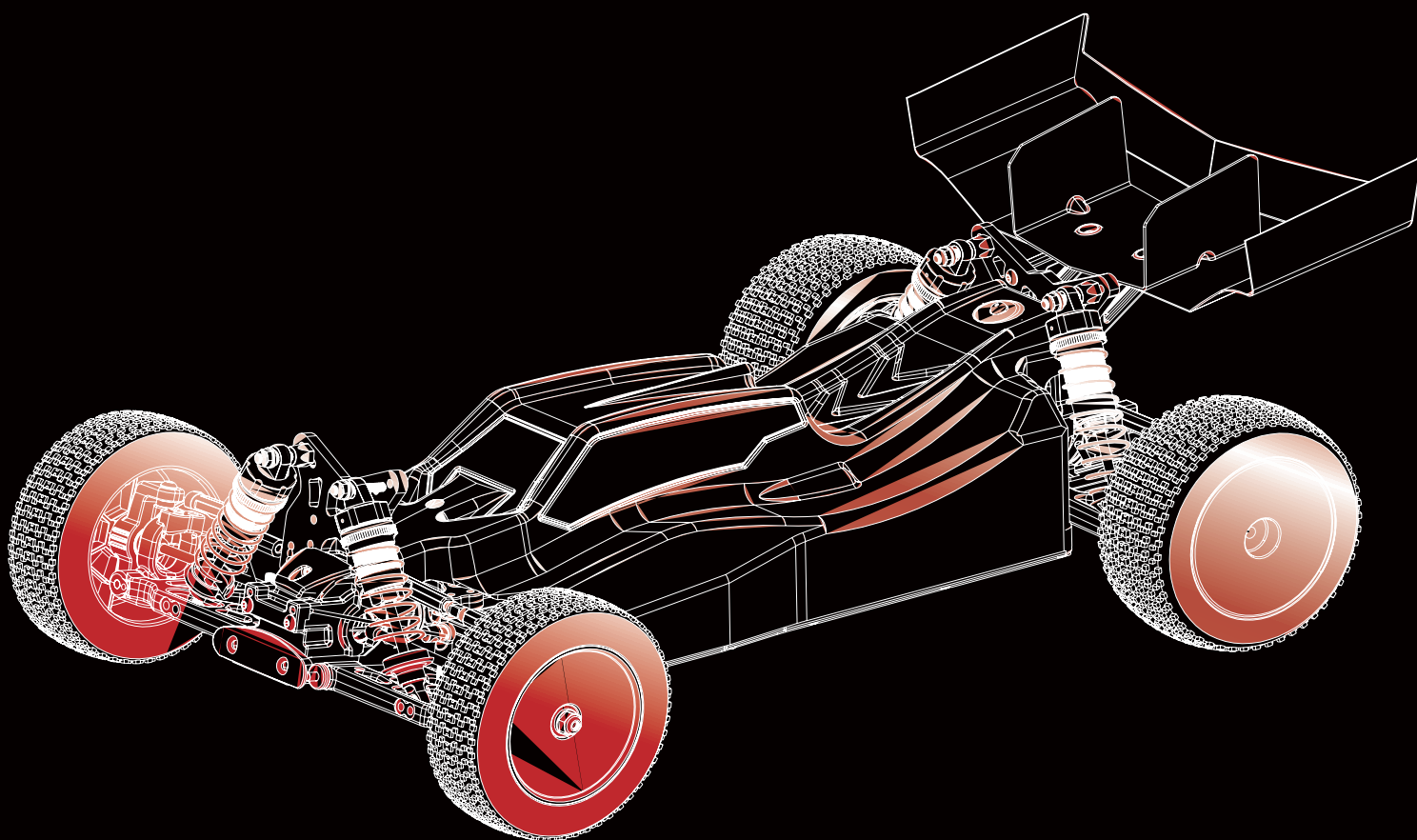


# PR SB401

1/10 ELECTRIC 4WD OFF ROAD BUGGY

LW



## 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.

## PR Racing SB401 1/10 Electric 4WD Off Road Buggy

PR Racing introduces the SB401 10th scale Competition off road Buggy Pro Kit. Front suspension is equipped advanced steering block and upright to improve steering reaction and fluency, carbon fiber front and rear shock tower plate provide durability and suspension rigidity. Kit contains strengthened parts and various allocation to achieve the biggest track applicability.

This all new off road Buggy comes with Weight bias changeable design, by using either the front motor configuration with a saddle pack or the rear motor configuration with a shorty pack(All parts in one Kit). This allows the SB401 extremely adaptable to any track condition.

PR Racing' s shock absorber always comes with quality and good design. With a bore of 12.75mm the PR Racing Shocks is the biggest competition level shocks in the market at this time.

Rear shock can be set to two location(in front of rear sus-arm or at rear).

With different setting, rear shock will provide enhanced driving sense and stability. This function also allows the vehicle to soak up a wide variety for terrains and track surfaces without losing speed. PR Racing offers a wide range (4 variations) of shock pistons, these allow drivers to fine tune the damping of the vehicle according track condition.

SB401 is equipped CNC bevel & drive pinion gear(39T/15T) both in front and rear differential, those CNC gears are durable, heavy duty and works well. Differential Gear Case whether in front or rear end, can be disassembled quickly and easy to maintain or change.

Quality can be found throughout in the SB401 kit. All parts in the kits is made from composites or aluminum materials. The SB401 Chassis is produced with high grade CNC Hard anodized aluminum.

If you' re looking for a competitive and very versatile 10th scale 4wd off road Buggy, then look no further than the PR Racing SB401 4wd off road Buggy.

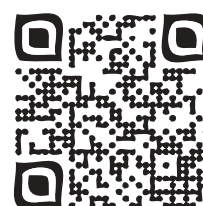
# PR Racing SB401 1/10 Electric 4WD Off Road Buggy

## Specifications

- Motor: Electric
- Wheelbase: 284mm
- 12 degree chassis Kick up (Adjustment range:20 degree)
- All Metric Hardware
- Full Precision Ball Bearings
- completion option in the same kit
- Same Front and Rear Wheels (14mm Hex)(12mm Hex)
- 77 tooth(differential) spur gear
- Drivetrain: 4wd
- Motor or Engine: Accepts 540 size
- New motor mount can change motor position easily (front or rear)
- Tooth Gear Pitch: 48 Pitch
- Kit/RTR: Kit
- Shock Type: Oil Filled Aluminum Shocks
- with bladders
- Body: Unpainted clear body with over spray
- CNC aluminum one-piece motor mount
- CVD bones x6
- Width:248mm
- Weight:1785g(weight varies with choice of electronics, tires & body)
- Length:284mm
- Gear Ratio:2.6:1
- 7.4V/4000-6000mAh approx
- Minimum Age Recommendation : 14 years

## Items required to complete

- Metric 1.5mm, 2.0mm hex tools
- Metric 5.5mm, 7.0mm Nut Driver
- 2 Channel Surface Radio System (Minimum)
- 1/10 ESC, Motor & Pinion Gear
- High Speed Servo
- 2S LiPo Battery & Compatible Lipo Charger
- Polycarbonate Paint for Bodies
- 1/10 Truck Tires, inserts and CA Glue
- Silicon diff oil
- LOK threadlocker

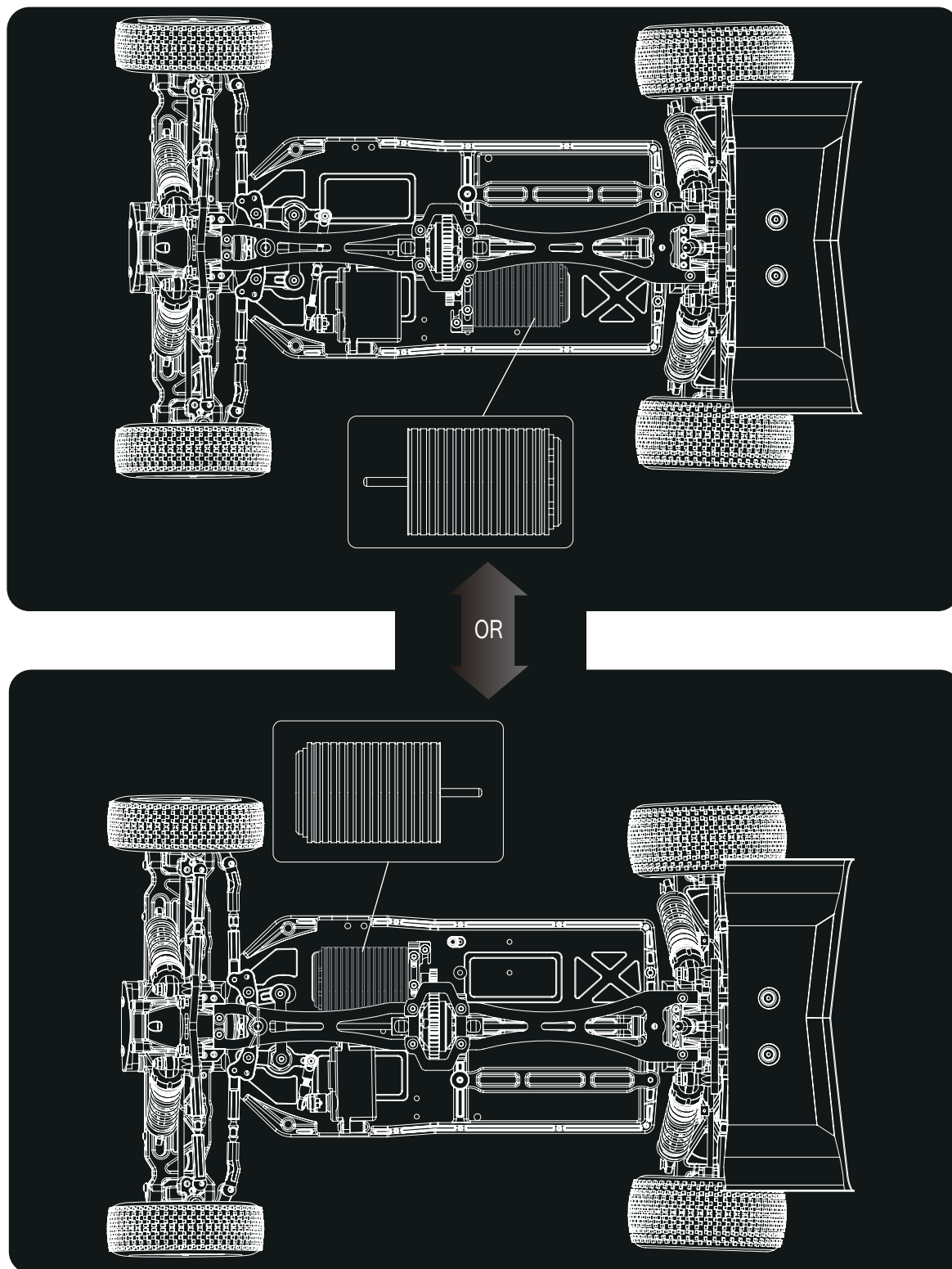




## Deploy

在馬達擺設方式,可以選擇前置與後置兩種。

The way of Motor furnishings, you can choose in two ways(Front&Rear).

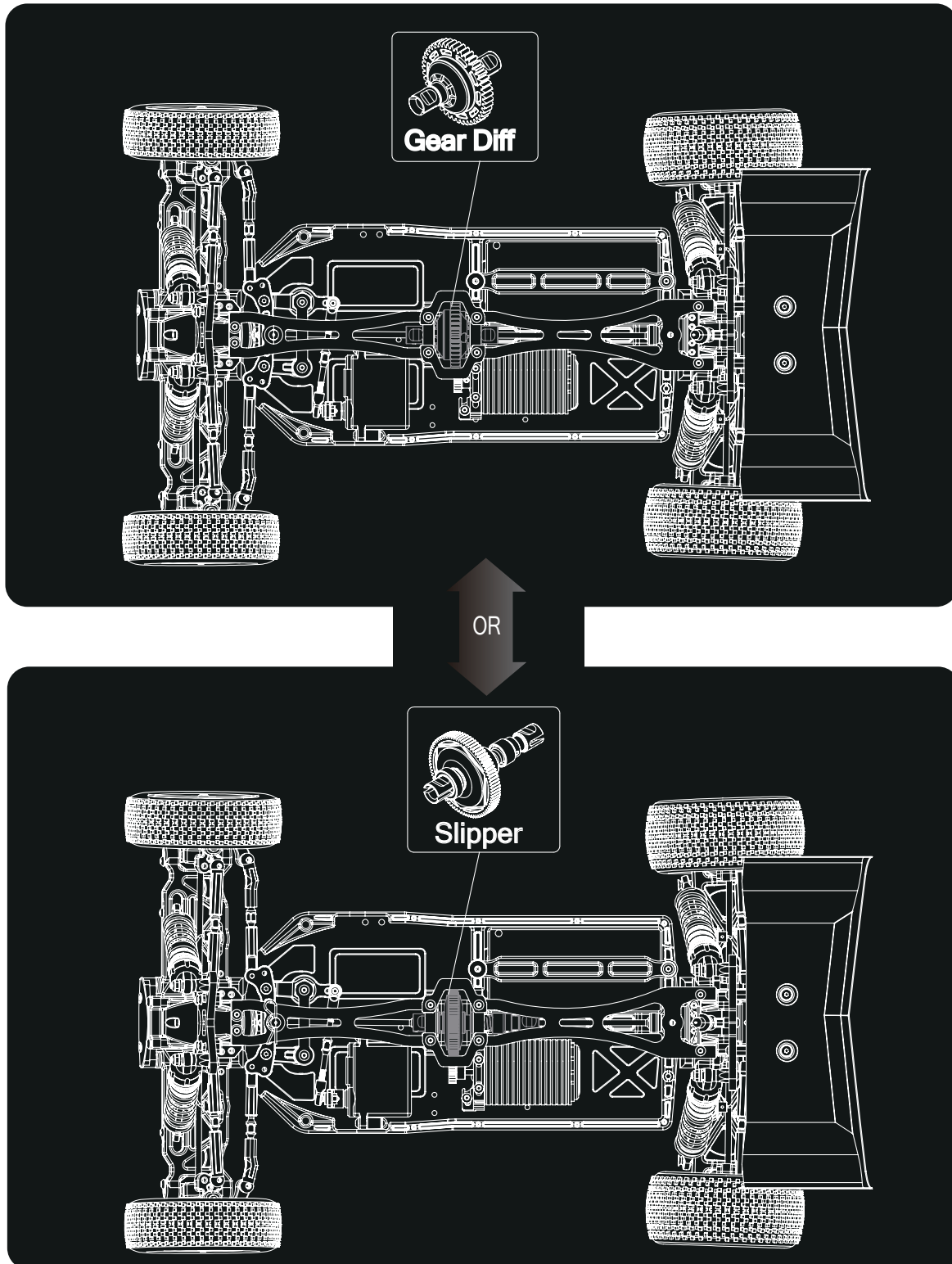




## Deploy

在中置傳動系統可選擇紐線與齒輪差速兩種  
(選擇紐線傳動要另外購買)

In Mid Drivetrain system can choose Differential and Gear Diff two ways.  
(It will cost extra if ones choose differential drivetrain.)

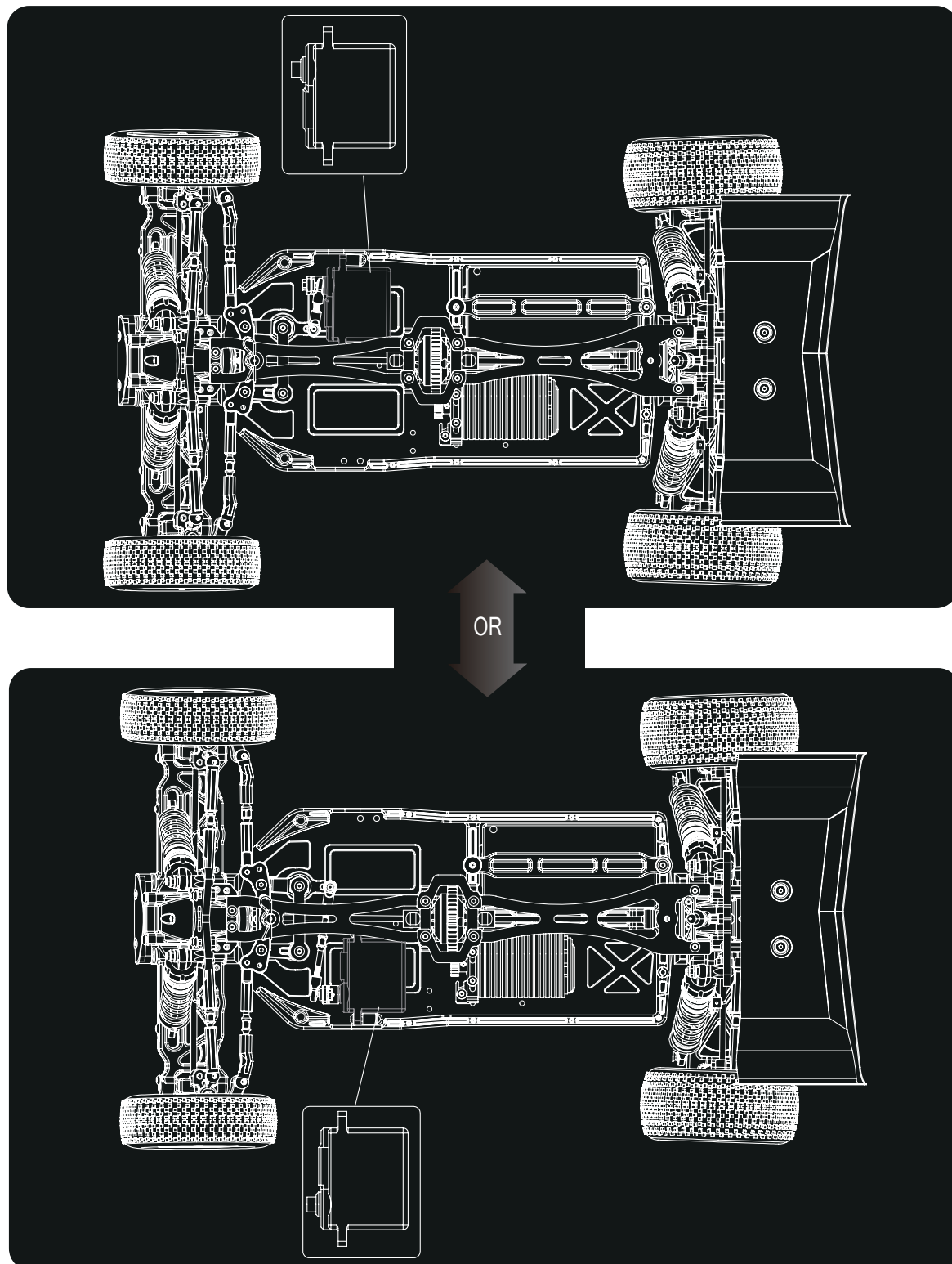




## Deploy

在伺服機擺設方式,可選擇左邊與右邊。

The way of Servo furnishings, you can choose left & right.

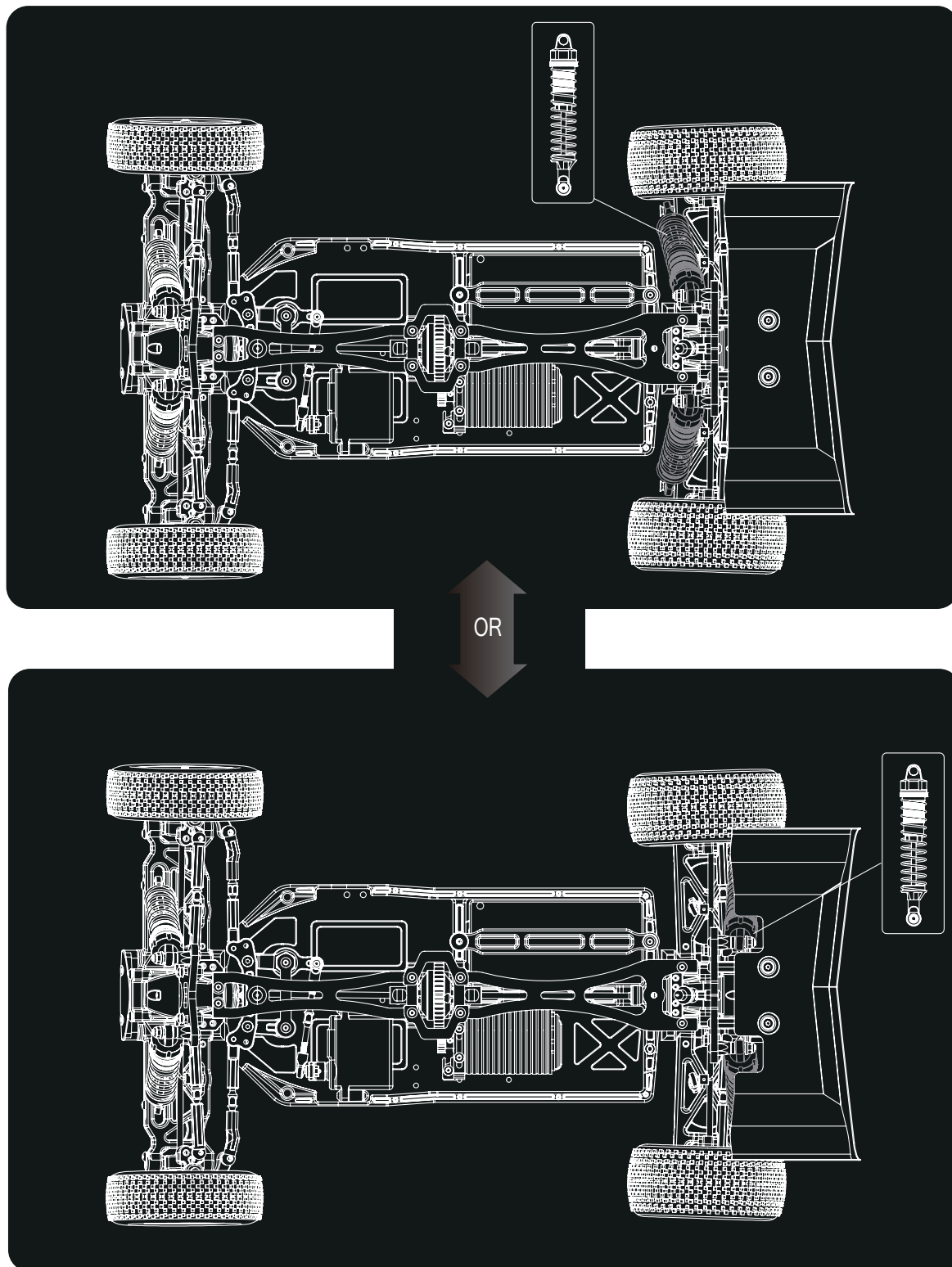




## Deploy

在後避震器的擺設位置,因應不同場地特性,可選擇擺設置前方與後方。  
(如選擇後方,尾翼必須裁剪)

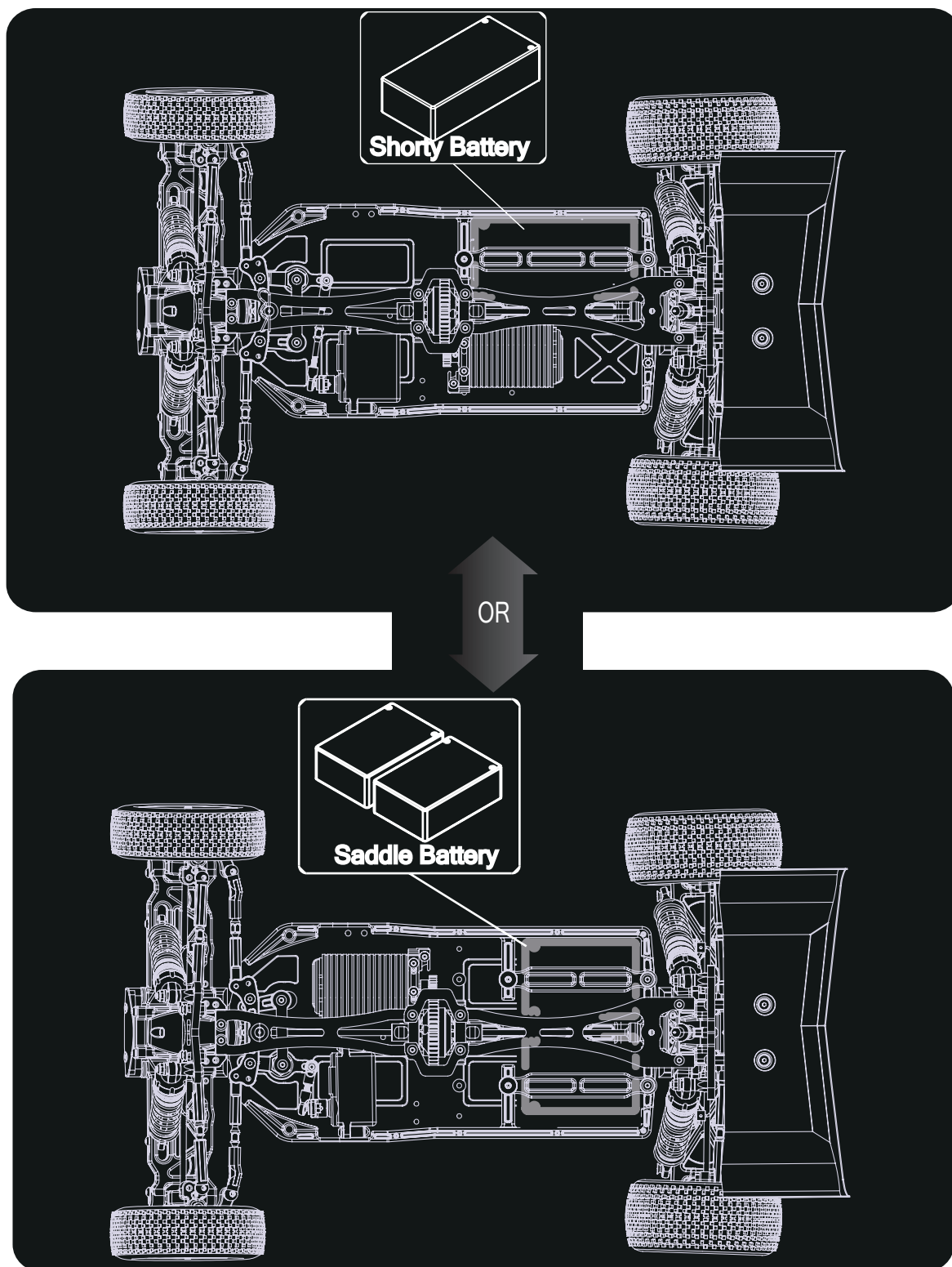
The Rear suspension's furnishings place, with different features of place,  
can choose to put Front & Rear. (If you choose Rear, wings have to be cut.)





## Deploy

在電池選擇上,可以選擇短版電池與分置電池兩種。  
The selection of battery, can choose in two ways  
(Shorty battery & saddle battery.)

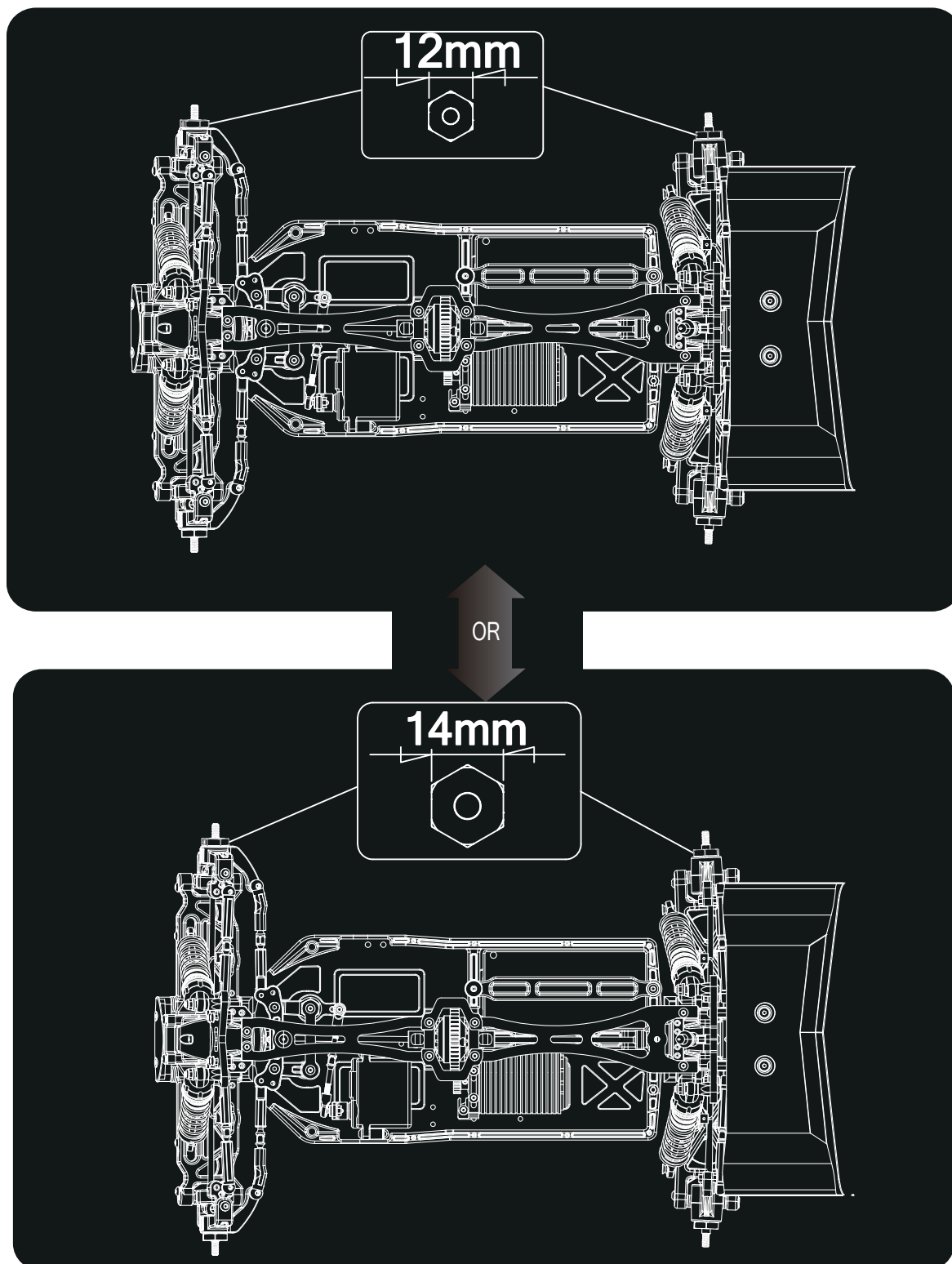




## Deploy

在六角輪座可選擇12mm或14mm。

In Hexagonal Wheel Stand, can choose 12mm or 14mm.



|                               |       |
|-------------------------------|-------|
| ● BEFORE INSTALLATION         | 01    |
| ● BAG A                       | 04-10 |
| Chassis Guard Installation    |       |
| Front&Rear Differential       |       |
| Center Diff                   |       |
| Front Central Transmission    |       |
| Rear Central Transmission     |       |
| ● BAG B                       | 11-14 |
| Front Assembly                |       |
| Front Spindle(Left Side)      |       |
| Front Spindle(Right Side)     |       |
| Front Suspension              |       |
| ● BAG C                       | 15-17 |
| Rear Assembly                 |       |
| RearSuspension                |       |
| ● BAG D                       | 18-23 |
| Steering                      |       |
| Steering Servo                |       |
| Body Mounts                   |       |
| Gear Piff Assembly            |       |
| Top Deck Buid                 |       |
| ● BAG E                       | 24-30 |
| Shock Assembly                |       |
| Shock Spring                  |       |
| Front Suspension              |       |
| Rear Suspension               |       |
| Motor                         |       |
| Battery Cradle                |       |
| Wheels                        |       |
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| Body Shell                    |       |
| ● SETUP SHEET                 | 31    |
| ● EXPLOSION PICTURE           | 32    |
| ● SPARE PARTS &OPTIONAL PARTS | 33-36 |

## 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.

x2

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



Tighten securely.



Note the direction.

1:1

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.



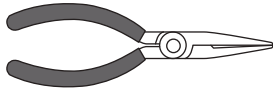
Apply oil.

- 4 This kit contains screws and hardware in diifferent 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 screw are extras.

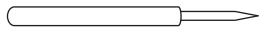
## TOOLS REQUIRED

**CAUTION: Handle tools carefully!**

- Needle Nose Pliers



- Awl



- Sharp Hobby Knife



- Grease



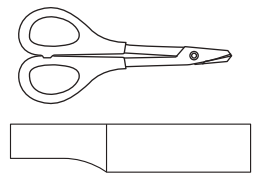
- Wire Cutters



- Screw Cement

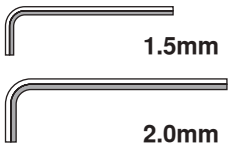


- Round Cutter & Sander



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

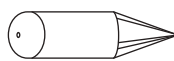
- Hex Wrench



- Ball Differential Grease

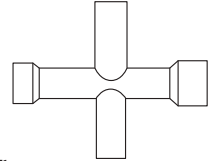


- SP Knife Edge Reamer



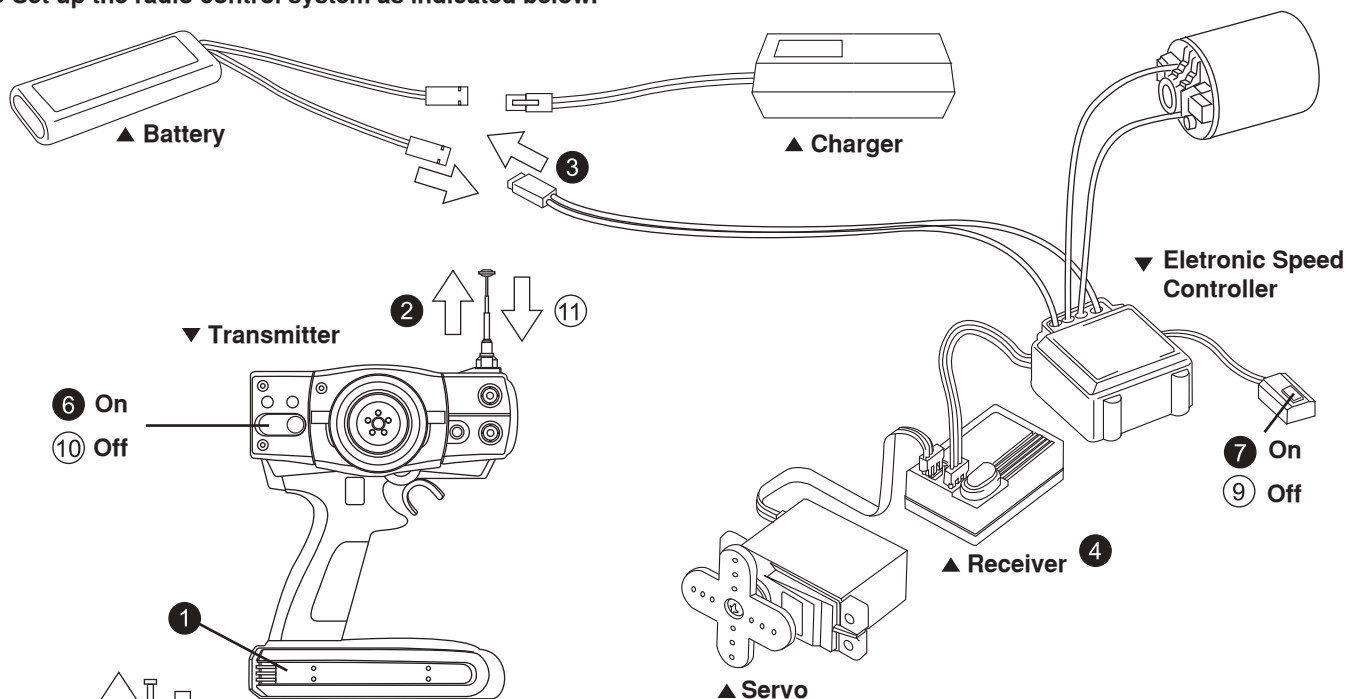
Do not pre-drill as precise drilling of 1mm to 15mm holes can be performed after body shell painted.

- 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.



### START

- 1 Install batteries.(Transmitter)
- 2 Extend the antenna.(Transmitter)
- 3 Connect the battery to the ESC.
- 4 Extend the antenna.(Receiver)
- 5 Center the trims.
- 6 Switch on both the transmitter and receiver.
- 7 Make sure the servos are in command.

### FINISH

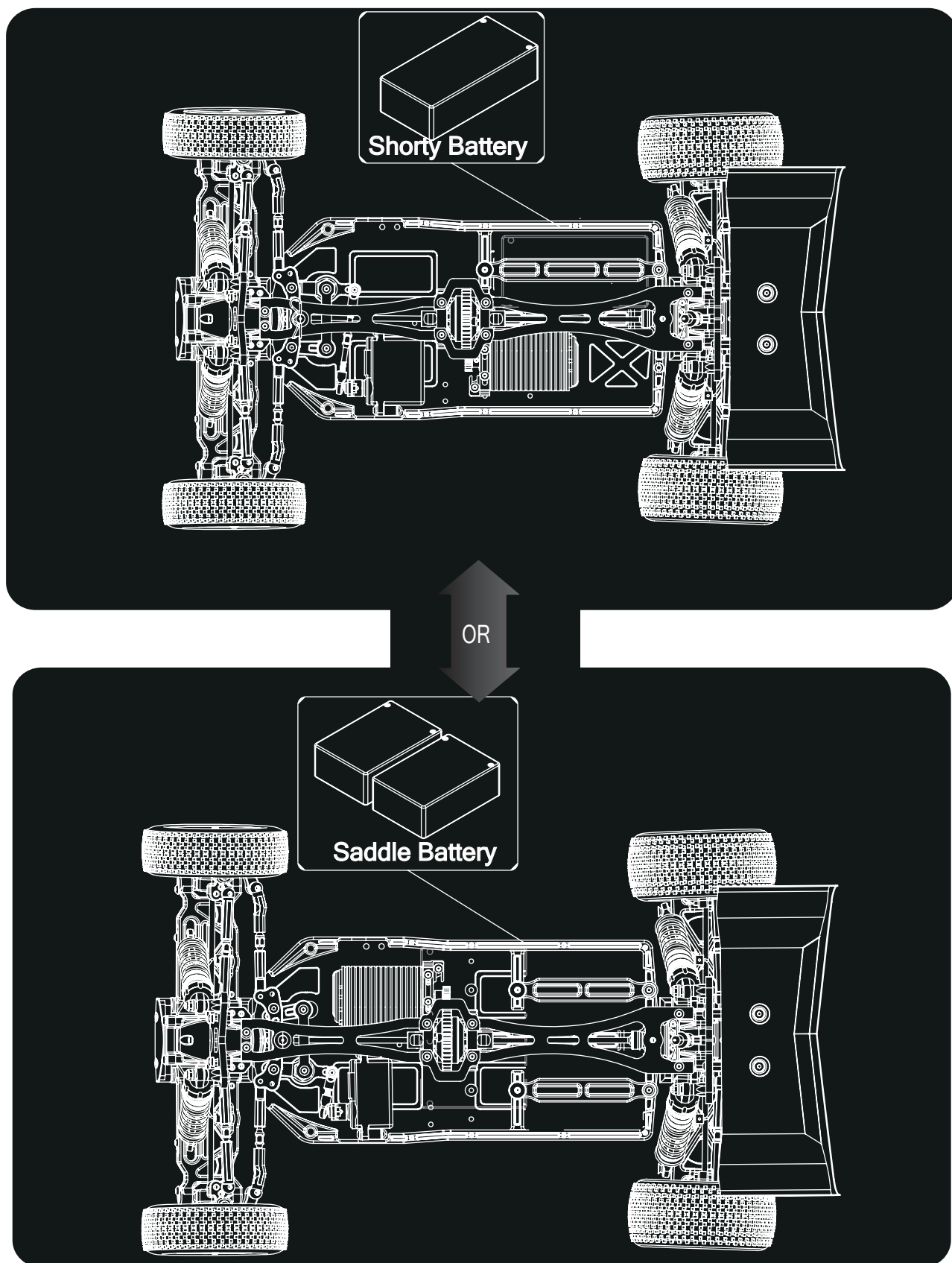
- 8 Switch off both the transmitter and receiver.
- 9 Retract the antenna.(Transmitter)



## Deploy

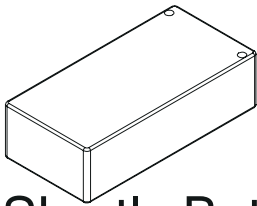
在組裝前,請先選擇好電池種類(短版電池/分置電池),將會影響組裝方式。

Before assembling, please choose the battery type(Shorty battery/Saddle battery), it will impact the assemble way!!



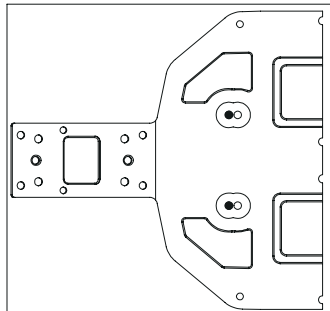


# A1 Side Plate

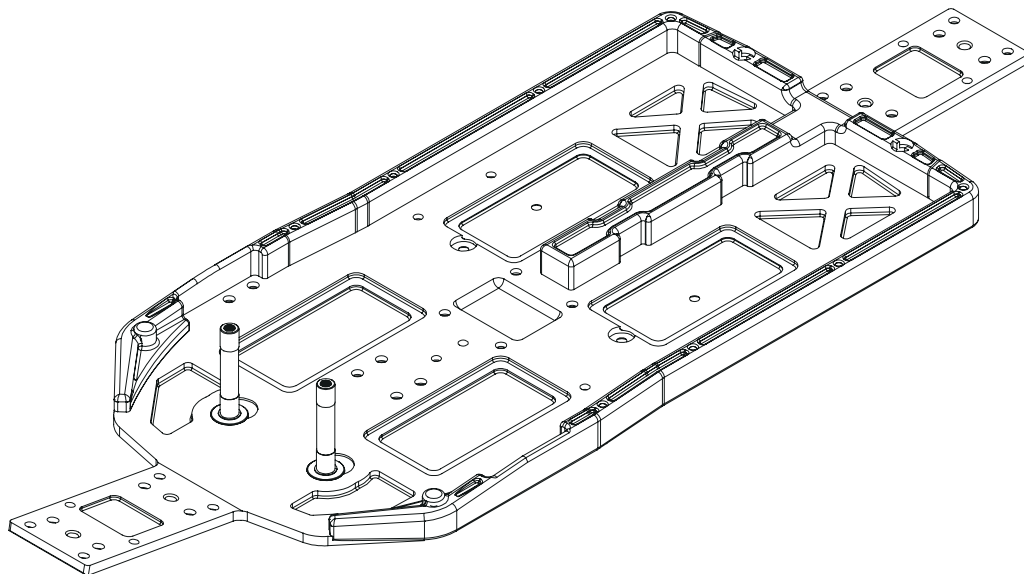
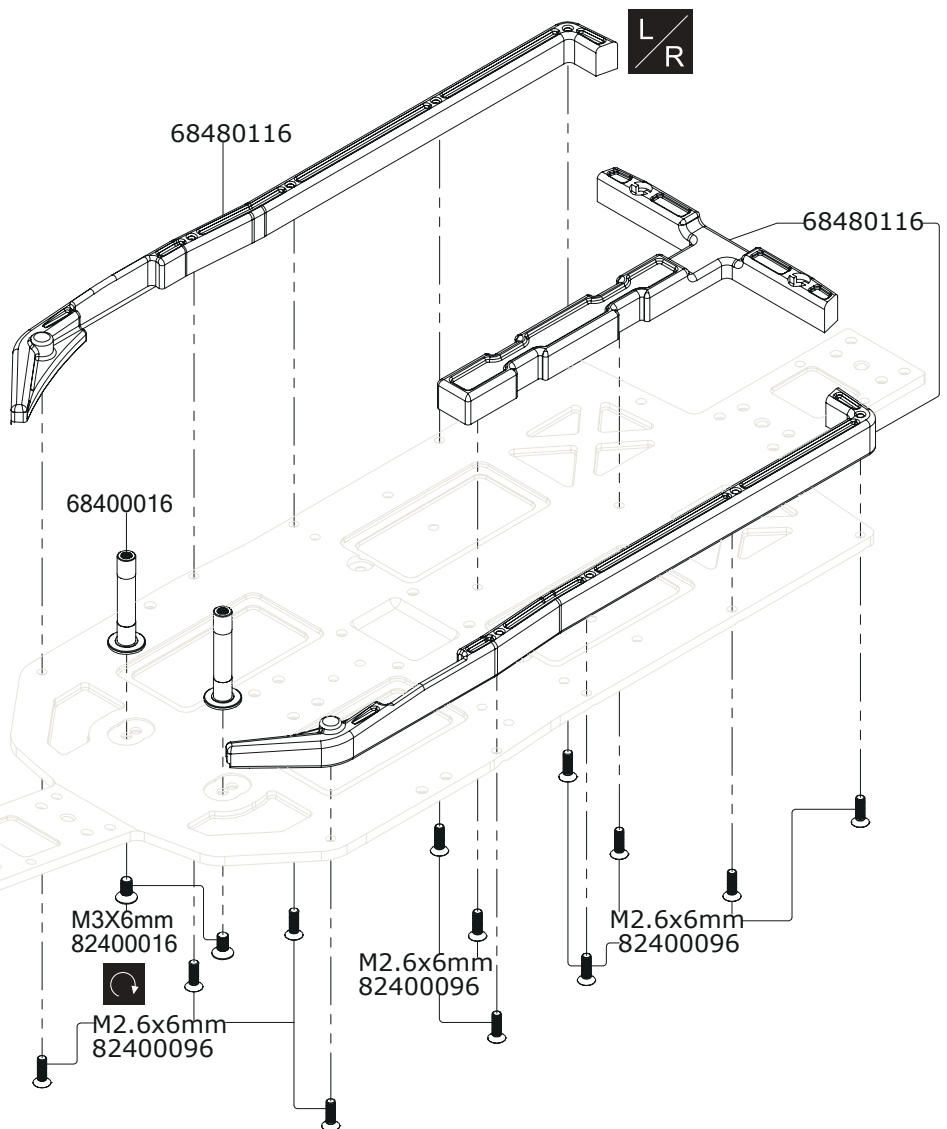


## Shortly Battery

-  — — — 12  
M2.6X6mm Flat Head Hex Screw
-  — — — 2  
M3X6mm Flat Head Hex Screw



68480426

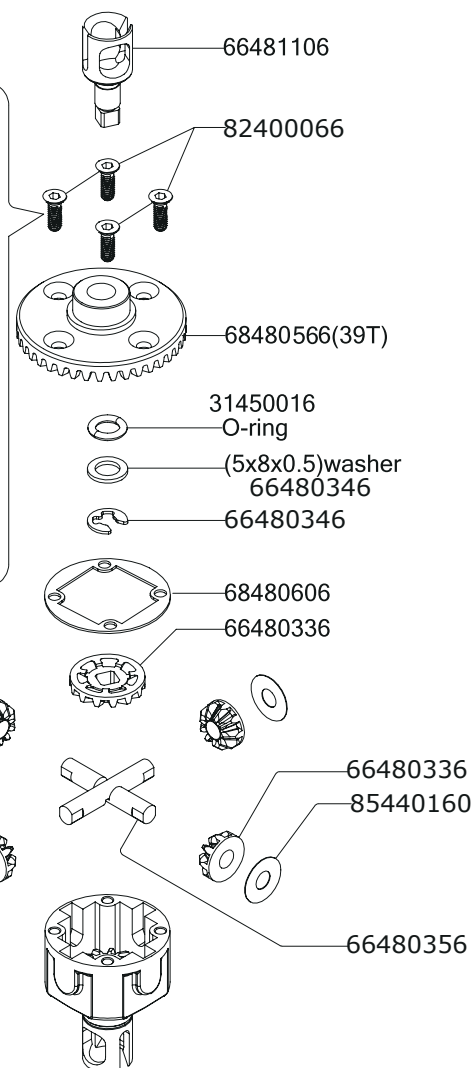
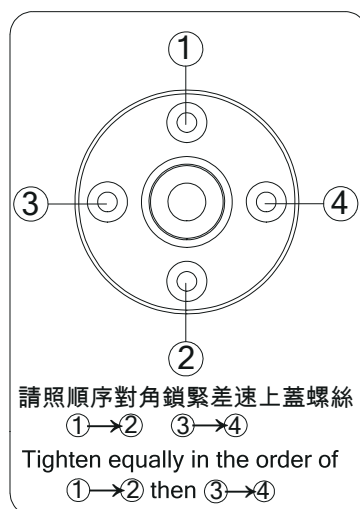
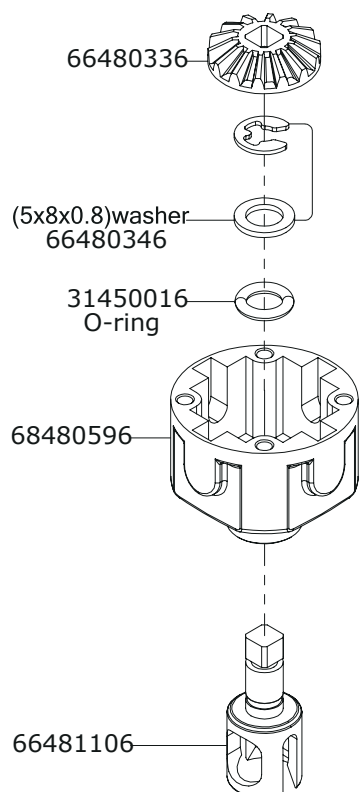
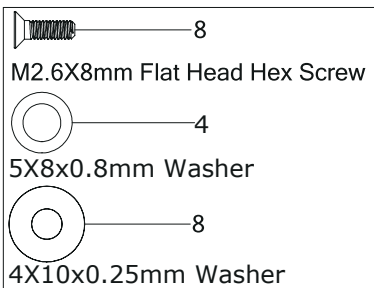


Part Bags used.



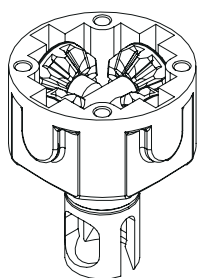
Tighten securely.


 Assemble left and right  
sides the same way.

BAG  
A**A2 Front&Rear Differential**

According to the different track, you can choose to use 2 gears or 4 gears

Diff Oil



**SILICON DIFF OIL # 5000** (Advise)  
(>3)

將差速油注入差速殼內至8分滿

Pour in the oil until the gears are just submerged in oil.





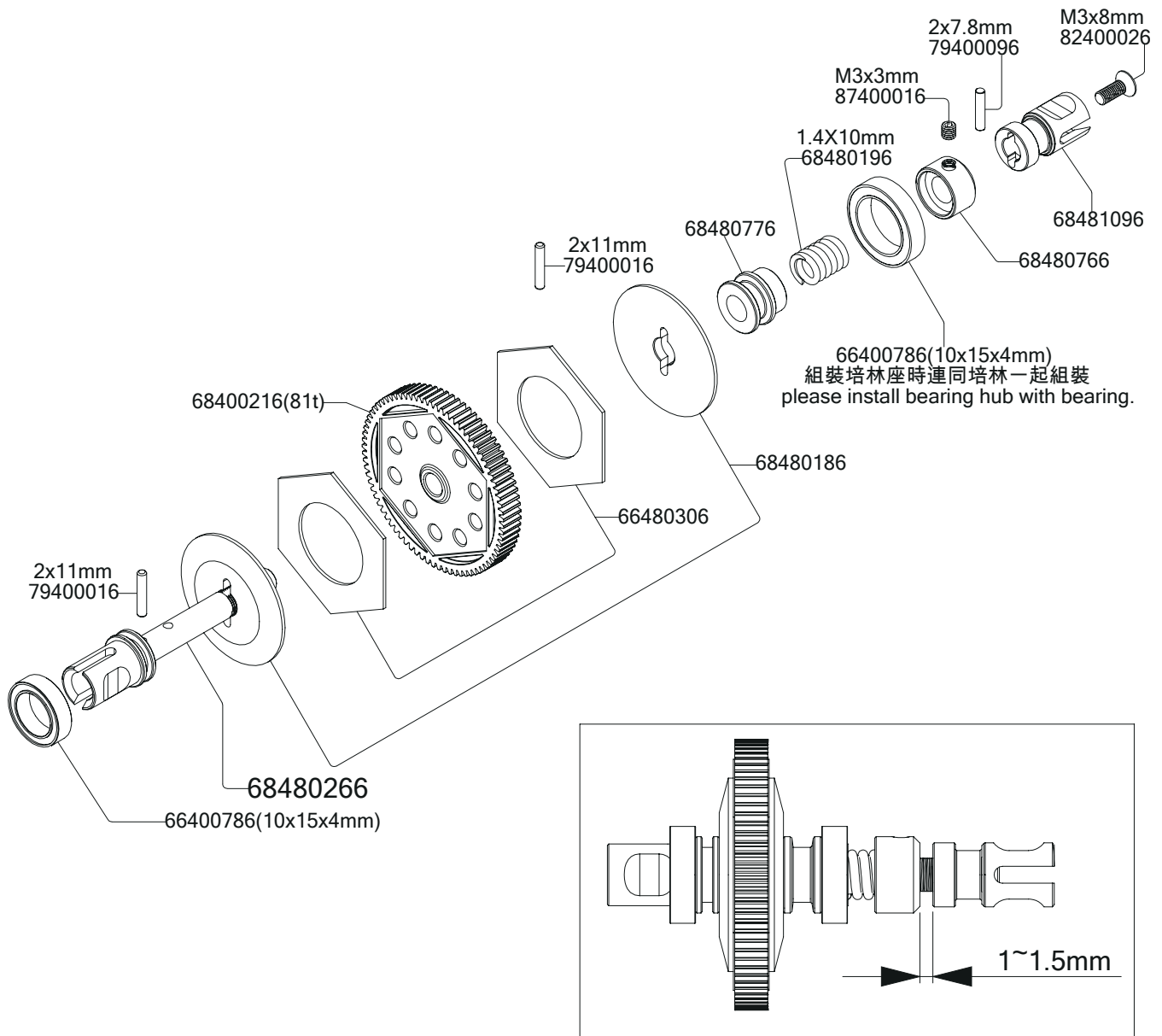
## A3 Center Diff



M3X3mm Set Screw

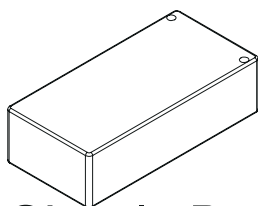


M3X8mm Flat Head Hex Screw



Part Bags used.

Assemble in the  
specified order.

**A4 Front Central Transmission****Front****Shortly Battery**

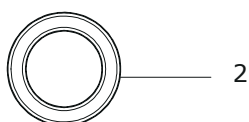
M3X10mm Button Head Hex Screw



M4X3mm Set Screw



5x10x4mm Ball Bearing



10x15x4mm Ball Bearing

組裝時請注意齒輪方向  
Please notice the direction  
of gear.

**Front**

Light Weight-7075  
"Please inspect the condition of this  
light weight component regularly"

請依照間隙鬆緊, 墊一至二片墊片  
Please add 1~2 washers according  
to the tightness of the gap.

10X12.5X0.1  
8544023066400786  
10x15x4mm Ball Bearing

68480876(15T)

10X12.5X0.1  
8544023066400786  
10x15x4mm Ball Bearing68480066  
M3X10mm  
80400046M3X10mm  
80400046M3X10mm  
8040004676480016-3mm  
68481056-4mm68480336  
79400066(9.8mm)78400016  
M4X3mm66400766  
5x10x4mm Ball Bearing

68480326

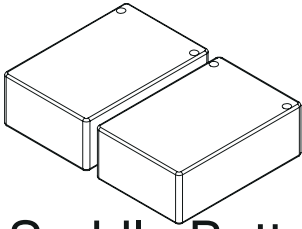
66400766  
5x10x4mm Ball Bearing68480066  
5X8X0.1  
85440090

66401096

71400286(59mm)

59mm

**1:1**

**A4 Front Central Transmission****Front****Saddle Battery**

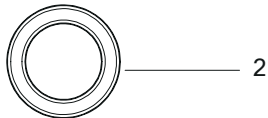
M3X10mm Button Head Hex Screw



M4X3mm Set Screw



5x10x4mm Ball Bearing

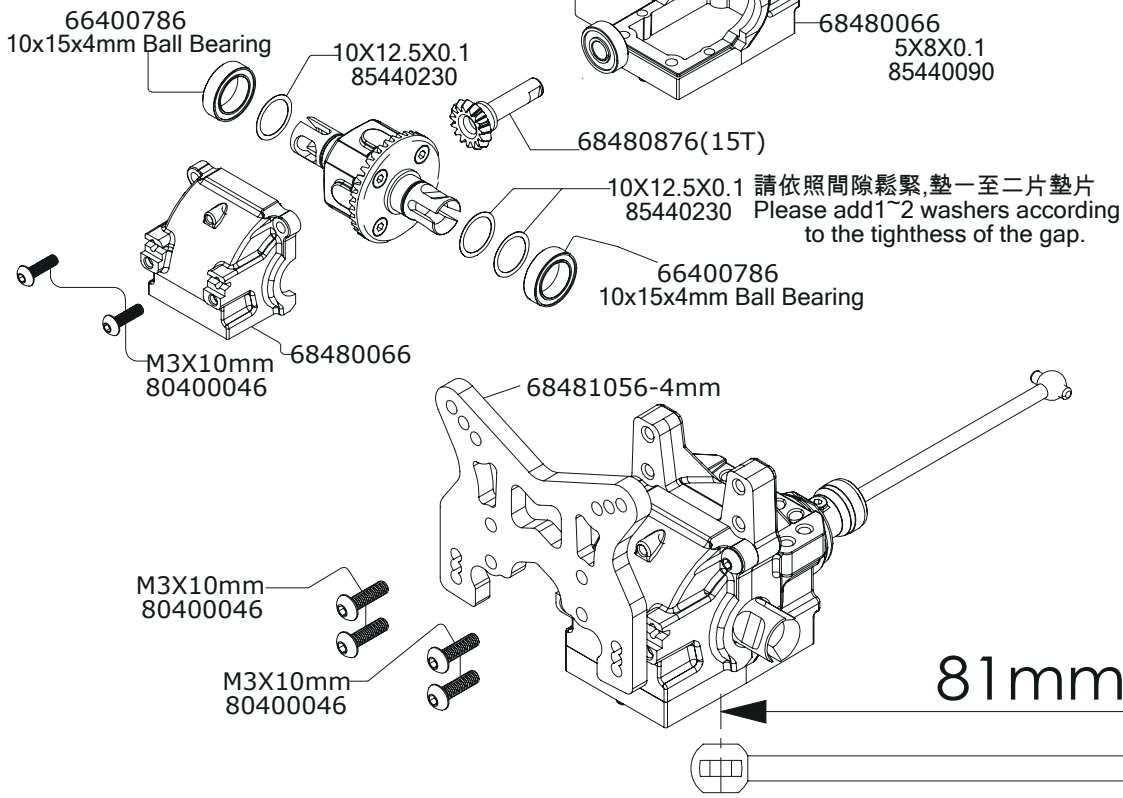


10x15x4mm Ball Bearing

組裝時請注意齒輪方向  
Please notice the direction  
of gear.

**Front**

Light Weight-7075  
"Please inspect the condition of this  
light weight component regularly"



Part Bags used.



Apply grease.

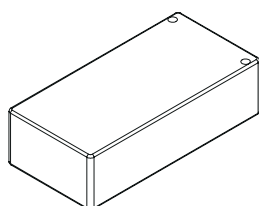


Apply threadlocker (screw cement)



## A5 Rear Central Transmission

Rear



## Shortly Battery



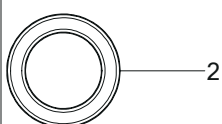
M3X10mm Button Head Hex Screw



M4X3mm Set Screw



5x10x4mm Ball Bearing



10x15x4mm Ball Bearing

! 組裝時請注意齒輪方向  
Please notice the direction  
of gear.

Front

10X12.5X0.1  
85440230Please add it or not  
according to the loose-tight.78400016  
M4X3mm

68480576(15T)

66400786  
10x15x4mm Ball BearingM3X10mm  
80400046

68480066

66400786  
10x15x4mm Ball Bearing10X12.5X0.1  
85440230

請依照間隙鬆緊, 墊一至二片墊片  
Please add 1~2 washers according  
to the tightness of the gap.

66400766  
5x10x4mm Ball Bearing68480336  
79400066(9.8mm)

68480326

66401096

71400266(89mm)

M3X10mm  
80400046

76480026-3mm

76480046-4mm

89mm

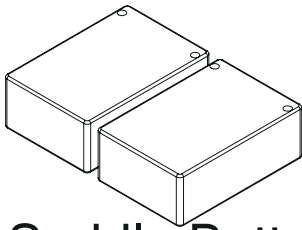
1:1



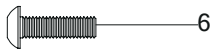


# A5 Rear Central Transmission

# Rear



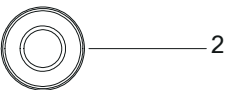
## Saddle Battery



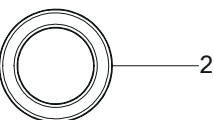
M3X10mm Button Head Hex Screw



M4X3mm Set Screw



5x10x4mm Ball Bearing



10x15x4mm Ball Bearing



組裝時請注意齒輪方向  
Please notice the direction of gear.

Front

請依照間隙鬆緊, 墊一至二片墊片  
Please add 2~3 washers according to the tightness of the gap.

10X12.5X0.1

85440230

66400786  
10x15x4mm Ball Bearing

68480876(15T)

M4X3mm  
86480016

68480336

79400066(9.8mm)

Light Weight-7075  
Please inspect the loss of the competition product regularly.



68480326

66401096

71400246(68mm)

66400786  
10x15x4mm Ball Bearing

M3X10mm  
80400046

68480066

10X12.5X0.1  
85440230

66400786  
10x15x4mm Ball Bearing

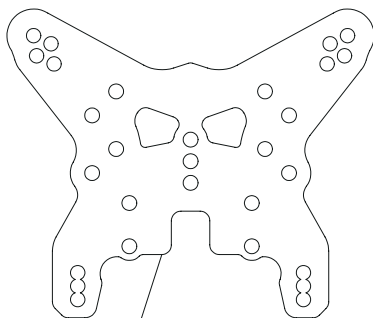
68480066

66400766  
5x10x4mm Ball Bearing

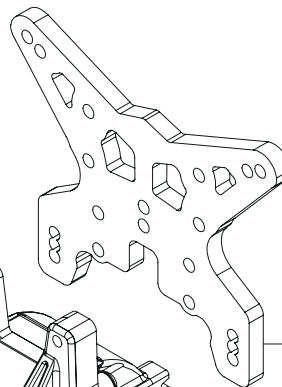
66400776  
5x10x4mm Ball Bearing

M3X10mm  
80400046

OR



76480046-4mm



76480046-4mm

1:1

68mm



Part Bags used.



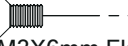
Apply grease.

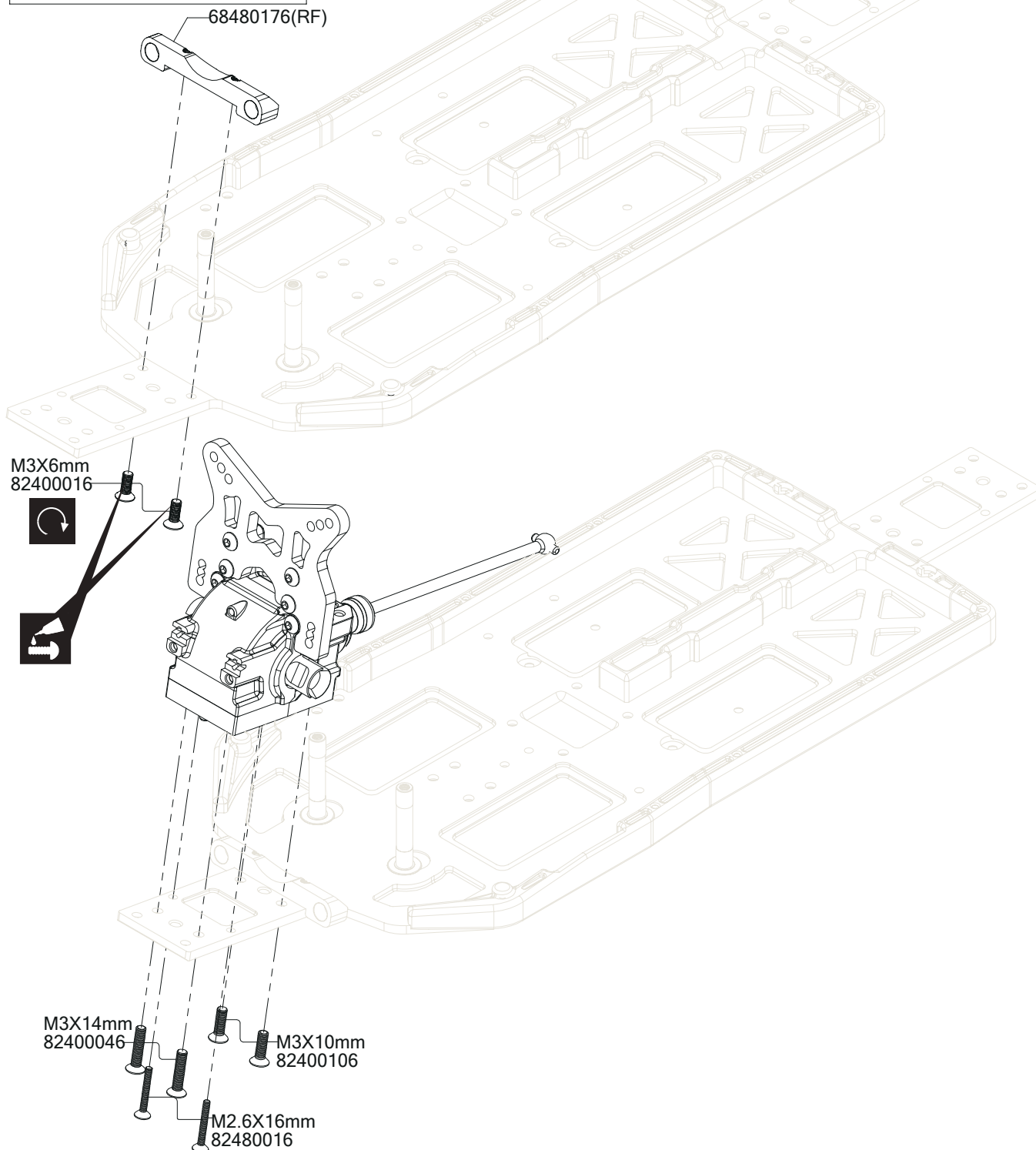


Apply threadlocker (screw cement)



## B1 Front Assembly

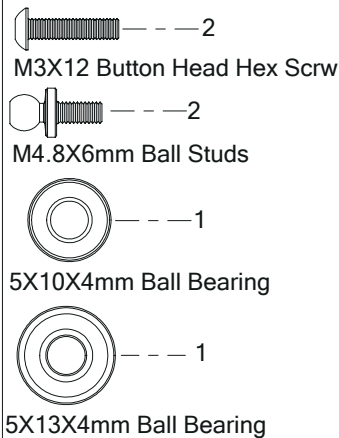
-  -- 2  
M2.6X16mm Flat Head Hex Screw
-  -- 2  
M3X6mm Flat Head Hex Screw
-  -- 2  
M3X10mm Flat Head Hex Screw
-  -- 2  
M3X14mm Flat Head Hex Screw



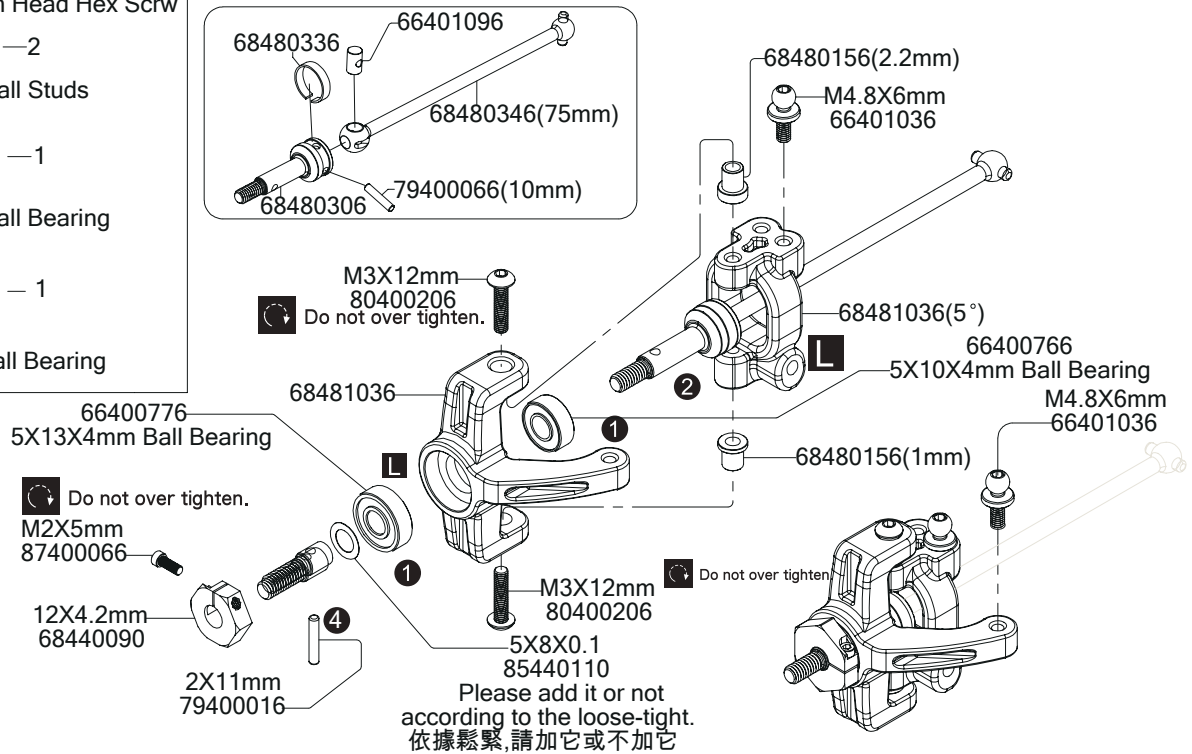


## B2 Front Spindle(Left Side)

## Left Side

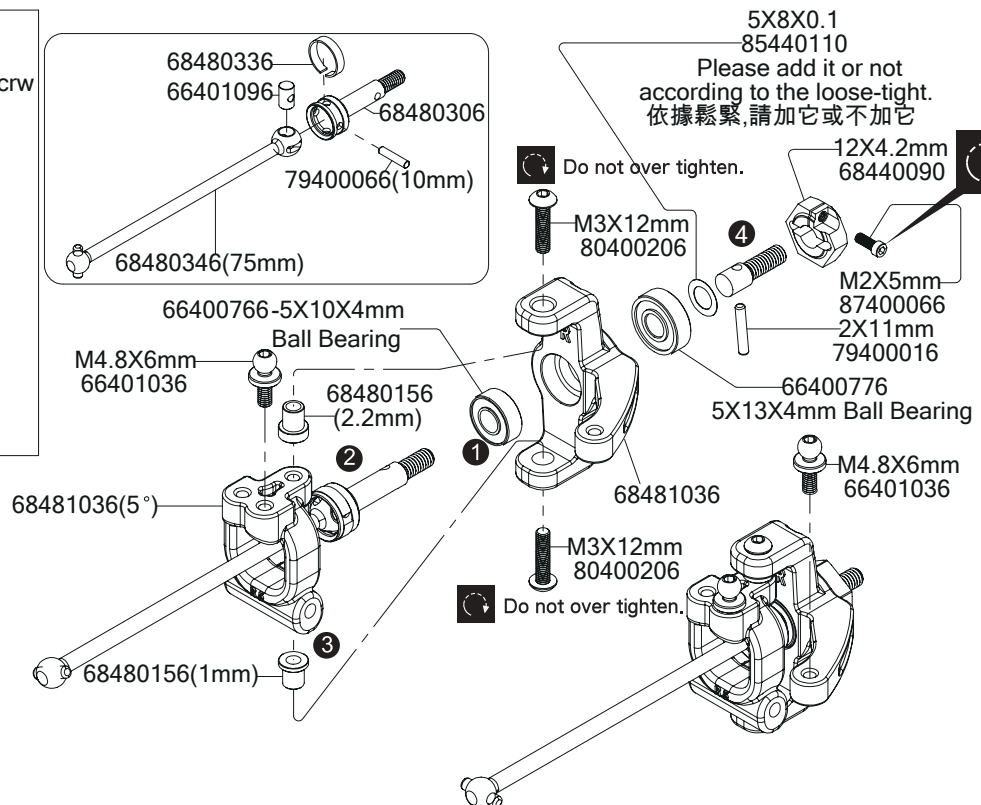
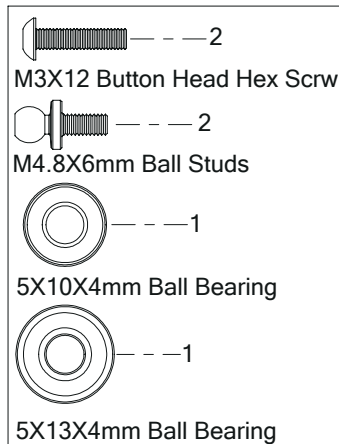


### Left Side



## B2 Front Spindle(Right Side)

## Right Side



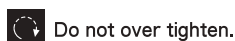
Part Bags used.



Tighten securely.



Assemble in the specified order.



Do not over tighten.



## B3 Front Suspension



M3X6mm Flat Head Hex Screw



M3X8mm Flat Head Hex Screw



M2.6X4mm Button Head Hex Screw



M3X3mm Set Screw



M3X10mm Set Screw

1

M3X3mm

87400016

68480476

M3X10mm

87400026

77430036

Gray

1:1

2

79400036(36.8mm)

M2.6X4mm(5.6mm)

80400016

L/R

79480036(3x52m)

68410066

68480016

68410066

4 68480166(FF)

68480036

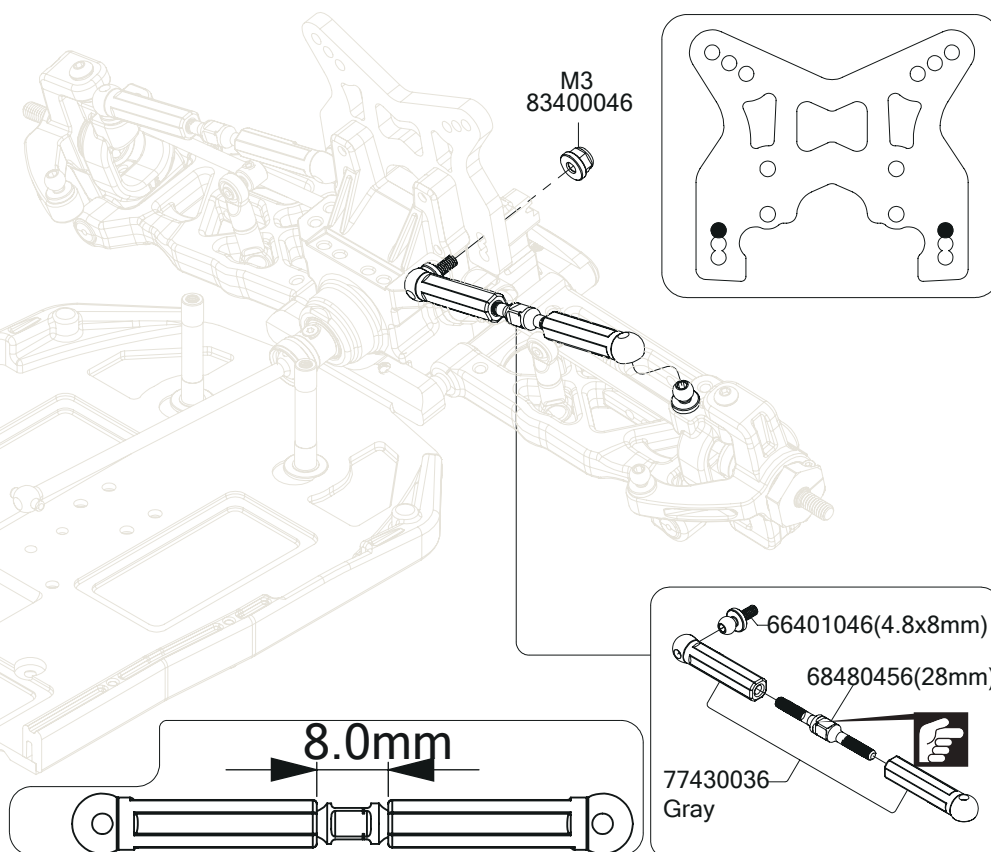
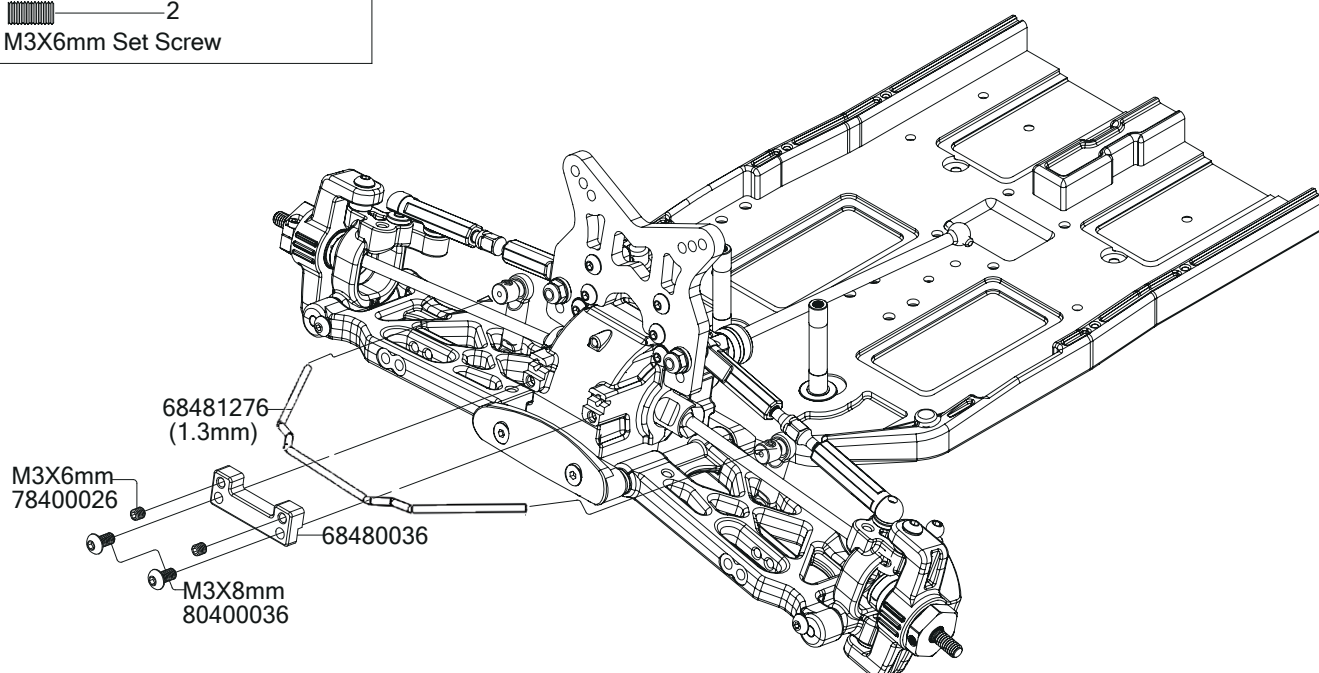
M3X6mm  
82400016

68480036

因應不同場地需求增加或減少墊片  
With different requirement of  
places, increase or decrease washer.

1pcs=1°  
2pcs=2°

M3X8mm  
82400026

 BAG  
C BAG  
B

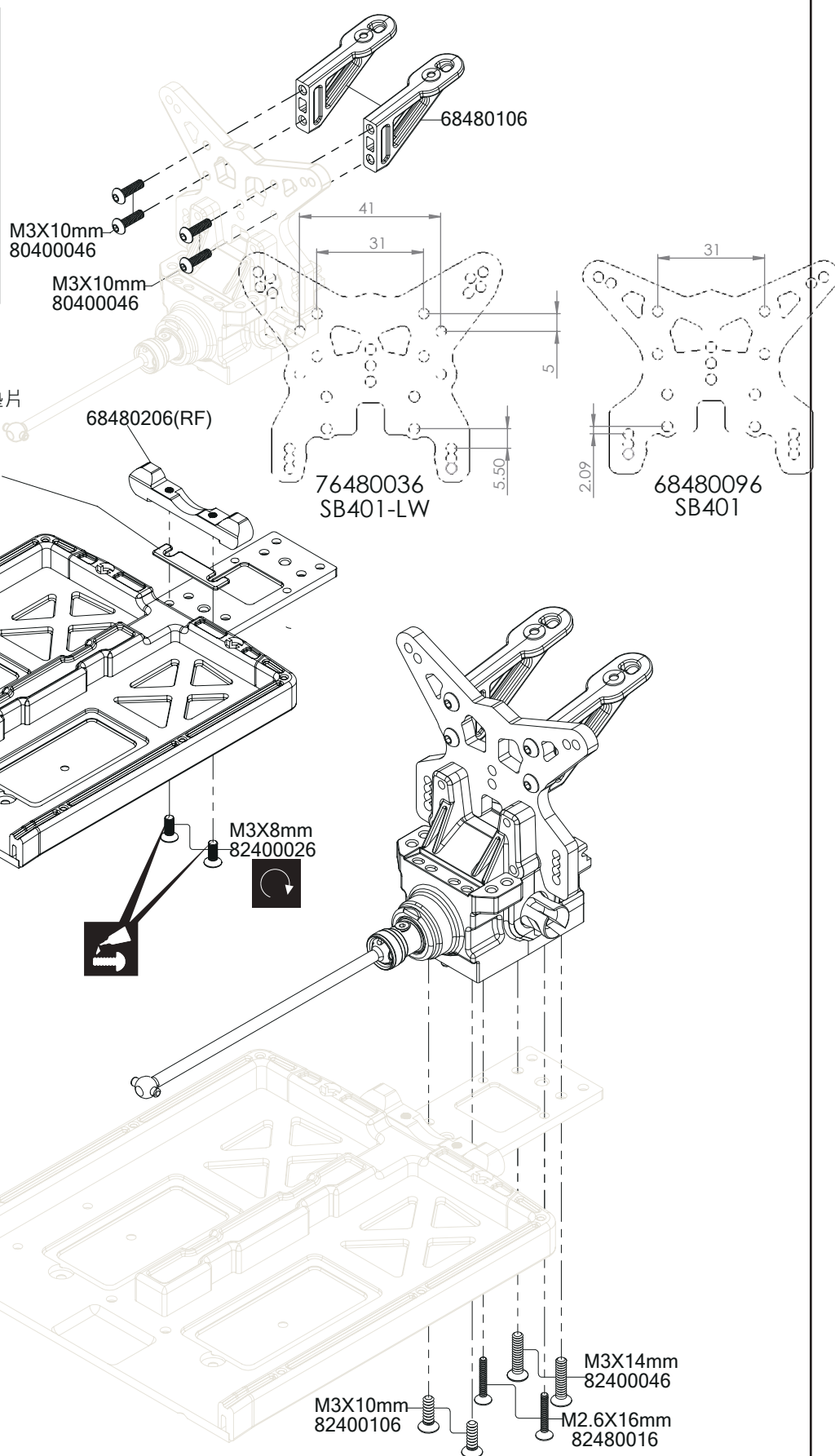


## C1 Rear Assembly

-  --- 2  
M2.6X16mm Flat Head Hex Screw
-  --- 2  
M3X8mm Flat Head Hex Screw
-  --- 2  
M3X10mm Flat Head Hex Screw
-  --- 2  
M3X14mm Flat Head Hex Screw
-  --- 4  
M3X10mm Button Head Hex Screw

因應不同場地需求增加或減少墊片  
With different requirement of  
places, increase or decrease washer.

1pcs=1°  
2pcs=2° 68480036



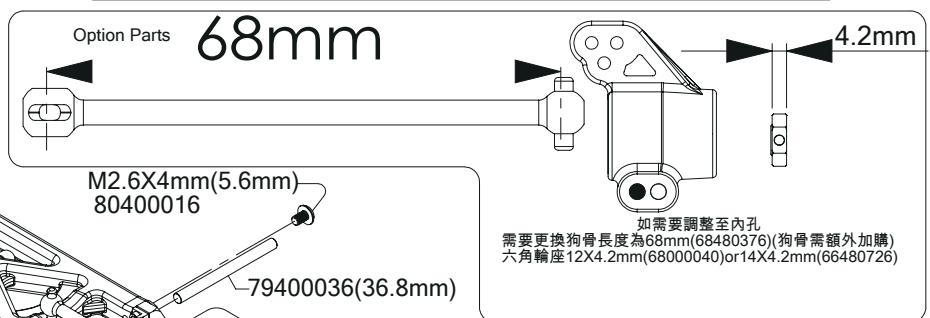
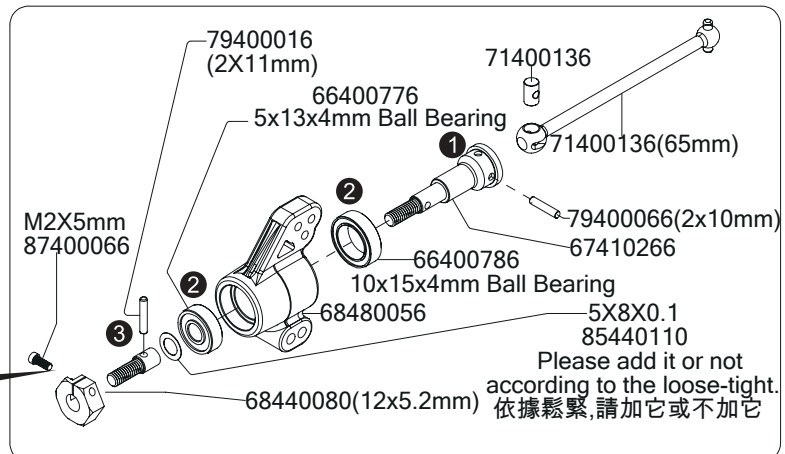


## C2 Rear Suspension

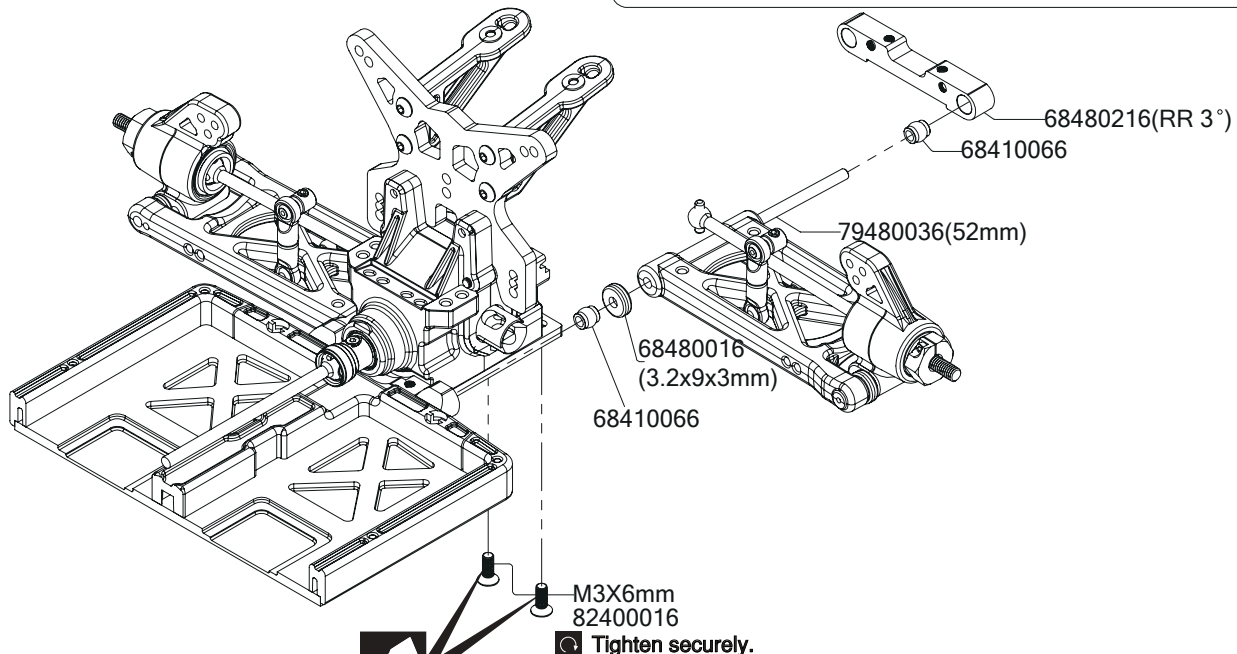
-  --- 2  
M3X6mm Flat Head Hex Screw
-  --- 2  
M2.6X4mm Button Head Hex Screw
-  --- 2  
M3x10mm Set Screw

-  --- 2  
5x13x4mm Ball Bearing

-  --- 2  
10x15x4mm Ball Bearing



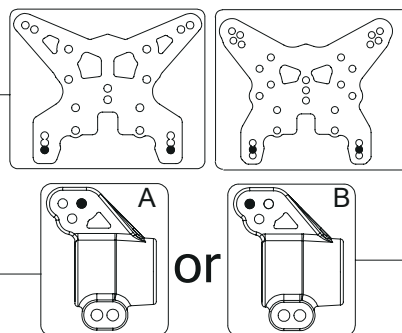
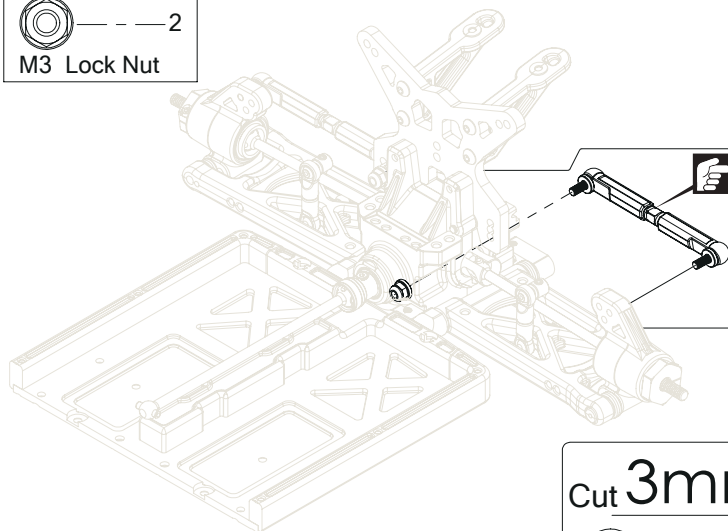
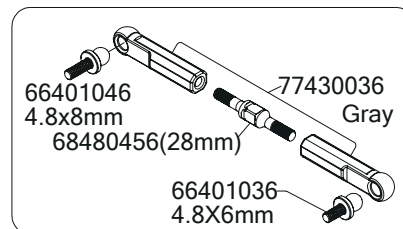
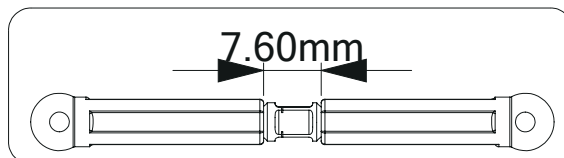
1:1



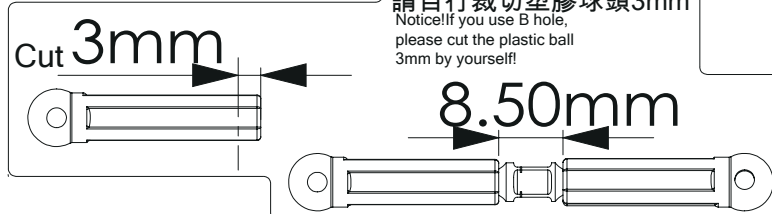


## C3 Front Suspension

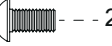
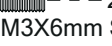
-  -- 2
-  -- 2
-  -- 2



注意!!如使用B孔位  
請自行裁切塑膠球頭3mm  
Notice!!If you use B hole,  
please cut the plastic ball  
3mm by yourself!

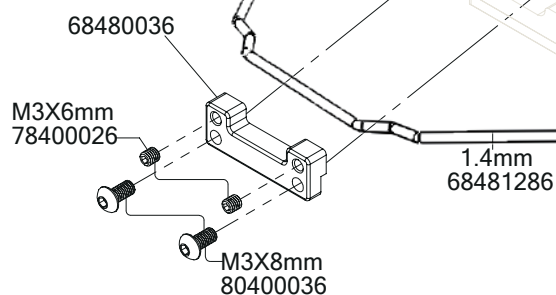


## C4 Front Suspension

-  -- 2
-  -- 2

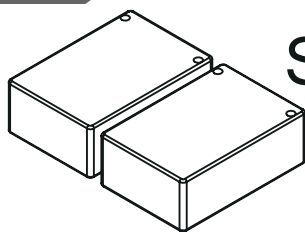
M3X8mm Button Head Hex Screw

M3X6mm Set Screw

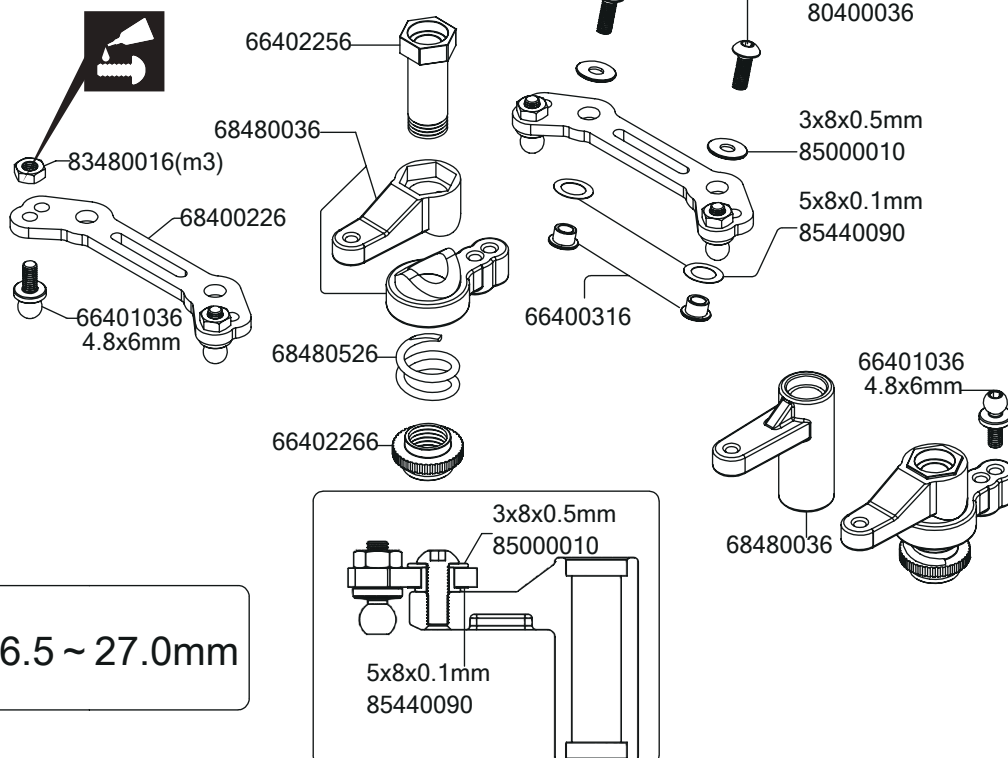
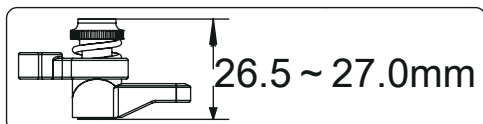
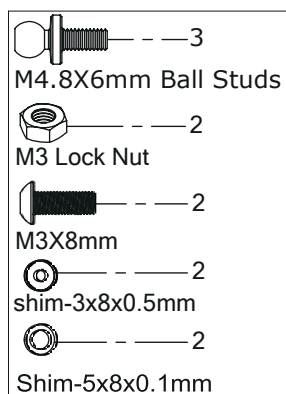




## D1 Steering

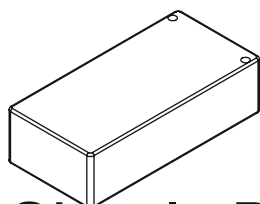


### Saddle Battery

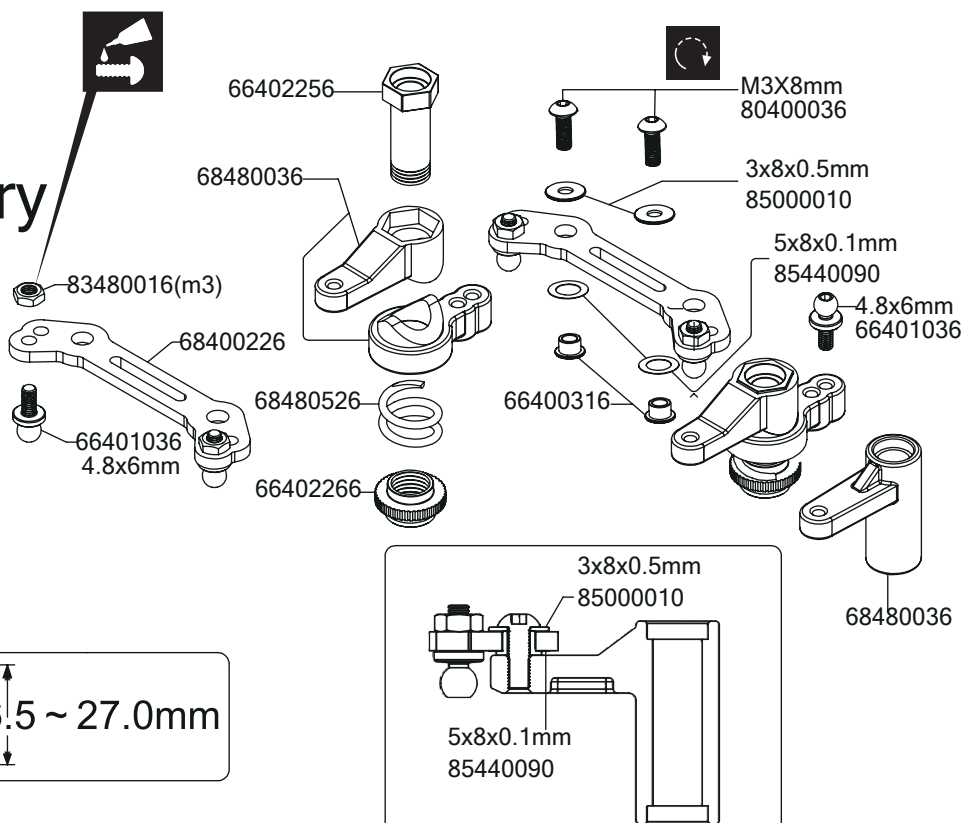
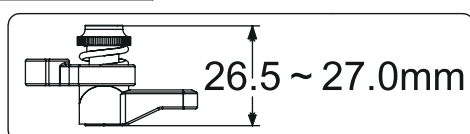
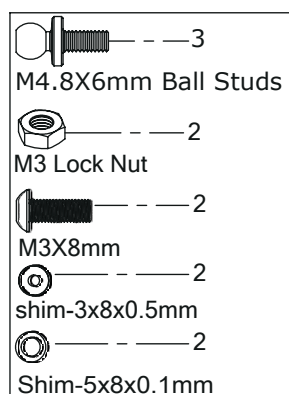


## D1 Steering

OR



### Shortly Battery



Part Bags used.



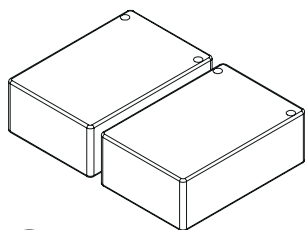
Do not over tighten.



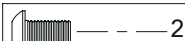
Apply threadlocker (screw cement)



## D2 Steering



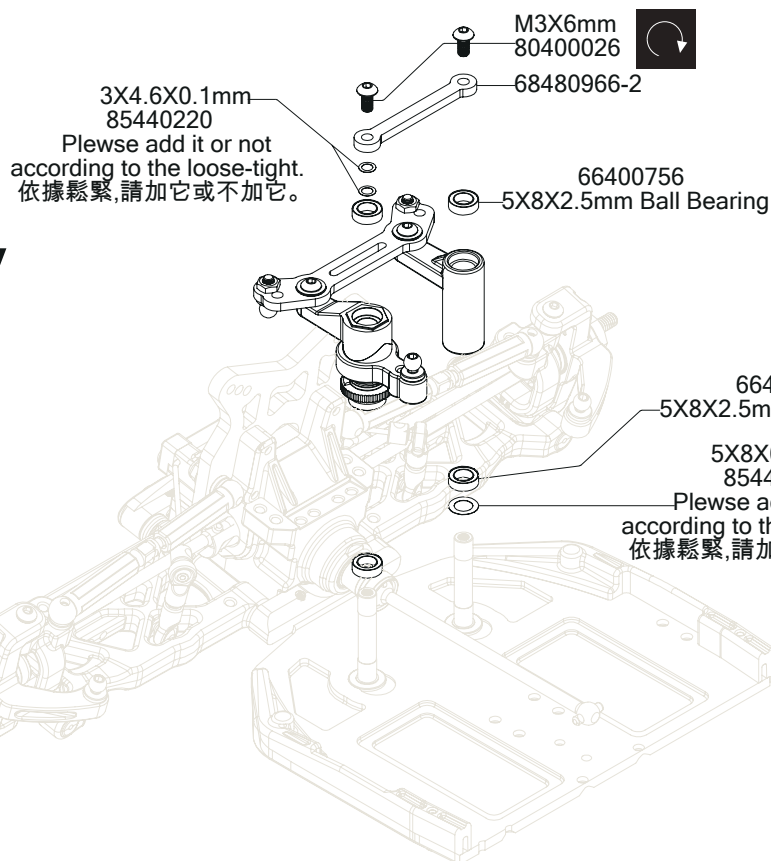
### Saddle Battery



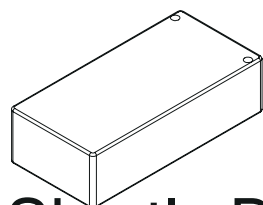
M3X6mm Button Head Hex Screw



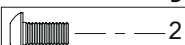
5X8X2.5mm Ball Bearing



## D2 Steering



### Shortly Battery



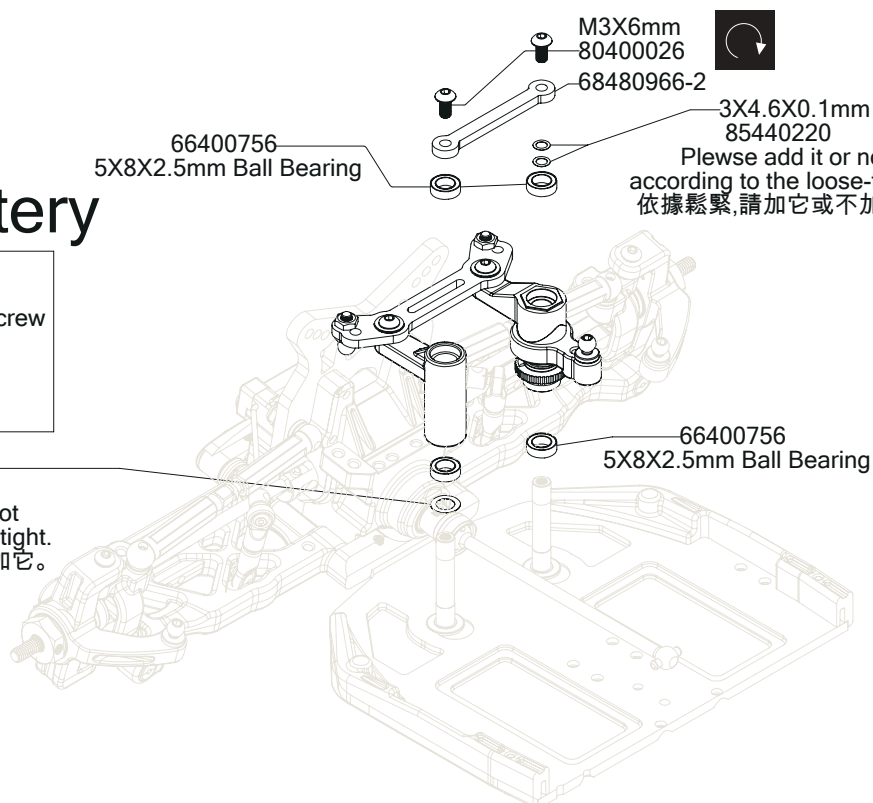
M3X6mm Button Head Hex Screw



5X8X2.5mm Ball Bearing

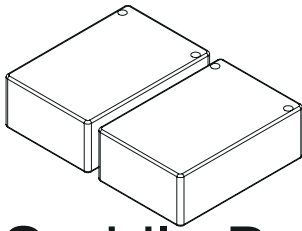
5X8X0.1mm 85440110

Plewse add it or not according to the loose-tight.  
依據鬆緊,請加它或不加它。



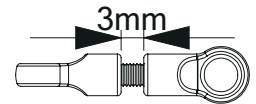
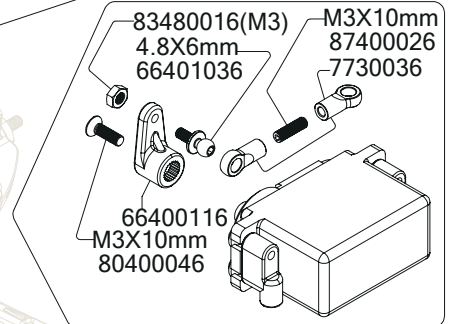
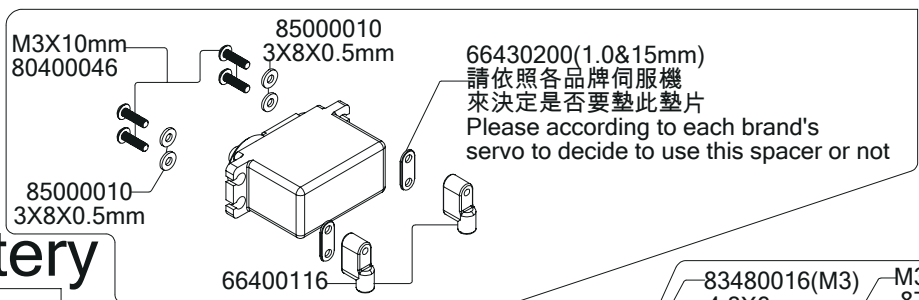


## D3 Steering Servo



### Saddle Battery

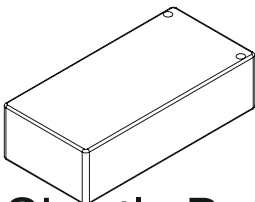
- 4 M3X10mm Button Head Hex Screw
- 2 M3X8mm Flat Head Hex Screw
- 1 M3X10mm Flat Head Hex Screw
- 1 M4.8X6mm Ball Studs
- 1 M3X10mm Set Screw



M3X8mm 82400026

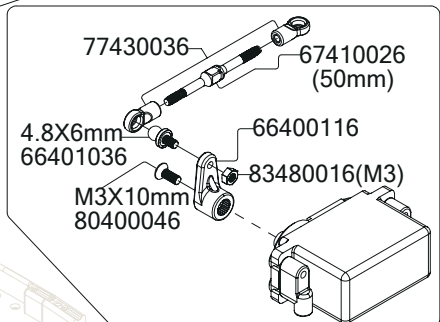
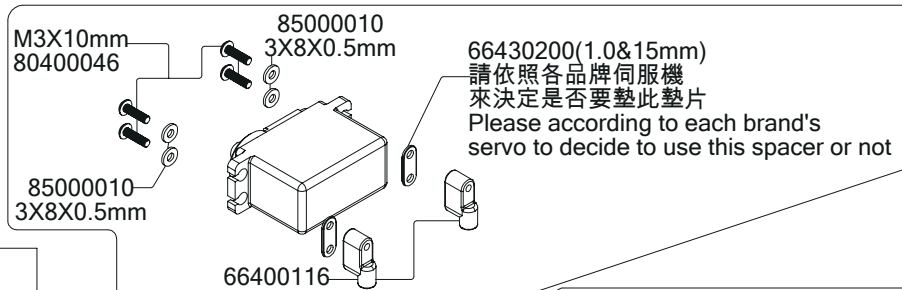


## D3 Steering Servo

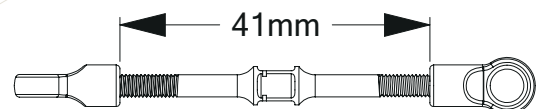


### Shortly Battery

- 4 M3X10mm Button Head Hex Screw
- 2 M3X8mm Flat Head Hex Screw
- 1 M3X10mm Flat Head Hex Screw
- 1 M4.8X6mm Ball Studs

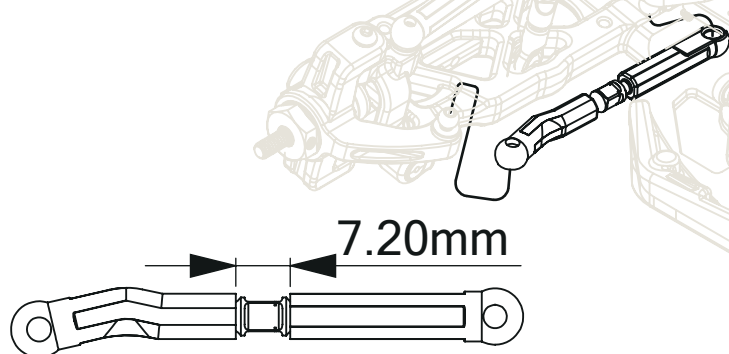
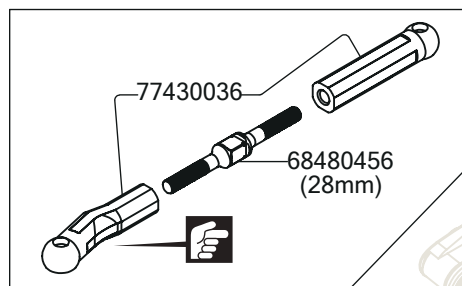


M3X8mm 82400026



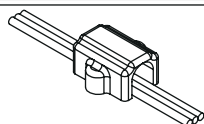


## D4 Steering

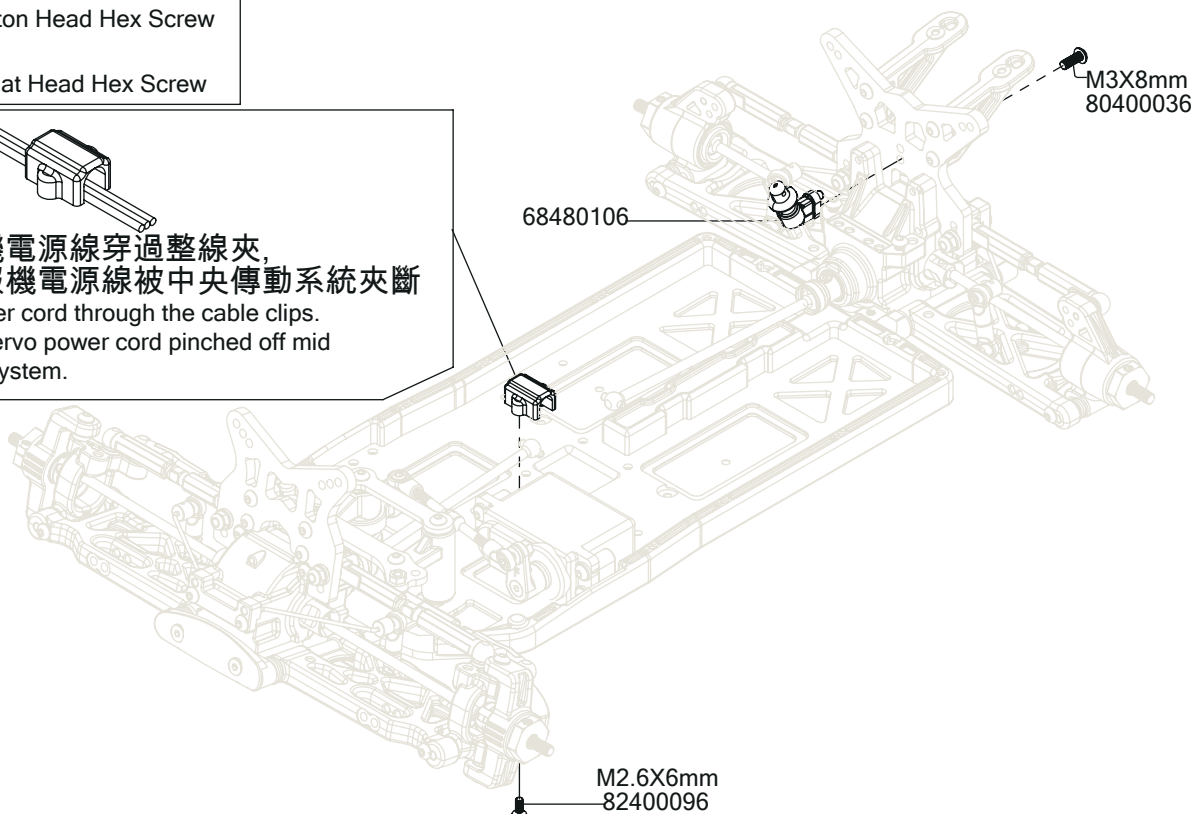


## D5 Body Mounts

- 1 M3X8mm Button Head Hex Screw
- 3 M2.6X6mm Flat Head Hex Screw

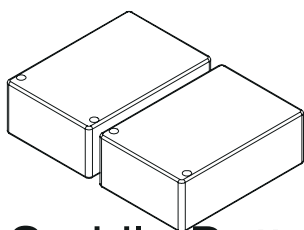


將伺服機電源線穿過整線夾，  
避免伺服機電源線被中央傳動系統夾斷  
Servo power cord through the cable clips.  
To avoid servo power cord pinched off mid drivetrain system.



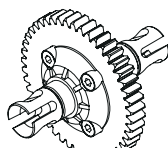


## D6 Gear Piff Assembly



### Saddle Battery

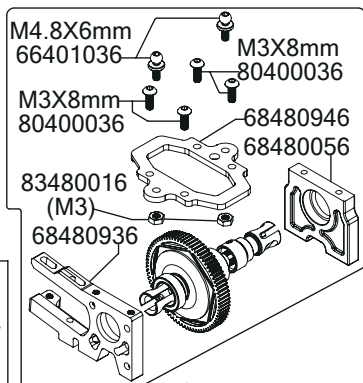
-  4
-  4
-  4
-  2
-  2



在中置傳動系統可選擇紐線與齒輪差速兩種  
(選擇齒輪差速要另外購買)

You can choose slipper or gear differential in mid system.  
(You have to purchase gear differential additionally)

PART NO:68480586 PART NO:68481006  
Name:77T Name:80T



Assembly note that corner location!  
組裝時請注意此處缺角的位置!

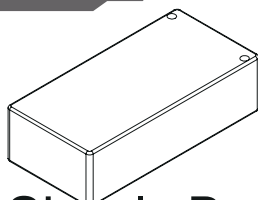
Corner below

68480786

M3X10mm  
80400046

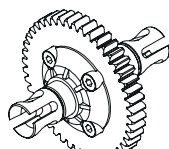


## D6 Gear Piff Assembly OR



### Shortly Battery

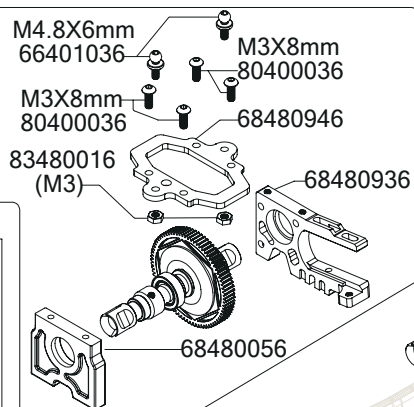
-  4
-  4
-  4
-  2
-  2



在中置傳動系統可選擇紐線與齒輪差速兩種  
(選擇齒輪差速要另外購買)

You can choose slipper or gear differential in mid system.  
(You have to purchase gear differential additionally)

PART NO:68480586 PART NO:68481006  
Name:77T Name:80T



Assembly note that corner location!  
組裝時請注意此處缺角的位置!

Corner below

68480786

M3X10mm  
80400046



# D7 Top Deck Build

 4  
 M3X8mm Button Head Hex Screw  
 2  
 M4.8X6mm Ball Studs

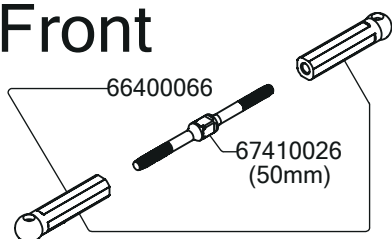
 66401036  
 68480956  
 83480016  
 (M3)

 M3X8mm  
 80400036



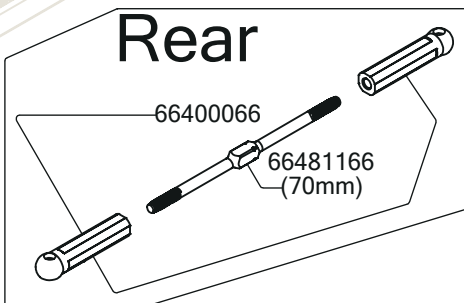
 M3X8mm  
 80400036

Front



35.5 mm

Rear



49mm



## E1 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) ----- 8

M2.6 Nut ----- 4

2.6x6x0.5mm Washer ----- 4

Shock Cartridge ----- 4

Shock Ball---4pcs

Shock Piston 1.6 1.6 ----- 2

Shock Piston 1.8 ----- 2

83400016  
1.8X1  
67410186  
85440070

66401666

(1mm)  
66430200  
以照場地調整來決定是否安裝此墊片

66430090

66400626

68410066

66400676

66402376  
6mm\*08mm

66402246

83400016  
1.6X2  
67410186  
85440070

66401656

(1mm)  
66430200  
以照場地調整來決定是否安裝此墊片

66430090

66400636

68410066

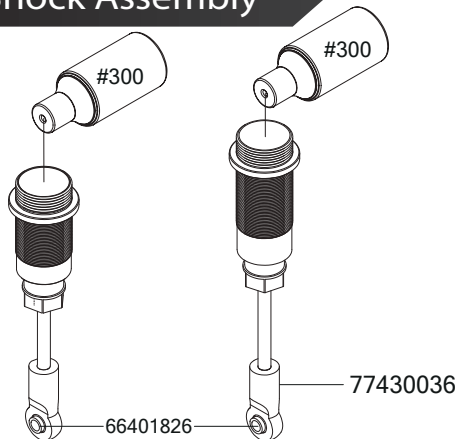
66400676

66402376  
6mm\*08mm

66402246

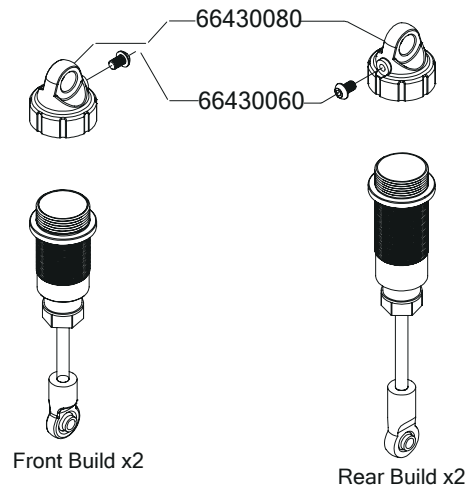


## E2 Shock Assembly



Front Build x2

Rear Build x2



Front Build x2

Rear Build x2



## E3 Shock Spring

Shock Collars O-Rings ----- 4

Shock Collars O-Rings

Front Shock Spring H++ ----- 2

Rear Shock Spring H++ ----- 2

Shock End & Spring Cup Set & Rod End ----- 4

Shock End & Spring Cup Set & Rod End

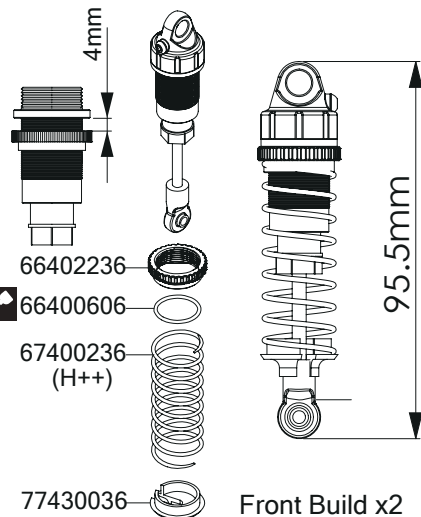
Shock End & Spring Cup Set & Rod End

Shock End & Spring Cup Set & Rod End

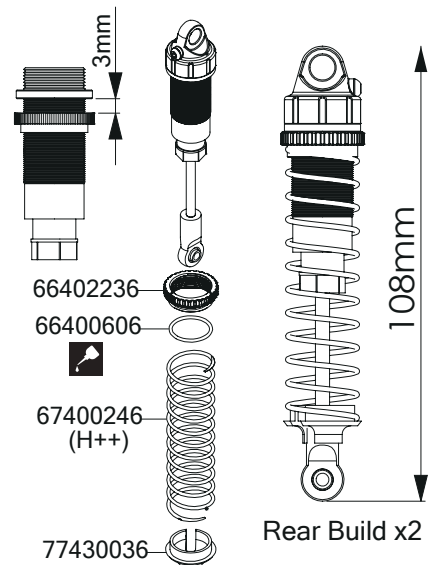
Shock End & Spring Cup Set & Rod End

Shock End & Spring Cup Set & Rod End

Shock End & Spring Cup Set & Rod End



Front Build x2

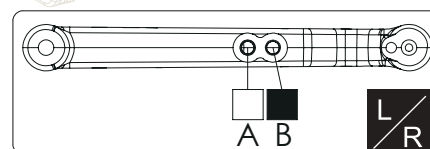
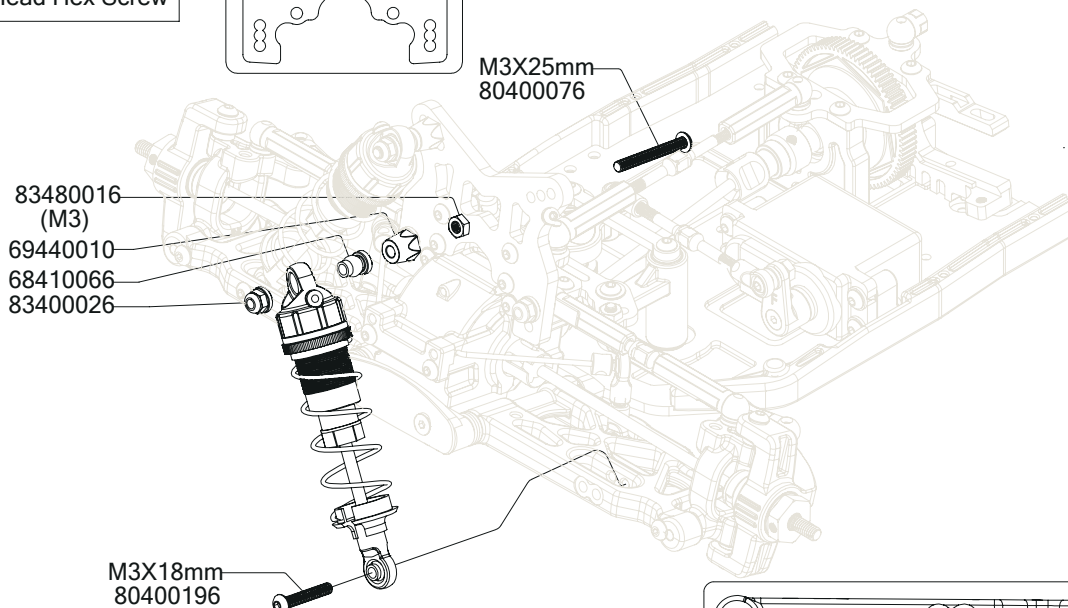
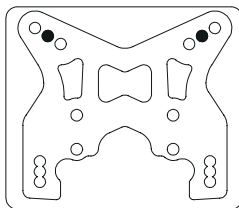


Rear Build x2



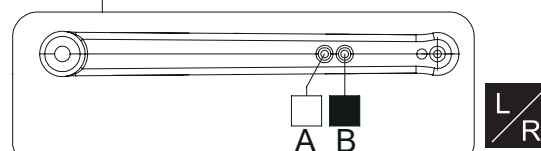
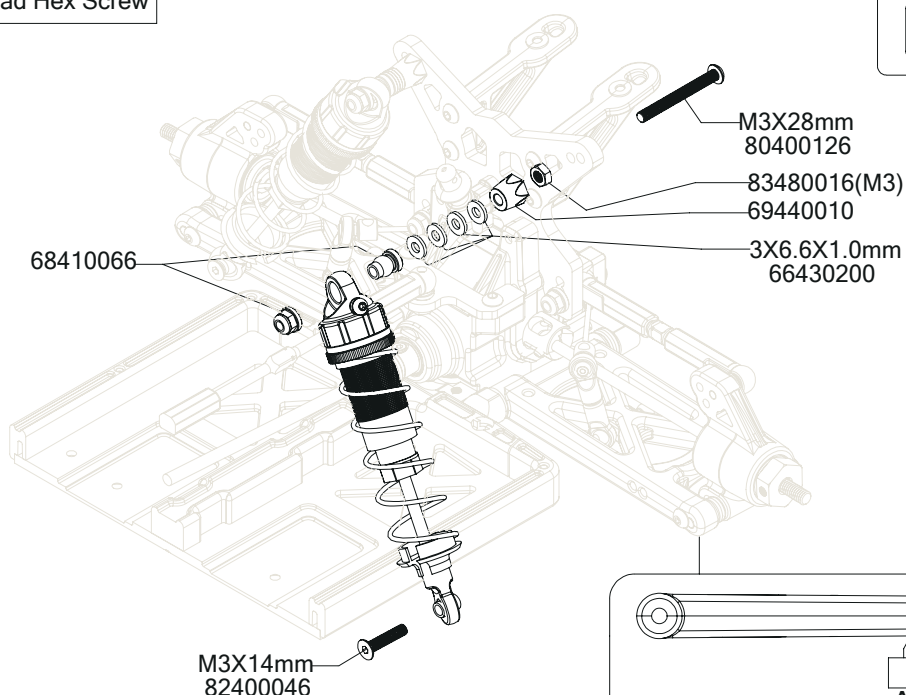
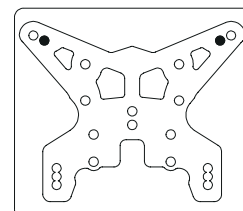
## E4 Front Suspension

-  — — — 2  
**M3X18mm Button Head Hex Screw**  
 — — 2  
**M3X25mm Button Head Hex Screw**



## E5 Rear Suspension

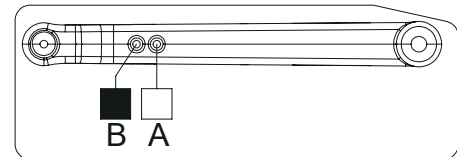
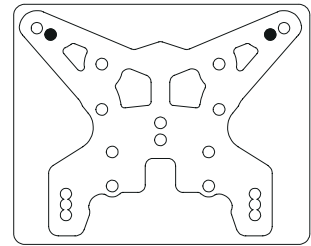
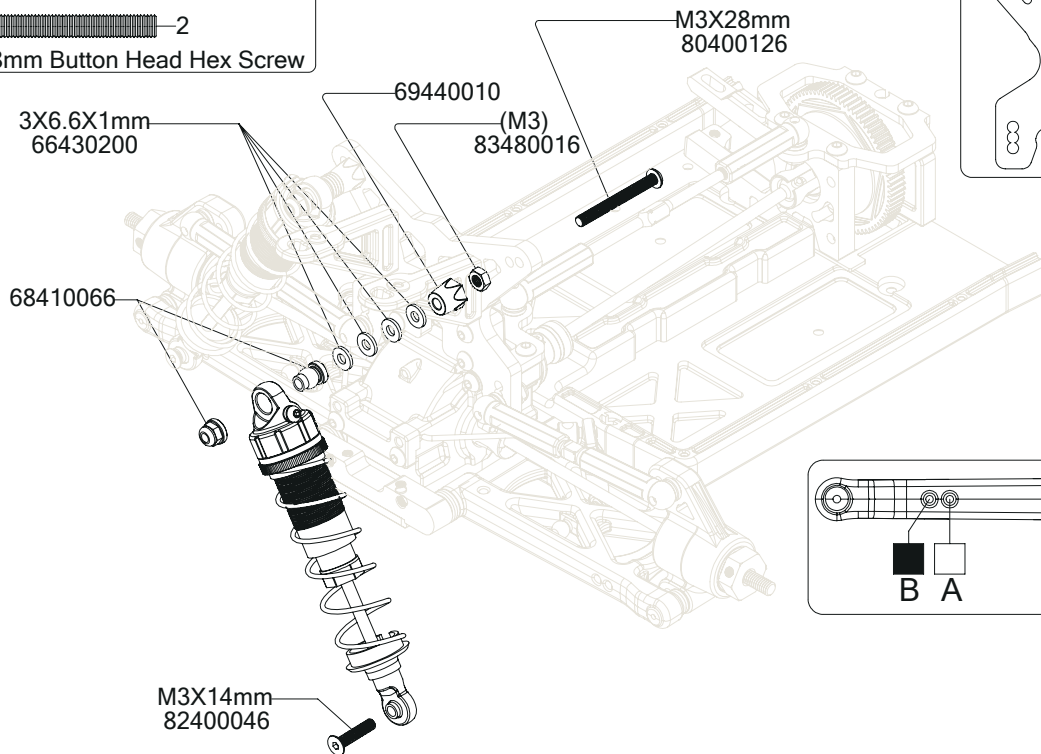
-  — — — 2  
**M3X14mm Flat Head Hex Screw**  
 — — 2  
**M3X28mm Button Head Hex Screw**



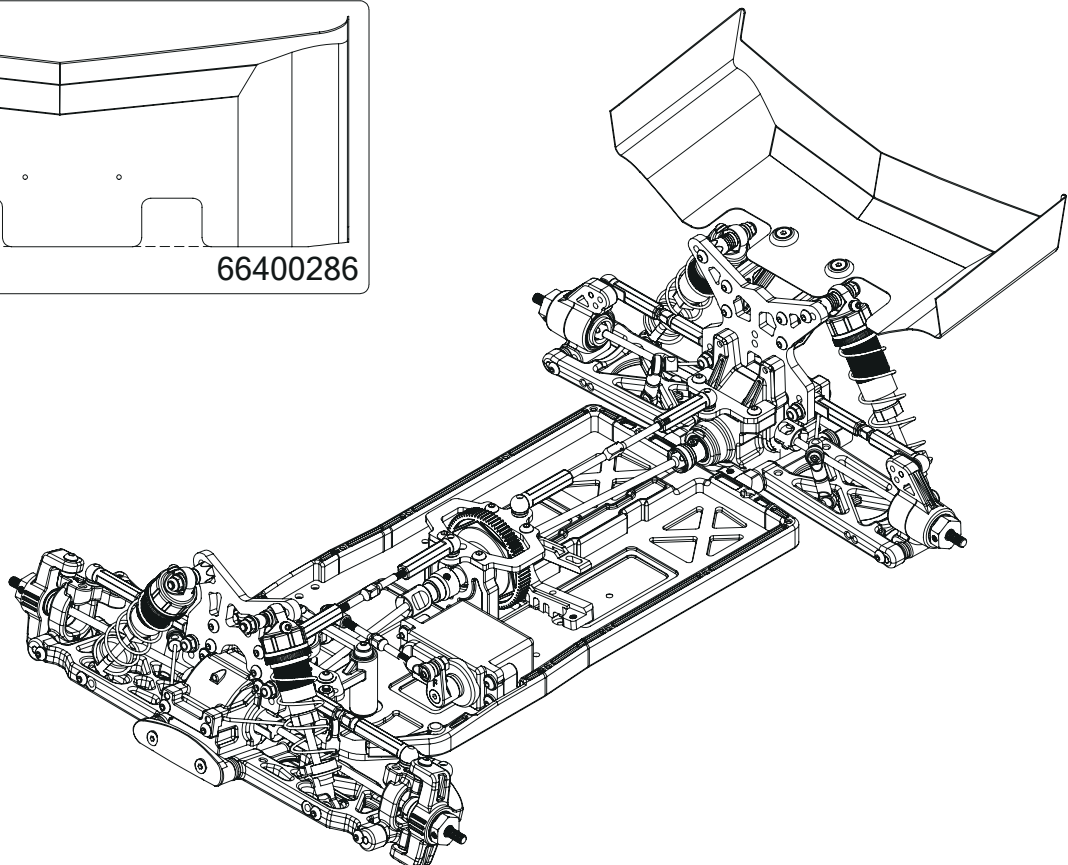
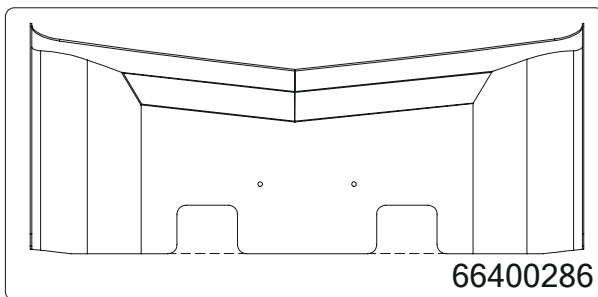


# E5 Breech-loading shock combination

-  2  
 M3X14mm Flat Hex Sxrew  
 2  
 M3X28mm Button Head Hex Screw



L  
R



Part Bags used.



Ensure smooth non-binding movement while assembling.



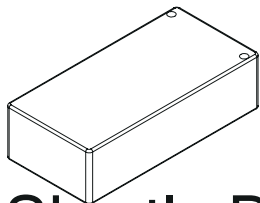
Cut off shaded portion.



Assemble left and right sides the same way.

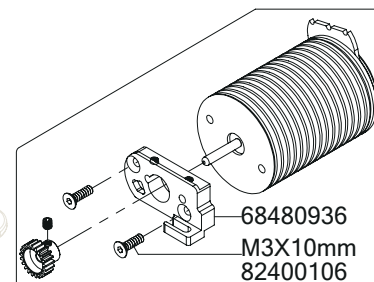


## E6 Motor



## Shortly Battery

-  2  
M3X10mm Flat Head Hex Screw
-  2  
M3X8mm Button Head Hex Screw
-  1  
M3X10mm Button Head Hex Screw

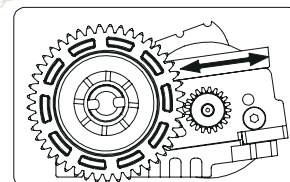


M3X10mm  
80400046

M3X8mm  
80400036

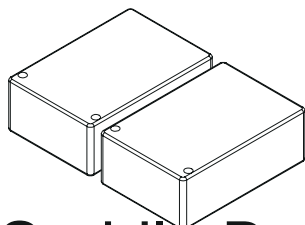
Front

M3X8mm  
80400036



## E7 Motor

OR



## Saddle Battery

-  2  
M3X8mm Flat Head Hex Screw
-  2  
M3X8mm Button Head Hex Screw
-  1  
M3X10mm Button Head Hex Screw

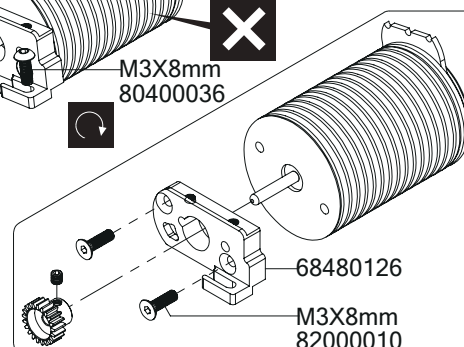
M3X8mm  
80400036

M3X10mm  
80400046

M3X8mm  
80400036

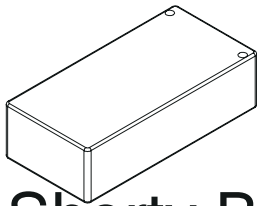
Pinion gears that will fit.

| Pinion      | 17T   | 18T   | 19T   | 20T   | 21T  | 22T | 23T | 24T  | 25T | 26T  |
|-------------|-------|-------|-------|-------|------|-----|-----|------|-----|------|
| 81T<br>Sper | 11.91 | 11.25 | 10.66 | 10.13 | 9.64 | 9.2 | 8.8 | 8.44 | 8.1 | 7.79 |



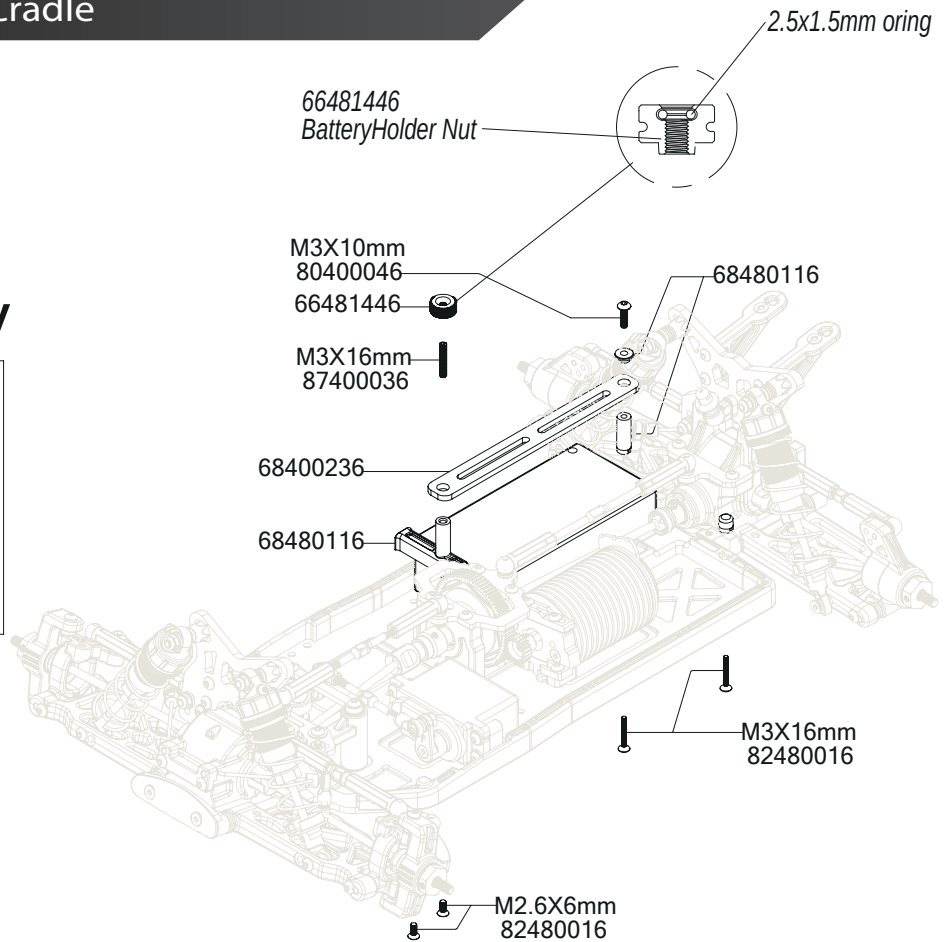


## E8 Battery Cradle



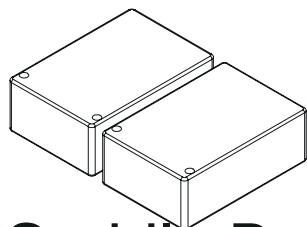
### Shorty Battery

|  |   |
|--|---|
|  | 2 |
|  | 2 |
|  | 1 |
|  | 1 |



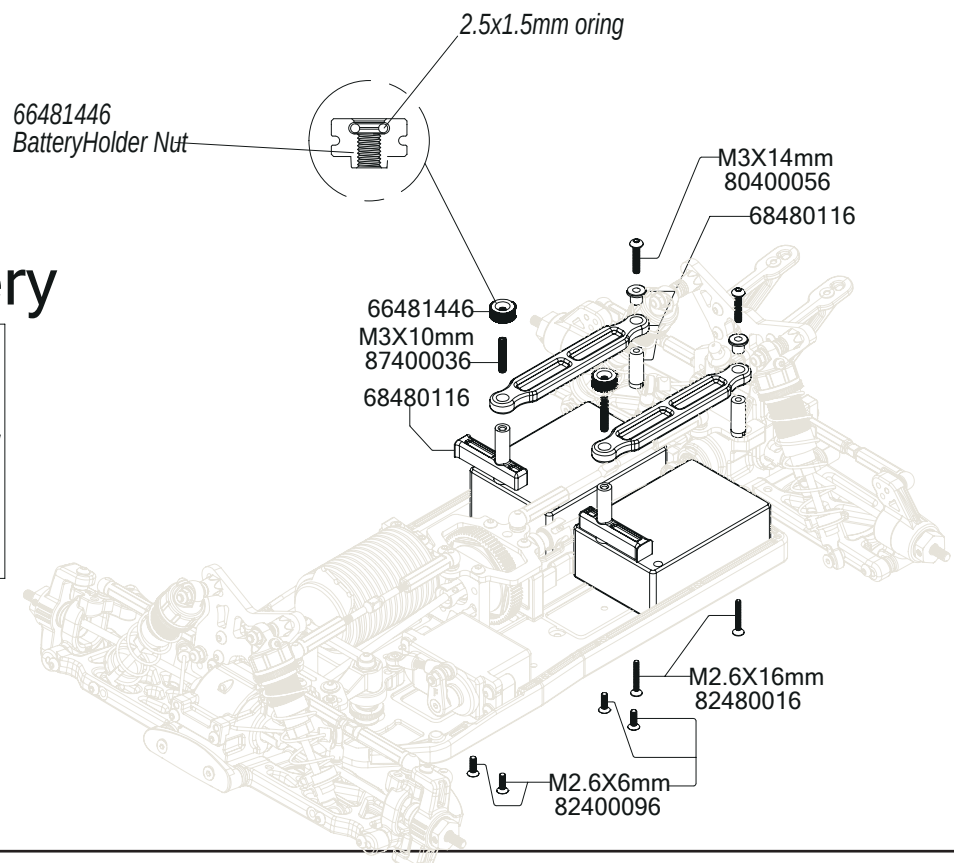
## E9 Battery Cradle

OR



### Saddle Battery

|  |   |
|--|---|
|  | 4 |
|  | 2 |
|  | 2 |
|  | 2 |

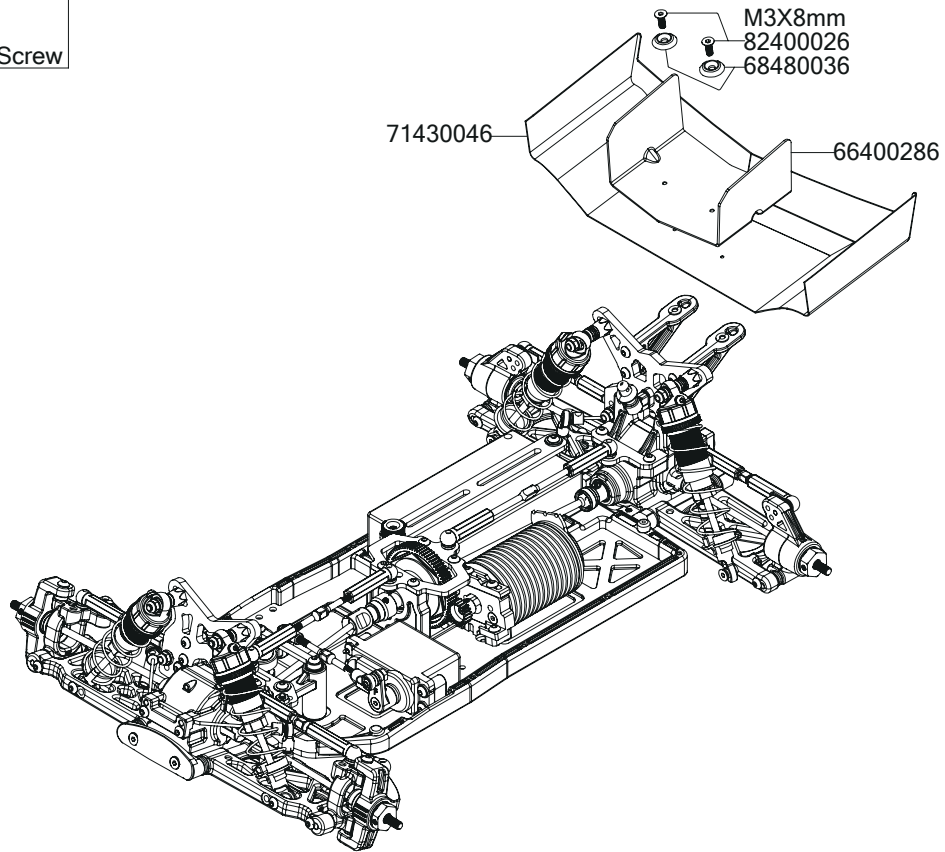


Part Bags used. **X** Must be purchased separately.



## E10 Wheels

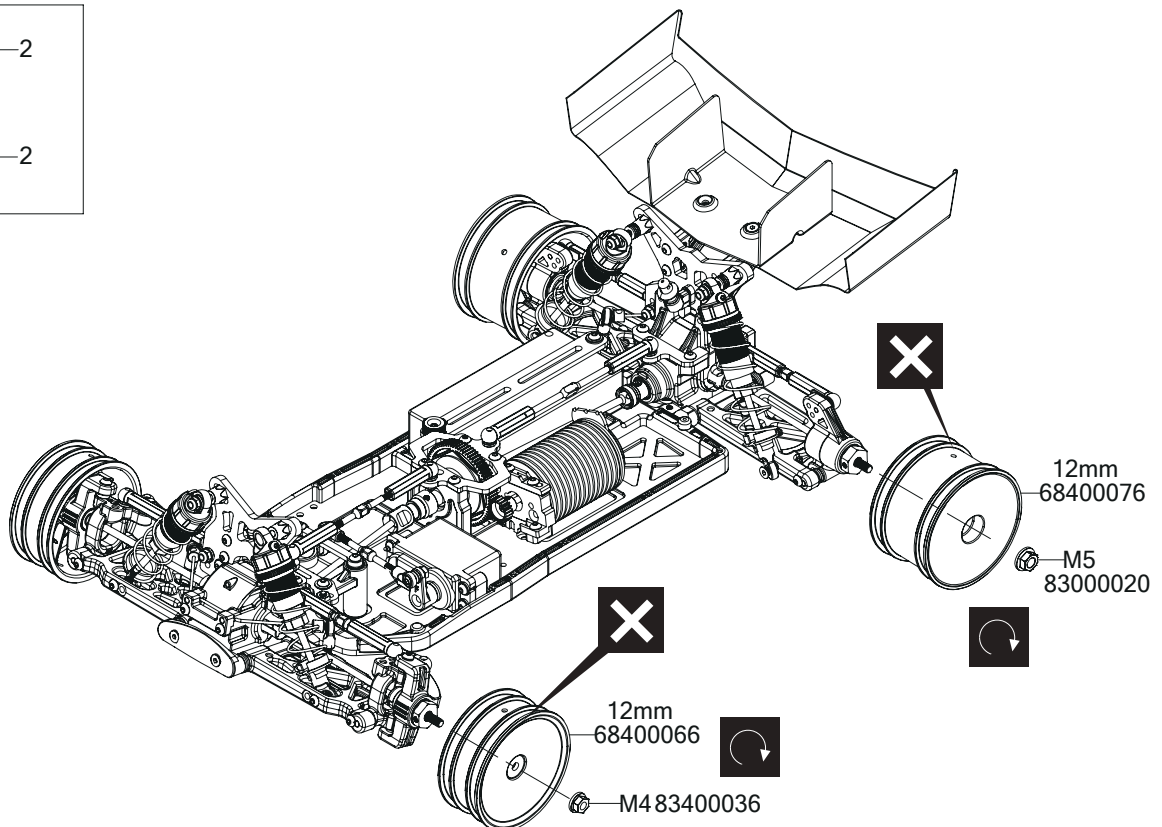
 -- 2  
 M3X8mm Flat Head Hex Screw



## E11 Tires

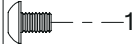
 -- 2  
 M4 Lock Nut

 -- 2  
 M5 Lock Nut

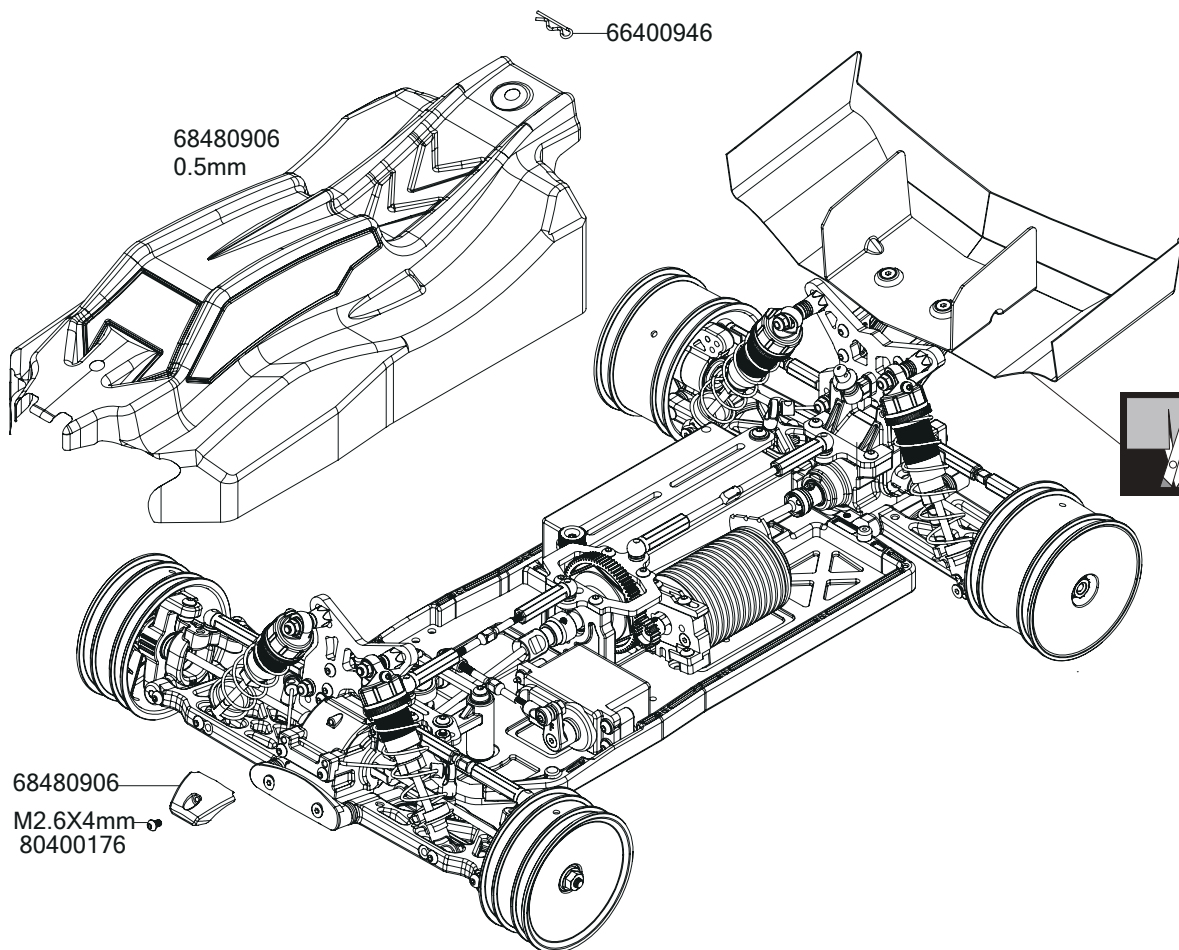
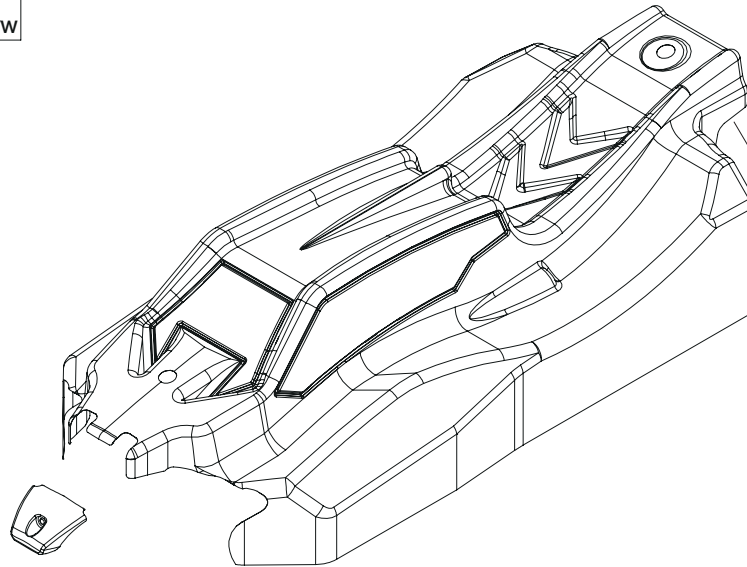




## E12 Body Shell



M2.6X4mm Button Head Hex Scrw



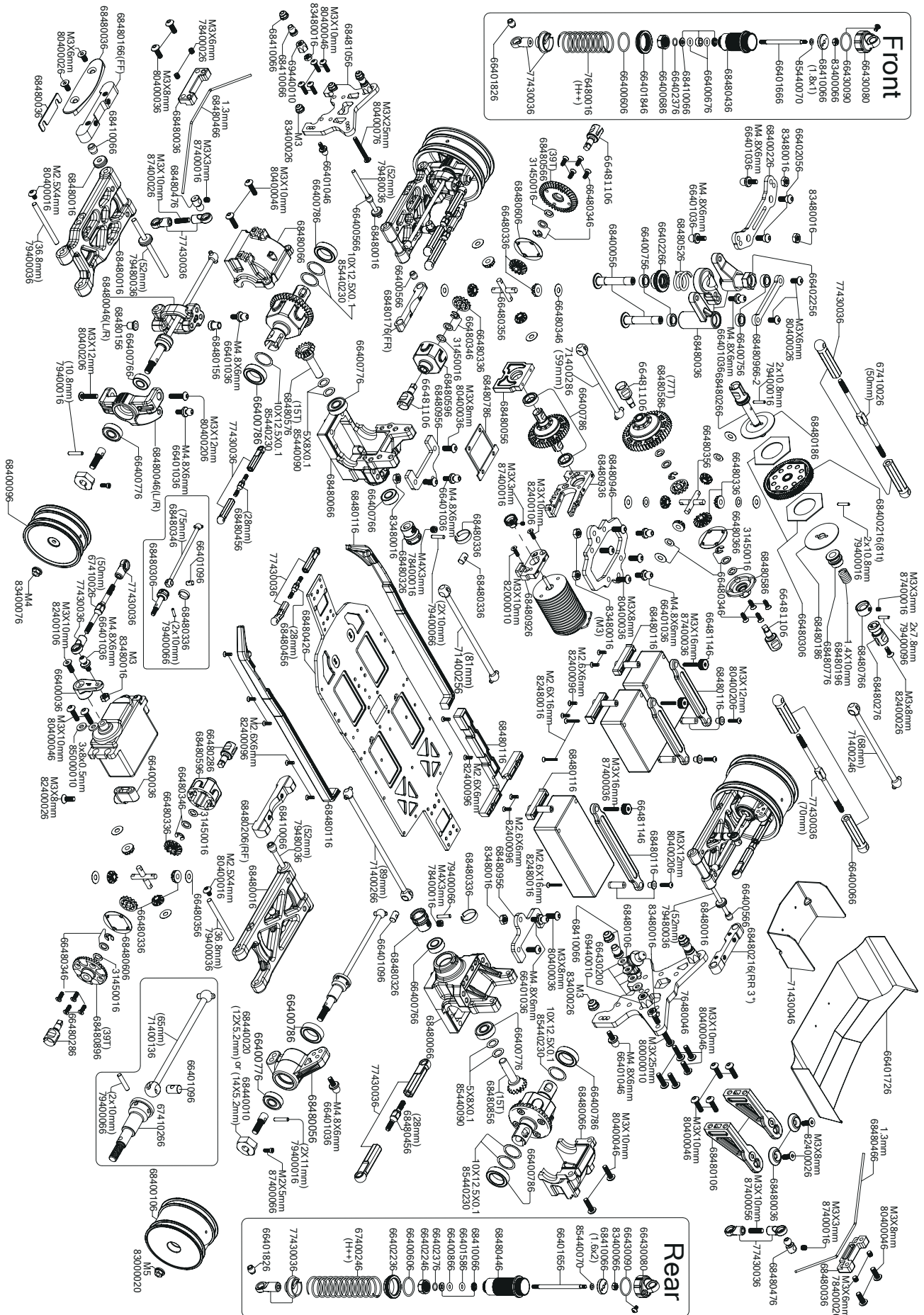
Part Bags used.



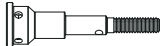
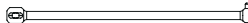
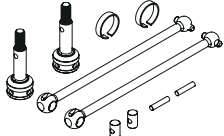
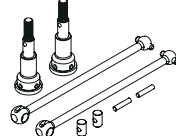
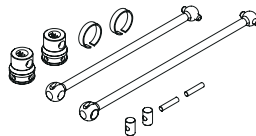
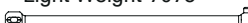
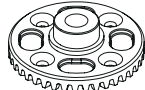
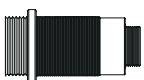
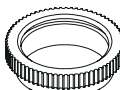
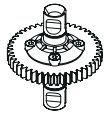
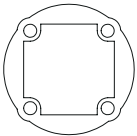
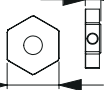
Cut off shaded portion.

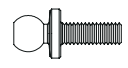
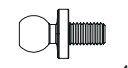
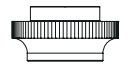
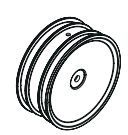
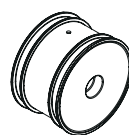
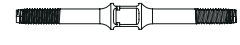
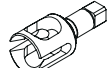
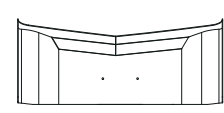
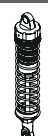
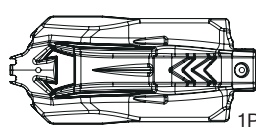
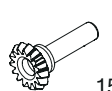
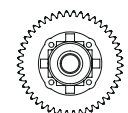
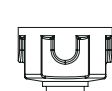
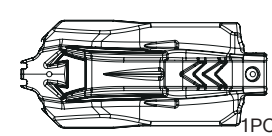
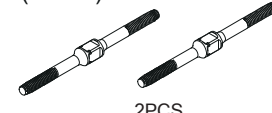
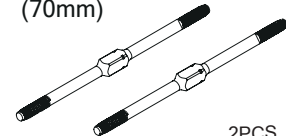
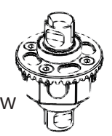


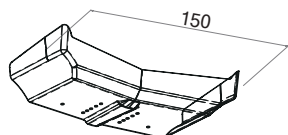
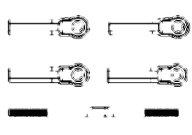
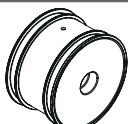
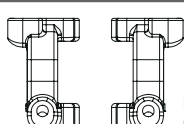
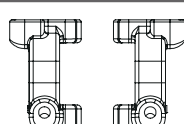
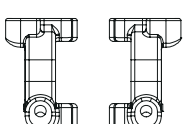
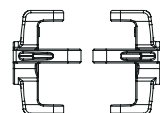
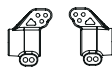
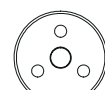
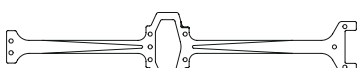
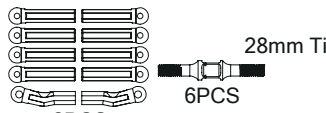
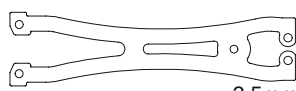
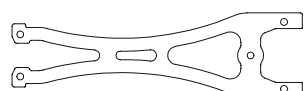
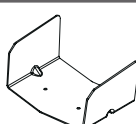
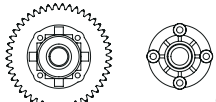
# SETUP SHEET



|                                                    |                                                               |                                                   |                                                                |
|----------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------------|
| <p>68480016</p> <p>2PCS</p>                        | <p>68480036</p> <p>1PCS 2PCS 2PCS<br/>3PCS 1PCS 1PCS 2PCS</p> | <p>68481036</p> <p>1PCS 5*10mm</p>                | <p>68480056</p> <p>1PCS 2PCS</p>                               |
| <p>77430036</p> <p>2PCS</p>                        | <p>68480986</p> <p>1PCS</p>                                   | <p>68480106</p> <p>2PCS 2PCS 2PCS</p>             | <p>68480116</p> <p>1PCS 2PCS 1PCS 2PCS 2PCS 1PCS</p>           |
| <p>66400176</p> <p>2PCS</p>                        | <p>66400186</p> <p>2PCS</p>                                   | <p>68481056</p> <p>4mm 1PCS</p>                   | <p>76480016</p> <p>3mm 1PCS</p>                                |
| <p>76480046</p> <p>4mm 1PCS</p>                    | <p>76480026</p> <p>3mm 1PCS</p>                               | <p>68480126</p> <p>Black 1PCS</p>                 | <p>66481266</p> <p>1PCS<br/>Sway Bar Set 1.3+1.4+1.5+1.6mm</p> |
| <p>68400016</p> <p>2PCS</p>                        | <p>66400336</p> <p>1PCS</p>                                   | <p>68480456</p> <p>2PCS 28mm</p>                  | <p>68480426</p> <p>1PCS</p>                                    |
| <p>68480156</p> <p>2PCS 2PCS</p>                   | <p>68480166</p> <p>1PCS FF</p>                                | <p>68480176</p> <p>1PCS FR</p>                    | <p>68480206</p> <p>1PCS RF</p>                                 |
| <p>68480216</p> <p>1PCS 3° RR</p>                  | <p>68480966</p> <p>1PCS Cabon</p>                             | <p>68480946</p> <p>1PCS Cabon</p>                 | <p>68480956</p> <p>1PCS Cabom</p>                              |
| <p>68400236</p> <p>1PCS Cabon</p>                  | <p>68480306</p> <p>2PCS</p>                                   | <p>76480016</p> <p>2PCS H++</p>                   | <p>67400246</p> <p>2PCS H++</p>                                |
| <p>66400756</p> <p>5x8x2.5mm Ball Bearing 6PCS</p> | <p>66400786</p> <p>10x5x4mm Ball Bearing 4PCS</p>             | <p>66400776</p> <p>5x13x4mm Ball Bearing 2PCS</p> | <p>66400766</p> <p>5x10x4mm Ball Bearing 10PCS</p>             |

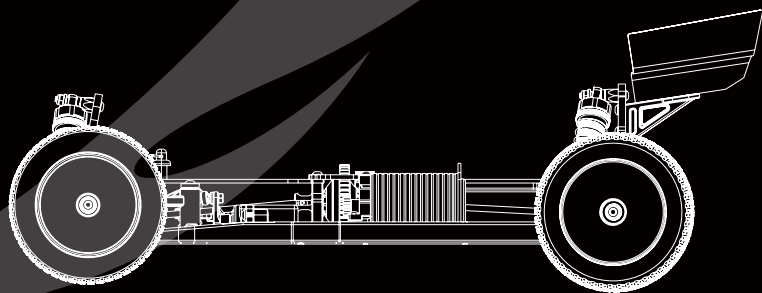
|                                                                                                                                                                               |                                                                                                                                                                               |                                                                                                                                                                                                                              |                                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <p>67410266</p>  <p>2PCS M5</p>                                                              | <p>68480326</p>  <p>2PCS</p>                                                                 | <p>66401096</p>  <p>2PCS</p>                                                                                                                | <p>68480336</p>  <p>2PCS</p>                       |
| <p>68480346</p> <p>steel</p>  <p>2PCS 74.5mm</p>                                             | <p>71400266</p> <p>Light Weight-7075</p>  <p>2PCS 89mm</p>                                   | <p>71400256</p> <p>Light Weight-7075</p>  <p>1PCS 81mm</p>                                                                                 | <p>68480376</p> <p>steel</p>  <p>1PCS 68mm</p>     |
| <p>71400136</p> <p>steel</p>  <p>1PCS 65mm</p>                                               | <p>68480396</p>  <p>SB401 FRONT CVD SET*2PCS</p>                                             | <p>68480406</p>  <p>SB401 REAR CVD SET*2PCS</p>                                                                                            | <p>68480416</p>  <p>SB401 COUPLER CVD SET*2PCS</p> |
| <p>71400286</p> <p>steel</p>  <p>1PCS 59mm</p>                                               | <p>71400246</p> <p>Light Weight-7075</p>  <p>1PCS 68mm</p>                                   | <p>68480526</p>  <p>1.6mm</p>                                                                                                               | <p>68481016</p>  <p>39T<br/>1PCS</p>               |
| <p>66400626</p>  <p>2PCS</p>                                                               | <p>66400636</p>  <p>2PCS</p>                                                               | <p>66430090</p>   <p>4pcs(13x1mm) 4pcs(M2.5x4mm)</p> | <p>66430080</p>  <p>4pcs</p>                     |
| <p>66400606</p>  <p>4PCS</p>                                                               | <p>66402236</p>  <p>16.3mm<br/>4PCS</p>                                                    | <p>68480546</p>  <p>SB401 CENTER DIFF*1PCS</p>                                                                                           | <p>66401666</p>  <p>2PCS 46mm</p>                |
| <p>66401656</p>  <p>2PCS 53mm</p>                                                           | <p>66400676</p>  <p>8PCS</p>                                                               | <p>66402246</p>  <p>8PCS</p>                                                                                                             | <p>684800226</p>  <p>1PCS Cabon</p>              |
| <p>69440010</p>  <p>4PCS</p>                                                               | <p>66401826</p>  <p>4PCS</p>                                                               | <p>66480336</p>   <p>2PCS 4PCS</p>                    | <p>66480366</p>  <p>2PCS</p>                     |
| <p>68440080</p>  <p>14mm 4.20mm<br/>2PCS<br/>Aluminium Clamping Wheel Hex (12mmx4.2mm)</p> | <p>68440090</p>  <p>14mm 5.20mm<br/>2PCS<br/>Aluminium Clamping Wheel Hex (12mmx5.2mm)</p> |                                                                                                                                                                                                                              |                                                                                                                                       |

|                                                                                                                                  |                                                                                                                                 |                                                                                                                          |                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 68481276<br><br>1PCS 1.3mm                      | 68481286<br><br>1PCS 1.4mm                     | 66401046<br><br>6PCS 4.8x8mm           | 66401036<br><br>6PCS 4.8x6mm                                           |
| 66400836<br><br>1PCS                            | 66401926<br><br>2PCS                           | 68400066<br><br>White 12mm<br>2PCS     | 68400076<br><br>White 12mm<br>2PCS                                     |
| 67410026<br><br>2PCS 50mm                       | 66481106<br><br>2PCS                           | 66401726<br><br>1.2mm                  | 68400116<br><br>#300<br>1PCS                                           |
| 66401976<br><br>SB401 FRONT SUSPENSION SET*2PCS | 66401986<br><br>SB401 REAR SUSPENSION SET*2PCS | 68000010<br><br>1PCS 1.0mm             | 31450016<br><br>4PCS                                                   |
| 79400036<br><br>4PCS 3x36.8mm                  | 79480036<br><br>4PCS 3x52mm                  | 79400066<br><br>2PCS 2x10mm          | 66480356<br><br>2PCS                                                 |
| 68480876<br><br>15t<br>1PCS                   | 68480586<br><br>1PCS 77T                     | 68480596<br><br>2PCS                 | 80000010<br>M2.6x4mm 5pcs<br>M3x6mm 2pcs<br>M3x8mm 16pcs<br>M3x10mm 20pcs<br>M3x12mm 6pcs<br>M3x14mm 2pcs<br>M3x18mm 2pcs<br>M3x25mm 2pcs<br>M3x28mm 2pcs |
| 82000010<br>M2.6x6mm 19pcs<br>M2.6x16mm 6pcs<br>M3x6mm 12pcs<br>M3x8mm 11pcs<br>M3x10mm 5pcs<br>M3x14mm 6pcs                     | 68480906<br><br>1PCS 0.5mm                   | 67410266<br>(50mm)<br><br>2PCS       | 66481166<br>(70mm)<br><br>2PCS                                       |
| 66400316<br><br>2PCS                          | 66400316<br><br>2PCS                         | 68481046<br>for sb401-lw<br><br>1PCS | 68480766<br><br>1PCS Light Weight                                    |
| 68480776<br><br>Light Weight<br>1PCS          | 68480786<br><br>Carbon-1mm<br>1PCS           | 68480476<br><br>2PCS                 |                                                                                                                                                           |

|                                                                                                                                          |                                                                                                                                        |                                                                                                                                          |                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| 66480636<br><br>2PCS Ti 53mm                             | 66480626<br><br>2PCS Ti 46mm                          | 66401626<br><br>150mm                                  | 66481216<br><br>Ti 55mm 70mm                           |
| 68400096<br><br>White 14mm 2PCS                         | 68400106<br><br>White 14mm 2PCS                       | 68480666<br><br>CNC Mental C-hubs (5 degrees) L/R 1PCS | 66480866<br><br>CNC Mental C-hubs (8 degrees) L/R 1PCS |
| 68480976<br><br>CNC Mental C-hubs (11 degrees) L/R 1PCS | 66480656<br><br>Trailing Spindle R/L CNC 1PCS         | 68400186<br><br>Slipper 1PCS                           | 68410076<br><br>carbon 2PCS                            |
| 68000090<br><br>1PCS CNC                                | 66480936<br><br>(CNC) 2PCS M3X8mm                     | 17430046<br><br>4PCS 1.5X3                             | 17430066<br><br>4PCS 1.6X3                             |
| 17430076<br><br>4PCS 1.7X3                            | 66400646<br><br>4PCS 1.3X4                          | 66480206<br><br>4PCS 1.4X4                           | 66480716<br><br>4PCS 1.7X2                           |
| 66480706<br><br>4PCS 1.6X2                            | 17430056<br><br>4PCS 1.4X3                          | 17430086<br><br>4PCS 0X0                             | 68530026<br><br>1PCS                                 |
| 68480836<br><br>28mm Ti 2PCS 6PCS                      | 68480846<br><br>1PCS 2.5mm                          | 68480856<br><br>1PCS 2.5mm                           | 68480386<br><br>1PCS 81mm                            |
| 68480406<br><br>1PCS 89mm Light Weight                 | 67480046<br><br>H++ H+ M3 M+ Front Shock Spring set | 67480036<br><br>H++ H+ M3 M+ Rear Shock Spring set   | 66400286<br><br>2PCS                                 |
| 68480636<br><br>1PCS 68mm                              | 68481006<br><br>1PCS 80T                            | 68000080<br><br>1PCS 3.5°                            | 66402316<br><br>4.8x10mm 6PCS                        |

# PR SB401 LW

1/10 ELECTRIC 4WD OFF ROAD BUGGY  
COMPETITION LIGHTWEIGHT VERSION



**mit**  
MADE IN TAIWAN

  
PR RACING

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