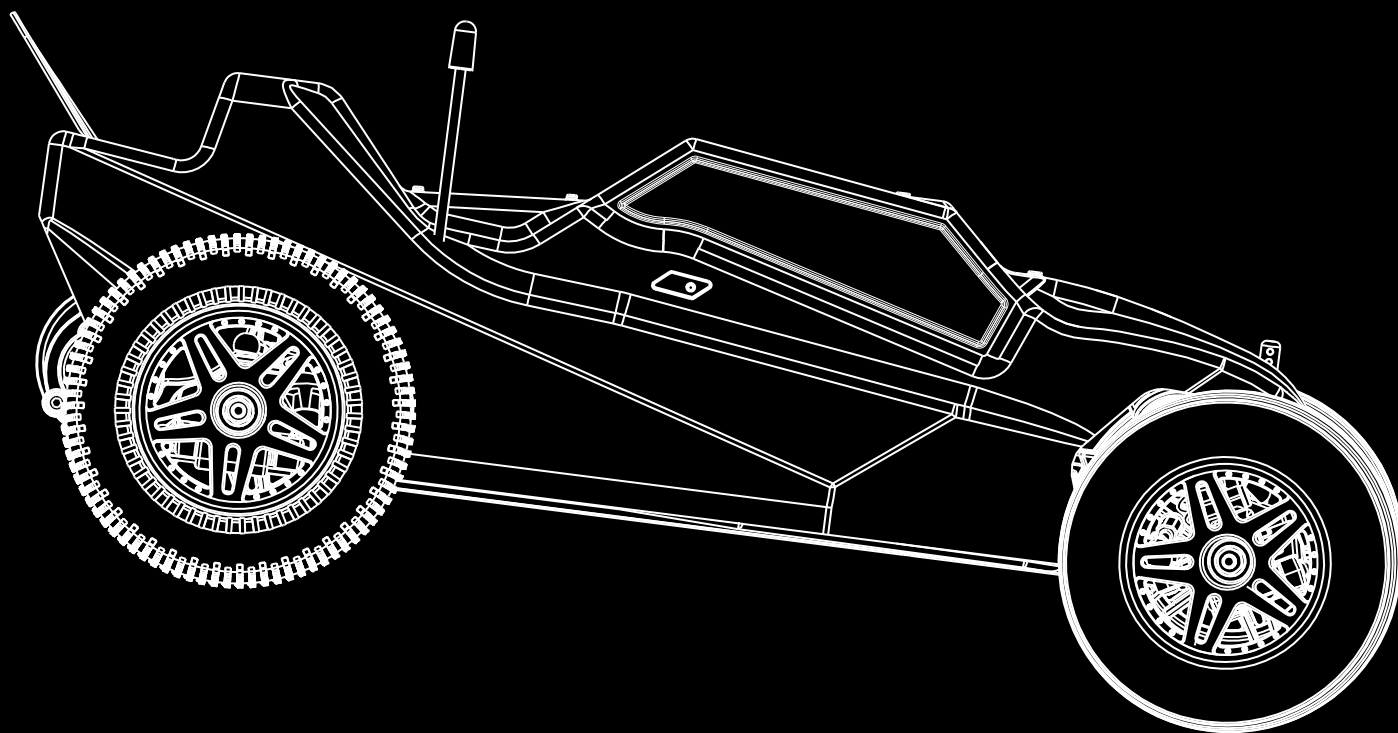


PR51V3T

1/10 ELECTRIC 2WD RACING PRO KIT



WARNING!

Thank you for purchasing this PR product. This kit is not a toy! It will require periodic maintenance & effort to keep it in top running condition. There are many extremely dangerous moving parts, such as the metal gears, motors and etc. Coming in contact with these during operation of the car may cause serious injury! Always check your radio operation system before running the car. Always switch off the car first before turning off the radio to avoid losing control. Safe operation will ensure great fun and enjoyment.

● BEFORE INSTALLATION	01
● BAG A	03-06
Chassis Guard Installation	
Servo Saver	
Steering Servo	
● BAG B	06-11
Front Suspension	
Front Spindle (Left Side)	
Front Spindle (Right Side)	
Front Suspension (L/R)	
Front Shock Stay	
Front Suspension	
● BAG C	11-16
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Gear Differential	
Rear Shock Stay	
Rear Gear Box	
● BAG D	17-21
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Shock Spring	
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Rear Suspension	
Motor	
Battery Plate	
Tires	
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● SETUP SHEET	22-23
● SPARE PARTS & OPTIONAL PARTS	24-28

BEFORE INSTALLATION

- 1 Read through the instruction manual before installation in order to have an overview of what to do.
- 2 Check if there is any missing bags or defective parts, if there is, please contact our local dealer or our PR Distributor.
- 3 Symbols used throughout the instruction manual, comprises of:



Part bags used.



Assemble as many times as specified (here: twice).



Tighten securely.



Note the direction.



True-to-scale diagram.



Do not over tighten.



Must be purchased separately.



Apply threadlocker (screw cement)



Ensure smooth non-binding movement while assembling.



Assemble in the specified order.



Apply grease.



Cut off shaded portion.



Assemble left and right sides the same way.



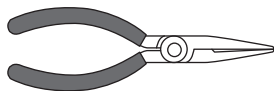
Apply oil.

- 4 This kit contains screws and hardware in different metric sizes and shapes. Before using them, check the screws on the true-to-scale diagrams on the left side in each assembly step. Some screws are extras.

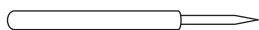
TOOLS REQUIRED

CAUTION: Handle tools carefully!

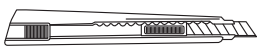
- Needle Nose Pliers



- Awl



- Sharp Hobby Knife



- Grease



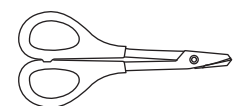
- Wire Cutters



- Screw Cement

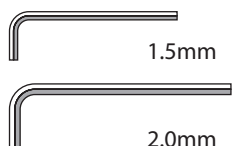


- Round Cutter & Sander



For trimming bodies Cutting along curved lines was never so easy!

- Hex Wrench



- Ball Differential Grease

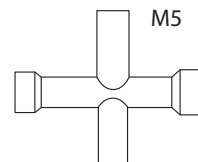


- SP Knife Edge Reamer



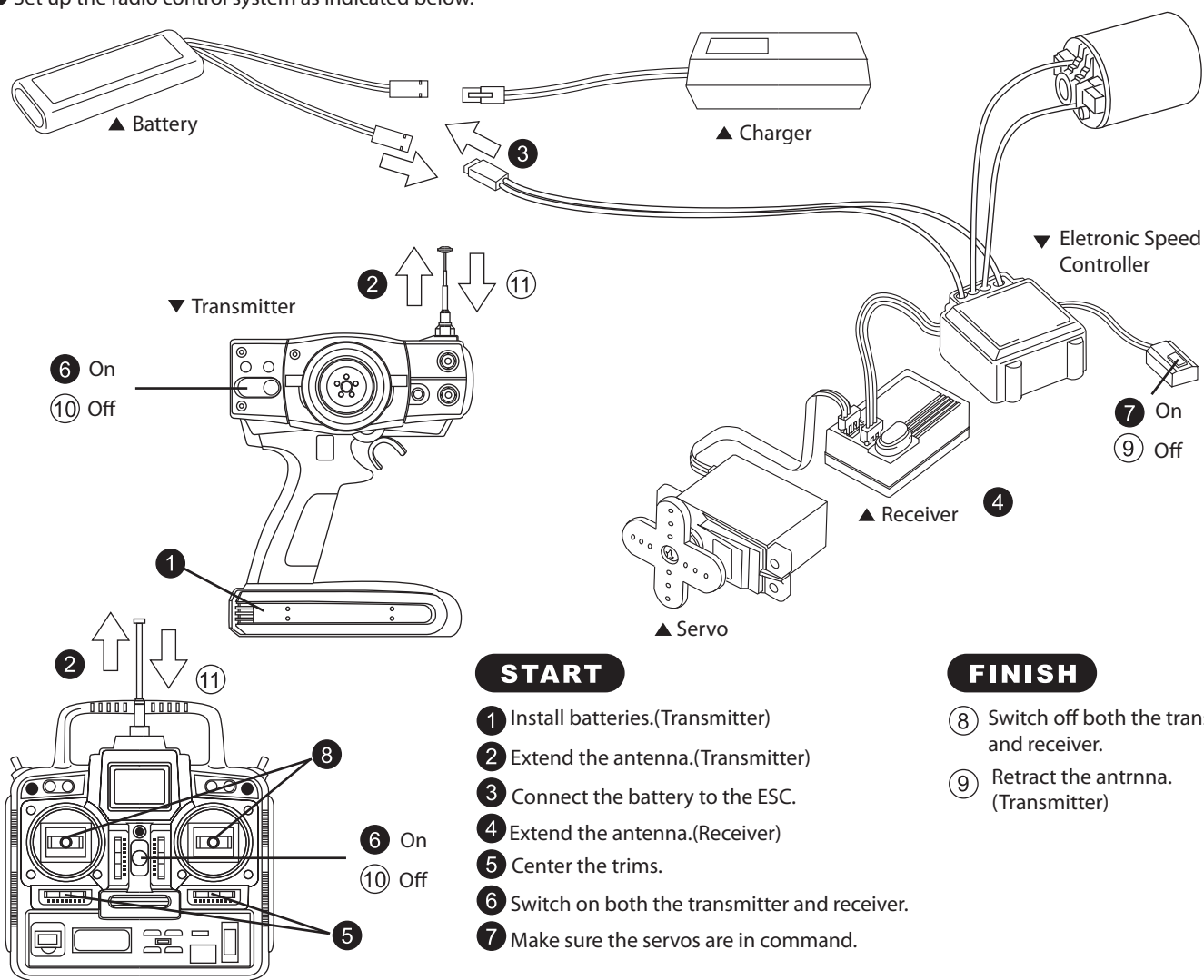
Do not pre-drill as precise drilling of 1mm to 15mm holes can be performed after body shell painted.

- Cross Wrench



RADIO PREPARATION

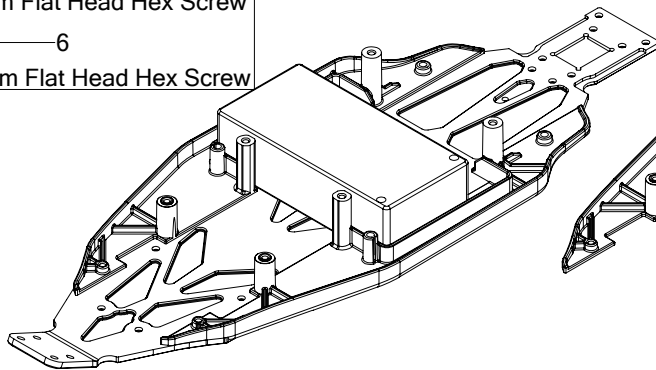
- A new battery must be charged before it is used. Refer to the charger instruction manual for charging.
- Set up the radio control system as indicated below.



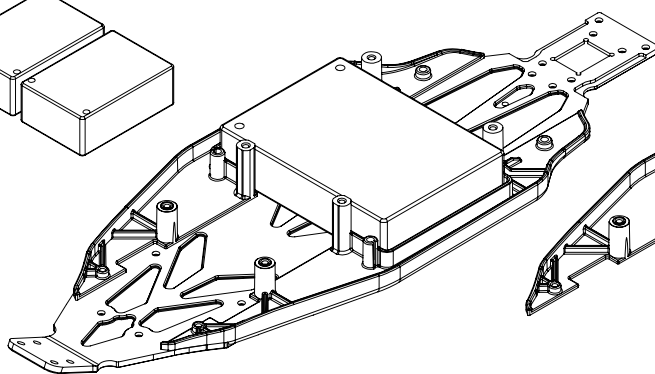
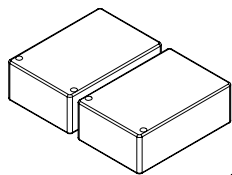


A1 Chassis Guard Installation

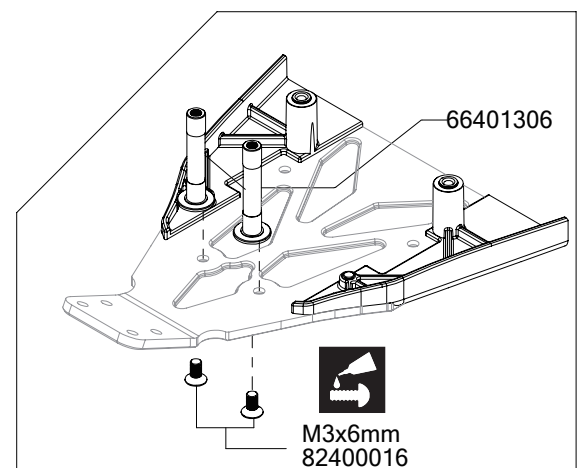
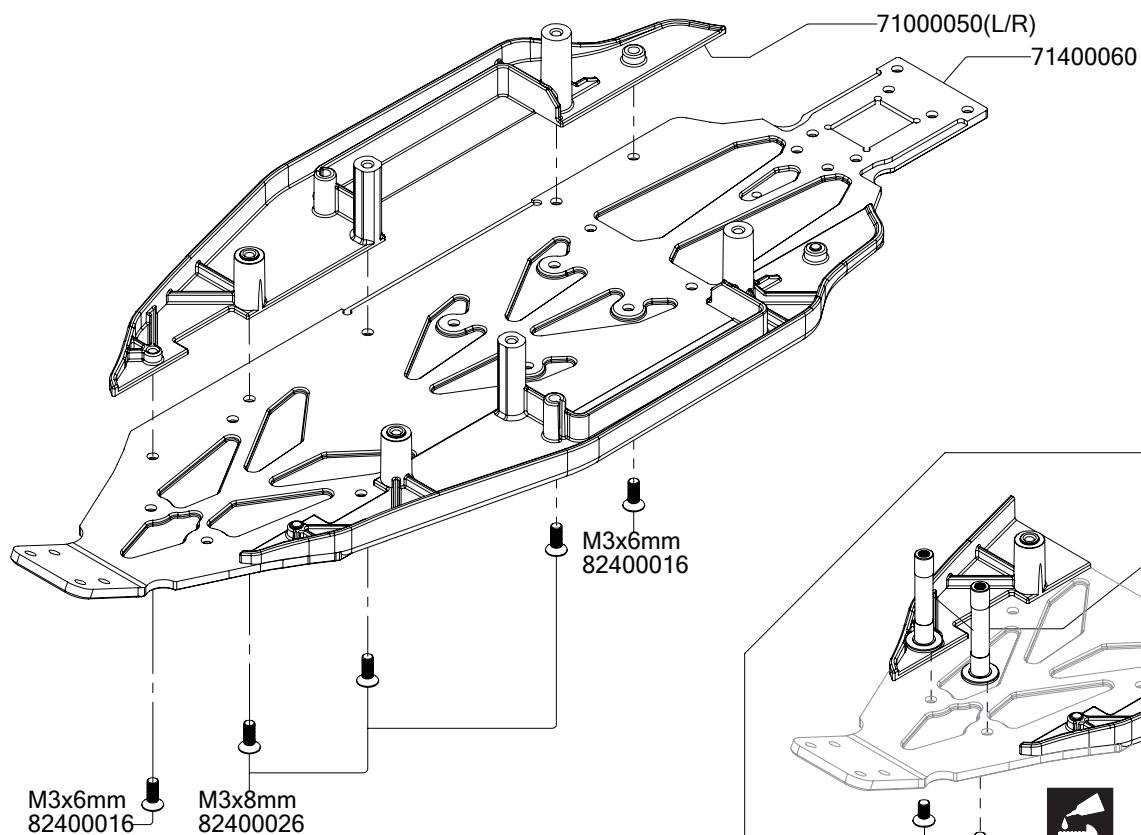
- 6
M3X6mm Flat Head Hex Screw
- 6
M3X8mm Flat Head Hex Screw



選用短型電池的玩家,請將厚度1mm的海綿貼至左右側板,以達到保護電池的緩衝與固定。
The player who chooses shorty battery, please paste the foam to left and right mud guard (The thickness is 1mm.) to protect battery and let it be buffering and firm.

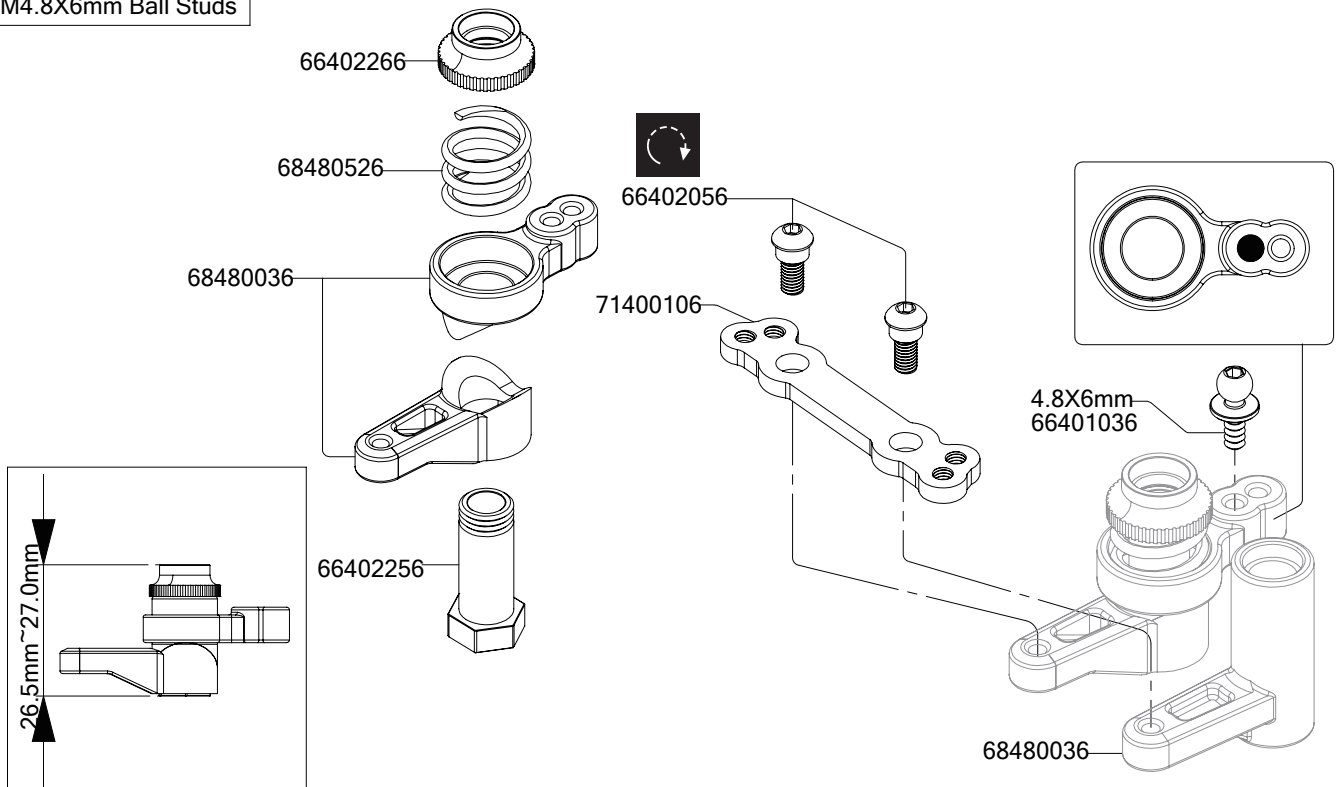
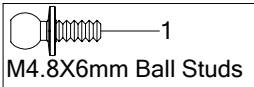


選用分置電池的玩家,請將厚度3mm的海綿貼至左右側板,以達到保護電池的緩衝與固定。
The player who chooses saddle battery, please paste the foam to left and right mud guard (The thickness is 3mm.) to protect battery and let it be buffering and firm.

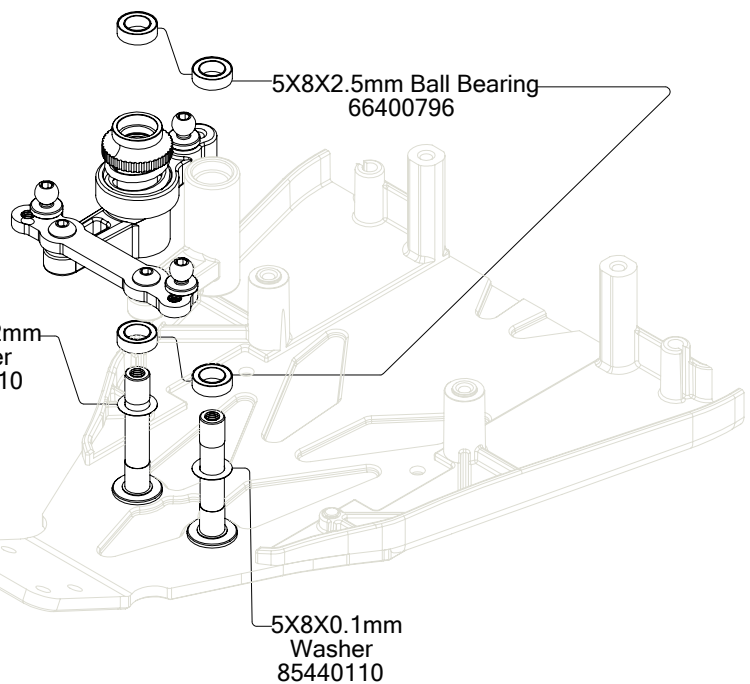
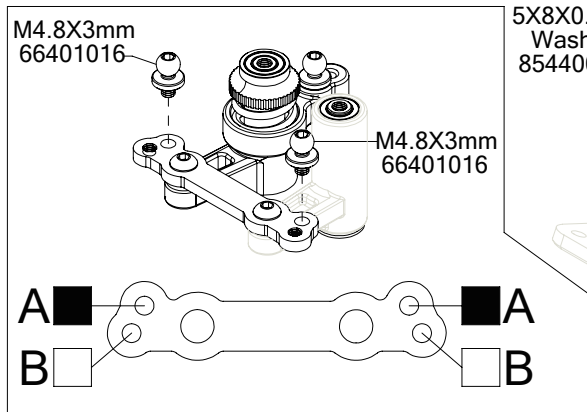
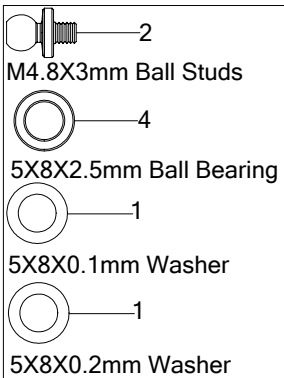




A2 Sewvo Saver



A3 Servo saver



Part Bags used.



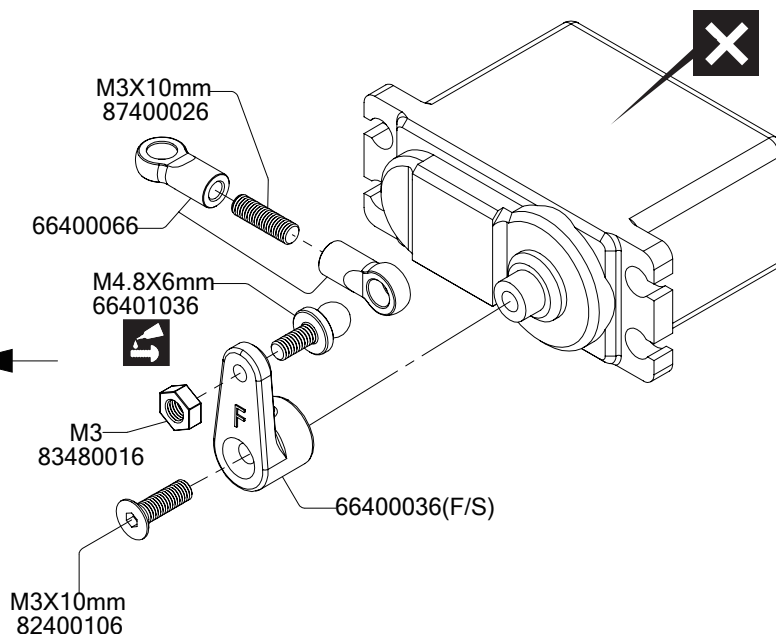
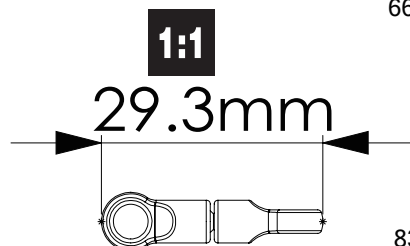
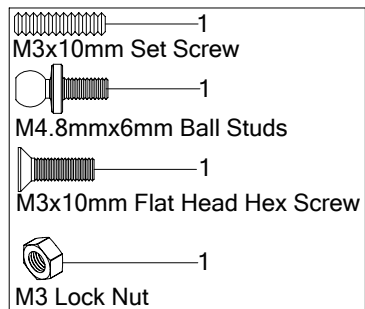
Do not over tighten.



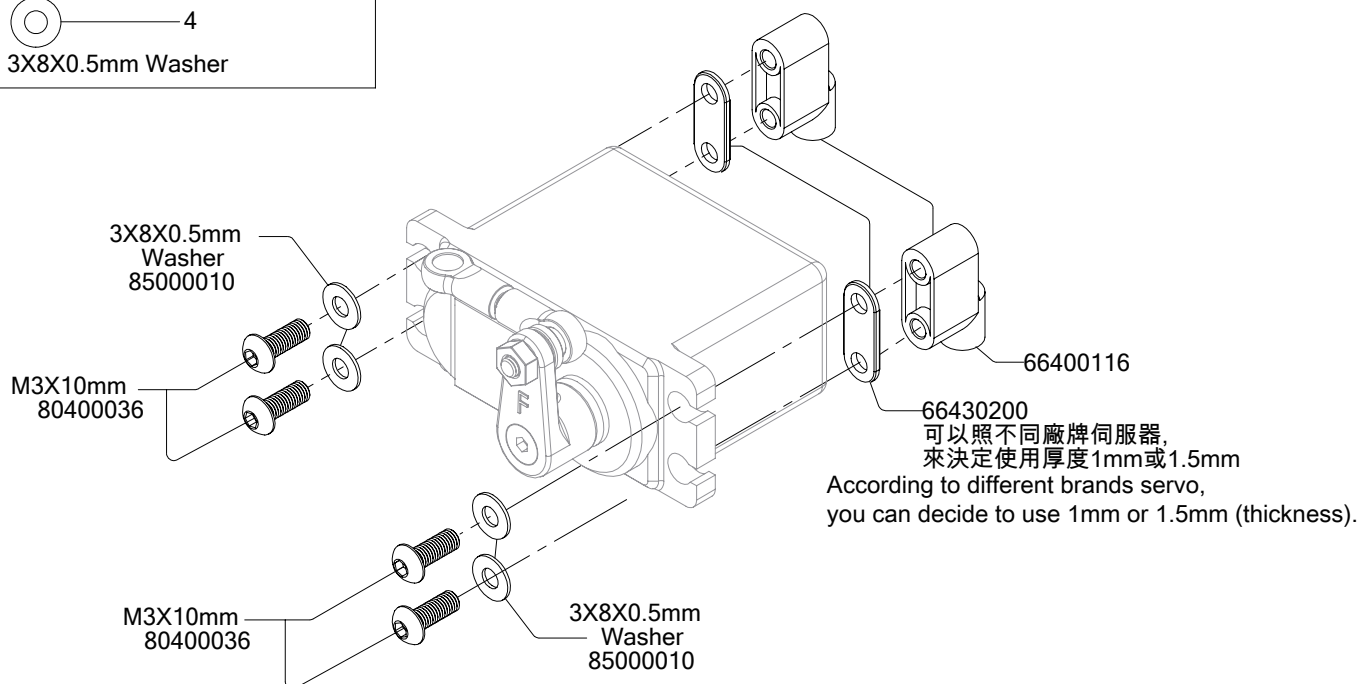
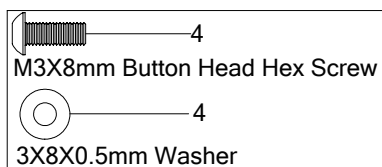
Apply threadlocker (screw cement)



A4 Steering Servo



A5 Steering Servo

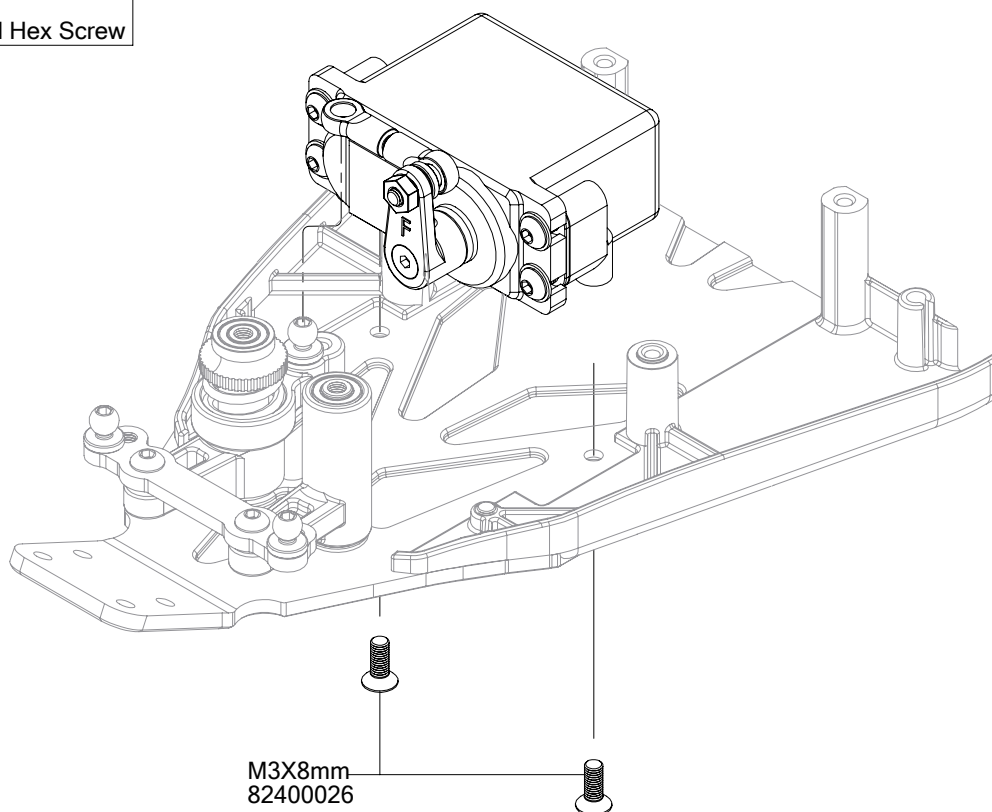




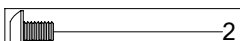
A6 Steering Servo



M3X8mm Flat Head Hex Screw



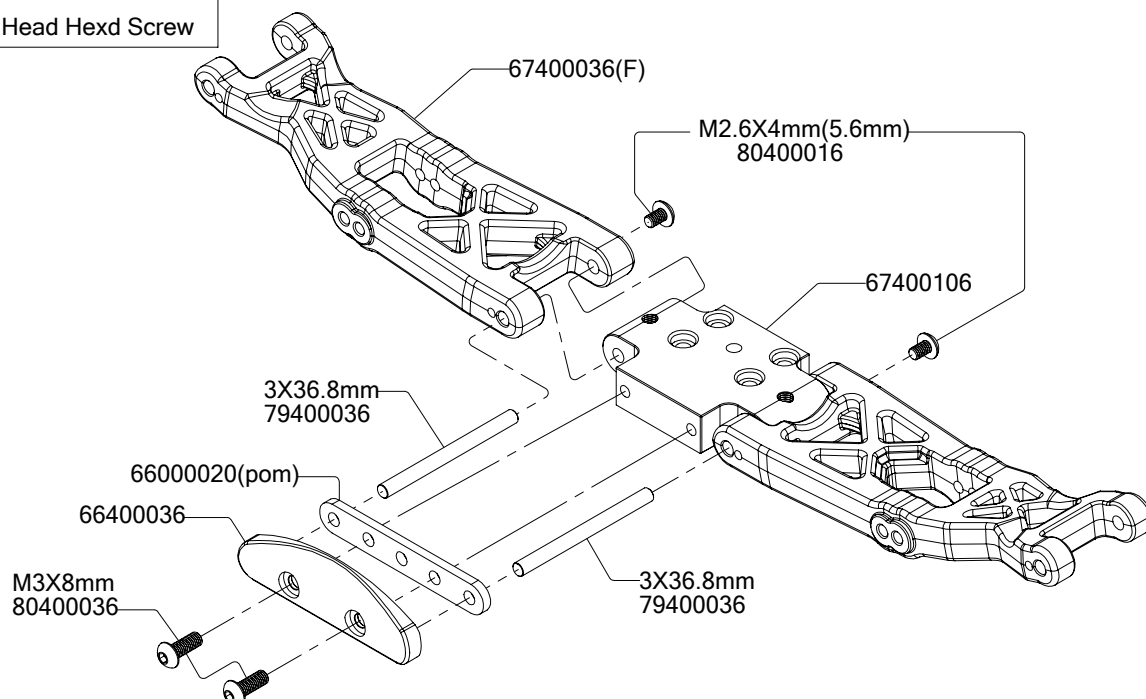
B1 Front Suspension



M2.6X4mm Button Head Hexd Screw



M3X8mm Button Head Hexd Screw



Part Bags used.

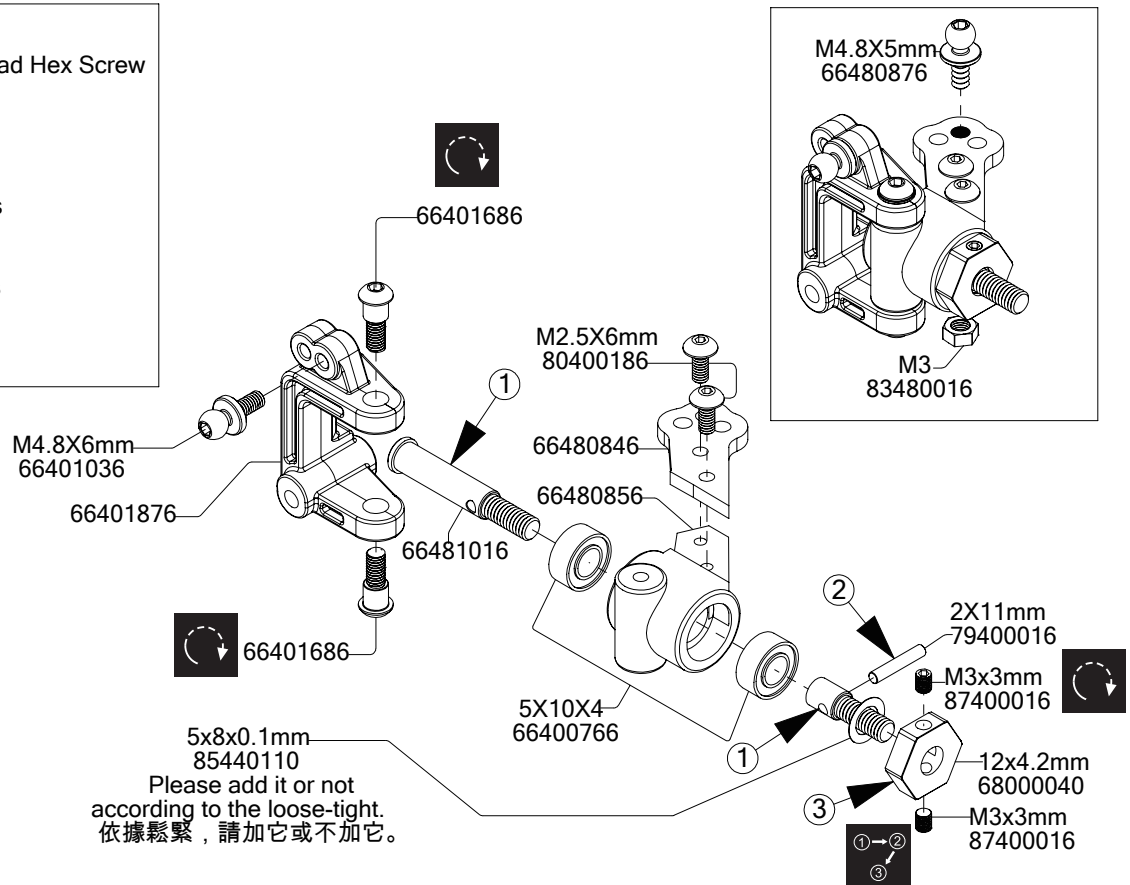


Do not over tighten.



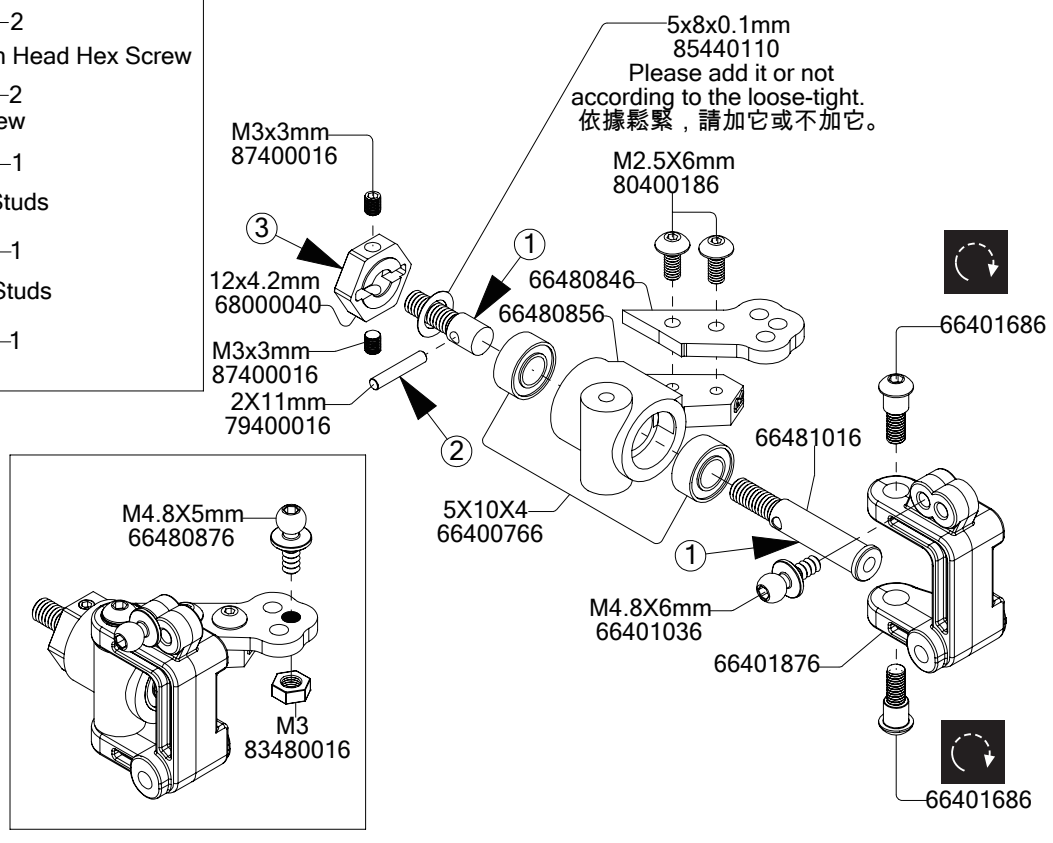
B2 Front Spindle[Left Side]

-  2
 M2.5X6mm Button Head Hex Screw
 2
 M3X3mm Set Screw
 1
 M4.8X5mm Ball Studs
 1
 M4.8X6mm Ball Studs
 1
 M3 Lock Nut



B3 Front Spindle(Right Side)

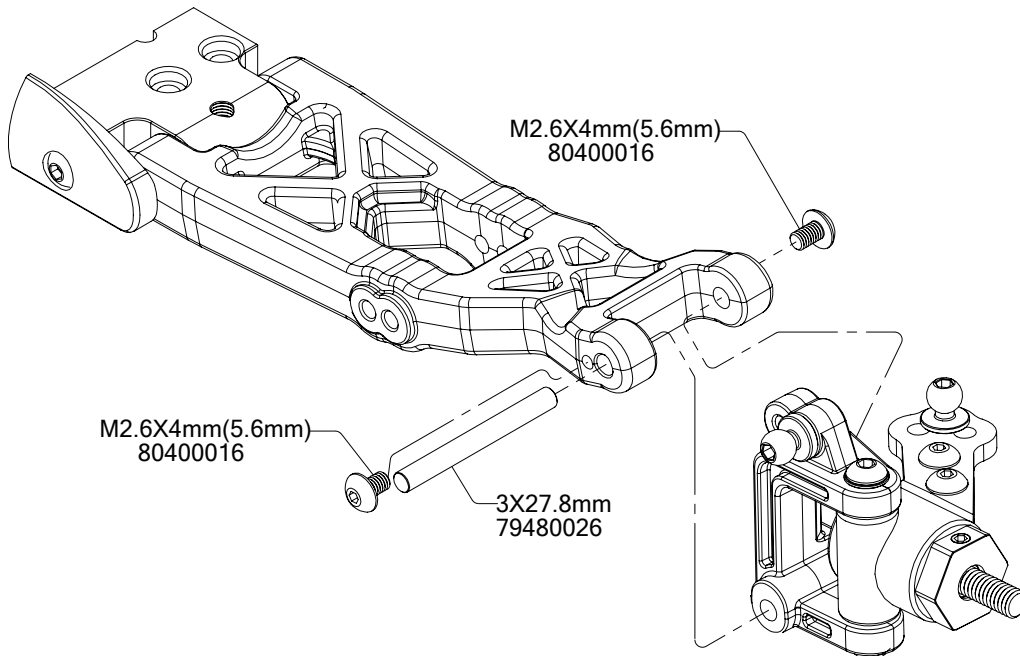
-  2
 M2.5X6mm Button Head Hex Screw
 2
 M3X3mm Set Screw
 1
 M4.8X5mm Ball Studs
 1
 M4.8X6mm Ball Studs
 1
 M3 Lock Nut





B4 Front Suspension(L&R)

4
M2.6X4mm Button Head Hexd Screw



B5 Front Shock Stay

4
M3X8mm Flat Head Hex Screw

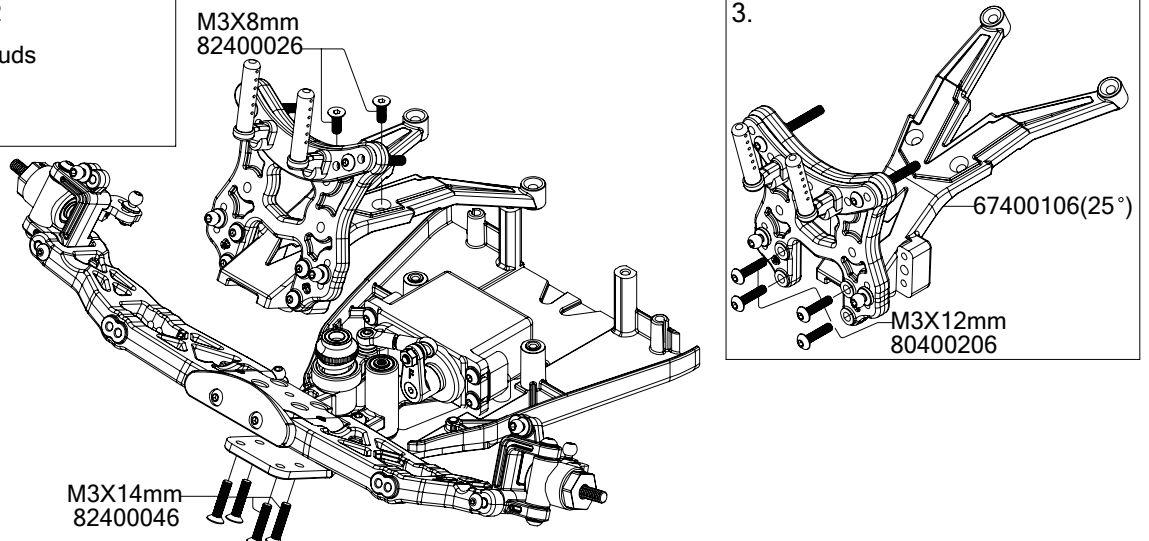
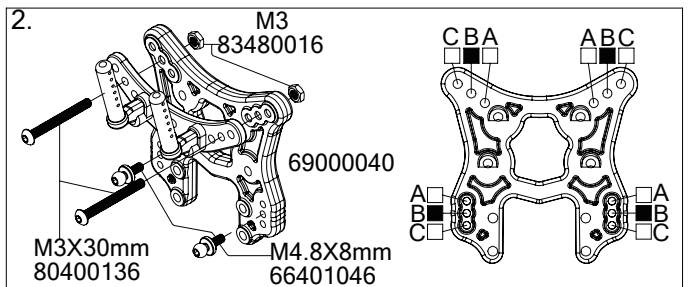
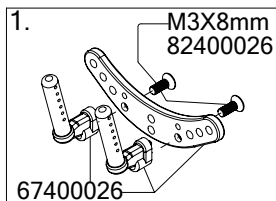
4
M3X12mm Button Head Hex Screw

2
M3X30mm Button Head Hex Screw

4
M3X14mm Flat Head Hex Screw

2
M4.8X8mm Ball Studs

2
M3 Lock Nut

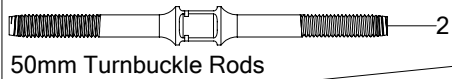


Part Bags used.

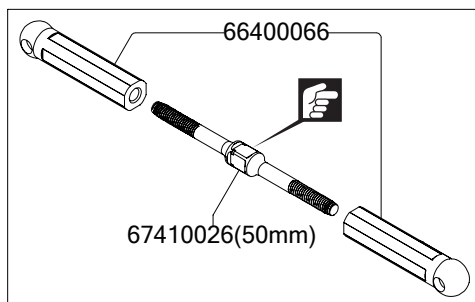


BAG
B

B6 Front Suspension

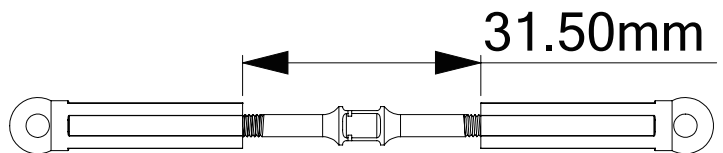
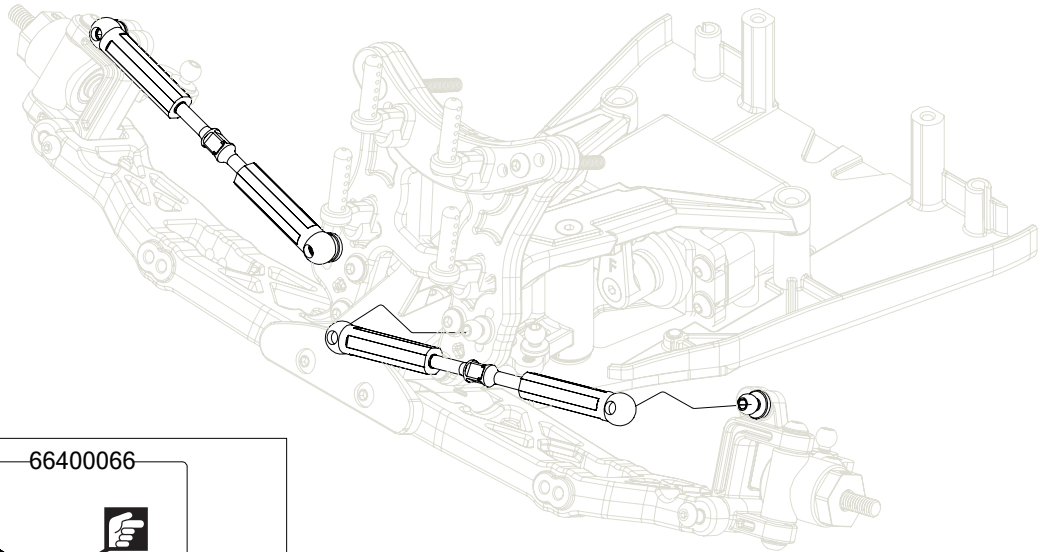


50mm Turnbuckle Rods



66400066

67410026(50mm)

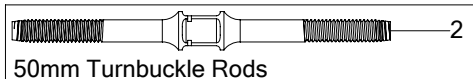


1:1

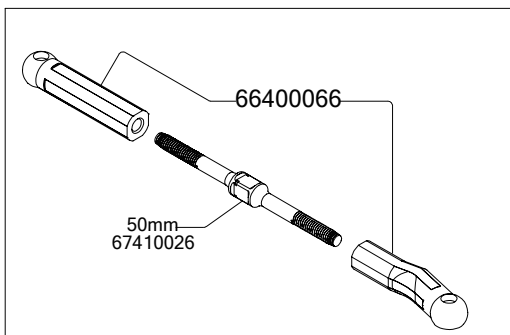


BAG
B

B7 Front Suspension

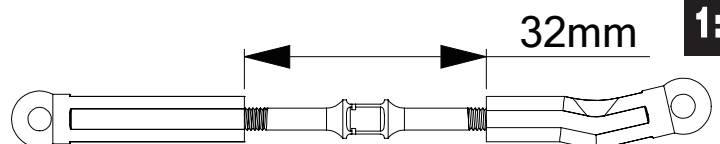
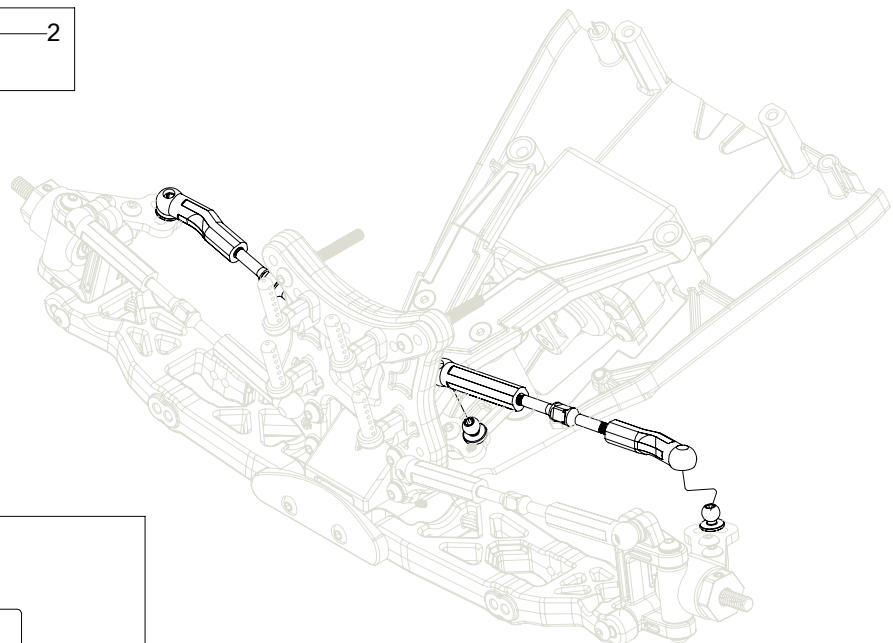


50mm Turnbuckle Rods



66400066

50mm
67410026



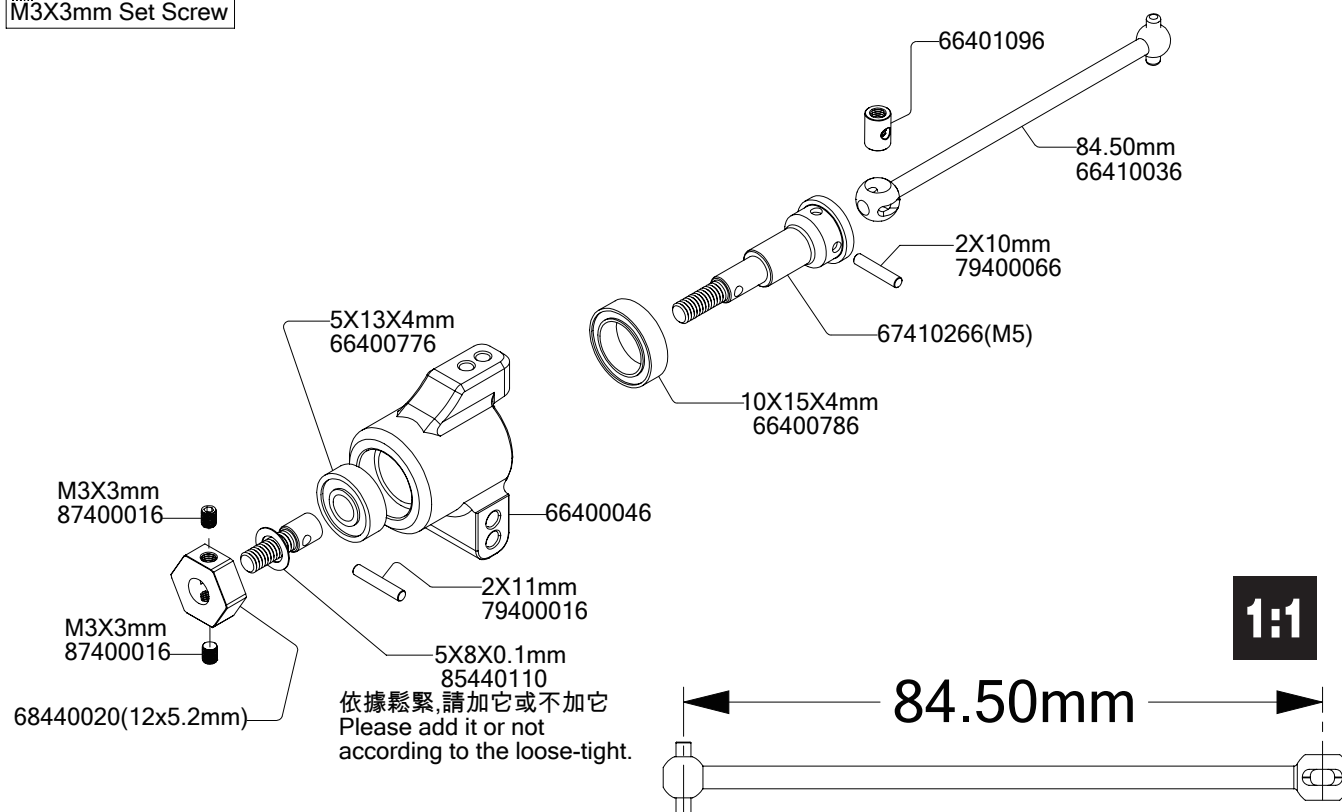
1:1





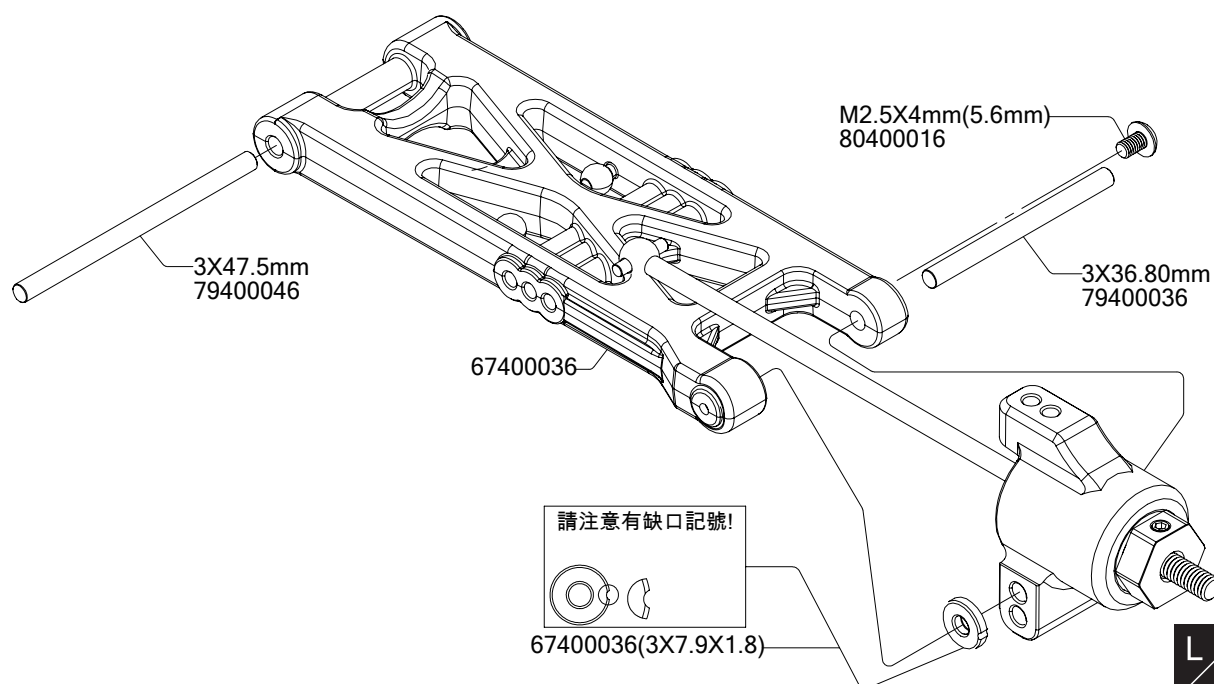
B8 Rear Hud&Cv.

4
M3X3mm Set Screw



B9 Rear Hud (L&R)

2
M2.5X4mm Button Head Hex Screw



Part Bags used.



Assemble left and right sides the same way.

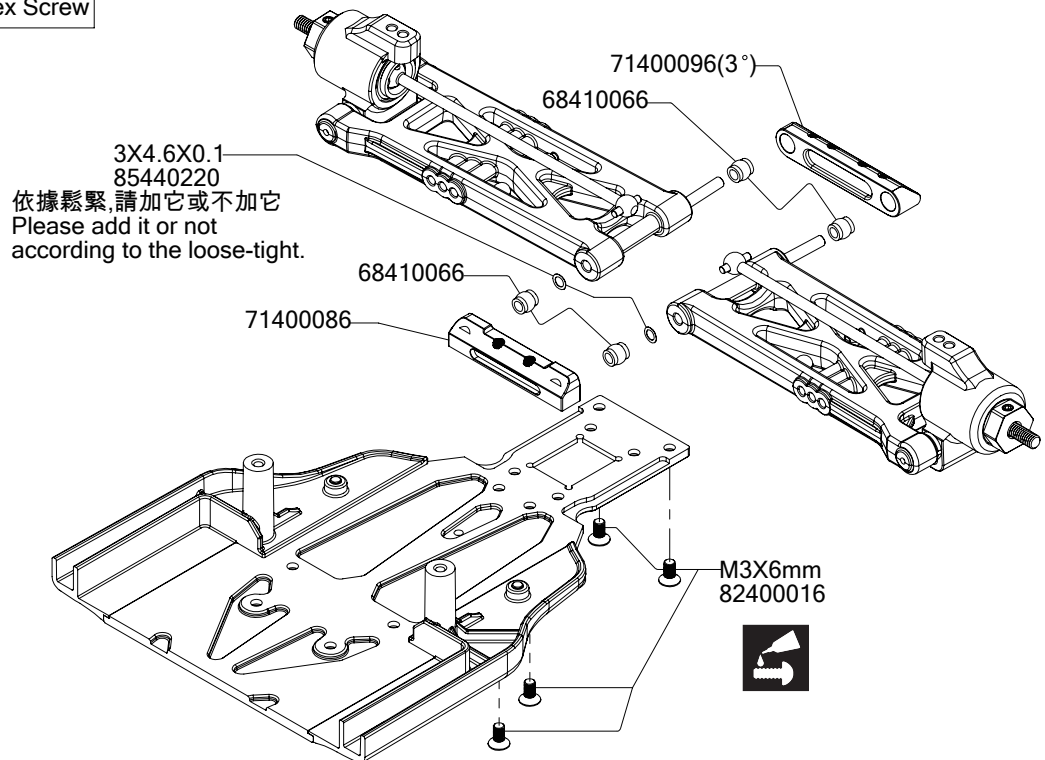


Do not over tighten.



B10 Rear Suspension

4
M3X6mm Flat Head Hex Screw

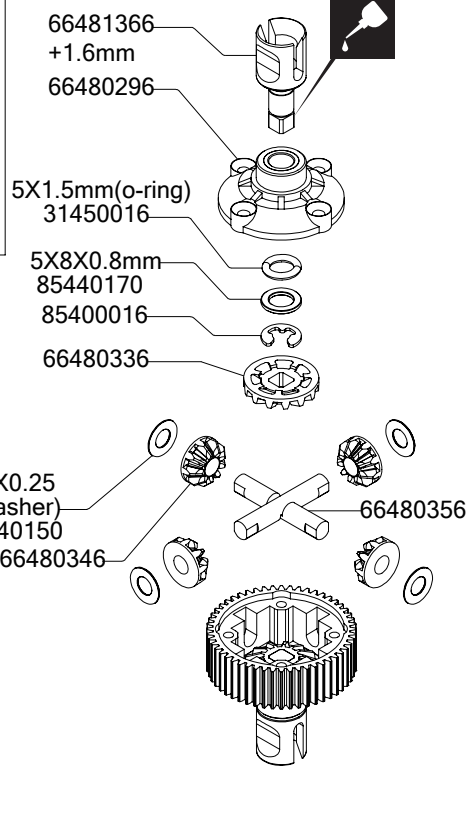


C1 Gear Differential

4
M2.5X8mm Flat Head Hex Screw

2
5X8X0.8mm Washer

4
4X8X0.25mm Washer



M2.5X8mm
82400066

66480366

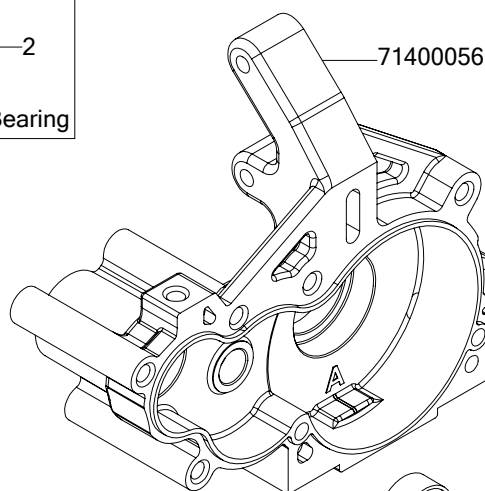
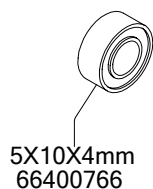
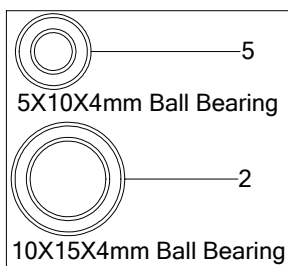
建議濃度為3000至5000差速油
灌至八分滿

The recommendable
density is 3000-5000
differential oil,
please pour in the
differential oil
reached up to 80%.



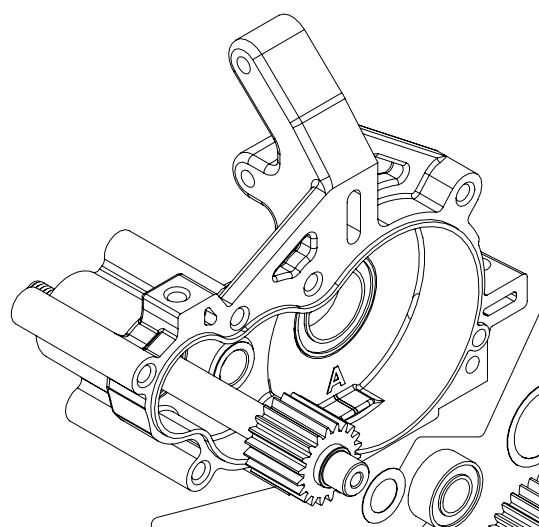


C2 Transmission Assembly



10X15X4mm
66400786

5X10X4mm
66400766



5x8x0.1mm
85440110
Please add it or not
according to the loose-tight.
依據鬆緊，請加它或不加它。

10x12.5x0.1
85440230
Please add it or not
according to the loose-tight.
依據鬆緊，請加它或不加它。

請在齒輪上塗上少許的潤滑油，以達到更順暢的運轉
(建議使用所附的高級潤滑白色油脂-19460026)

10x12.5x0.1
85440230
Please add it or not
according to the loose-tight.
依據鬆緊，請加它或不加它。

Top Shaft(20t)Light Whight
66480646

5X10X4mm
66400766

34t
66410056

5X10X4mm
66400766

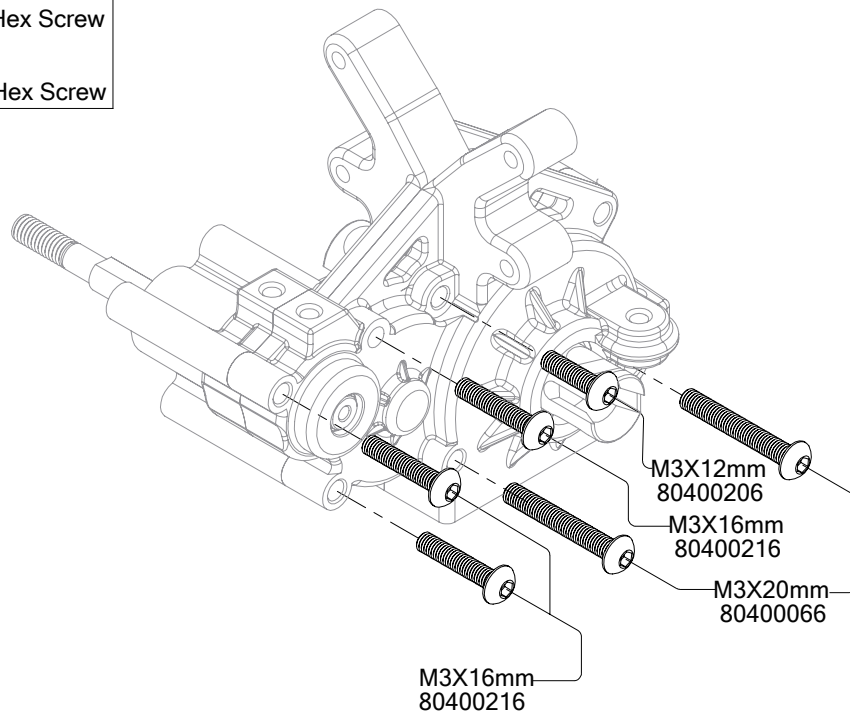
5X18mm Shaft Set Pin
66480226





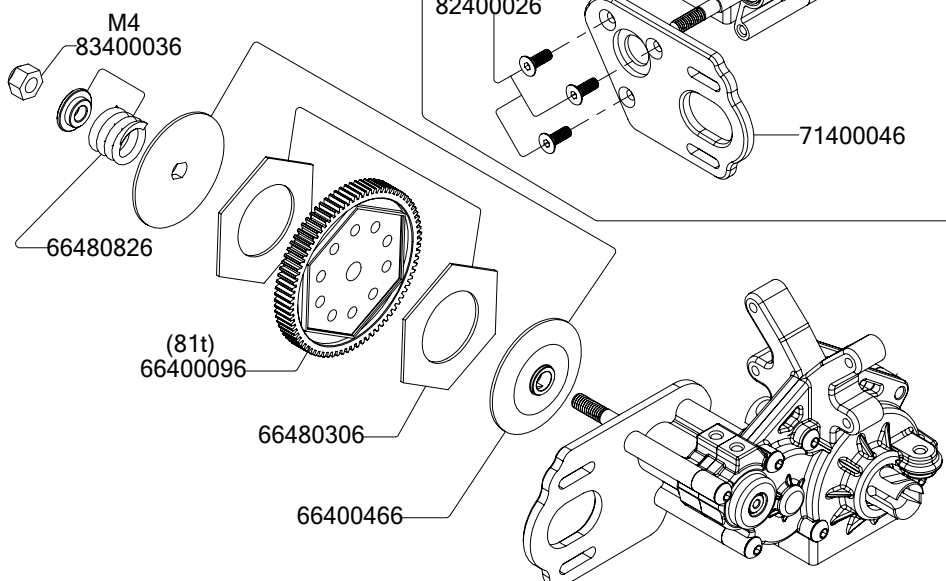
C3 Transmission Assembly

- 1
M3X12mm Button Head Hex Screw
- 3
M3X16mm Button Head Hex Screw
- 2
M3X20mm Button Head Hex Screw

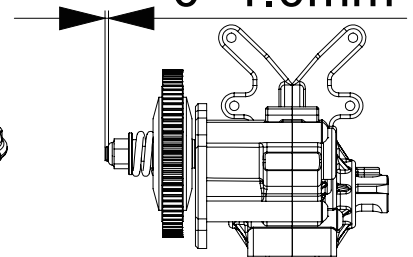


C4 Transmission Assembly

- 3
M3X10mm Flat Head Hex Screw
- 1
M4 Lock Nut



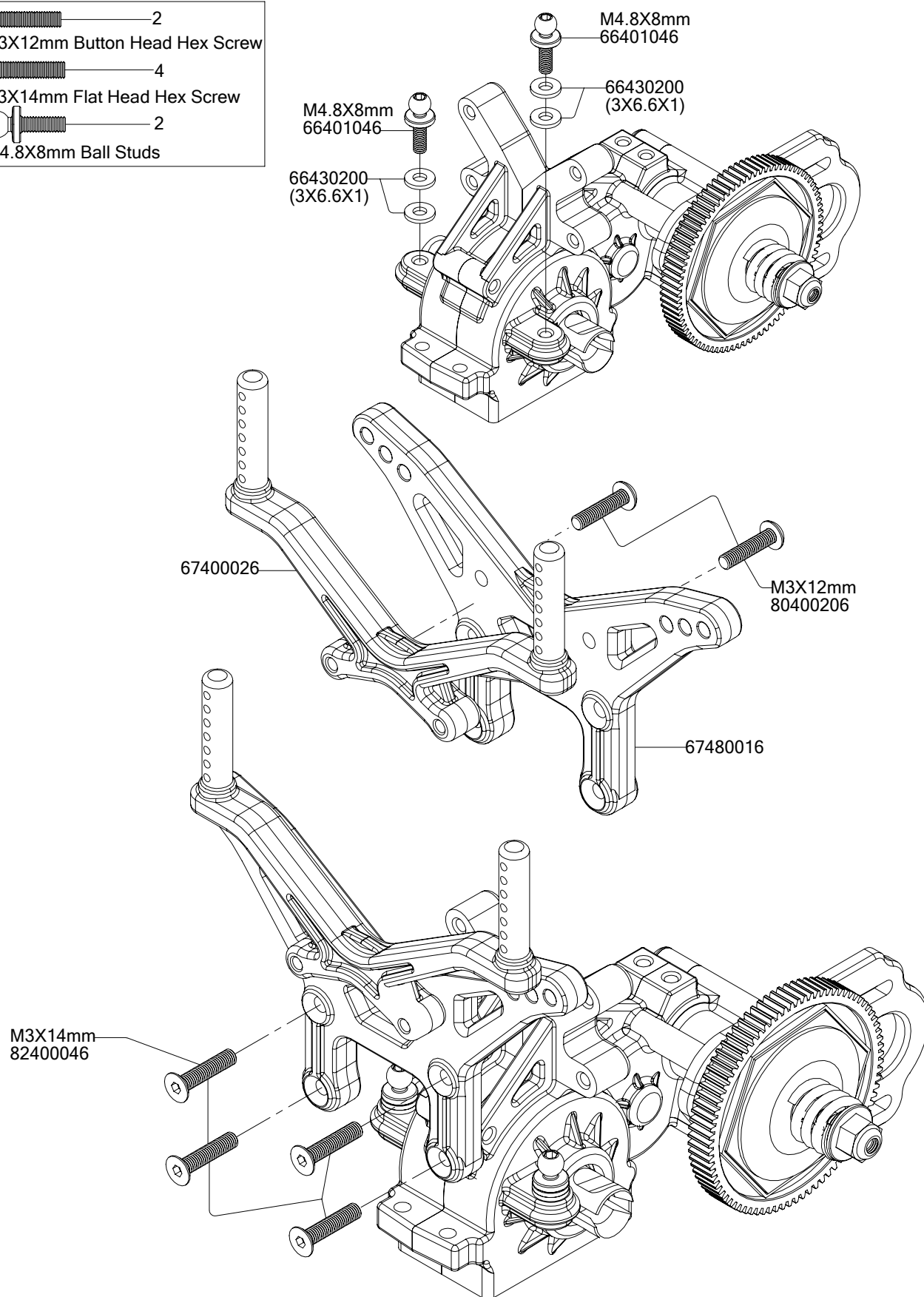
Approx
0~1.0mm





C5 Rear Shock Stay

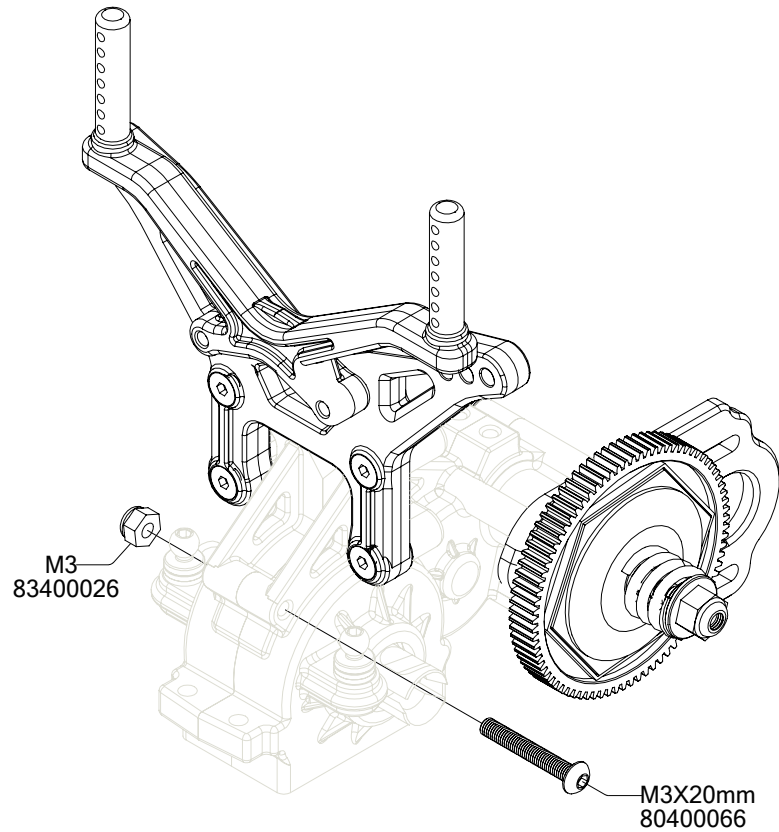
- | | |
|-------------------------------|---|
| | 2 |
| M3X12mm Button Head Hex Screw | |
| | 4 |
| M3X14mm Flat Head Hex Screw | |
| | 2 |
| M4.8X8mm Ball Studs | |





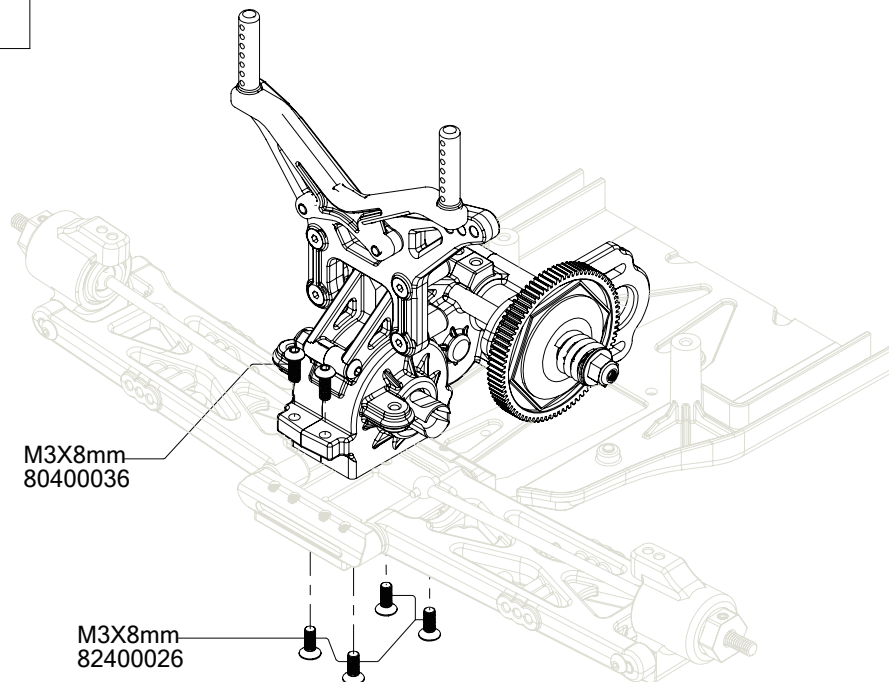
C6 Rear Grar Box

-  1
M3X12mm Button Head Hex Screw
-  1
M3 Lock Nut



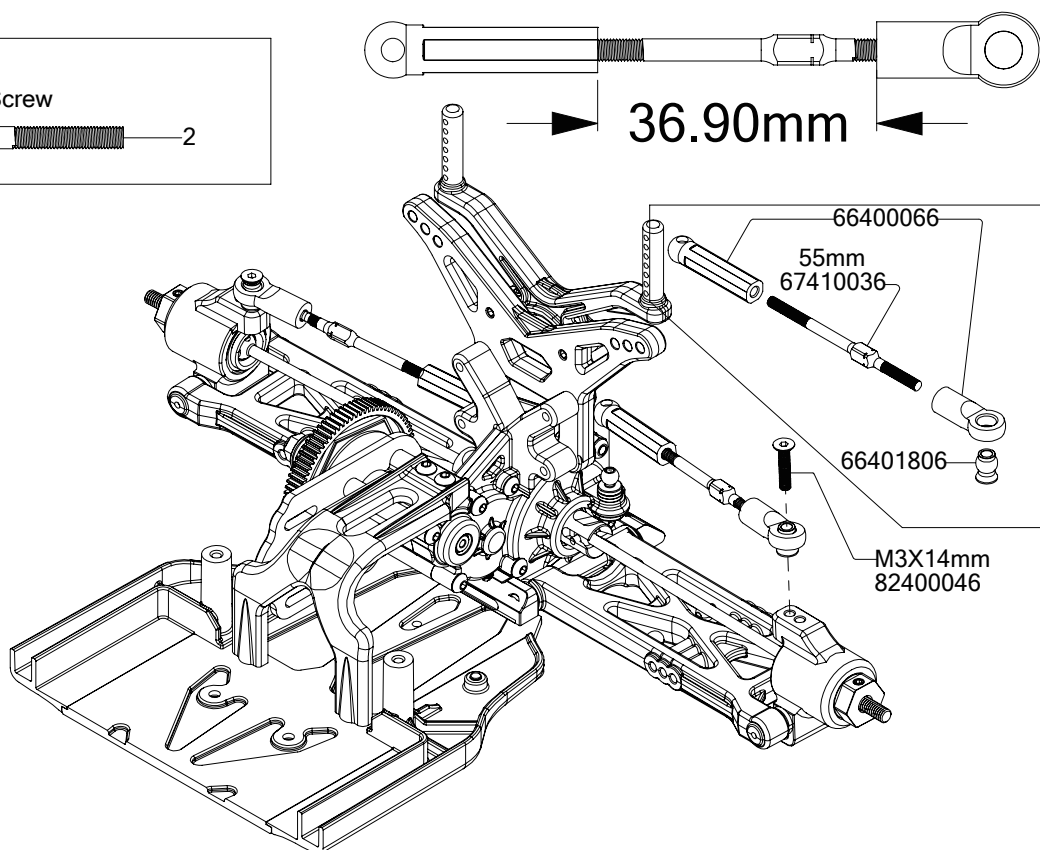
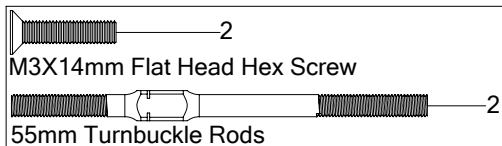
C7 Rear Suspension

-  2
M3X8mm Button Head Hex Screw
-  4
M3X8mm Flat Head Hex Screw

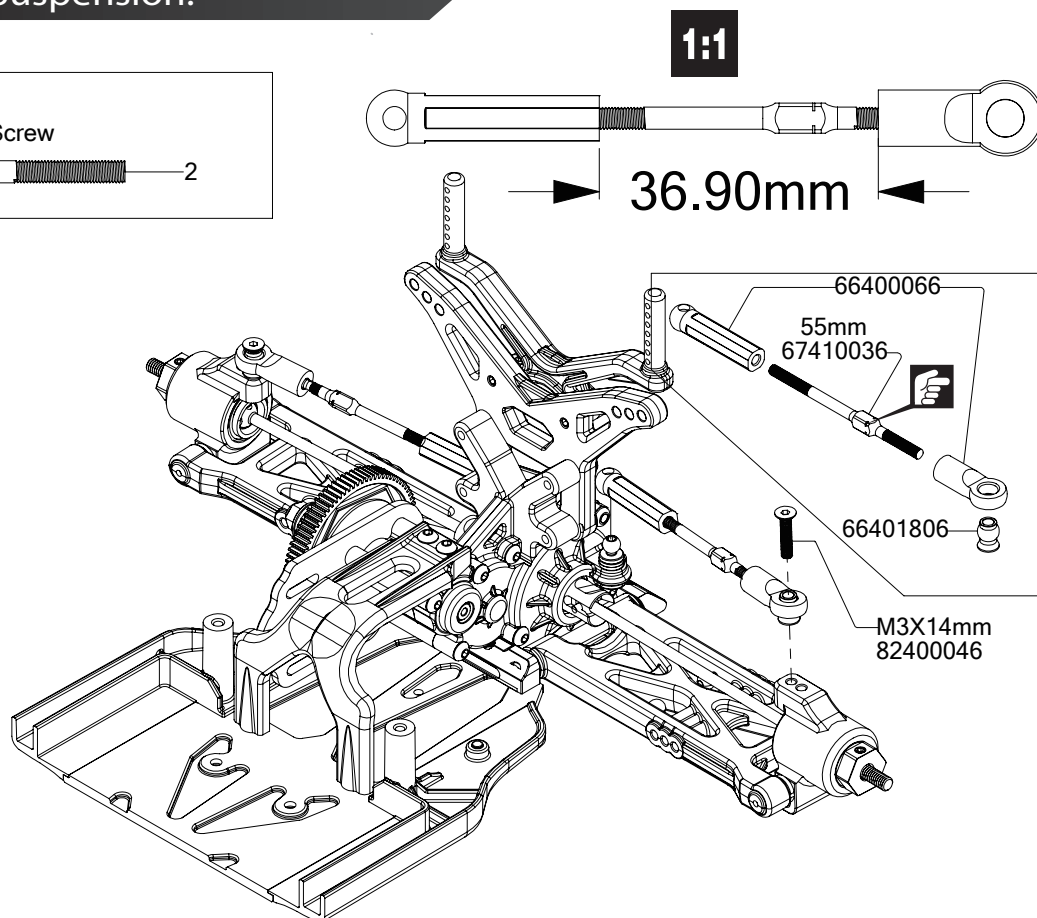
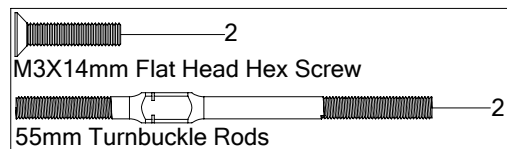




C8 Rear Grar Box



C9 Rear Suspension.



Part Bags used.



Note the direction.



True-to-scale diagram.



Assemble in the
specified order.



D1 Shock Assembly



Front Shock Shaft 66401666 2

Rear Shock Shaft 66401656 2

Threaded Shock Coller 8

Threaded Shock Coller O-Rings (Need to soak silicone oil before)

Shock Cartridge 4

Shock Piston 1.6 1.6 2

Shock Piston 1.8 2

M2.6 Nut

2.6x6x0.5mm Washer

Shock Ball---4pcs

Shock Ball---4pcs

83400016 1.8X1 68410066 85440070

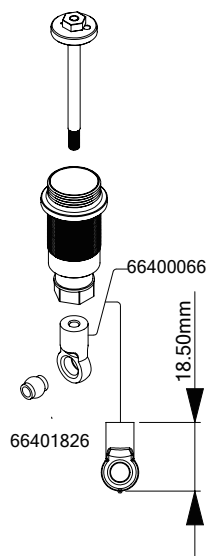
66401666

(1mm) 66430200 以照場地調整來決定 是否安裝此墊片 31280146

66402416

68410066 66400676 66402246

Front Buildx2



83400016 1.6X2 68410066 85440070

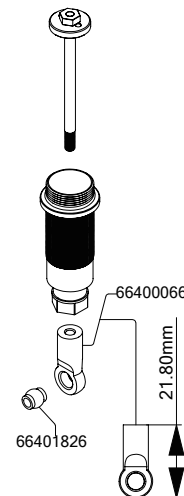
66401656

(1mm) 66430200 以照場地調整來決定 是否安裝此墊片 31280146

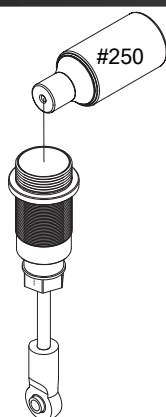
664002436

68410066 66400676 66400686

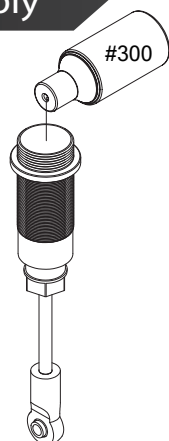
Rear Buildx2



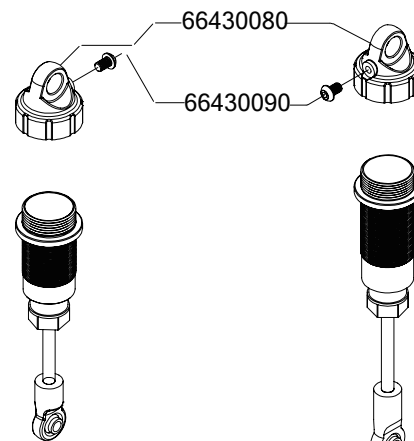
D2 Shock Assembly



Front Build x2



Rear Build x2



Front Build x2

Rear Build x2

D3 Shock Spring



Shock Collars O-Rings 4

Shock Collars O-Rings

Front Shock Spring M++ 2

Rear Shock Spring M+ 2

Shock End & Spring Cup Set & Rod End 4

Shock End & Spring Cup Set & Rod End

Shock End & Spring Cup Set & Rod End

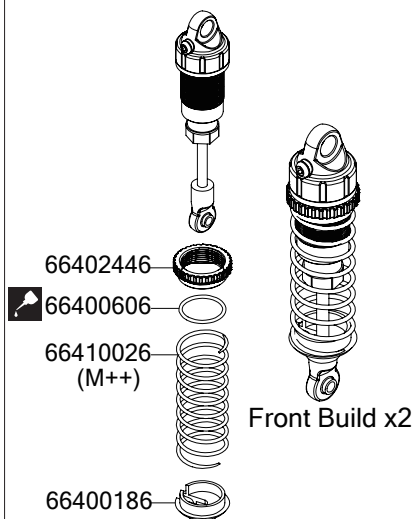
Shock End & Spring Cup Set & Rod End

Shock End & Spring Cup Set & Rod End

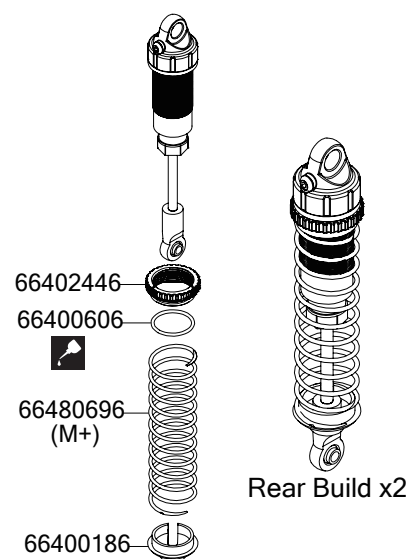
Shock End & Spring Cup Set & Rod End

Shock End & Spring Cup Set & Rod End

Shock End & Spring Cup Set & Rod End



Front Build x2



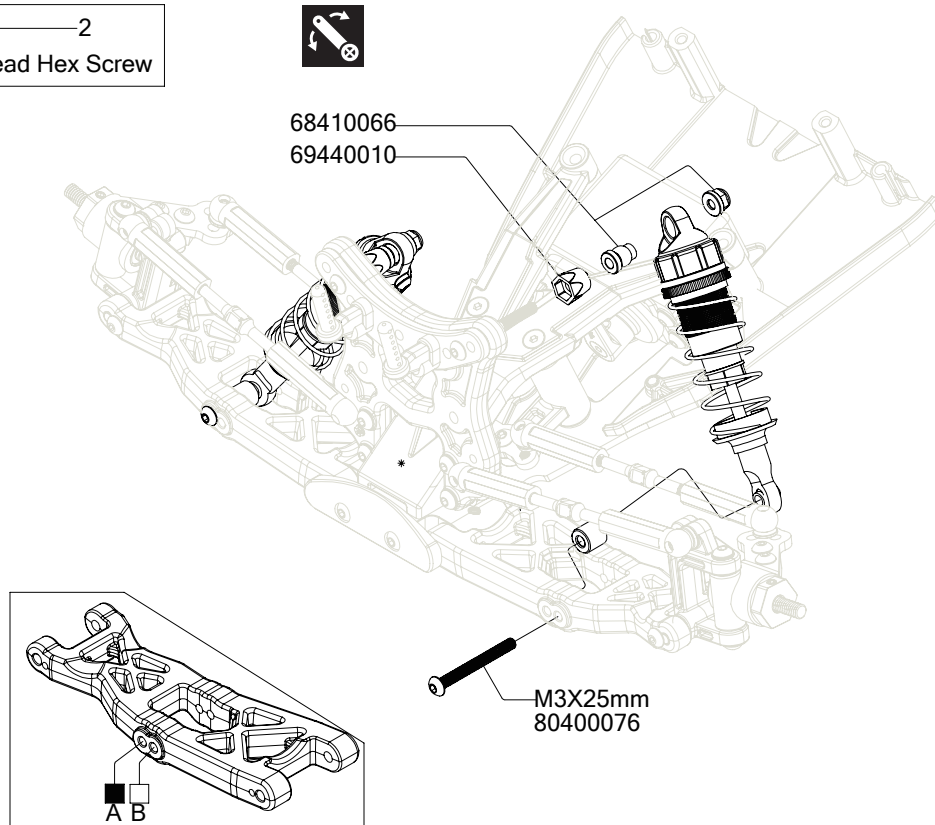
Rear Build x2





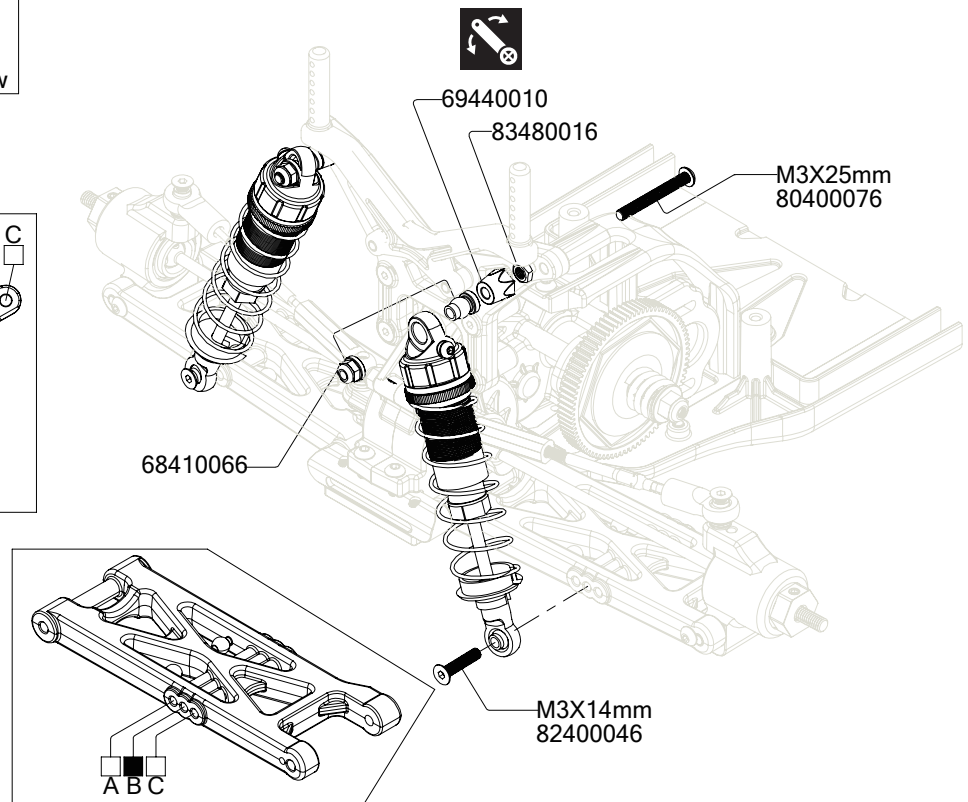
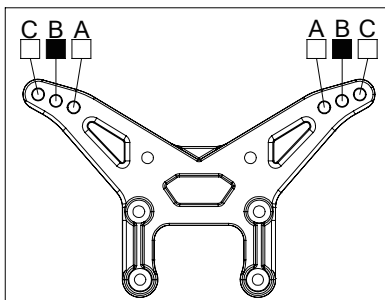
D4 Front Suspension

2
M3X25mm Button Head Hex Screw



D5 Rear Suspension

2
M3X14mm Flat Head Hex Screw
2
M3X25mm Button Head Hex Screw



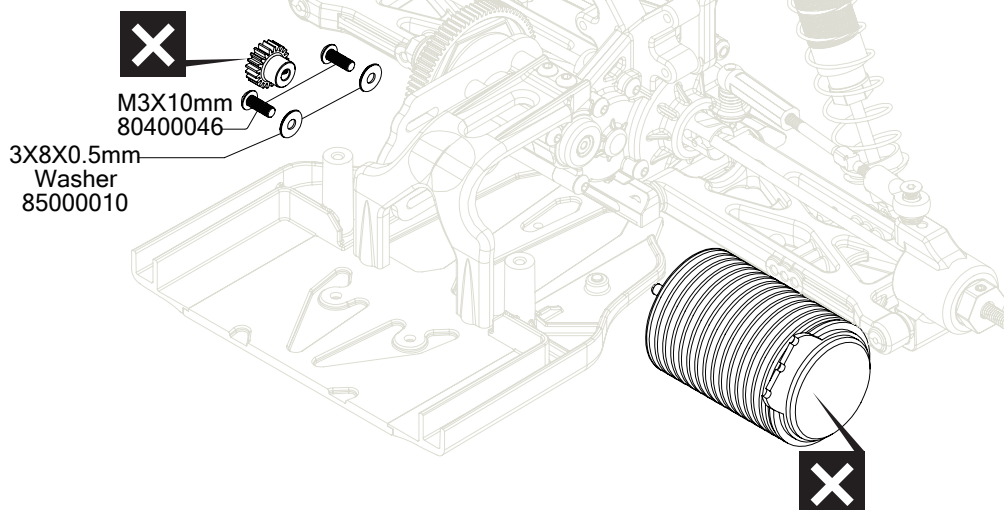
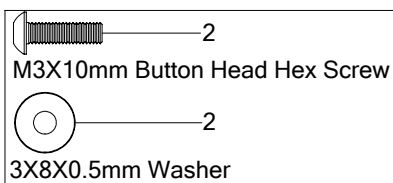
Part Bags used.



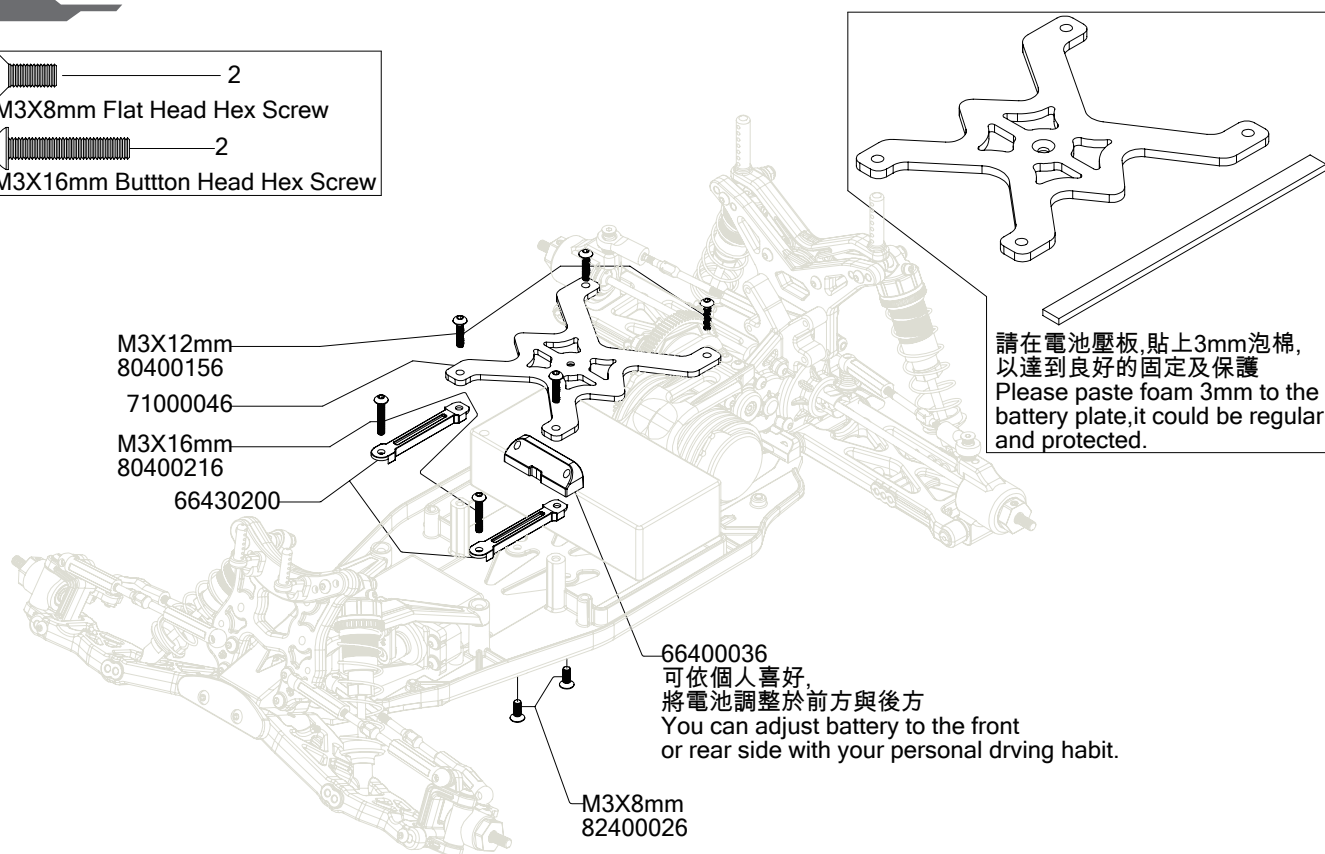
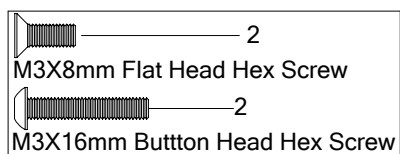
Ensure smooth non-binding movement while assembling.



D6 Motor

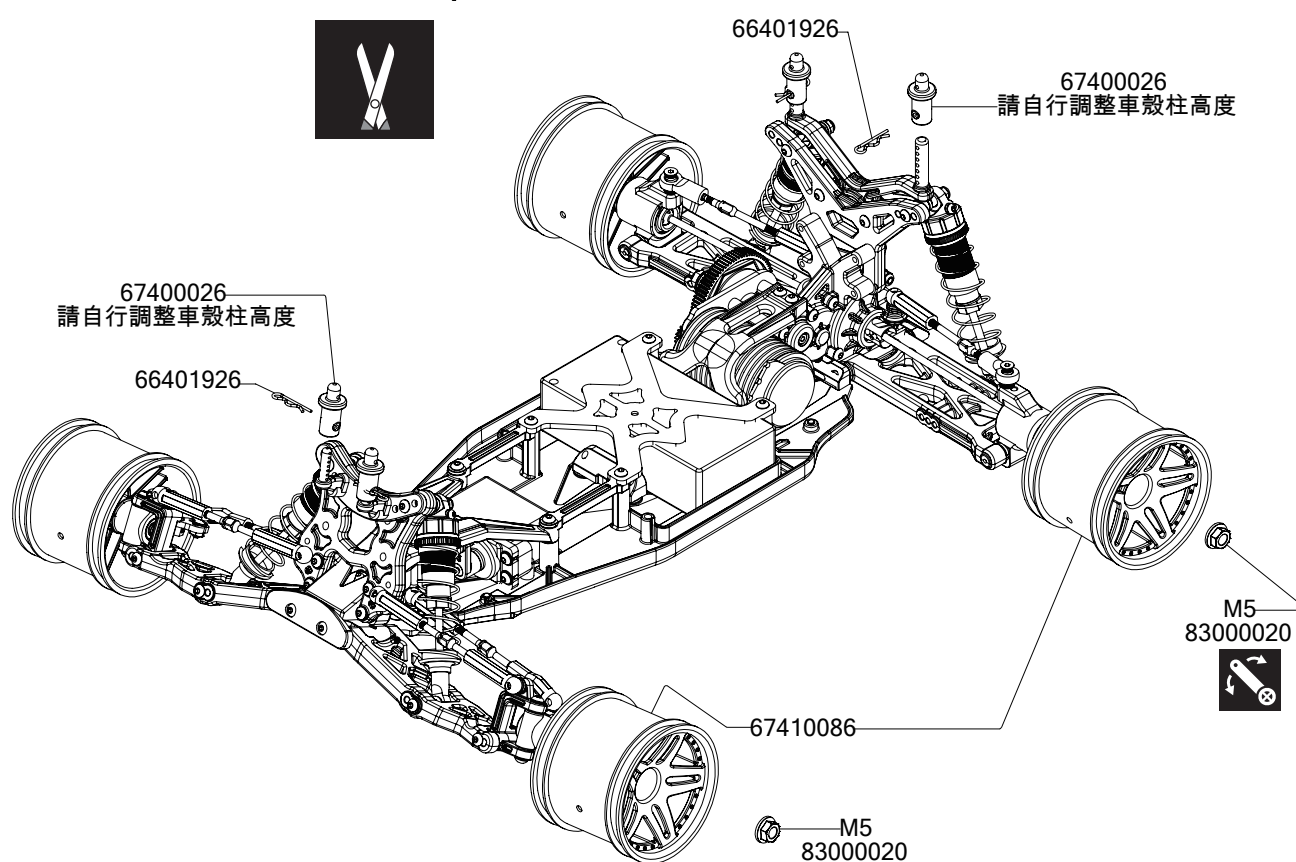
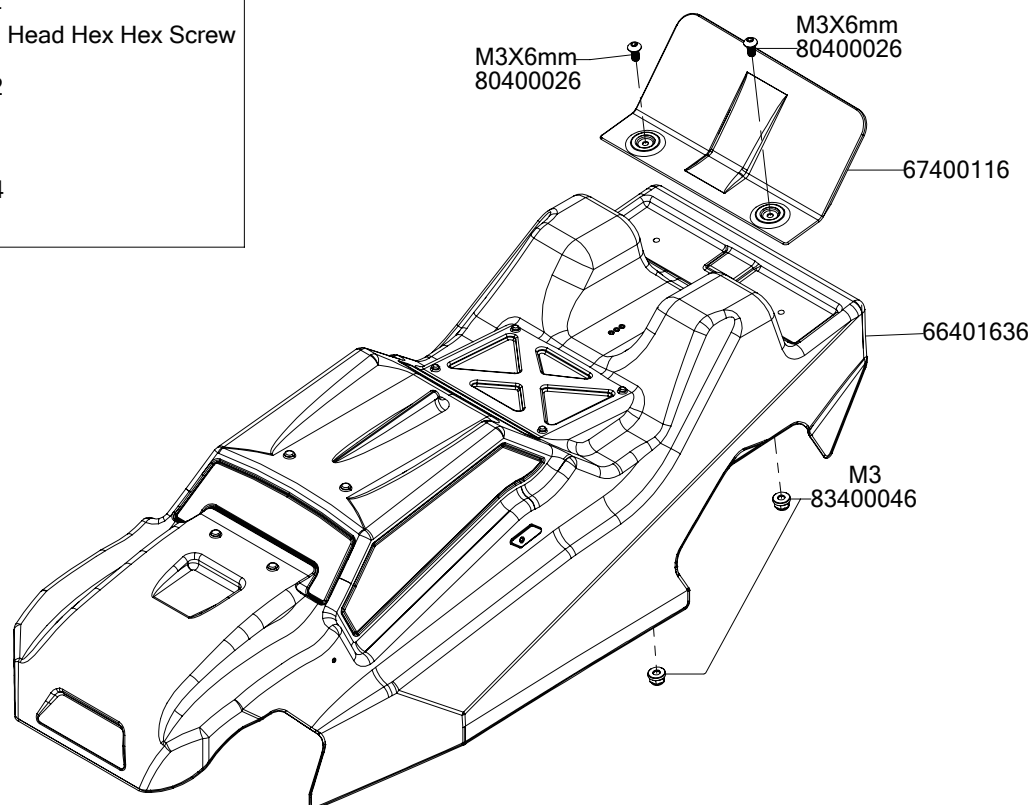
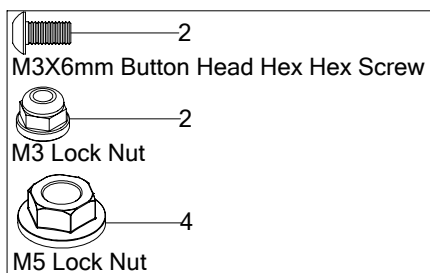


D7 BATTERY Plate





D8 Tires



Part Bags used.



Ensure smooth non-binding movement while assembling.



BAG D

D9 Body&Wheels

SETUP SHEET for Name
the PR S1v3(FM) 姓名

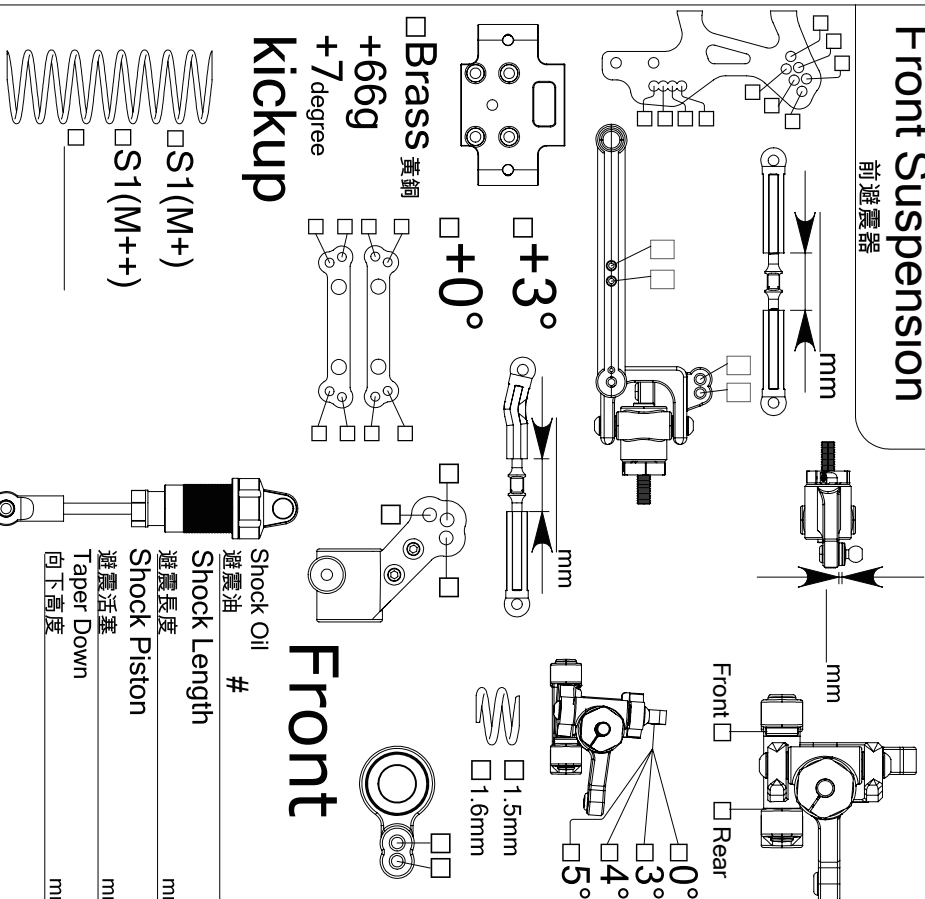
Date
日期

Truck/City
跑道/城市

Event
活動

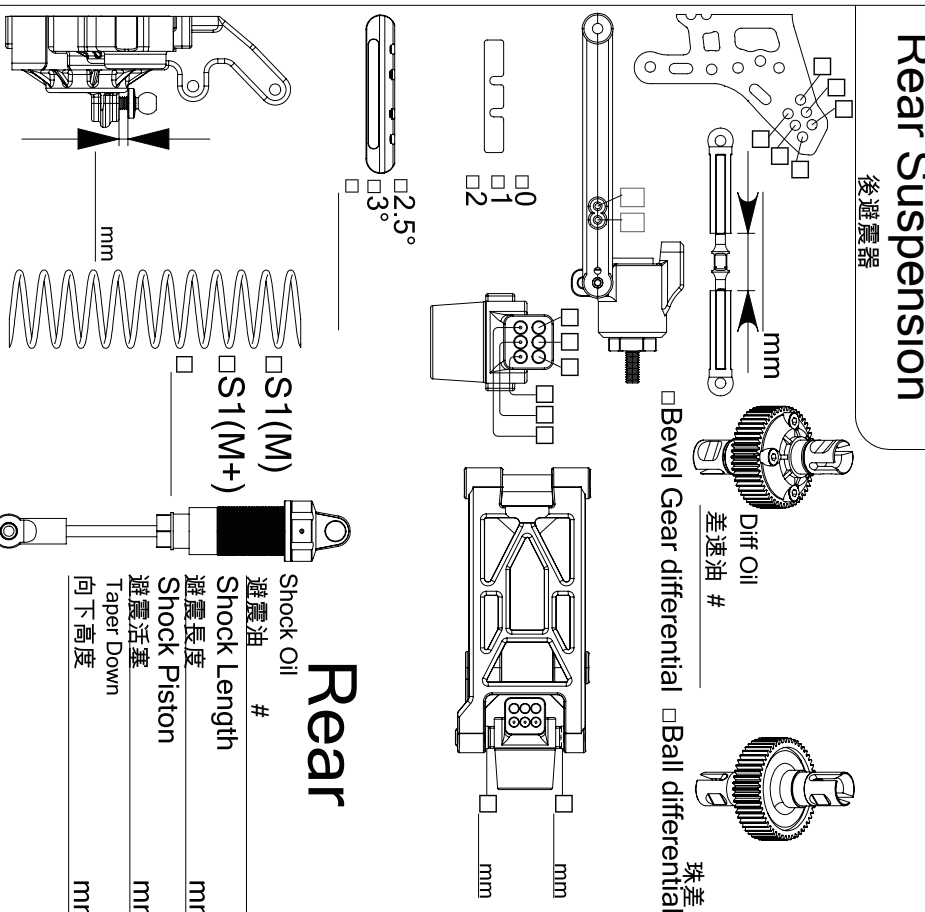
Front Suspension

前避震器



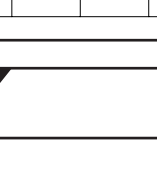
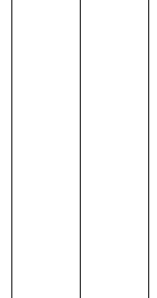
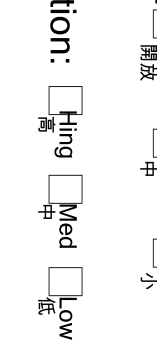
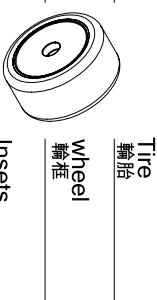
Rear Suspension

後避震器

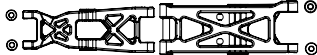
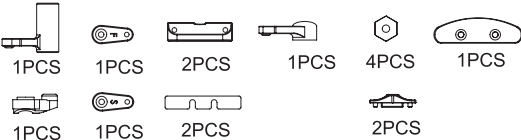
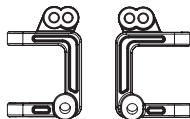
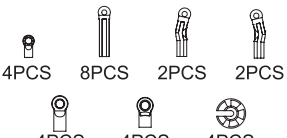
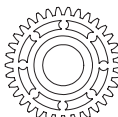
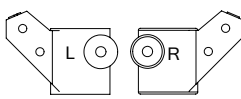
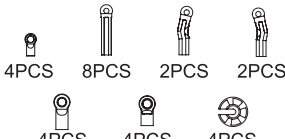
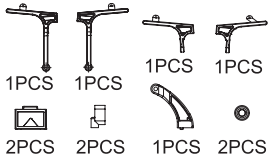
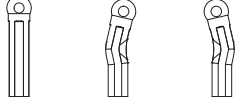
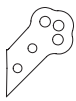
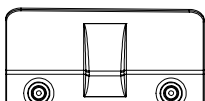
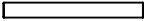
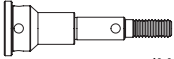
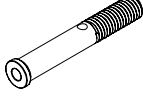
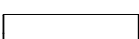


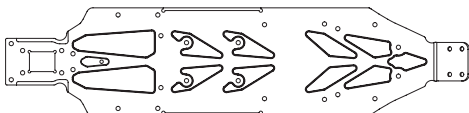
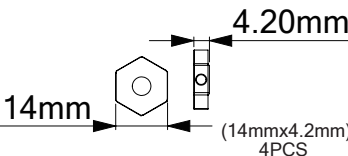
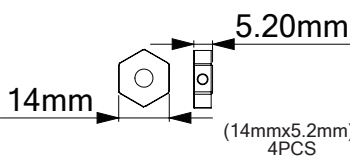
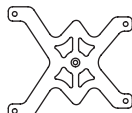
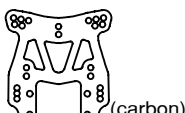
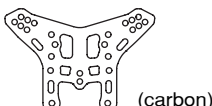
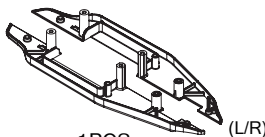
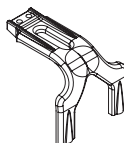
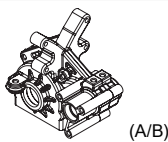
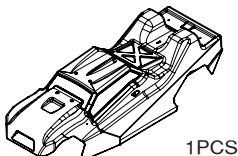
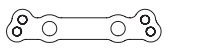
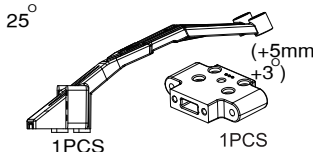
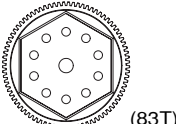
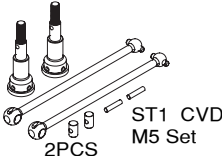
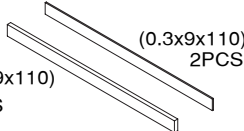
Front

Rear



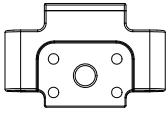
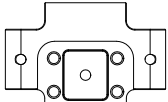
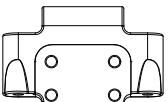
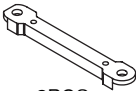
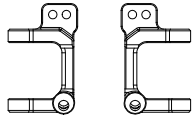
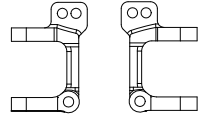
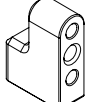
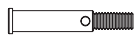
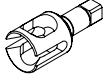
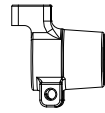
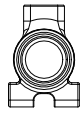


67400036	66400036		66401876
 2PCS 2PCS	 1PCS 1PCS 2PCS 1PCS 4PCS 1PCS 1PCS 1PCS 2PCS 2PCS		 (L/R 3)
66430090	66400066	66402016	66480856
 4pcs(13x1mm) 4pcs(M2.5x4mm)	 4PCS 8PCS 2PCS 2PCS 4PCS 4PCS 4PCS	 2pcs(34T)	 1PCS 1PCS
66430080	66400066	66400116	66430200
 4pcs	 4PCS 8PCS 2PCS 2PCS 4PCS 4PCS 4PCS	 1PCS 1PCS 1PCS 1PCS 2PCS 2PCS 1PCS 2PCS	 2pcs
66400176	66400186	66480826	66480646
 16PCS 2PCS 2PCS	 2PCS 2PCS 2PCS 2PCS	 1pcs 1pcs	 20T Light weight 1PCS
66401806	66480846	85440110	67400116
 2PCS	 2pcs 4pcs(2.5x8mm)	 5x8x0.1mm Washer 4PCS	 1PCS
79480026	66401006	67410266	66400326
 27.8mm	 8PCS 8PCS 4PCS	 2pcs (M5)	 2PCS
66402256	67480016	67400216	66401686
 1PCS	 6PCS 55mm	 2PCS M5	 4pcs
66400376	66480226	66402056	66402416
 1PCS	 5x18 Light weight 2PCS	 2pcs	 2PCS
79400016	79400026	79400036	66402436
 2x11 4PCS	 3x30 2PCS	 3x36.8 4PCS	 2PCS

66402266	71400060		71400086
 1PCS	 1PCS		 1PCS (RF)
68000040	68440010	83400086	71000046
 (14mmx4.2mm) 4PCS	 (14mmx5.2mm) 4PCS	 M5 4PCS	 (carbon) 1PCS
67480016	71000026	71000050	71400036
 (carbon) 1PCS	 (carbon) 1PCS	 (L/R) 1PCS	 1PCS
71400056	71400076	71400096	66401666
 (A/B) 1PCS	 1PCS	 (RR-3°) 1PCS	 2PCS
71400046	71400106	67400106	66401656
 1PCS	 (For S1 V3) 1PCS	 1PCS	 2PCS
66480606	67410106	674000040	99000010
 (83T) 1PCS	 2PCS	 (84.5mm) 2PCS	 (0.3x9x110) 2PCS
66400676	66401056	66480306	98400046
 8PCS	 10PCS	 2PCS	 6PCS
66480866	67410026	67400236	67400246
 (M4.8x4.8mm)  (M4)	 50mm 2PCS	 H++ 2PCS	 Rear H++ 2PCS
66400756	66400766	66400776	66400786
 5x8x2.5 Ball Bearing 6PCS	 5x10x4 Ball Bearing 10PCS	 5x13x4 Ball Bearing 2PCS	 10x15x4 Ball Bearing 4PCS

26

Option Parts

66480456  (+5mm 3)lower swing arm mounts 22g (aluminum)	71400166  (RR-3.5) 1PCS	66480476  (+5mm 0)lower swing arm mounts 20g (aluminum)	66480536  (+5mm 7)lower swing arm mounts 66g (Brass)
66480736  PR S1 balance beam 1.4mm	71000036  carbon 2PCS	66480396  Mental C-hubs(0 degrees) Left & Right	66480326  Mental C-hubs(4 degrees) Left & Right
66480946  1PCS  2PCS carbon	66480936  2pcs (cnc)  2pcs (M3X8mm)	71480016  65mm 2PCS Light weight	66481016  2pcs (M5) Light weight
83000020  4PCS (M5)	71400156  1PCS (RR-2.5)	66481106  2PCS +0.8mm	67400146   Aluminum Rear Hub +-4mm FOR S1 (CNC)

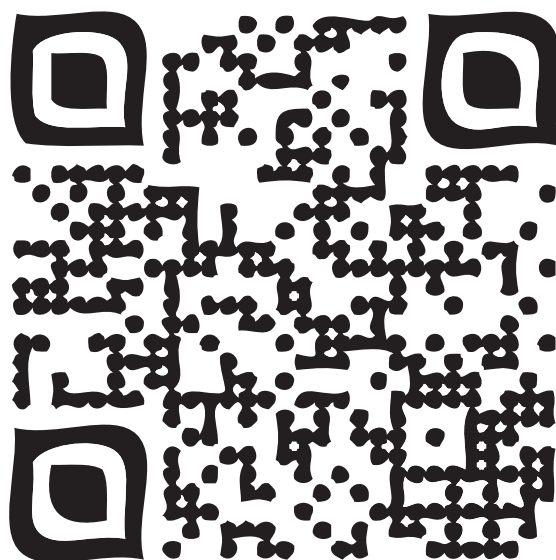
NOTE



Thank you for choosing PRECIROTATE. PR-RC has been established in Taiwan since 2008.

We combine rich modification and validation experience in RC racing products, and dedicate to manufacture ingenious, durable and reliable products.

Our team members have many years working experience in developing RC model technique. We are very pleased of presenting top class products to you

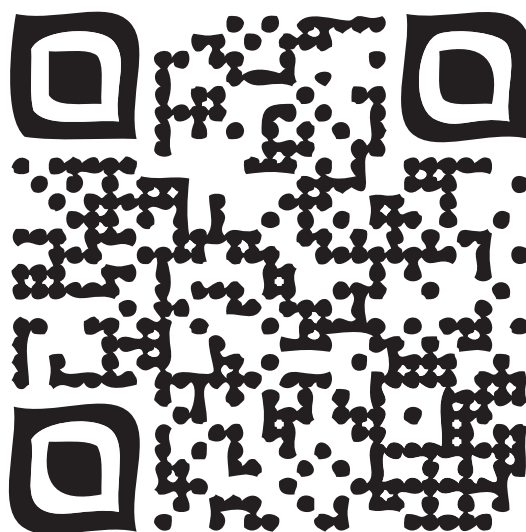


info@prengine.com.tw

precirotate@gmail.com

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P R R A C I N G P R R A C I N G



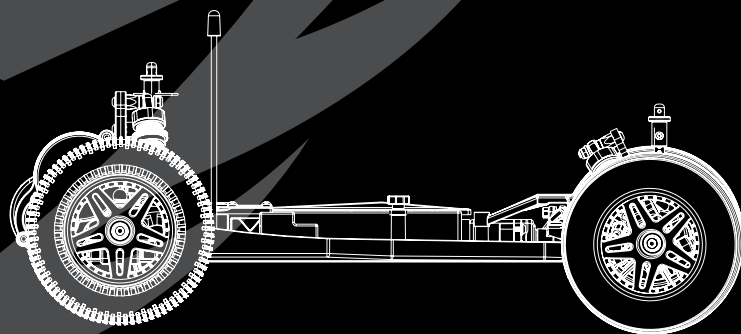
P R R A C I N G P R R A C I N G

NOTE

[illegible]

PR51V3T

1/10 ELECTRIC 2WD RACING PRO KIT



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