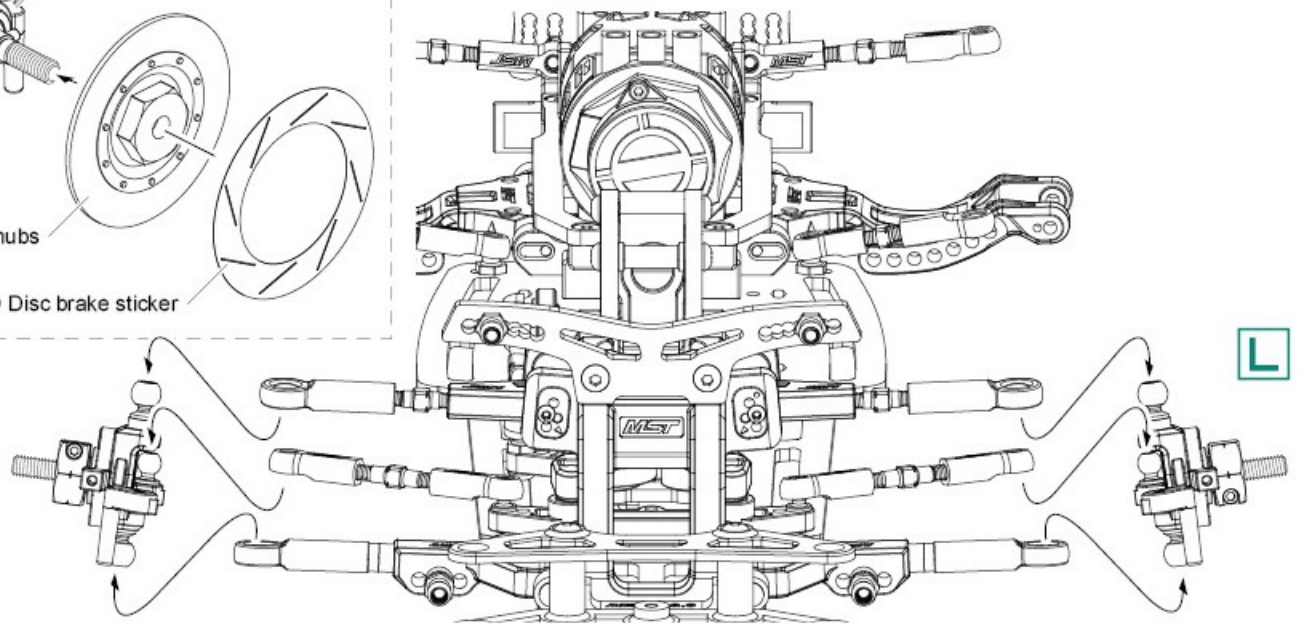
L

STEP 1 Wheel hubs assembly (Brake disc shaped)
煞車碟盤型輪座組裝

R L

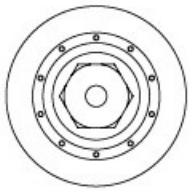


STEP 2 Attaching front axle
安裝前輪座

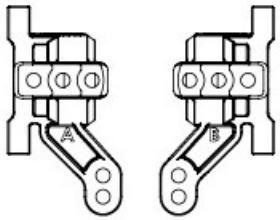


R

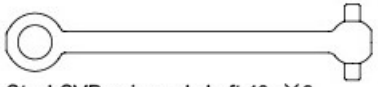
L



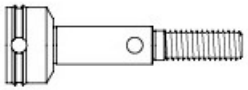
Wheel hubs (small) (brake disc shaped) ×2
六角輪座(小)(剎車碟型)



Rear upright A/B
後輪座 A/B



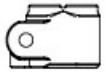
Steel CVD universal shaft 40 ×2
鋼製CVD傳動軸 40



Wheel axle ×2
萬向接杯



2.6×25 Shaft ×2
插銷



Rear upright mount ×2
輪座固定座



4.8 Ball connector L ×2
外六角球頭 (長)



4.8×4.5 Ball connector ×2
球頭螺絲



M1.6×4 screw ×2
有頭螺絲



M2×4 screw ×6
圓頭螺絲



M3×2.6 screw ×2
止付螺絲



M3×12 screw ×2
止付螺絲



M2.5×12 screw ×2
沉頭螺絲



Upright mount cover ×2
固定座下蓋



6×8×1 spacer ×2
墊片



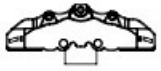
5×10 Ball bearing ×4
培林



6×10 Ball bearing ×4
培林



Wheel hubs ×2
六角輪座



Brake calipers ×2
剎車卡鉗



Cross joint ×2
連接軸



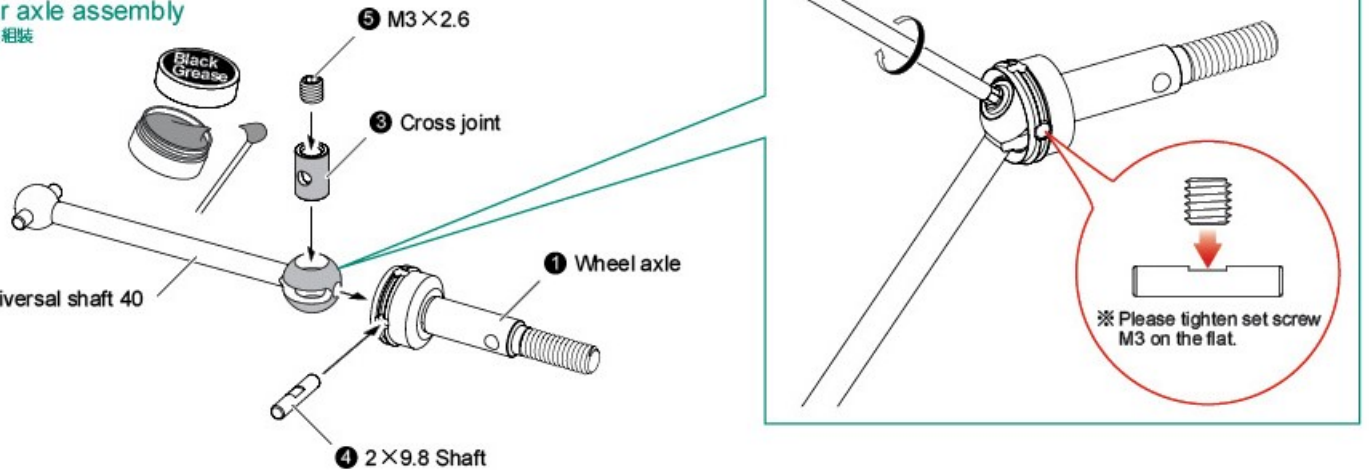
2×9.8 Shaft ×2
插銷



2×9.8 Shaft ×2
插銷

STEP 1 Rear axle assembly
後輪座組裝

X2 Make 2



STEP 2

