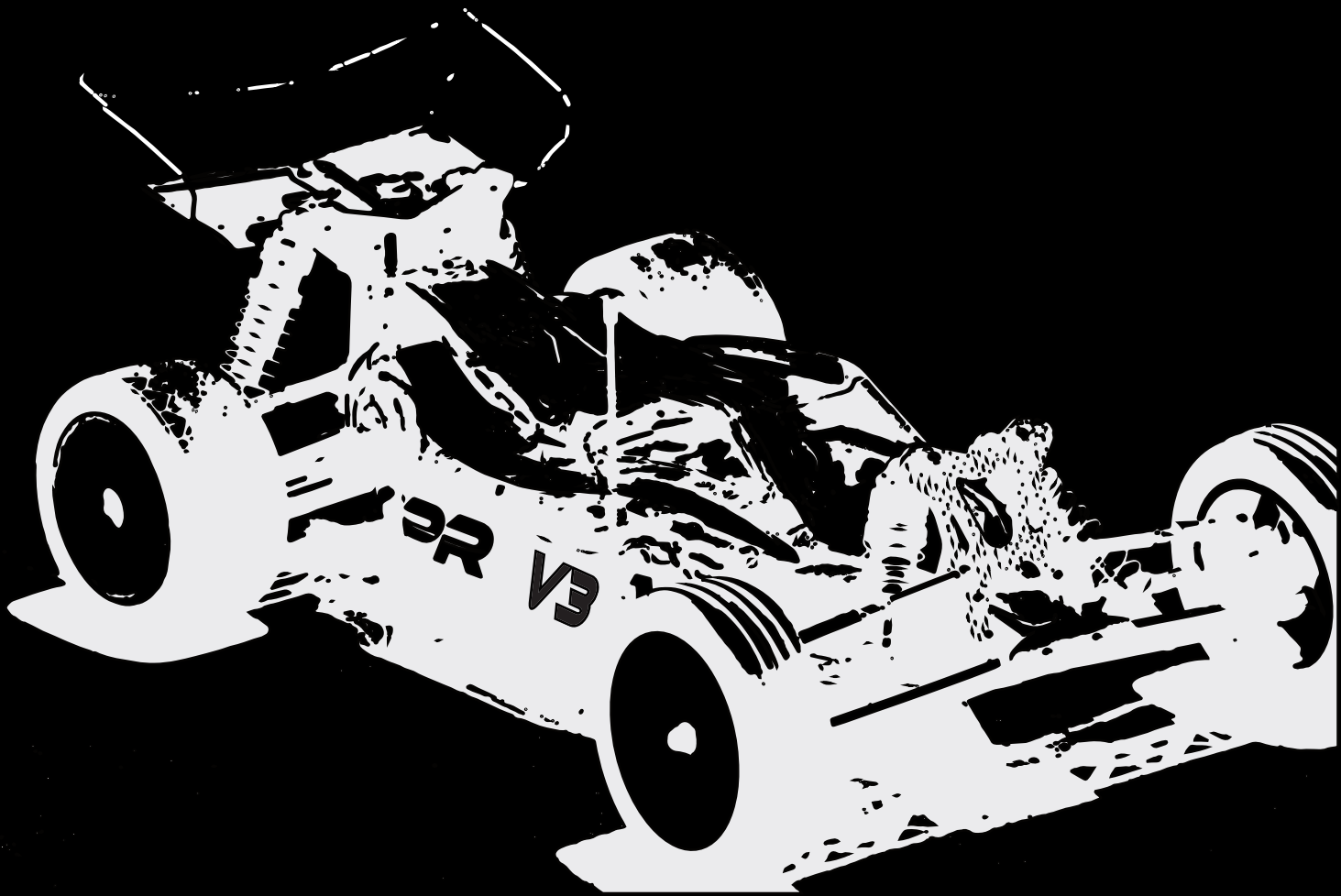


PRSTV3(FM)

SPORT-KIT
1/10 ELECTRIC 2WD



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
 - Transmission Assembly
 - Gear Differential
 - Rear Shock Stay
 - Rear Gear Box
- **BAG D** ----- 17-21
 - Shock Assembly
 - Shock Spring
 - Front Suspension
 - Rear Suspension
 - Motor
 - Battery Plate
 - Tires
 - Body&Wheels
- **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.



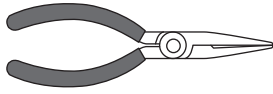
Apply oil.

- 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 screw are extras.

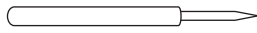
TOOLS REQUIRED

CAUTION: Handle tools carefully!

- Needle Nose Pliers



- Awl



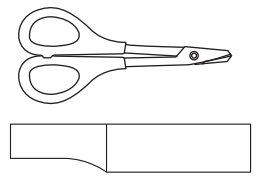
- Grease



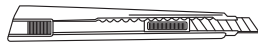
- Screw Cement



- Round Cutter & Sander



- Sharp Hobby Knife

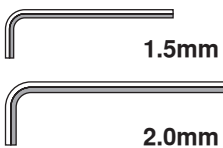


- Wire Cutters



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

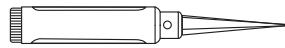
- Hex Wrench



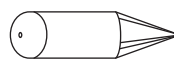
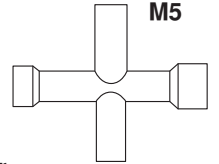
- Ball Differential Grease



- SP Knife Edge Reamer



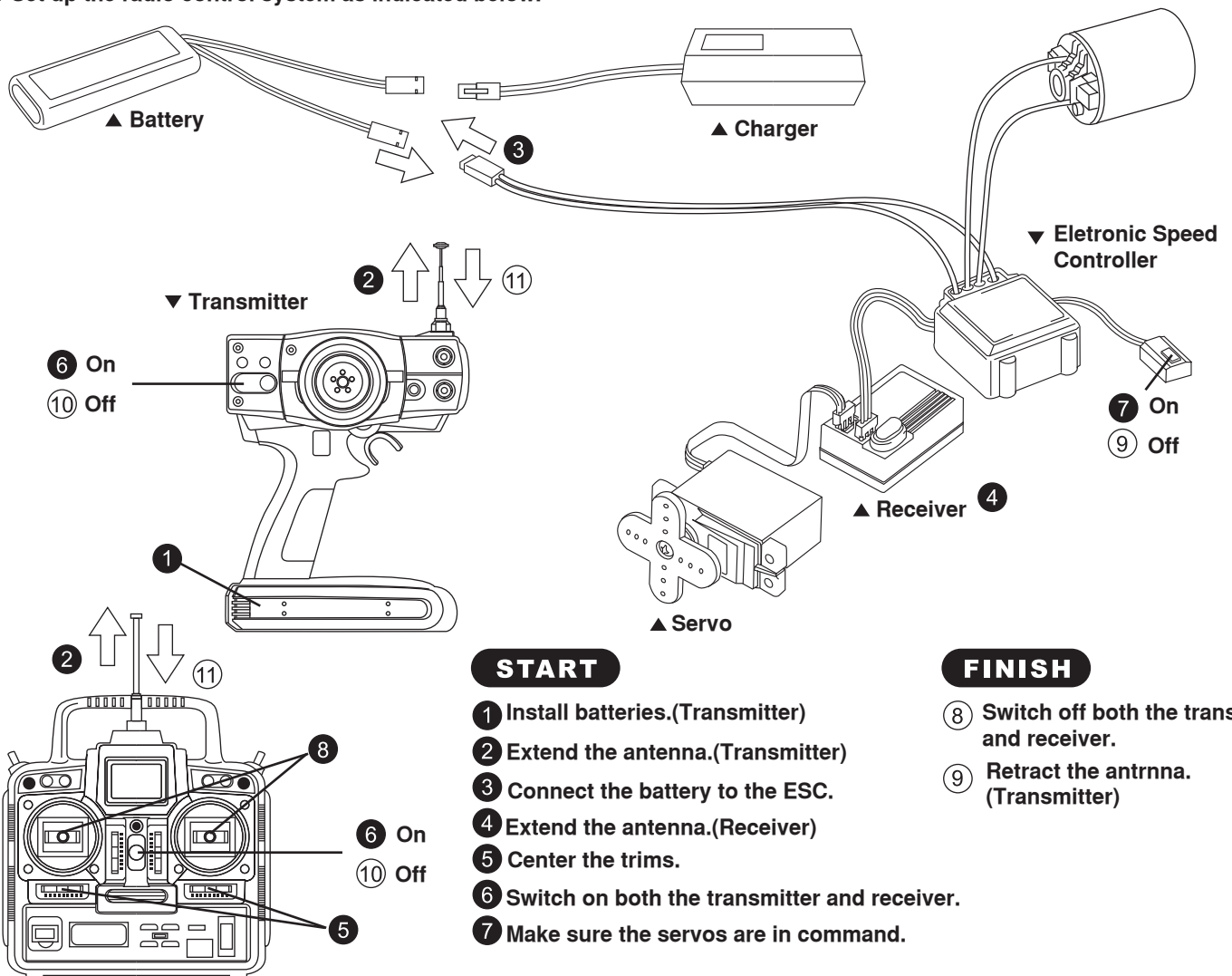
- Cross Wrench M5



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

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.

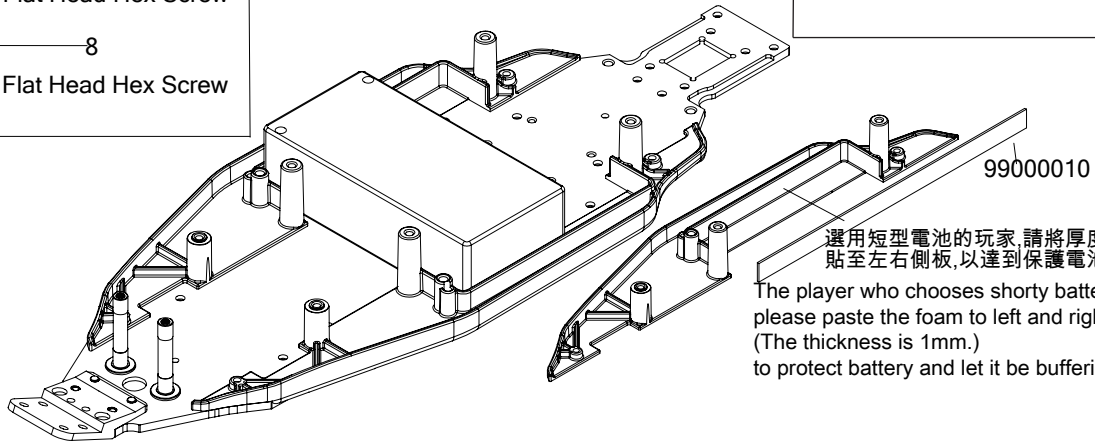
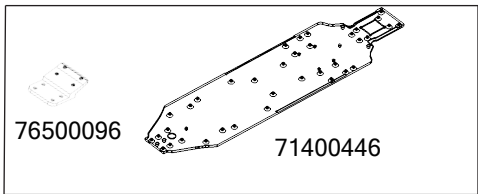




BAG A

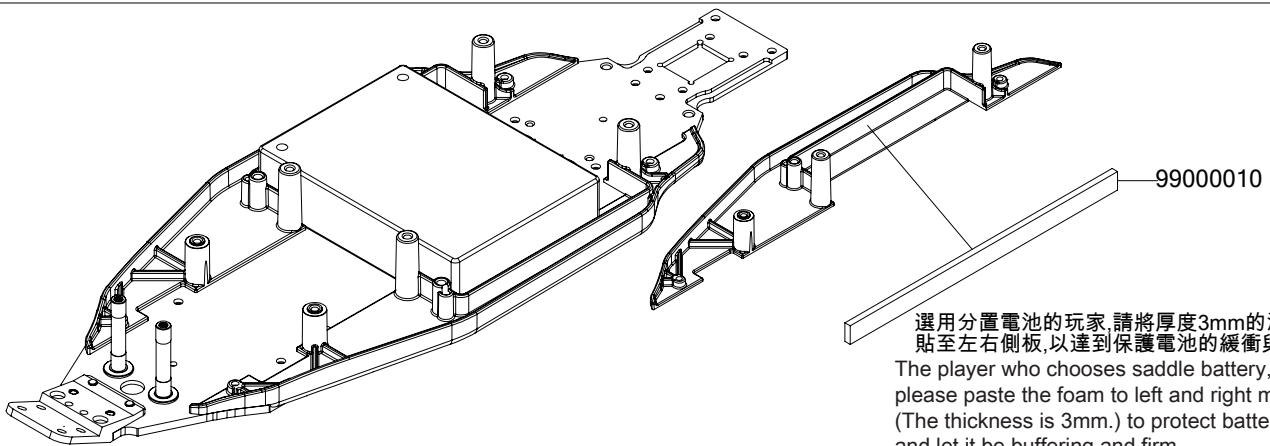
A1 Chassis Guard Installation

- 8
M3X6mm Flat Head Hex Screw
- 8
M3X8mm Flat Head Hex Screw



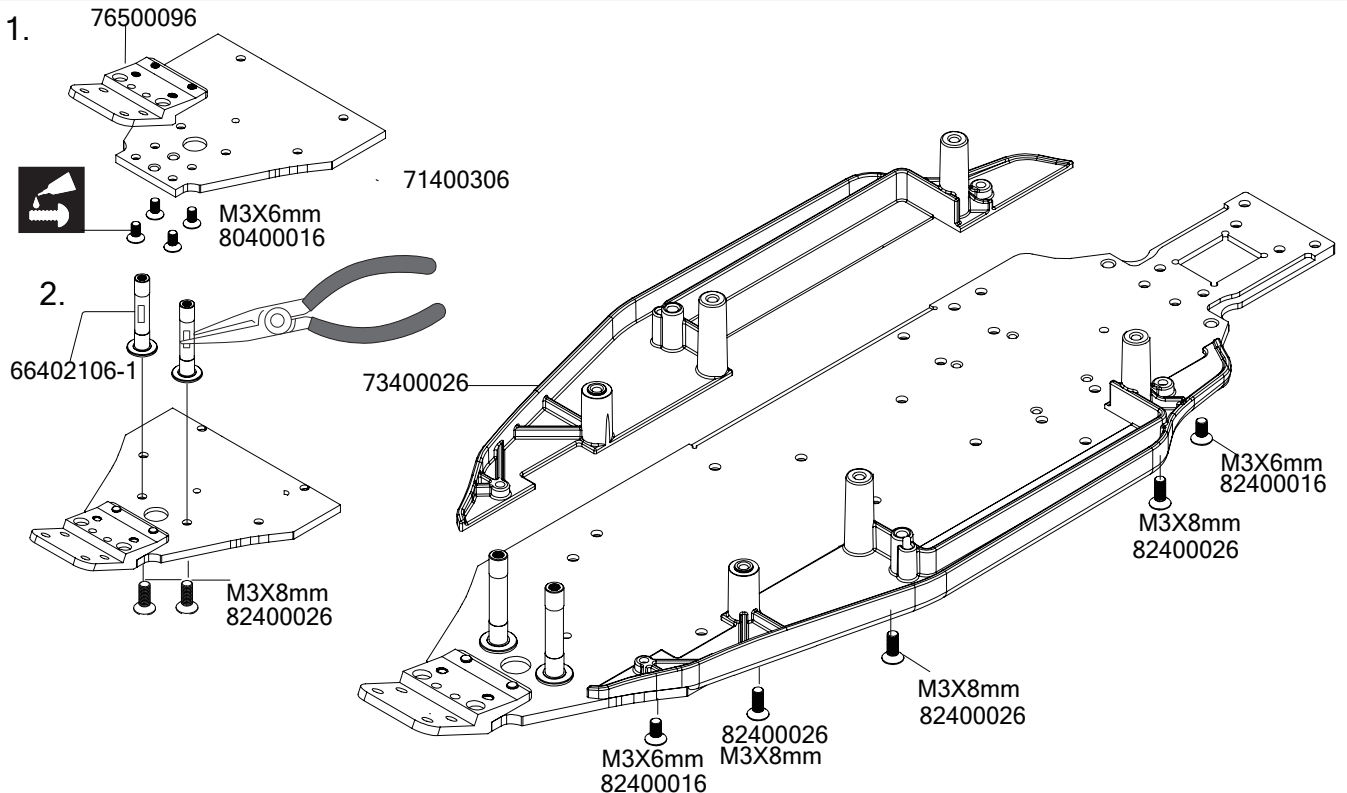
選用短型電池的玩家,請將厚度1mm的海綿貼至左右側板,以達到保護電池的緩衝與固定。

The player who chooses shorty battery, please paste the foam (The thickness is 1mm.) to left and right mud guard to protect battery and let it be buffering and firm.



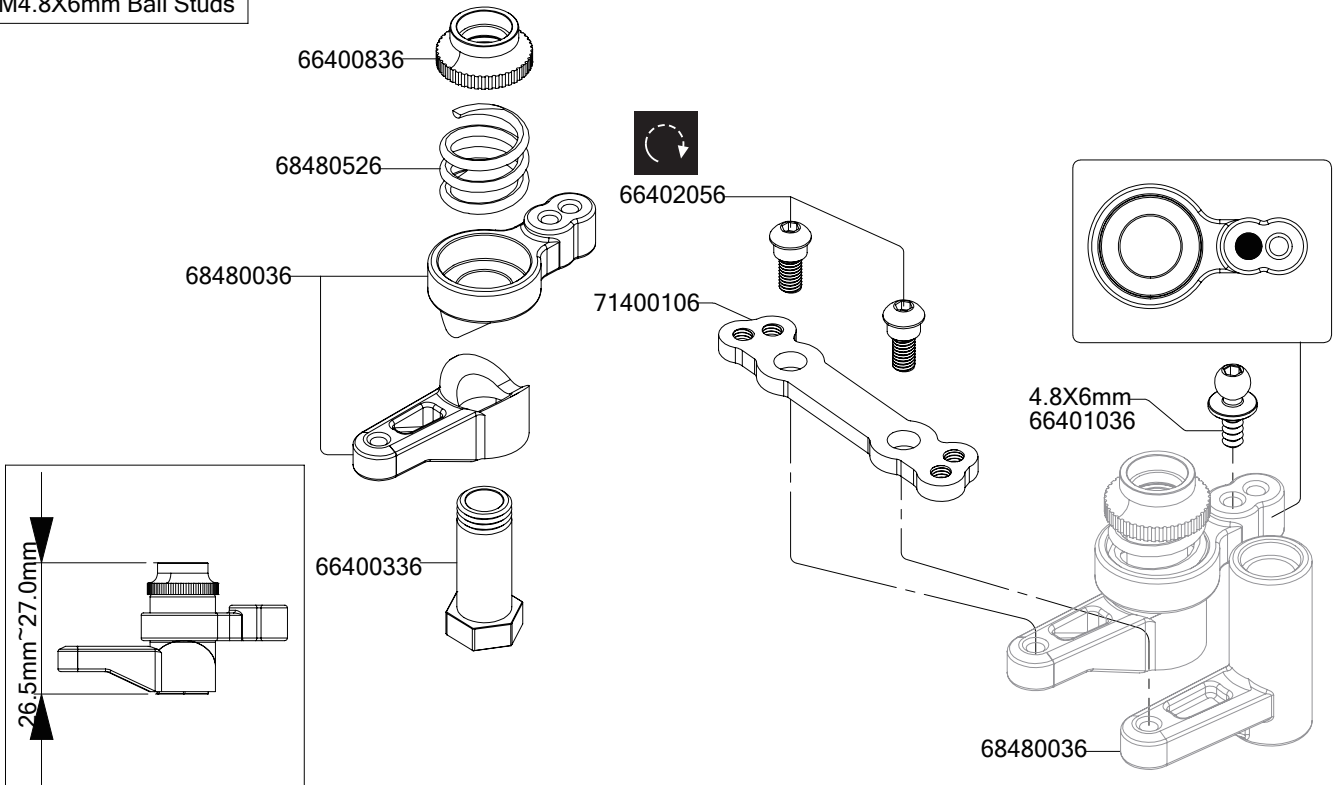
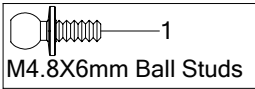
選用分置電池的玩家,請將厚度3mm的海綿貼至左右側板,以達到保護電池的緩衝與固定。

The player who chooses saddle battery, please paste the foam (The thickness is 3mm.) to left and right mud guard to protect battery and let it be buffering and firm.

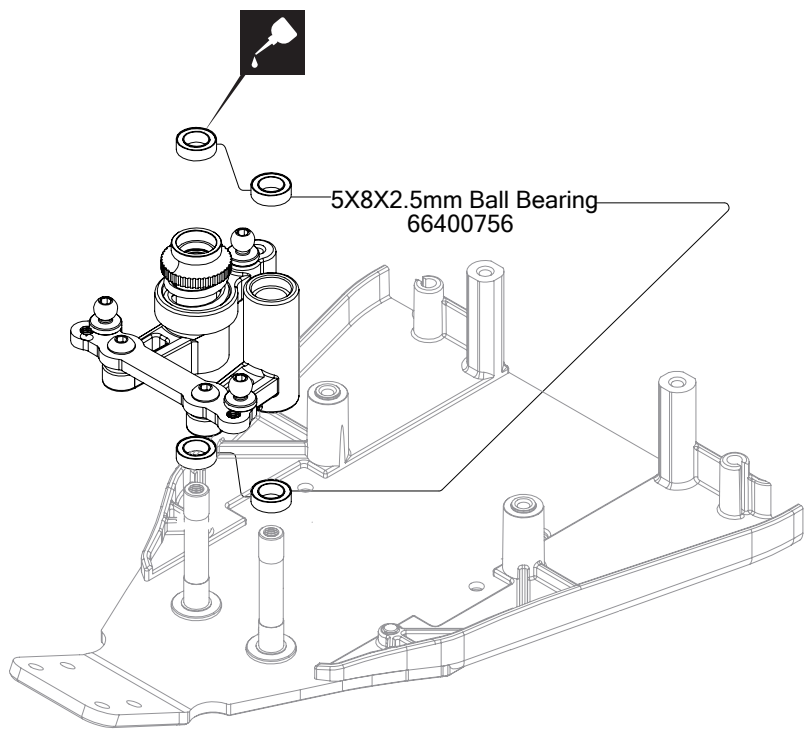
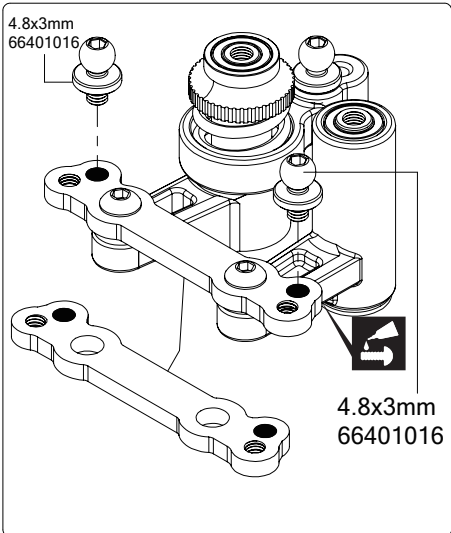
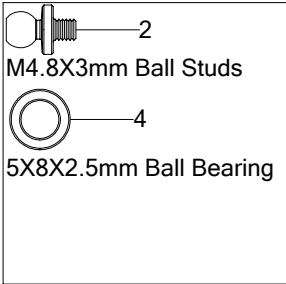




A2 Sewvo Saver



A3 Servo saver



Part Bags used.



Do not over tighten.



Apply threadlocker (screw cement)







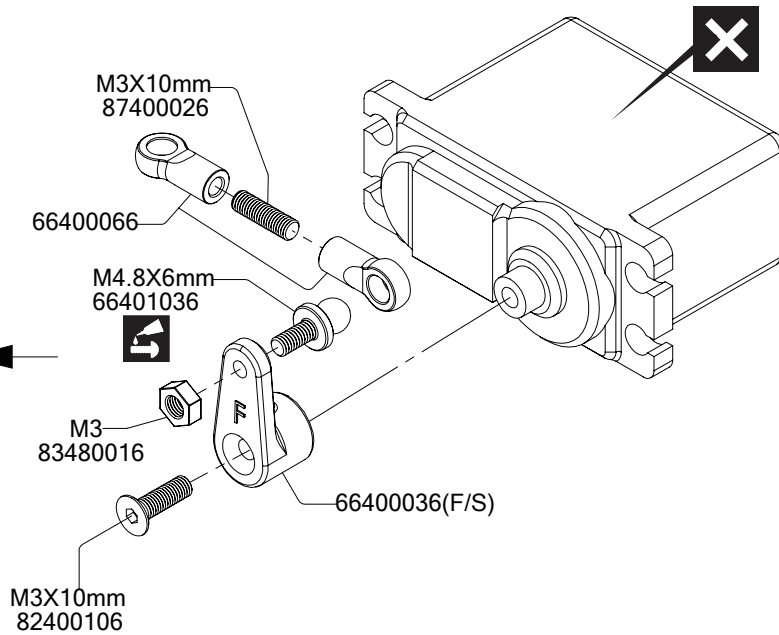
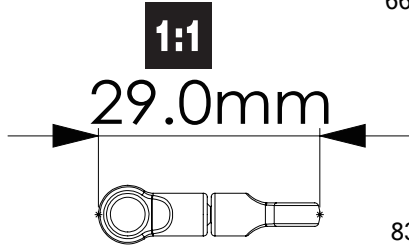
Apply oil.



BAG A



A4 Steering Servo

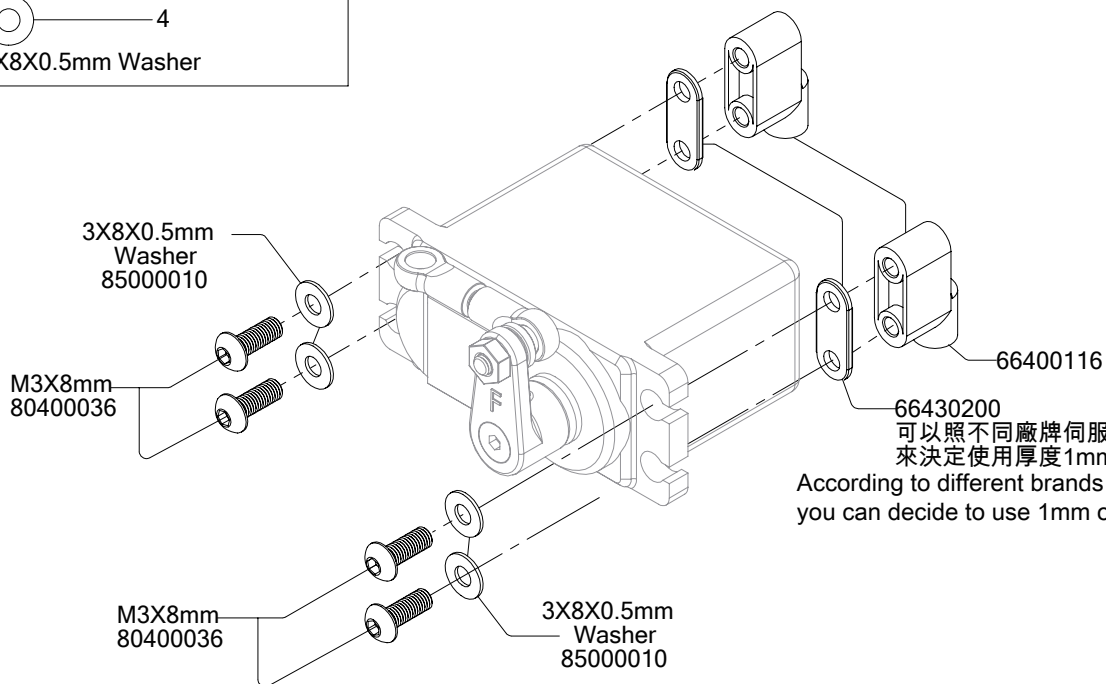
-  1
M3x10mm Set Screw
-  1
M4.8mmx6mm Ball Stud
-  1
M3x10mm Flat Head Hex Screw
-  1
M3 Lock Nut



BAG A

A5 Steering Servo

-  4
M3X8mm Button Head Hex Screw
-  4
3X8X0.5mm Washer

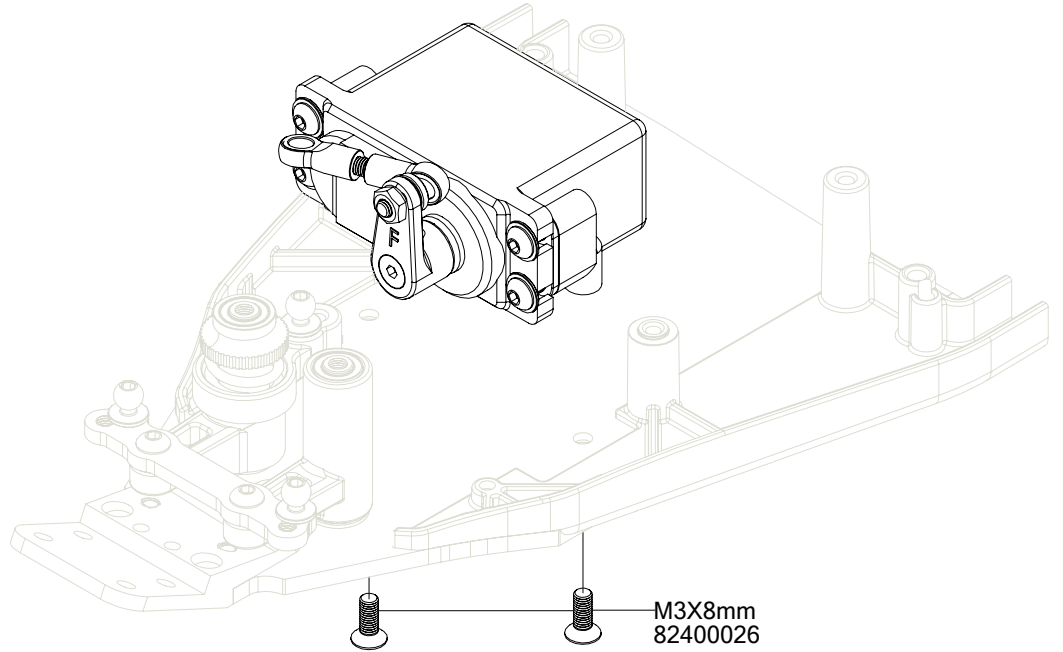




BAG
A

A6 Steering Servo

2
M3X8mm Flat Head Hex Screw

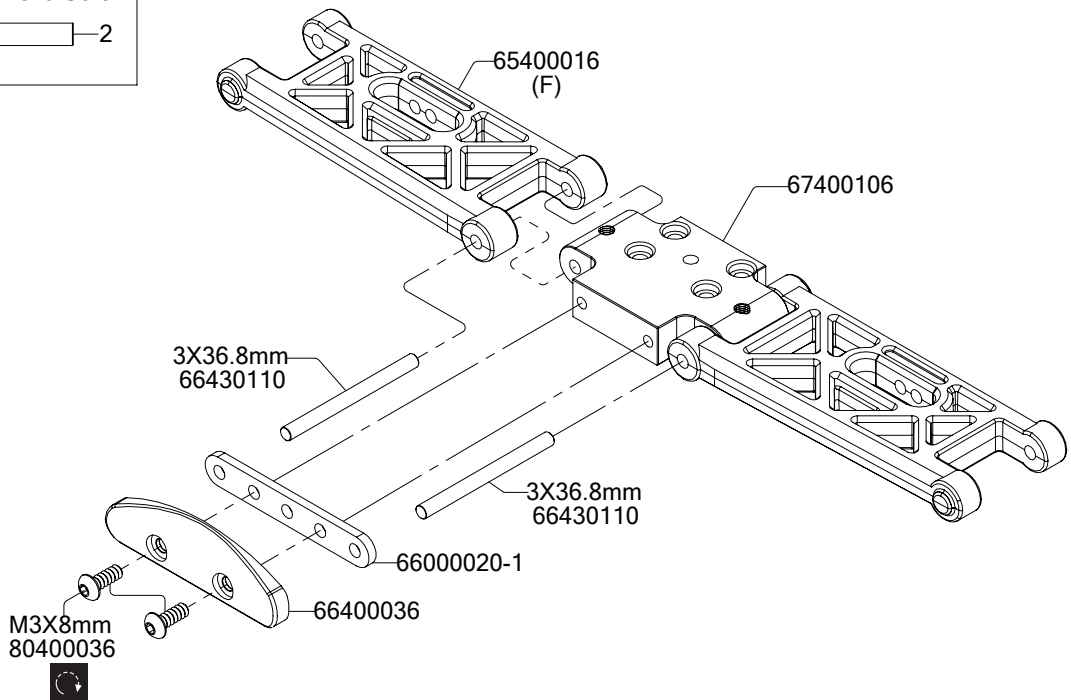


BAG
B

B1 Front Suspension

2
M3X8 Button Head Hexd Screw





2
3x36.8mm Pin

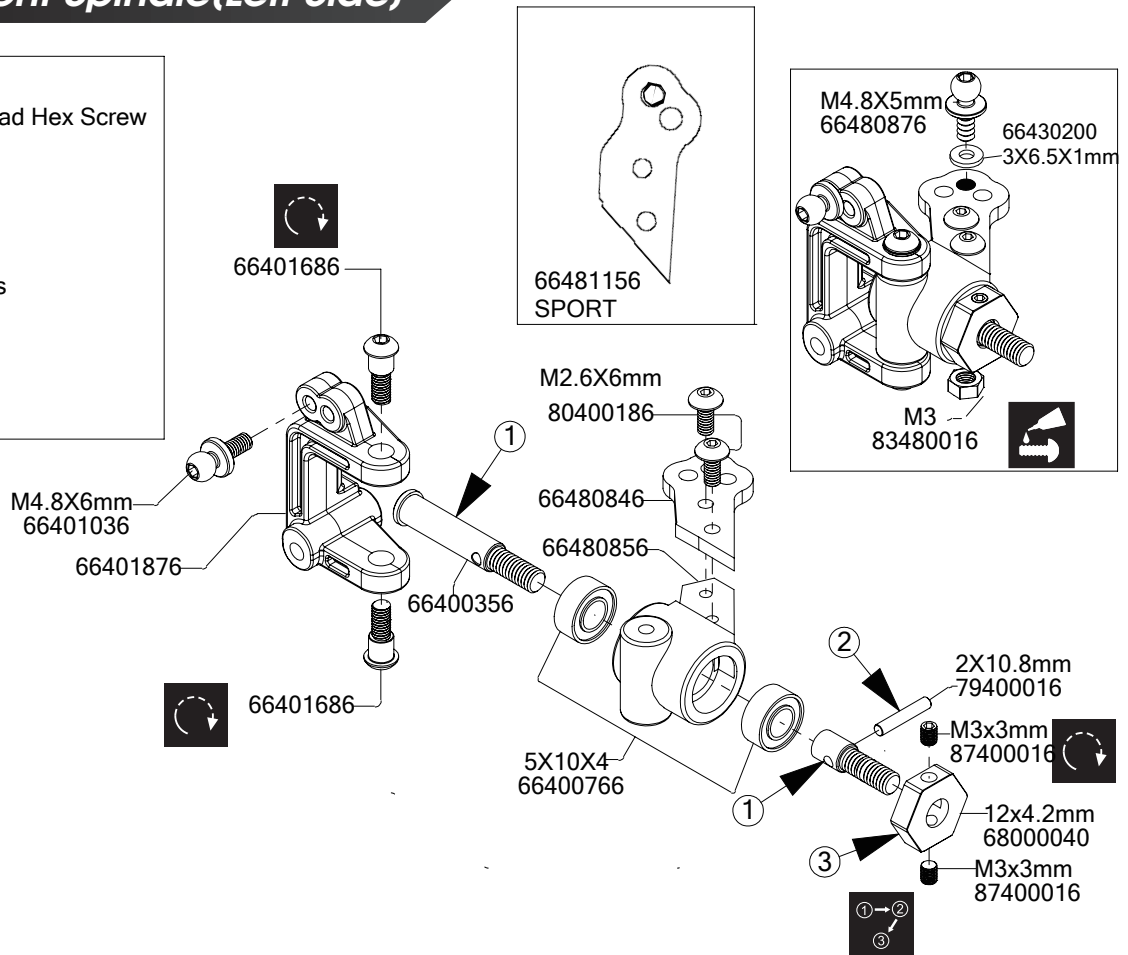




BAG B






B2 Front Spindle (Left Side)

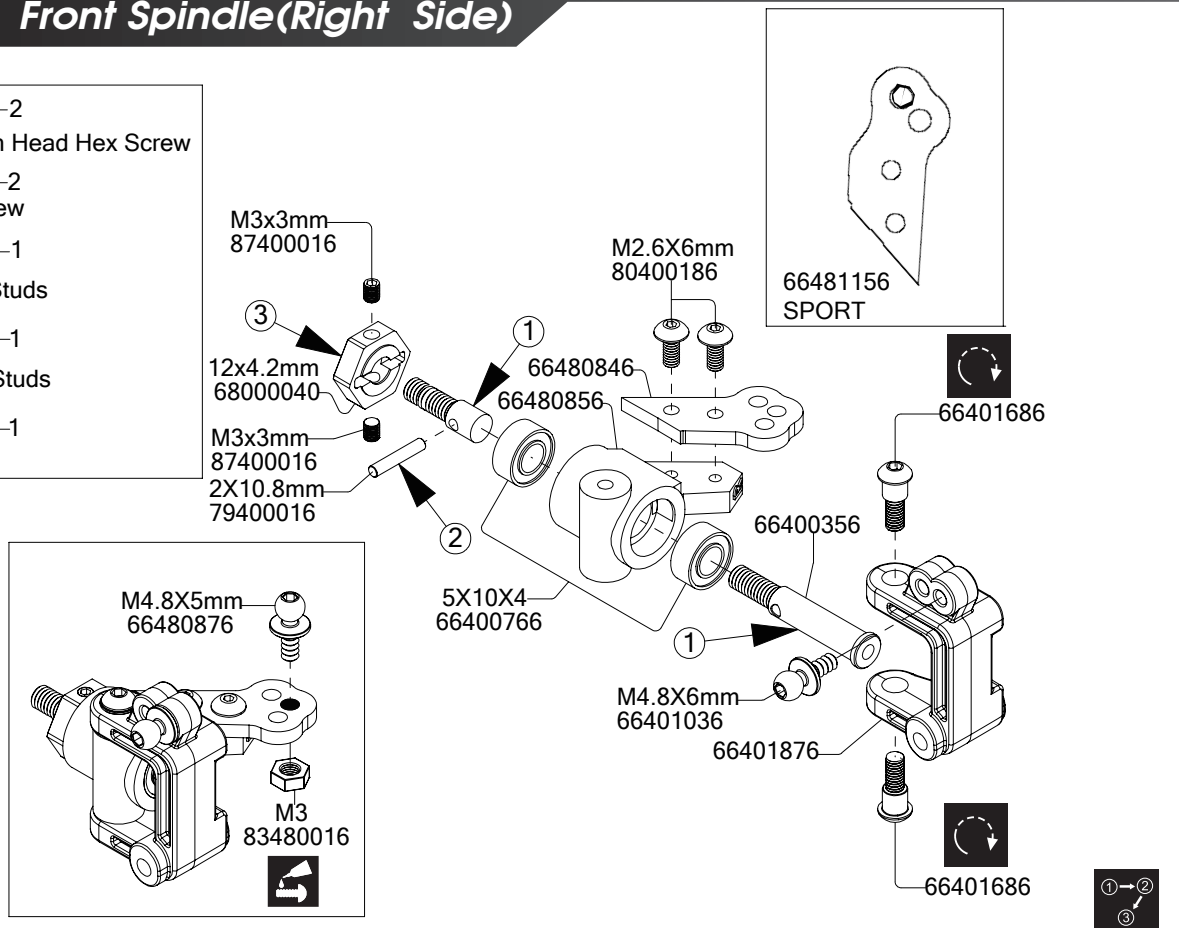
-  2
M2.6x6mm Button Head Hex Screw
-  2
M3x3mm Set Screw
-  1
M4.8x6mm Ball Stud
-  1
M3 Lock Nut



BAG B

B3 Front Spindle (Right Side)

-  2
M2.6x6mm Button Head Hex Screw
-  2
M3x3mm Set Screw
-  1
M4.8x5mm Ball Stud
-  1
M4.8x6mm Ball Stud
-  1
M3 Lock Nut

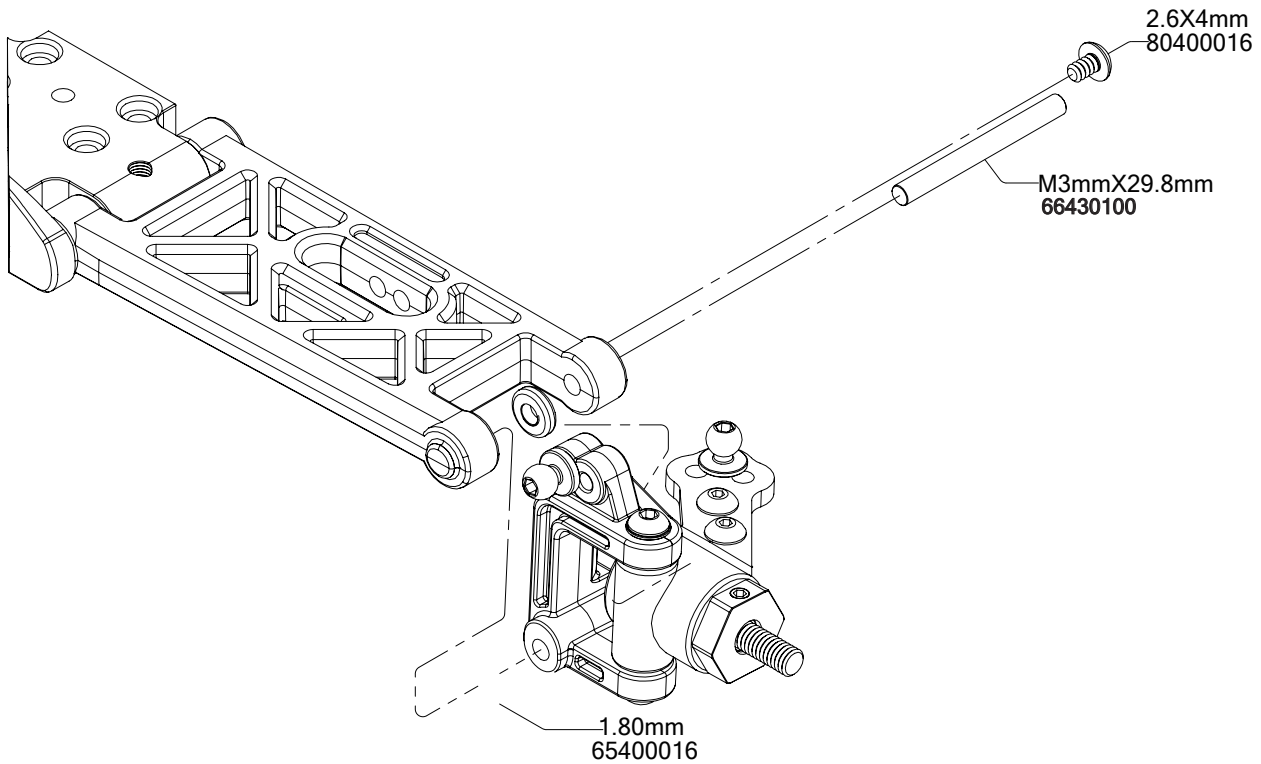




BAG
B

B4 Front Suspension(L&R)

2
M2.6X4mm Button Head Hex Screw



BAG
B

B5 Front Shock Stay

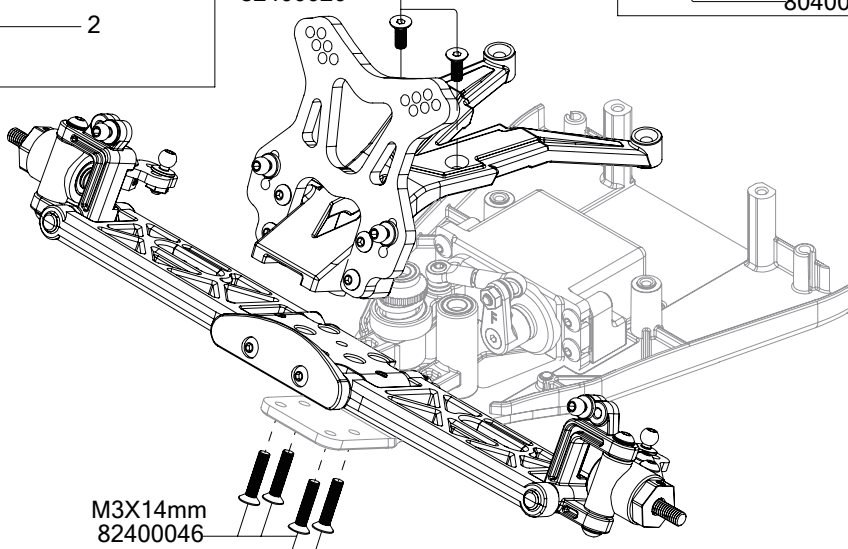
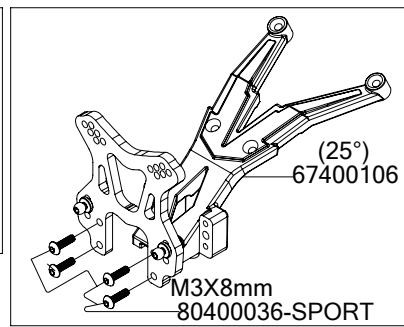
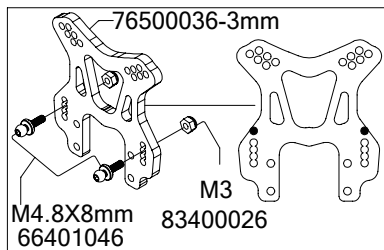
4
M3X8mm Button Head Hex Screw

2
M3X8mm Flat Head Hex Screw

4
M3X14mm Flat Head Hex Screw

2
M4.8X8mm Ball Studs

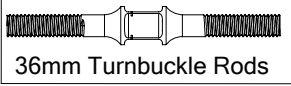
2
M3 Lock Nut



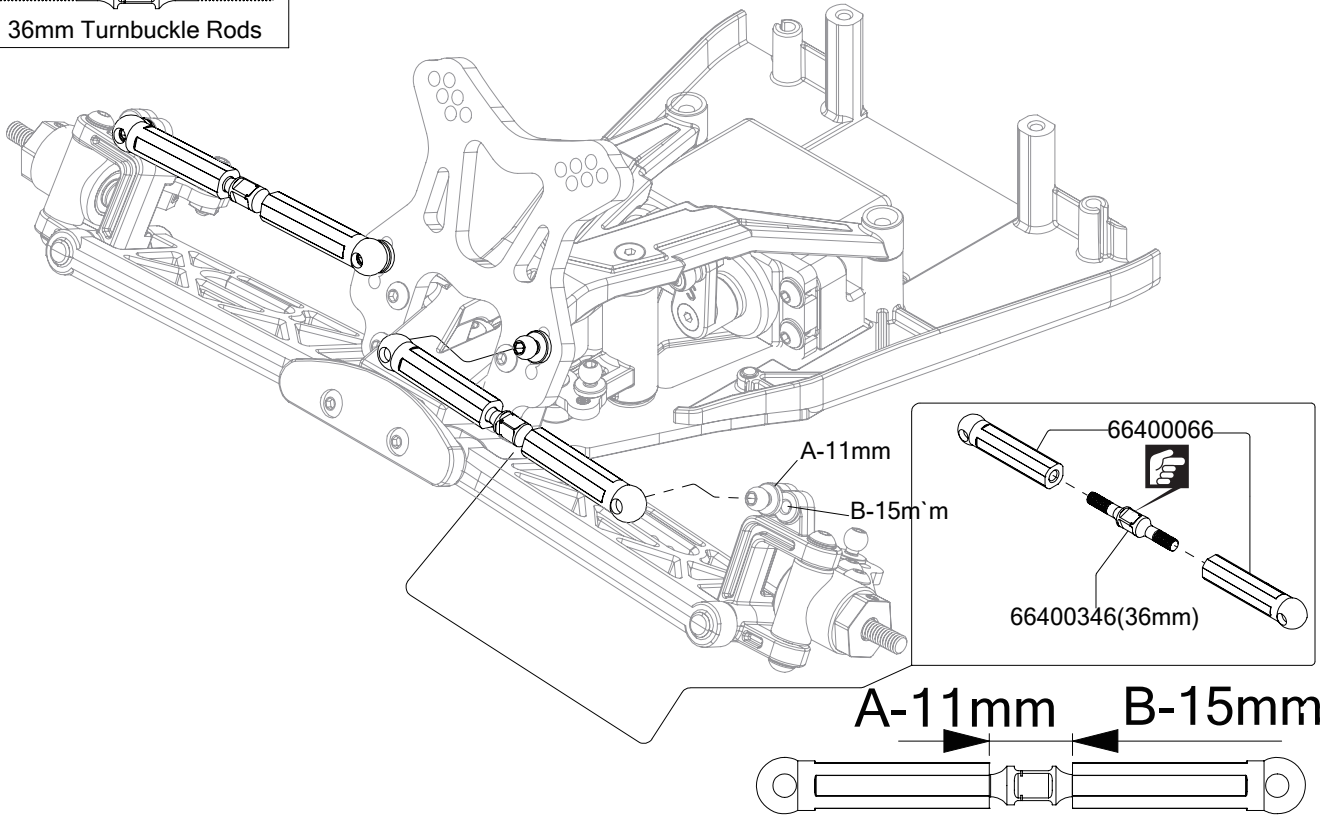


BAG B

B6 Front Suspension

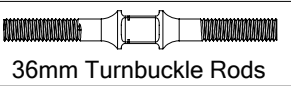


36mm Turnbuckle Rods

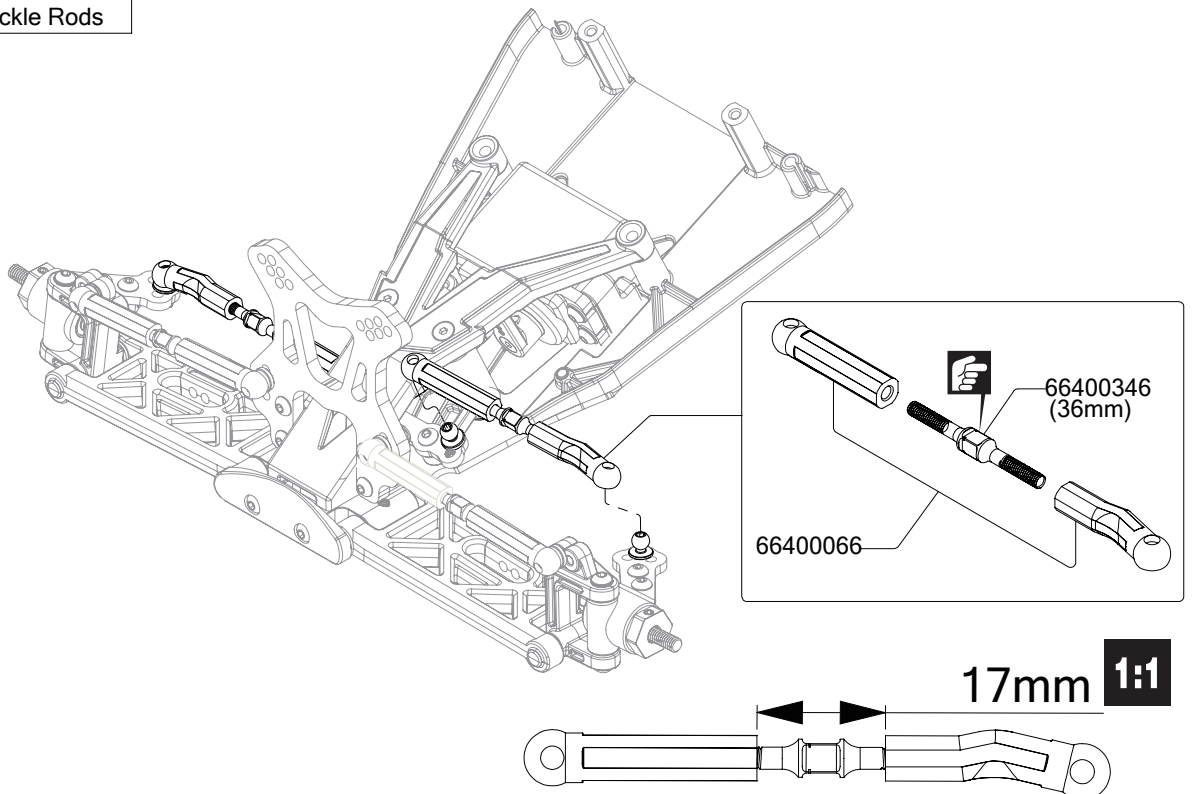


BAG B

B7 Front Suspension



36mm Turnbuckle Rods

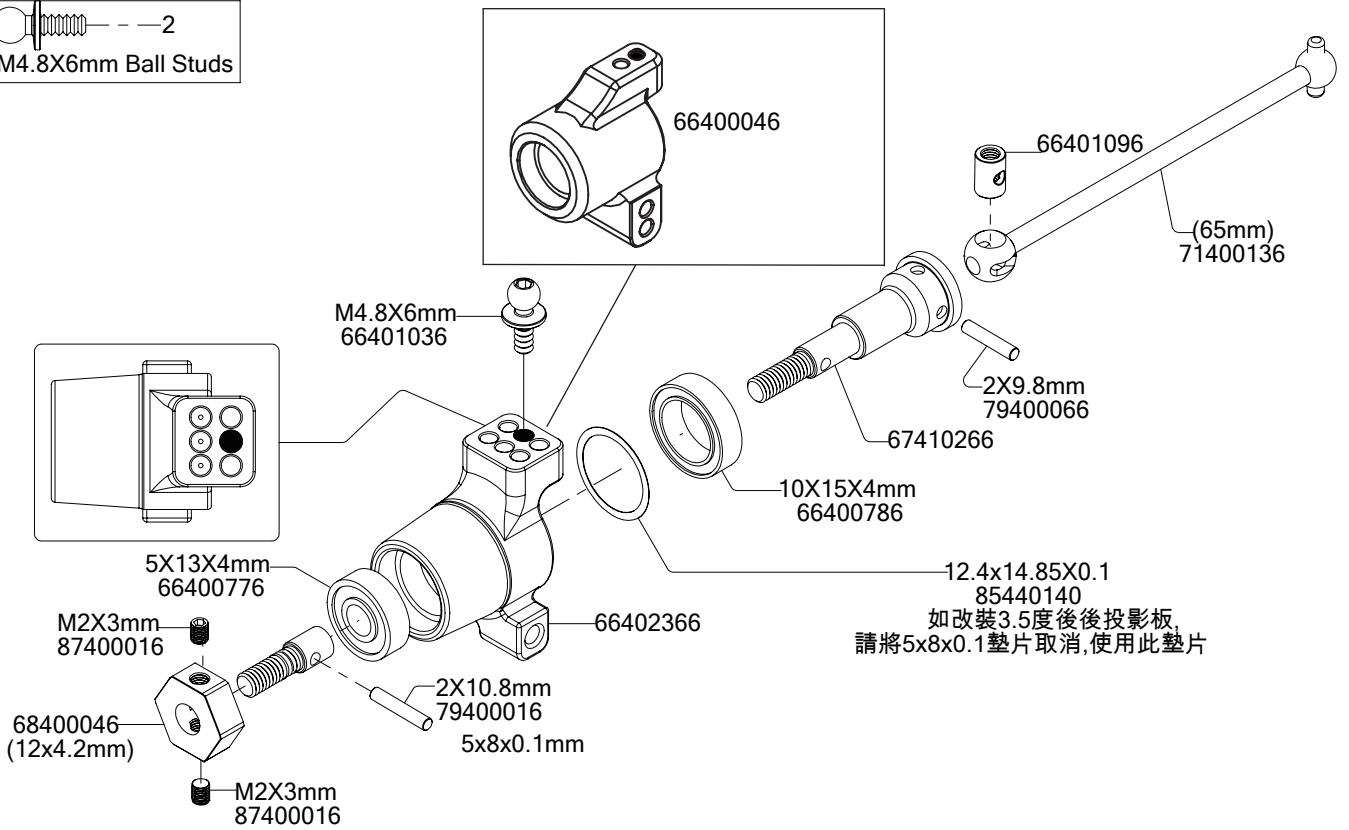




B8 Rear Hud&Cv.




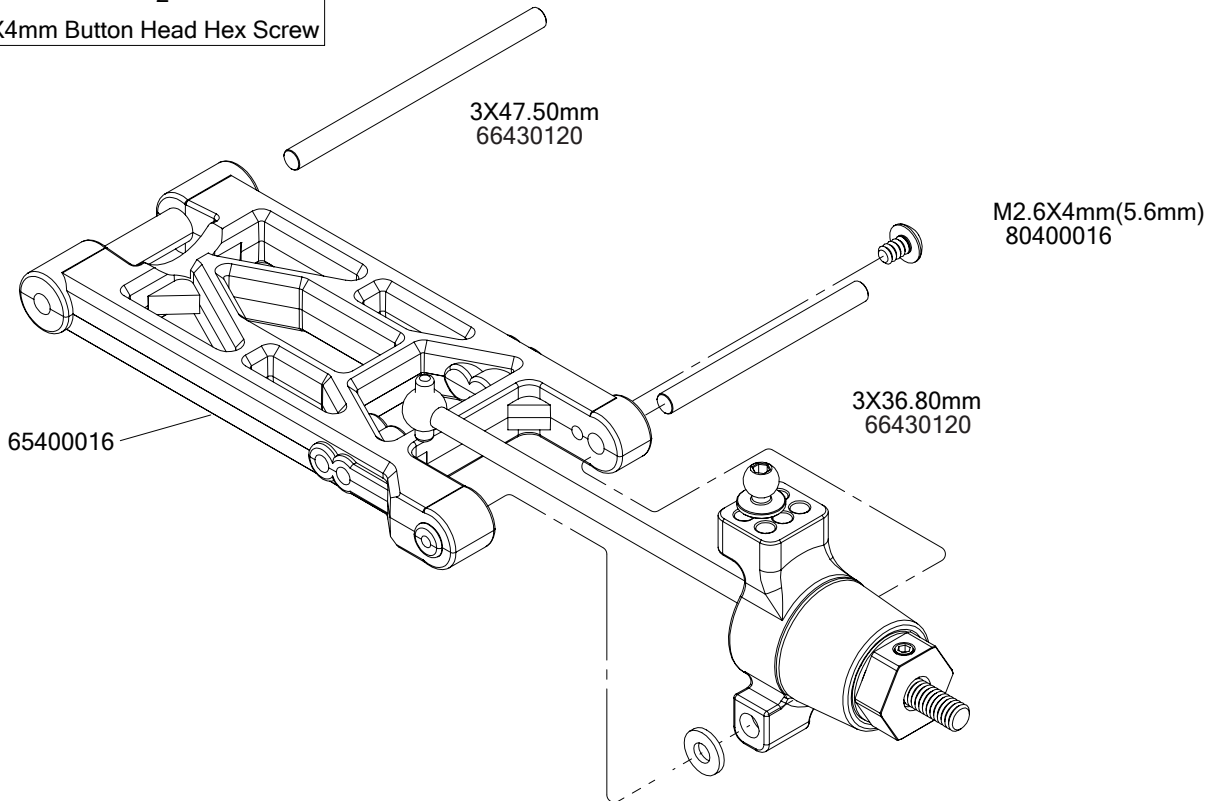
 2
M4.8X6mm Ball Studs



B9 Rear Hud (L&R)



 2
M2.6X4mm Button Head Hex Screw



Part Bags used.



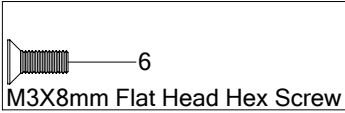
Assemble left and right sides the same way.



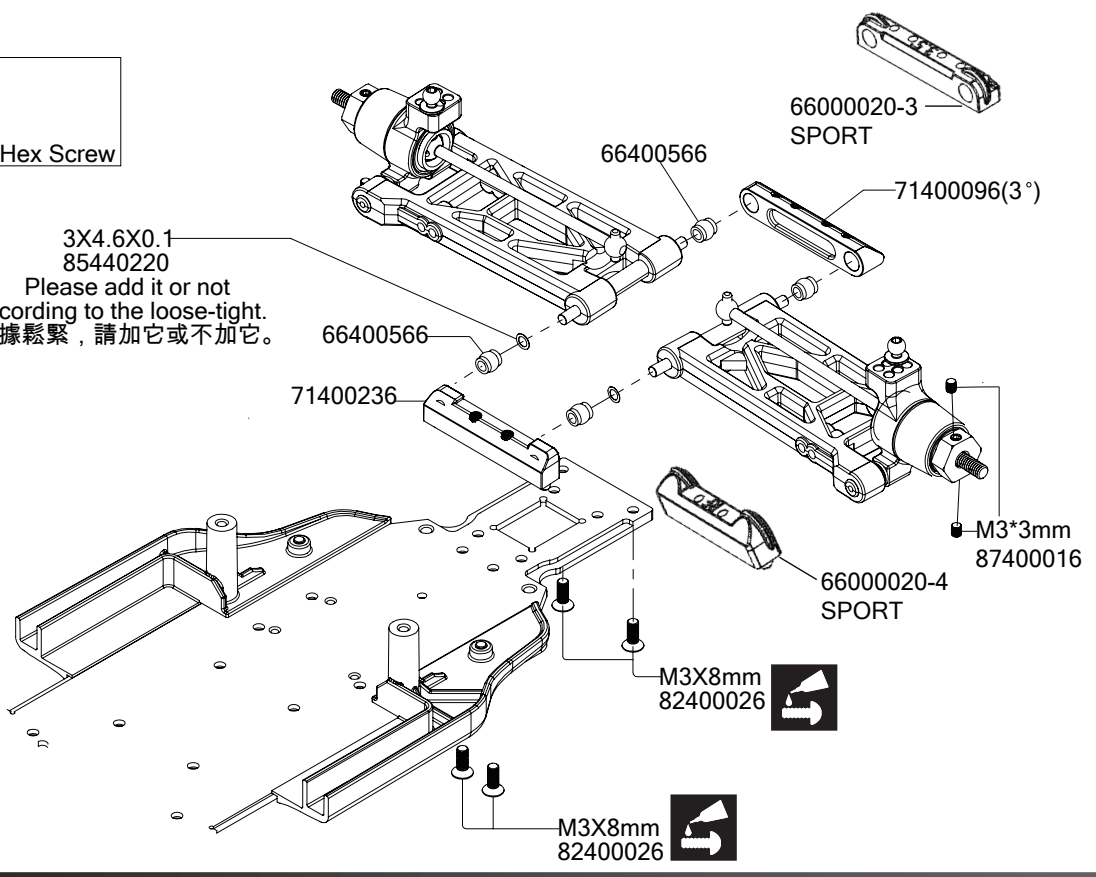
Do not over tighten.

B10 Rear Suspension

BAG B

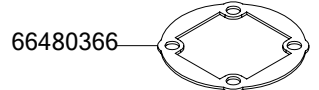
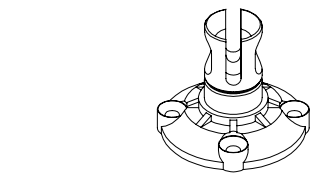
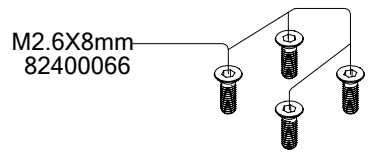
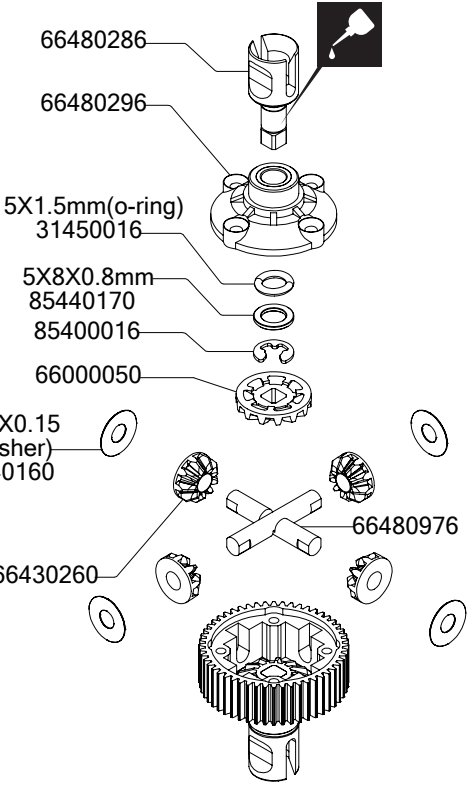
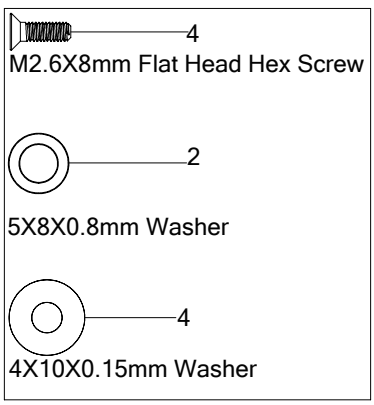


3X4.6X0.1
85440220
Please add it or not
according to the loose-tight.
依據鬆緊，請加它或不加它。

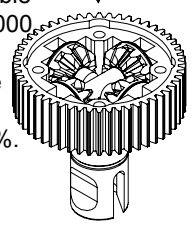


C1 Gear Differential

BAG C

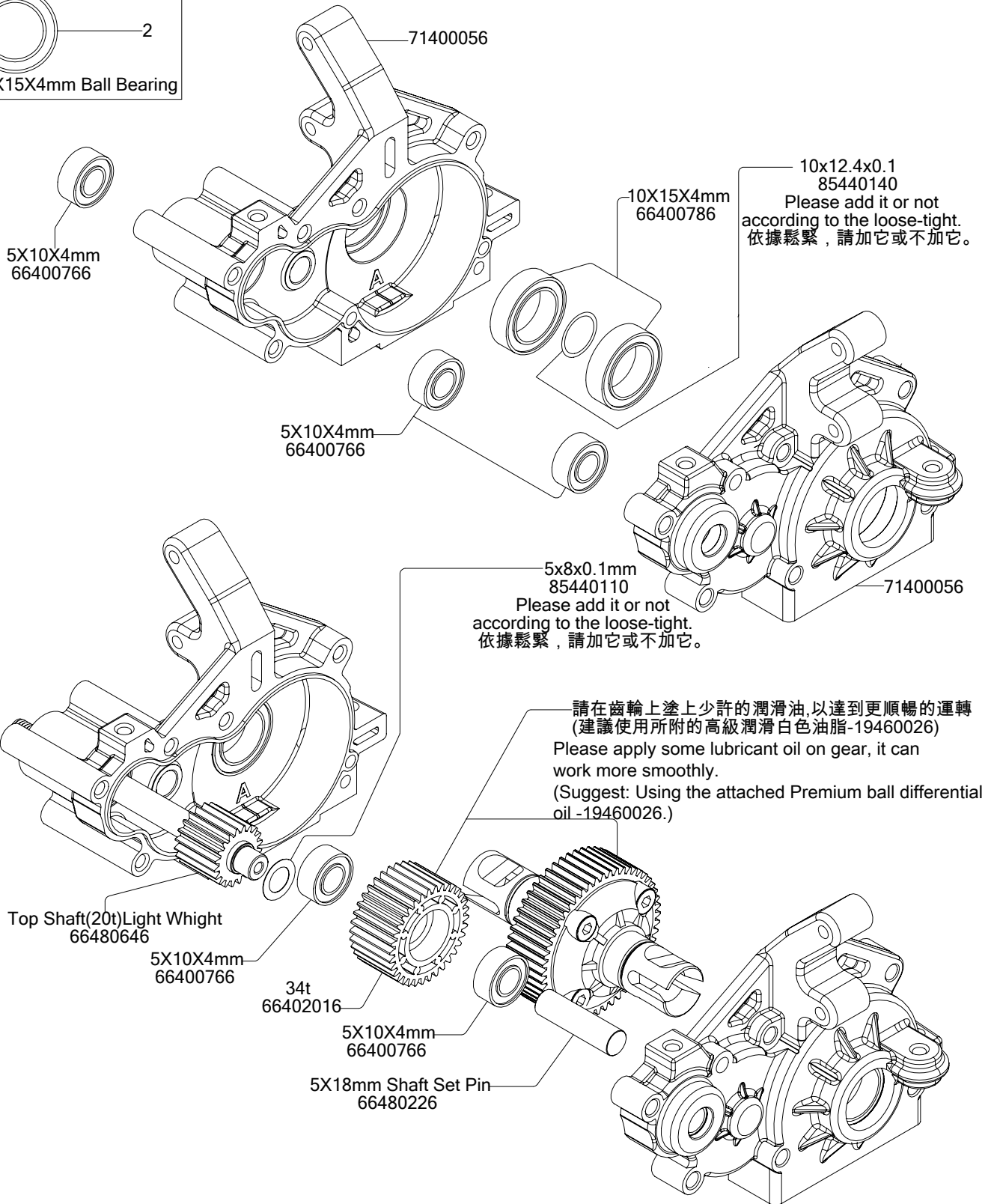
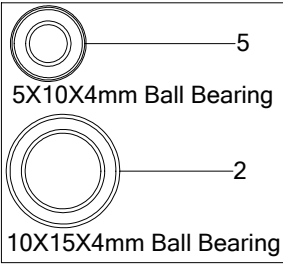


建議濃度為3000至5000差速油
灌至八分滿
The recommendable
density is 3000-5000
differential oil,
please pour in the
differential oil
reached up to 80%.








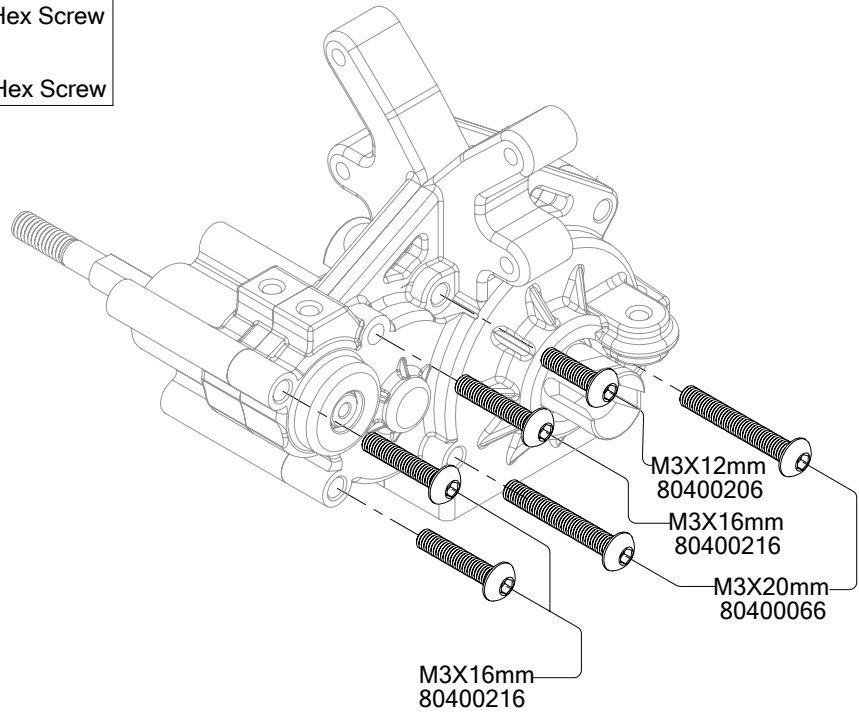
C2 Transmission Assembly







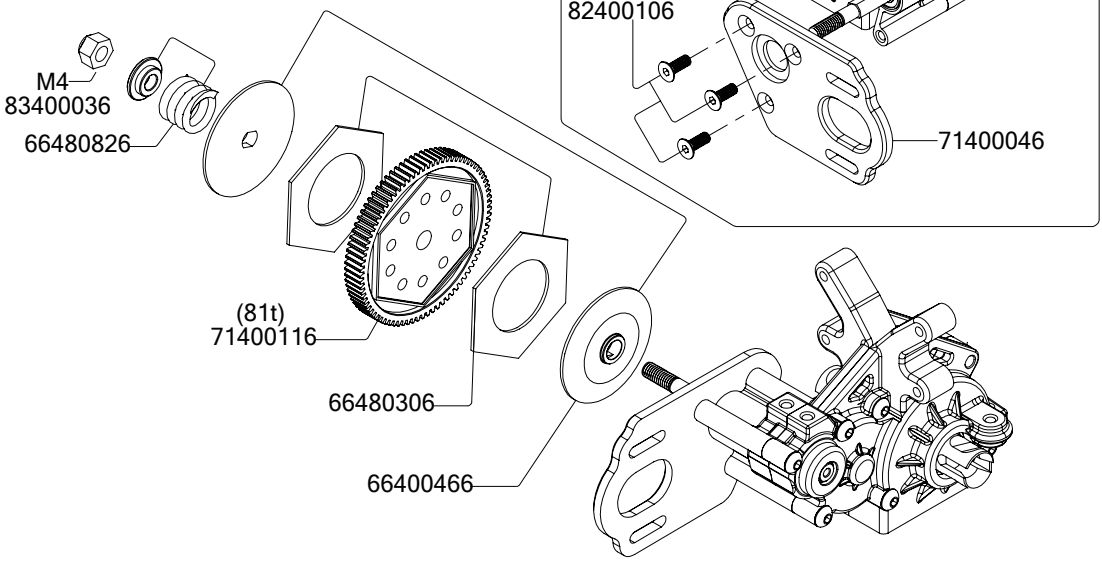
C3 Transmission Assembly

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



C4 Transmission Assembly

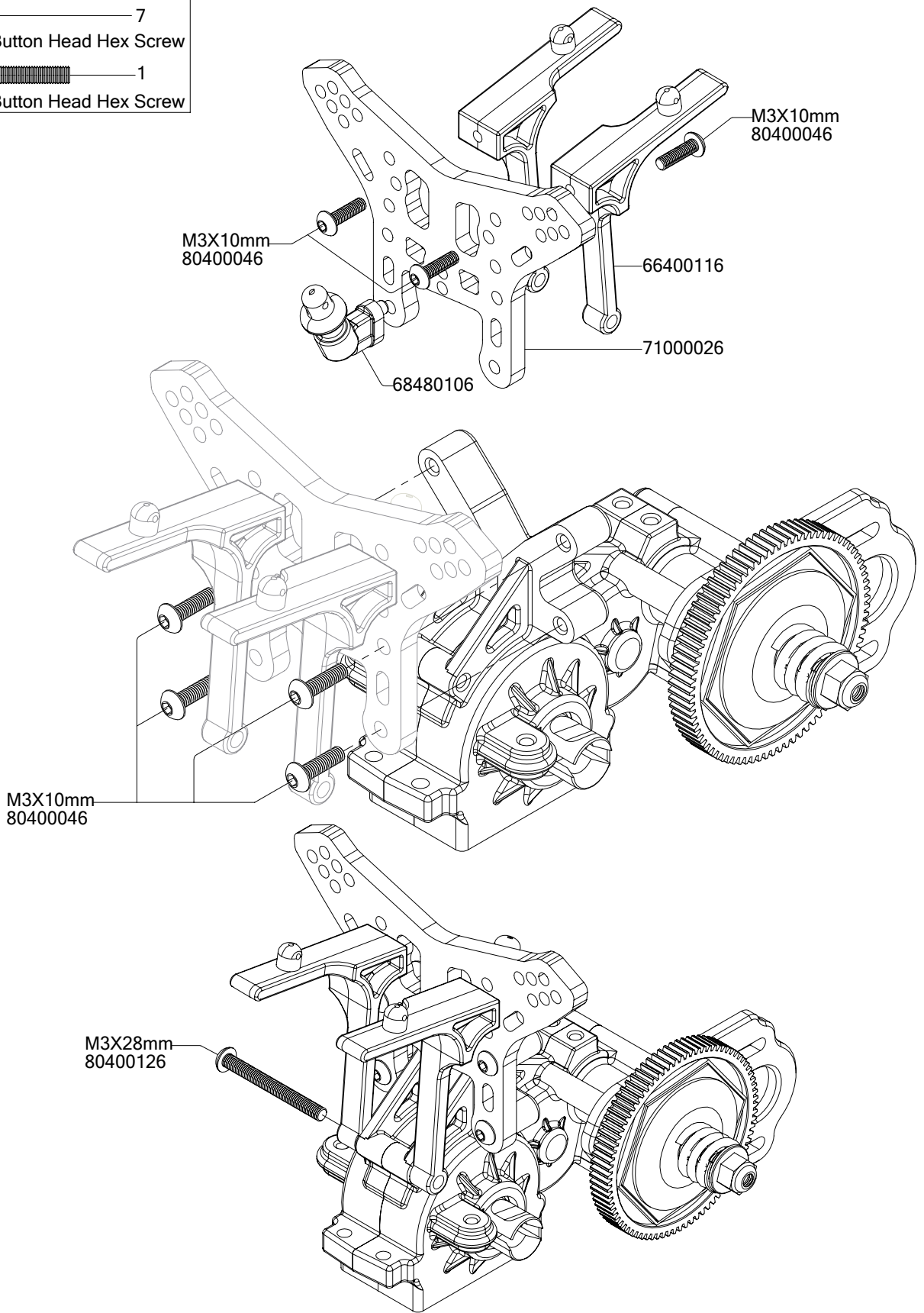
-  3
M3X10mm Flat Head Hex Screw
-  1
M4 Lock Nut





C5 Rear Shock Stay



- 7
M3X10mm Button Head Hex Screw
- 1
M3X28mm Button Head Hex Screw





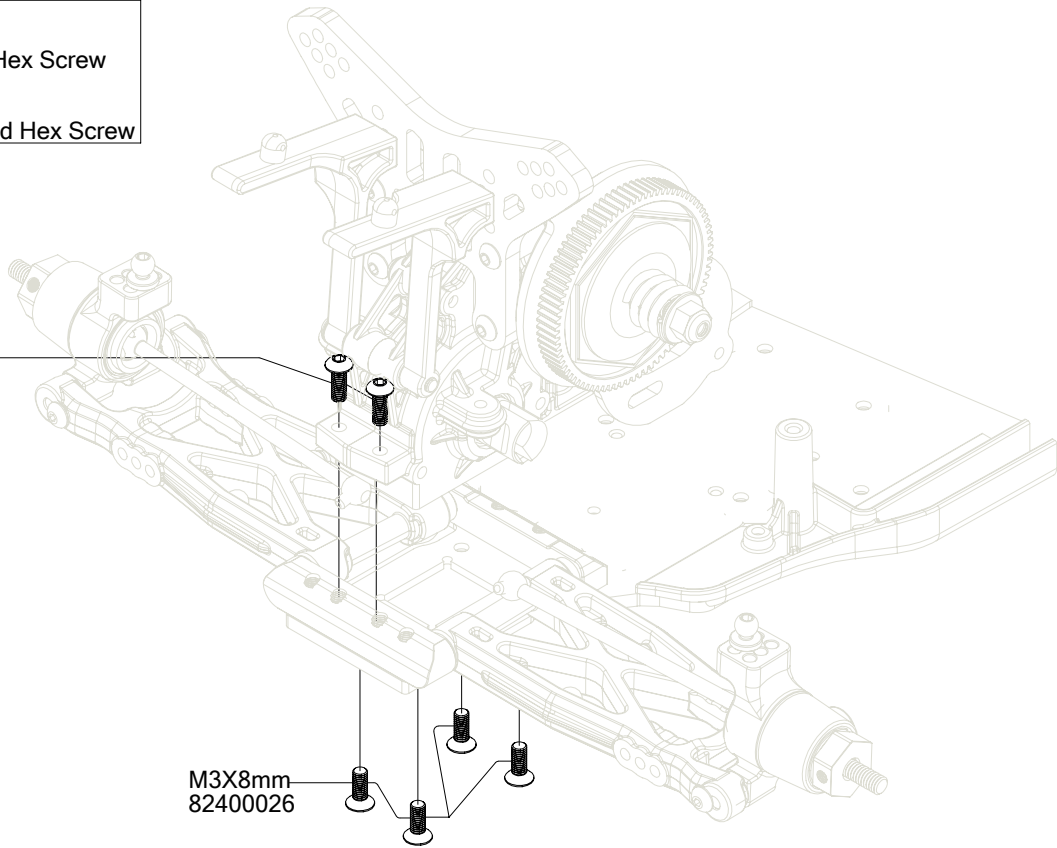
C6 Rear Gear Box




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

M3X8mm
80400036

M3X8mm
82400026

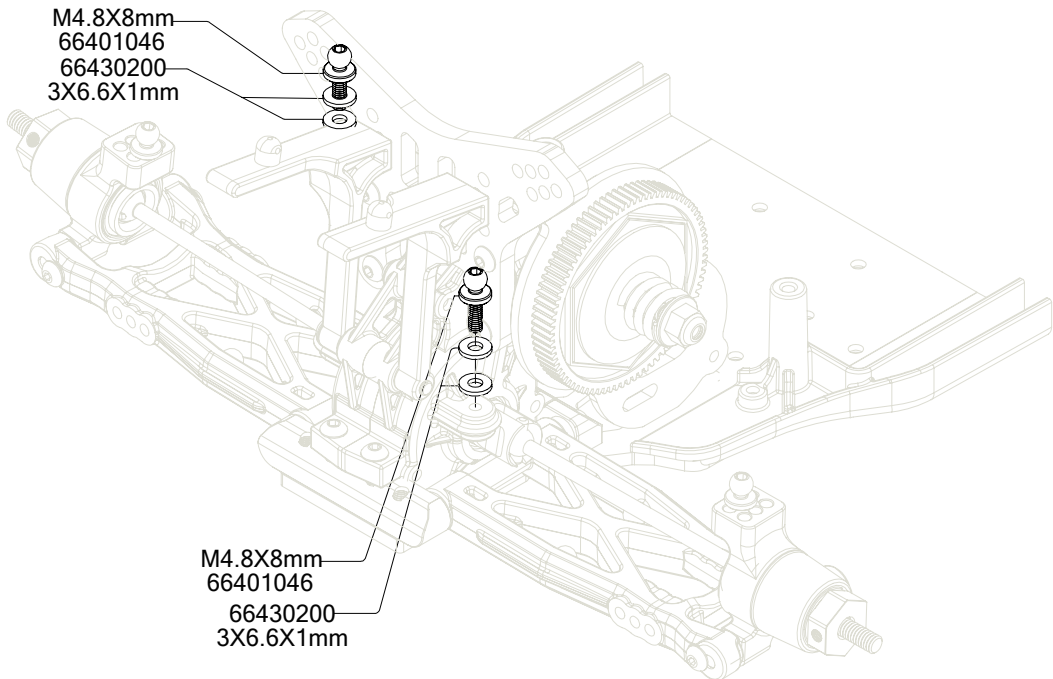


C7 Rear Suspension

-  2
M4.8X8mm Ball Studs



M4.8X8mm
66401046
66430200
3X6.6X1mm

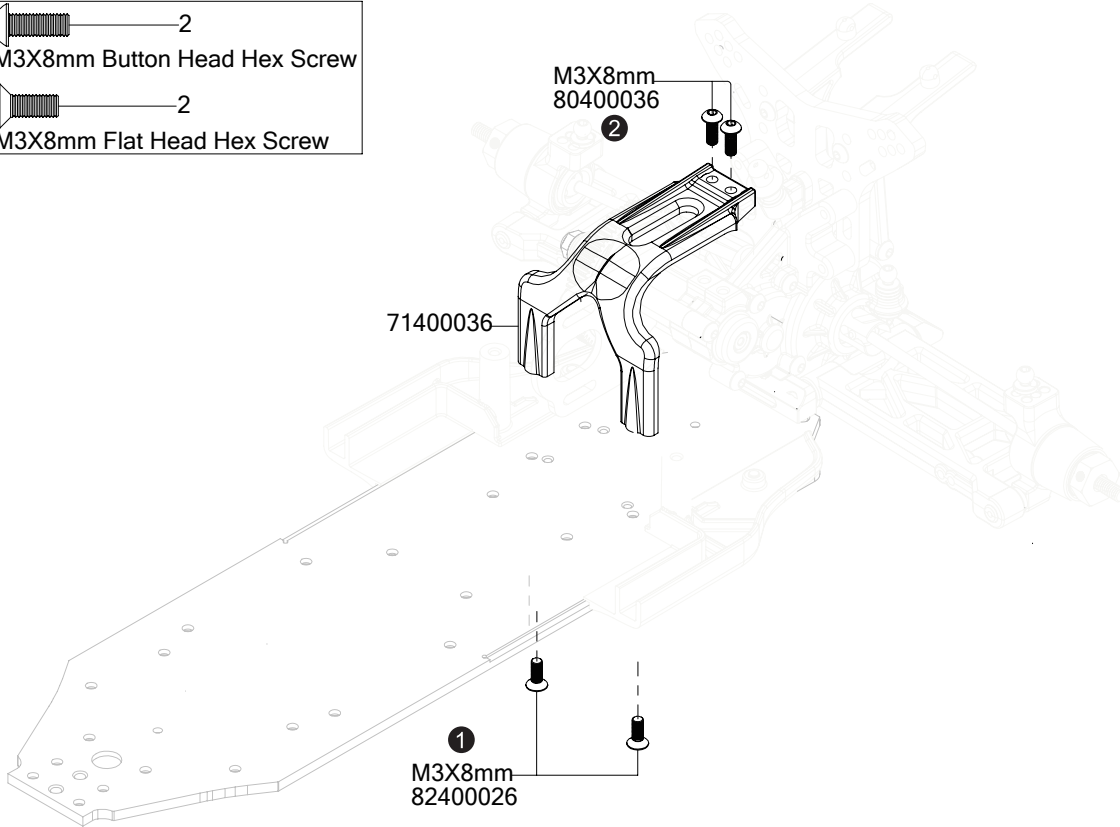
M4.8X8mm
66401046
66430200
3X6.6X1mm



C8 Rear Gear Box

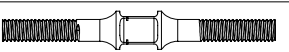


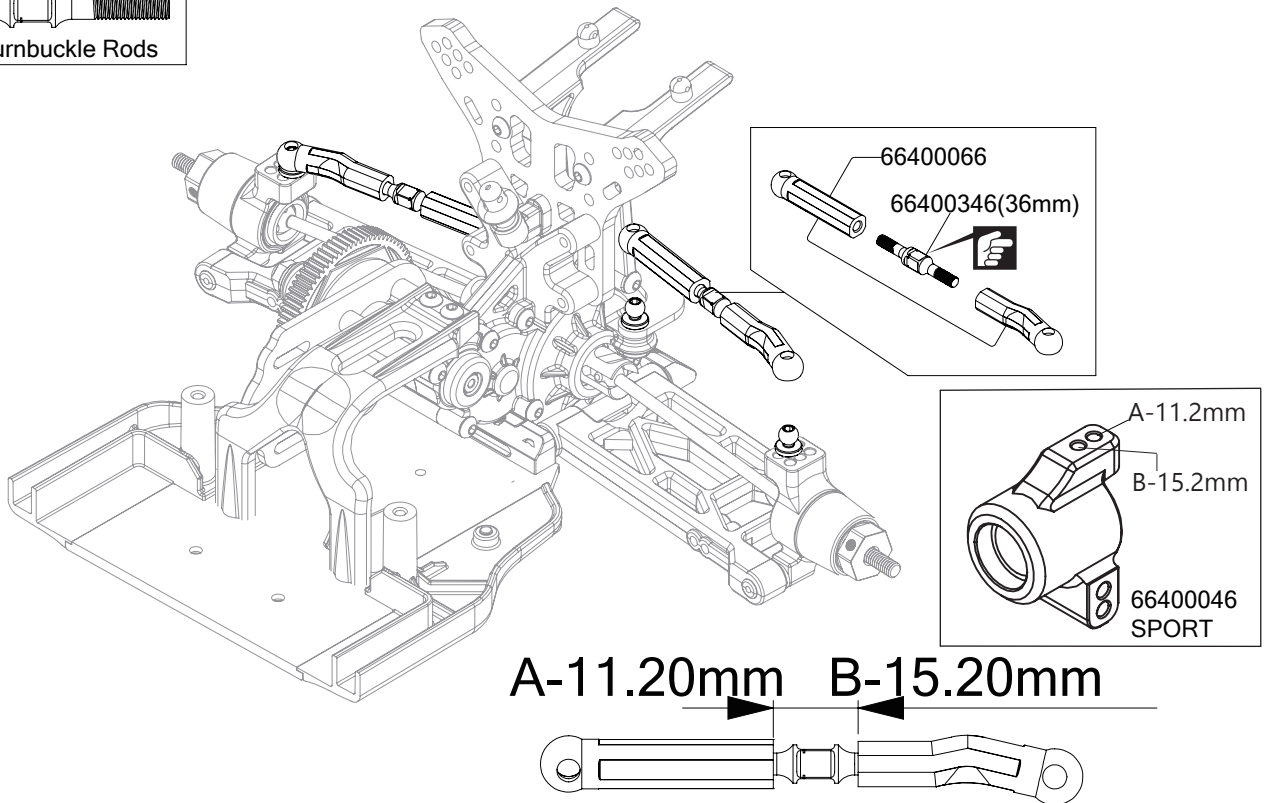
-  2
M3X8mm Button Head Hex Screw
-  2
M3X8mm Flat Head Hex Screw



C9 Rear Suspension.



-  36mm Turnbuckle Rods



Part Bags used.



Note the direction.




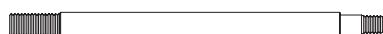







True-to-scale diagram.

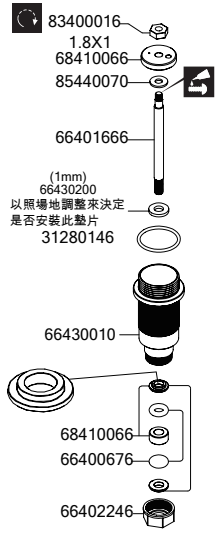


Assemble in the specified order.

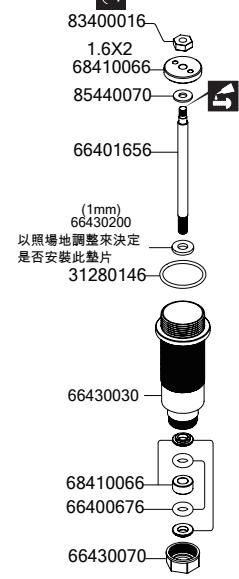
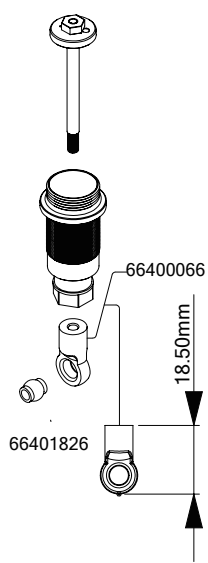
D1 Shock Assembly

BAG D

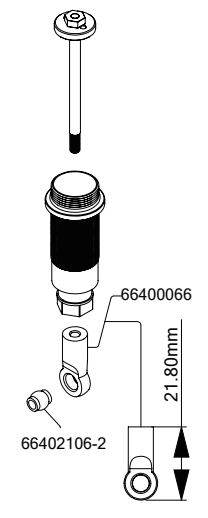
-  2
Front Shock Shaft 66401666
-  2
Rear Shock Shaft 66401656
-  8
Threaded Shock Coller
-  8  4
Threaded Shock Coller O-Rings (Need to soak silicone oil before)
-  4  4
Shock Cartridge Shock Ball--4pcs
-  2  2
Shock Piston 1.6 1.6 Shock Piston 1.8



Front Buildx2

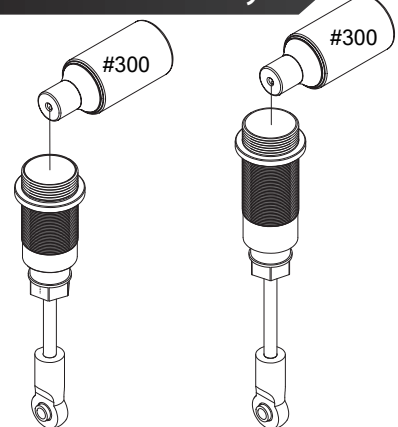


Rear Buildx2



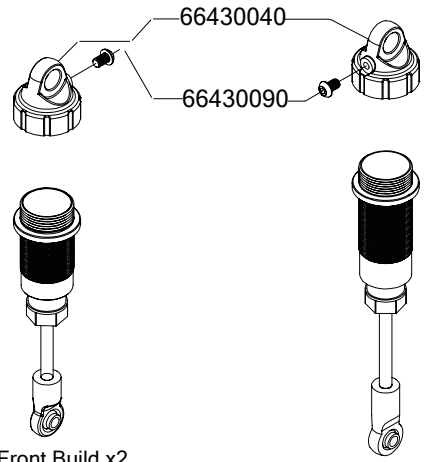
D2 Shock Assembly

BAG D



Front Build x2

Rear Build x2







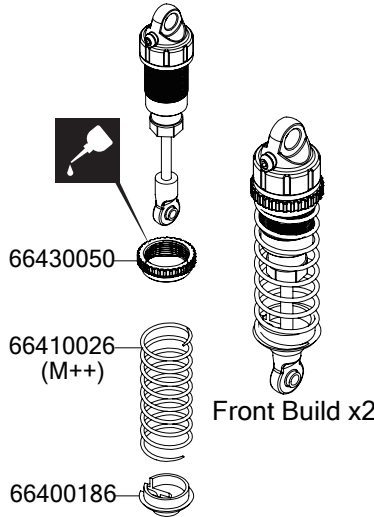
Front Build x2

Rear Build x2

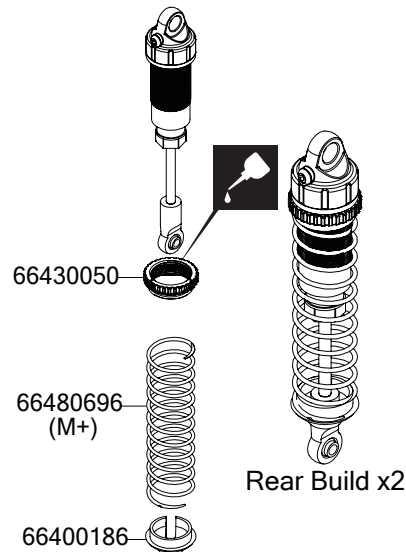
D3 Shock Spring

BAG D

-  4
Shock Collars O-Rings
-  2
Front Shock Spring M++
-  2
Rear Shock Spring M+
-  4
Shock End & Spring Cup Set & Rod End



Front Build x2





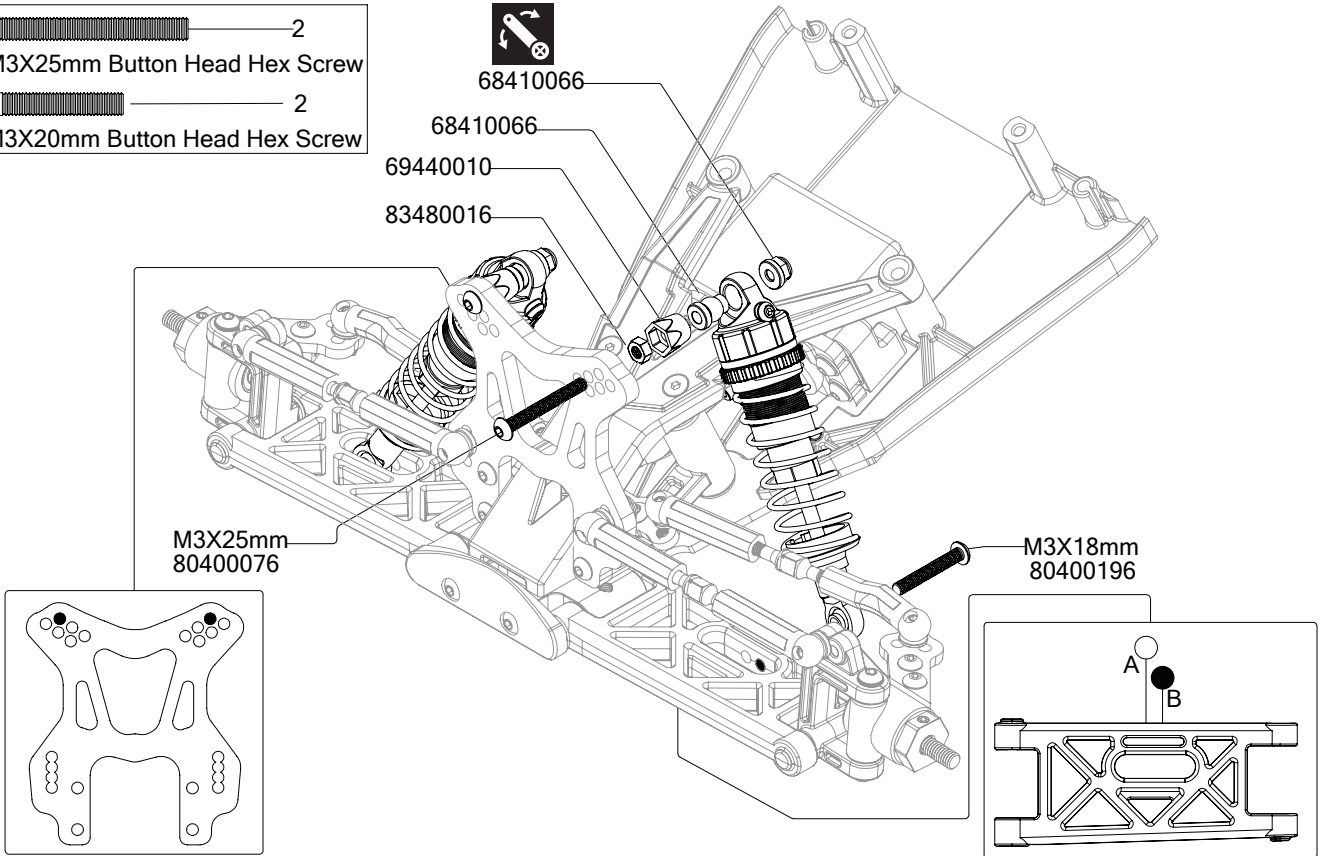
Rear Build x2



D4 Front Suspension





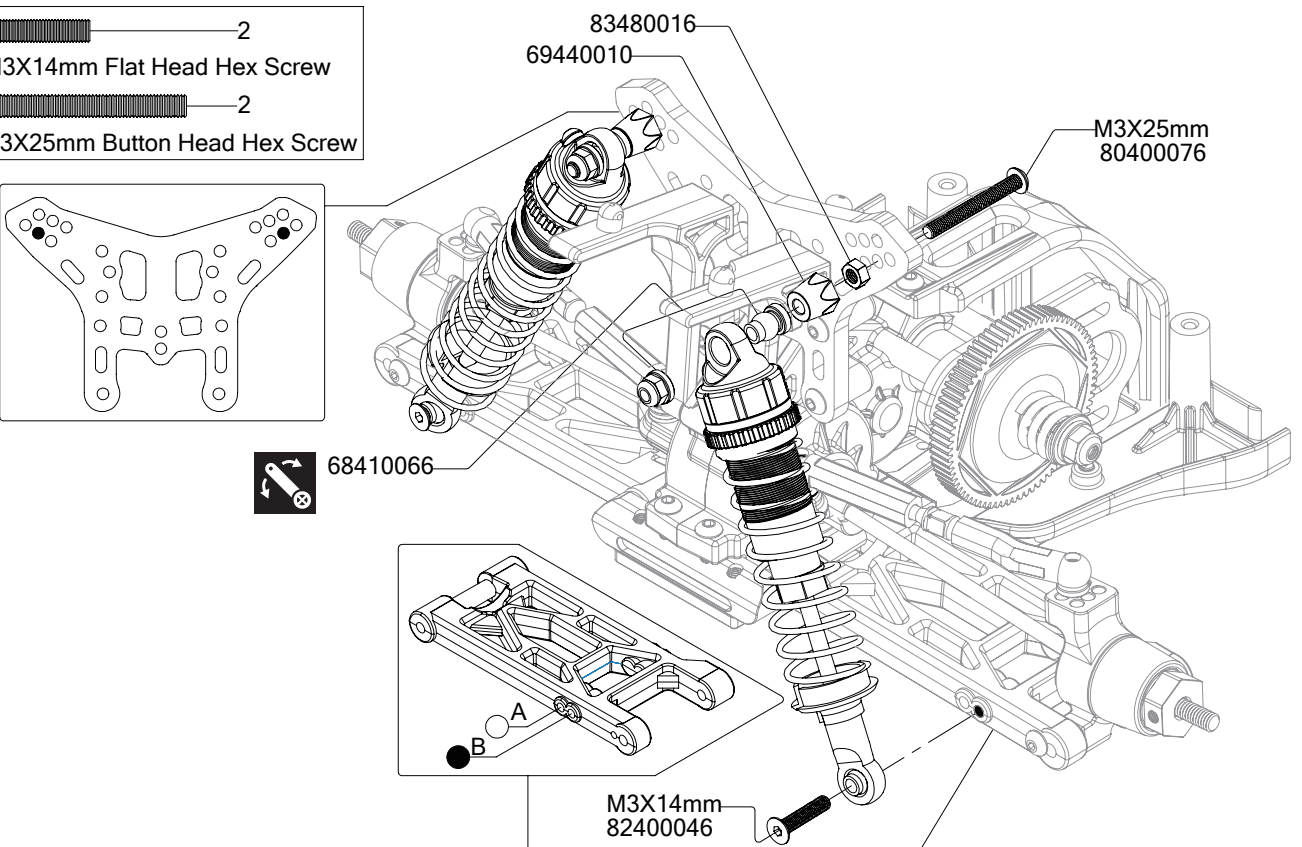
-  2
M3X25mm Button Head Hex Screw
-  2
M3X20mm Button Head Hex Screw



D5 Rear Suspension



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



Part Bags used.





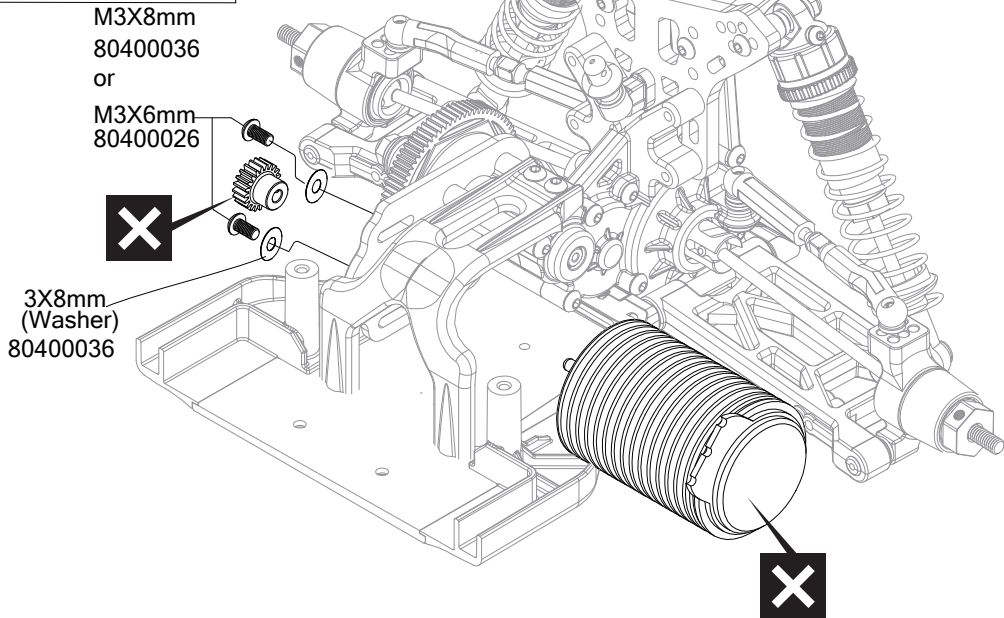
Ensure smooth non-binding movement while assembling.



D6 Motor



BAG D

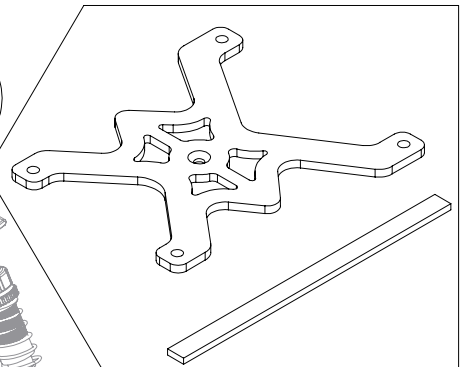
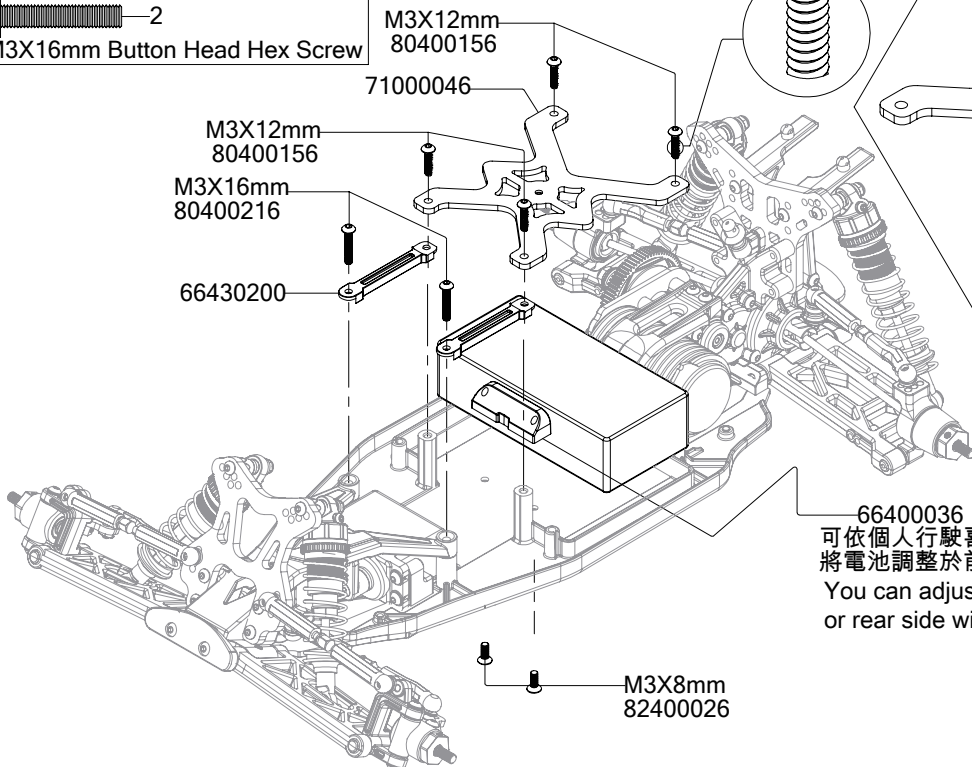
-  2
M3X6&8mm Button Hwad Hex Screw
-  2
3X8mm (Washer)



D7 BATTERY Plate

BAG D

-  2
M3X8mm Flat Head Hex Screw
-  2
M3X16mm Button Head Hex Screw





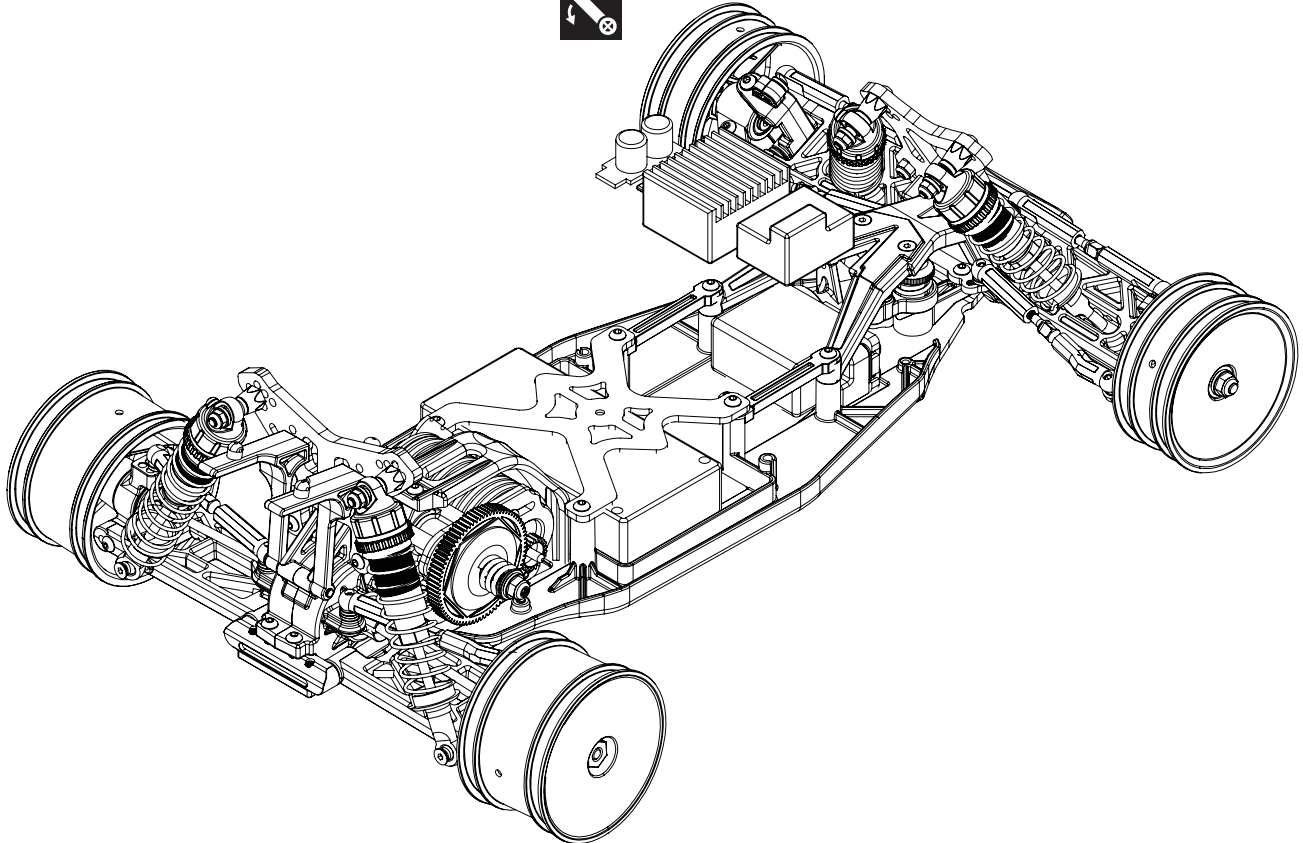
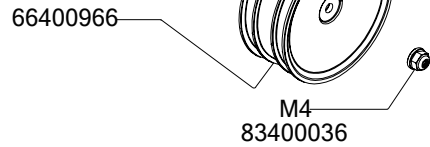
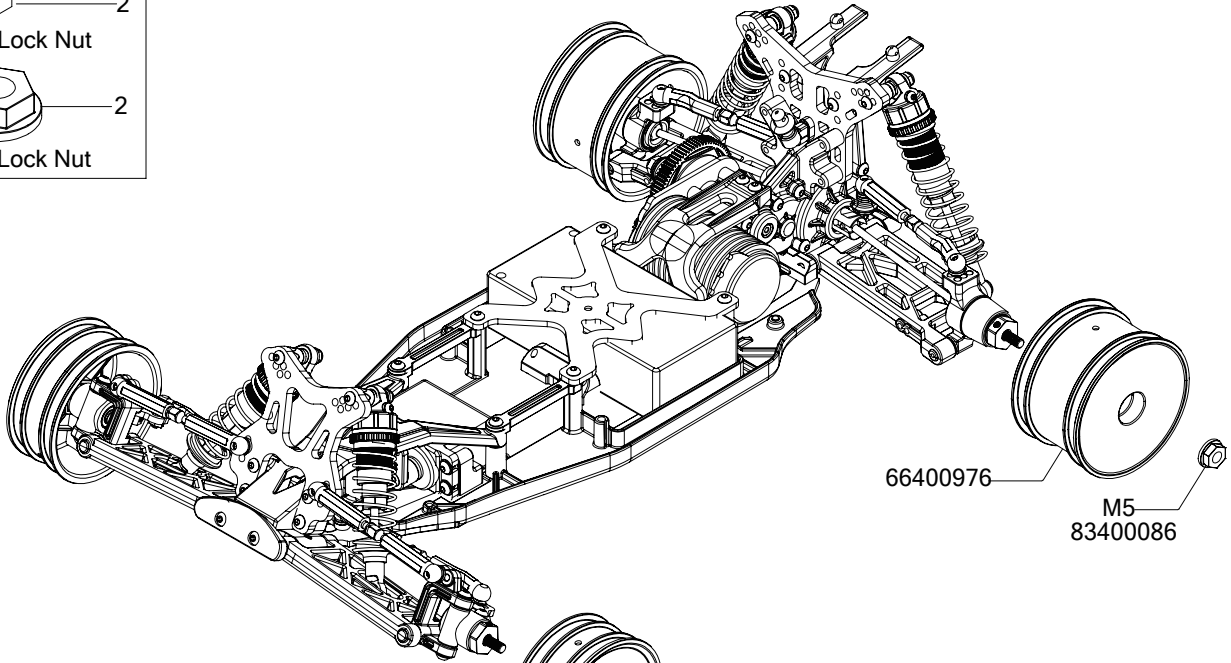
請在電池壓板,貼上3mm泡棉,以達到良好的固定及保護
Please paste foam 3mm to the battery plate, it could be regular and protected.

66400036
可依個人行駛喜好,將電池調整於前方與後方
You can adjust the battery to the front or rear side with your personal driving habit.



D8 Tires

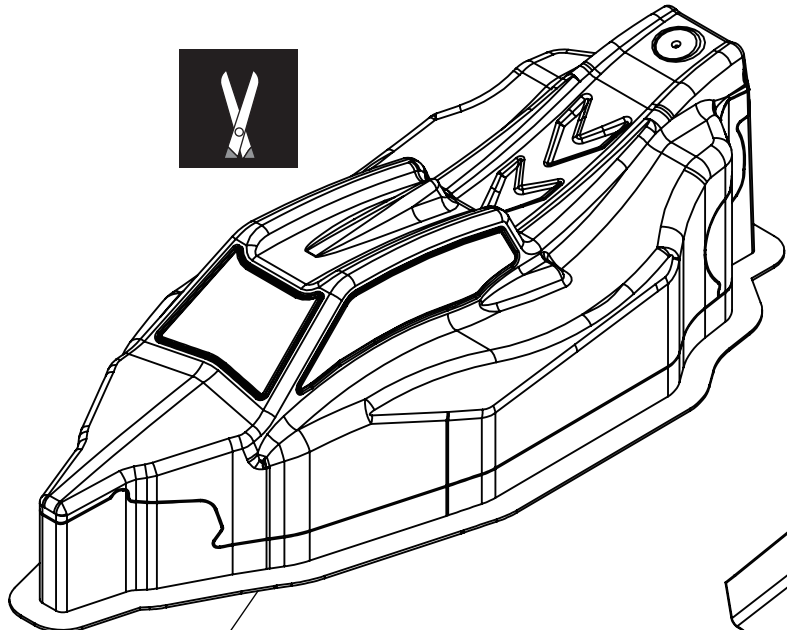
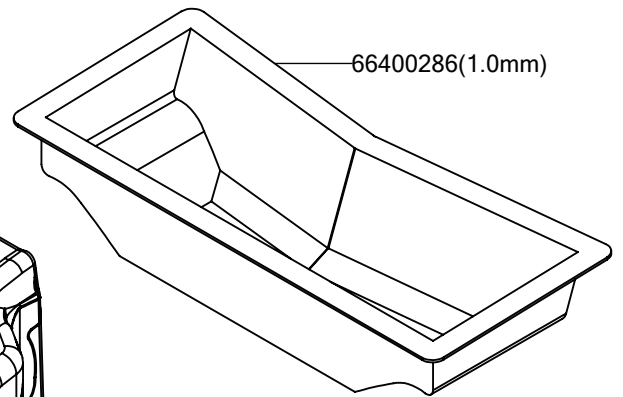
-  2
M4 Lock Nut
-  2
M5 Lock Nut



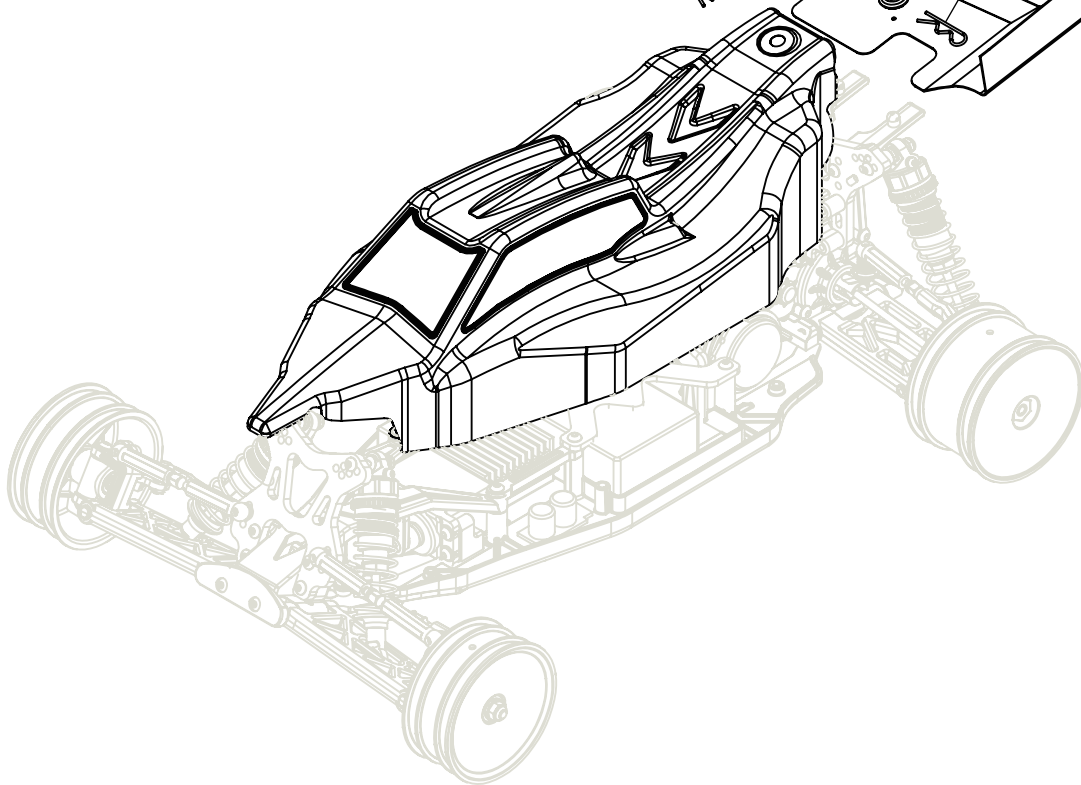
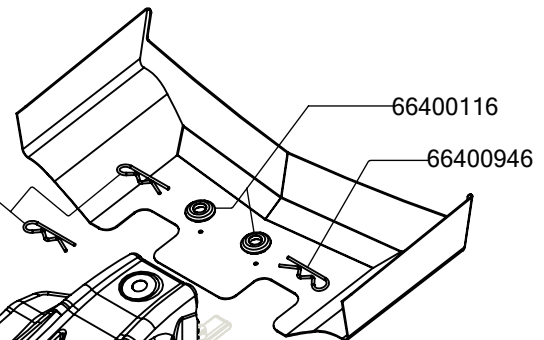


BAG
D

D9 Body&Wheels



71400076



SETUP SHEET

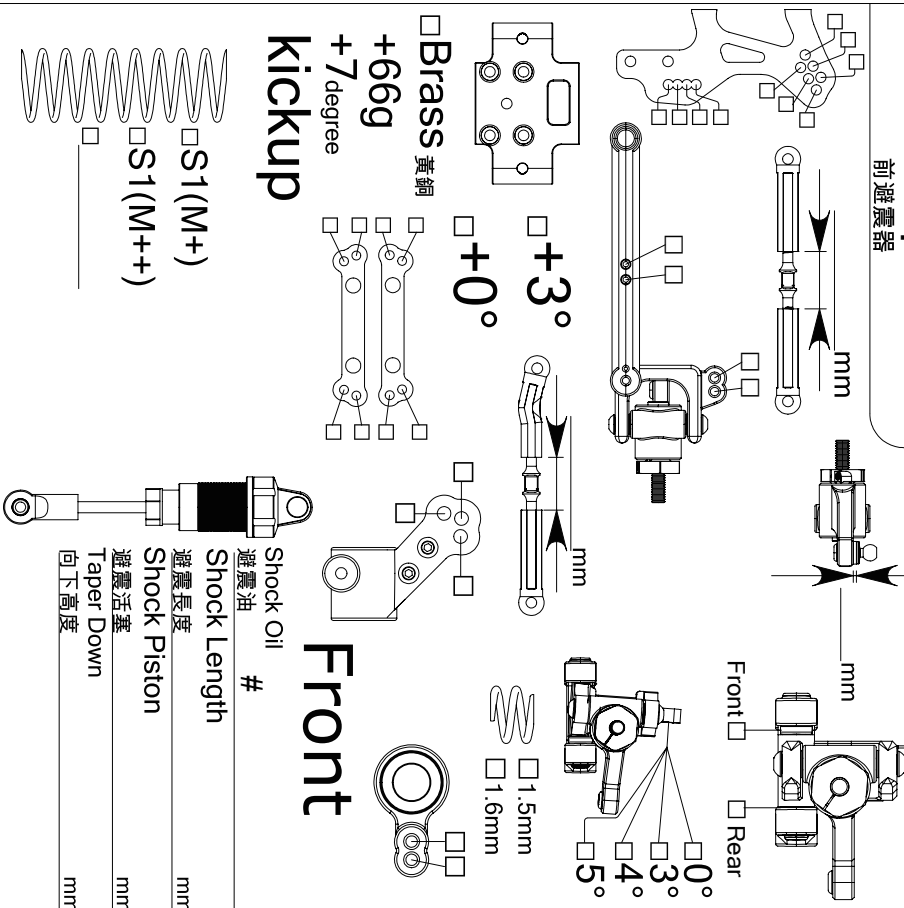
SETUP SHEET for Name _____
the PR S1v3(FM) 姓名 _____

Date 日期 _____

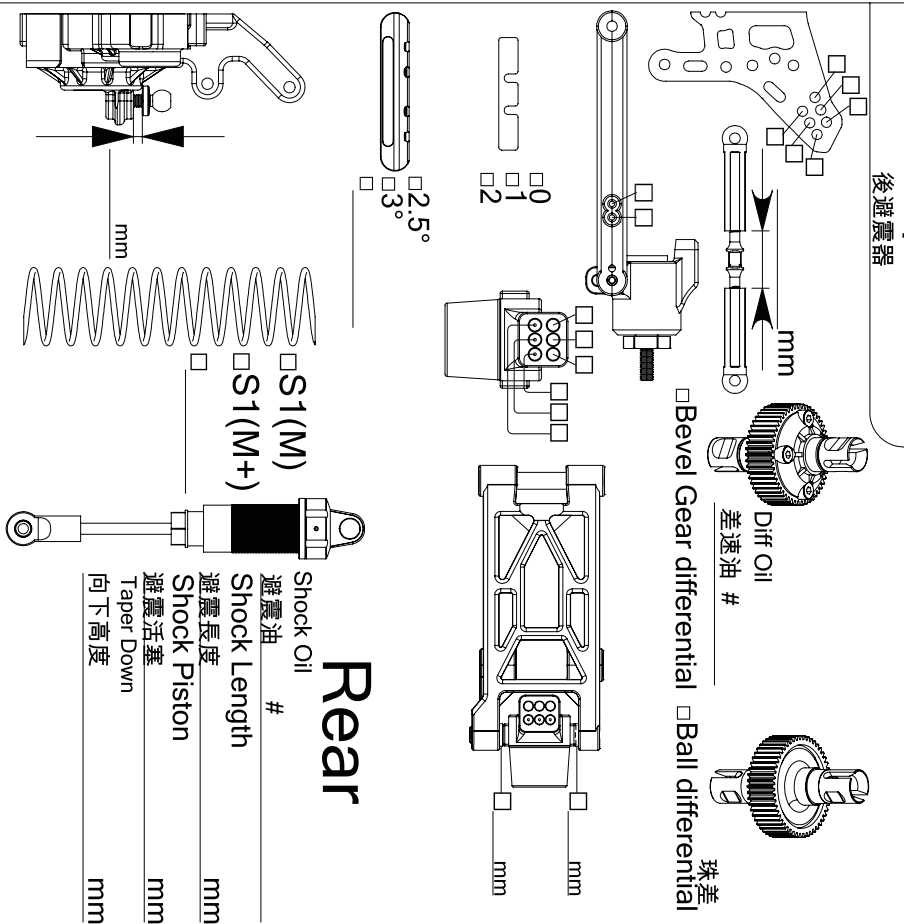
Truck/City 跑道/城市 _____

Event 活動 _____

Front Suspension 前避震器



Rear Suspension 後避震器



Front

Rear

Tire 輪胎 _____

wheel 輪框 _____

Insets 內海綿 _____

Tire 輪胎 _____

wheel 輪框 _____

Insets 內海綿 _____

Weather 氣候

Temperature 溫度 _____

Humidity 溼度 _____

Track Conditions 跑道情況

Size: Open Med Tight
 尺寸 開放 中 小

Traction: High Med Low
 抓地力 高 中 低

Surface: Smooth Med Bumpy
 表面 滑 中 顛坡

Others 其他

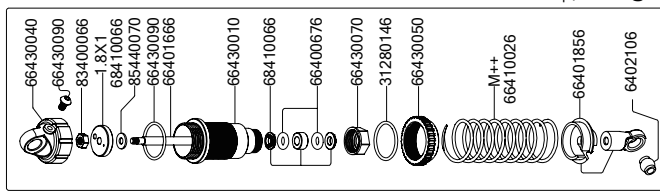
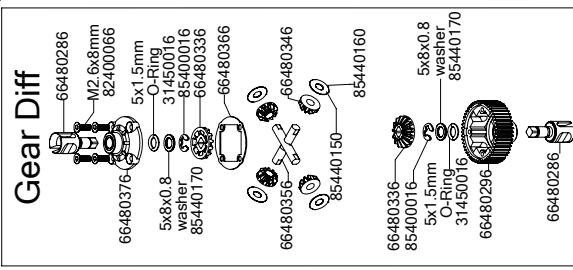
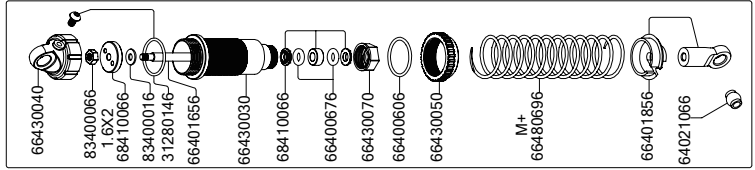
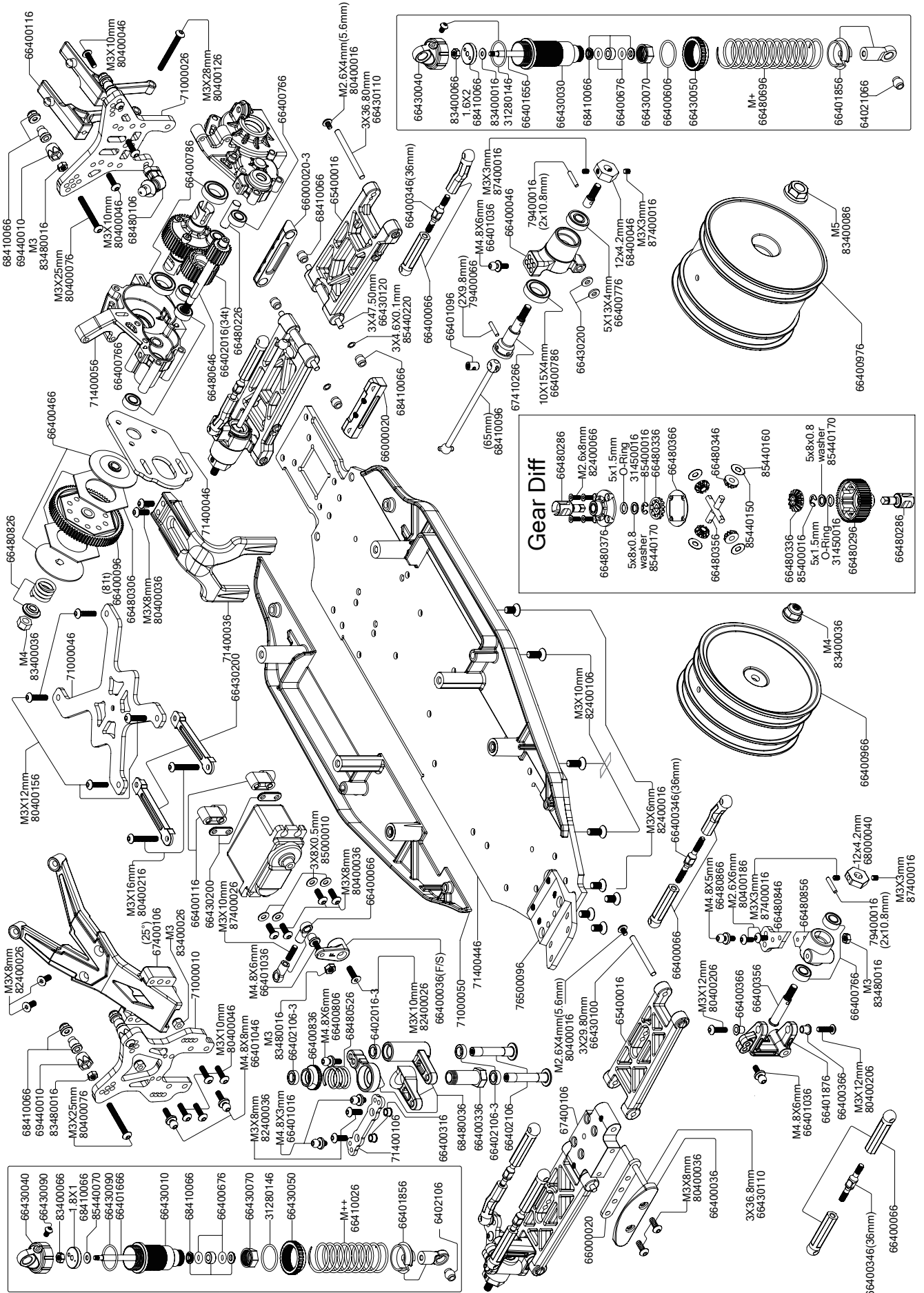
Ride Height 車子高度 _____

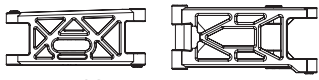
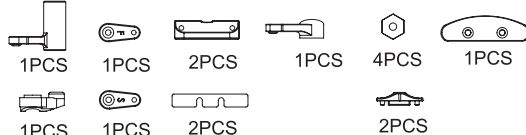
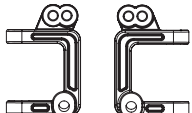

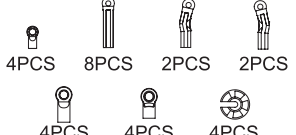

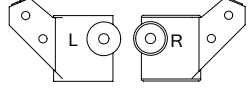

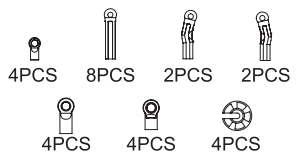
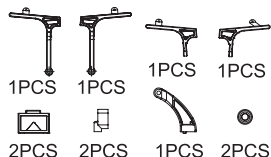
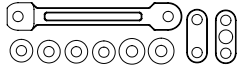




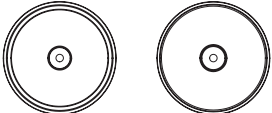


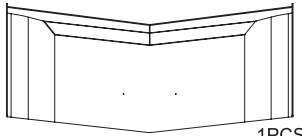


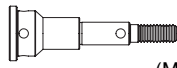



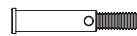


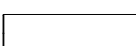



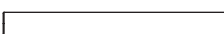
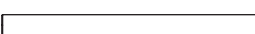

ESC/Motor _____


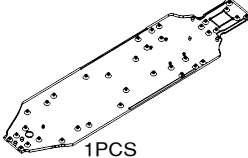

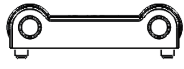
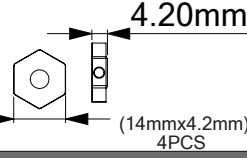
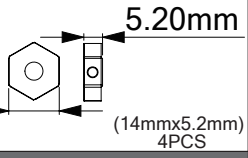

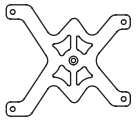
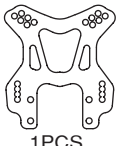
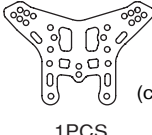
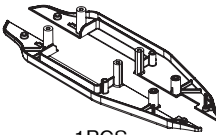
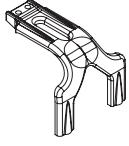
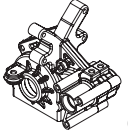



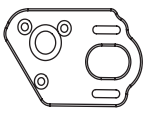
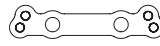
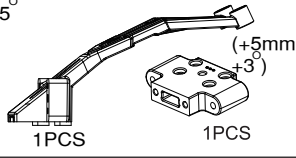


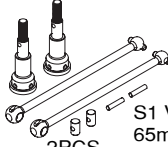

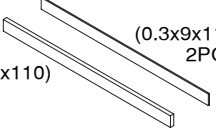












Battery 電池 _____


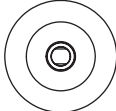







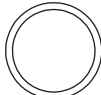

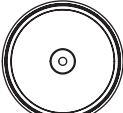



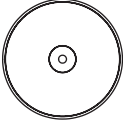
Pinion/Spur 馬達齒/齒輪 _____

SETUP SHEET



<p>65400016</p>  <p>2PCS 2PCS</p>	<p>66400036</p>  <p>1PCS 1PCS 2PCS 1PCS 4PCS 1PCS 1PCS 1PCS 2PCS 2PCS</p>		<p>66401876</p>  <p>(L/R 3°)</p>
<p>66430350</p>  <p>4pcs(15x1.2mm) 4pcs(M2.5x4mm)</p>	<p>66400066</p>  <p>4PCS 8PCS 2PCS 2PCS 4PCS 4PCS 4PCS</p>	<p>66402016</p>  <p>2pcs(34T)</p>	<p>66480856</p>  <p>1PCS 1PCS</p>
<p>66430040</p>  <p>4pcs</p>	<p>66400066</p>  <p>4PCS 8PCS 2PCS 2PCS 4PCS 4PCS 4PCS</p>	<p>66400116</p>  <p>1PCS 1PCS 1PCS 1PCS 2PCS 2PCS 1PCS 2PCS</p>	<p>66430200</p>  <p>2pcs</p>
<p>66400176</p>  <p>16PCS 2PCS 2PCS</p>	<p>66400186</p>  <p>2PCS 2PCS 2PCS 2PCS</p>	<p>66480826</p>  <p>1pcs 1pcs</p>	<p>66480646</p>  <p>20T Light weight 1PCS</p>
<p>66400256</p>  <p>2PCS 2PCS</p>	<p>66480846</p>  <p>2pcs 4pcs(2.5x8mm)</p>	<p>85440110</p>  <p>5x8x0.1mm Washer 4PCS</p>	<p>66400286</p>  <p>1PCS</p>
<p>66400046</p>  <p>2pcs</p>	<p>66401006</p>  <p>8PCS 8PCS 4PCS</p>	<p>67410266</p>  <p>2pcs (M5)</p>	<p>66402106-1</p>  <p>2PCS</p>
<p>66400336</p>  <p>1PCS</p>	<p>66400346</p>  <p>6PCS</p>	<p>66400356</p>  <p>2PCS</p>	<p>66401686</p>  <p>4pcs</p>
<p>66000020-1</p>  <p>1PCS</p>	<p>66480226</p>  <p>5x18 Light weight 2PCS</p>	<p>66402056</p>  <p>2pcs</p>	<p>66430010</p>  <p>2PCS</p>
<p>79400016</p>  <p>2x11 4PCS</p>	<p>66430100</p>  <p>3x9.8mm 2PCS</p>	<p>66430110</p>  <p>3x36.8 4PCS</p>	<p>66430030</p>  <p>2PCS</p>

66402266  1PCS	71400446  1PCS	76500096  1PCS	66000020-4  1PCS (RF)
68000040  (14mmx4.2mm) 4PCS	68440010  (14mmx5.2mm) 4PCS	83400086  M5 4PCS	71000046  1PCS (carbon)
76500036  1PCS (carbon)3mm	76500046  1PCS (carbon)3mm	71000050  1PCS (L/R)	71400036  1PCS
71400056  1PCS (A/B)	71400076  1PCS	66000020-3  1PCS (RR-3.5°)	66480626  2PCS
71400046  1PCS	71400106  1PCS (For S1 V3)	67400106  1PCS	66480636  2PCS
71400116  1PCS (81T)	71400126  2PCS	71400136  2PCS (65mm)	99000010  2PCS
66400676  8PCS	66401056  10PCS	66480306  2PCS	98400046  6PCS
66480866  (M4.8x4.8mm) (M4)	68480456  28mm 2PCS	66410026  M++ 2PCS	66480696  M+ 2PCS
66402106-3  5x8x2.5 POM 6PCS	66400766  5x10x4 Ball Bearing 10PCS	66400776  5x13x4 Ball Bearing 2PCS	66400786  10x15x4 Ball Bearing 4PCS

68480526  1.6mm 1PCS	66400466  2PCS	83400026  M3 5PCS	85440020  3x4.65x0.2mm 15PCS
85440070  2.6x6x0.5mm 4PCS	66401016  4.8x3mm 6PCS	66401036  4.8x6mm 6PCS	66401046  4.8x8mm 6PCS
66402106-2  4PCS	66400606  4PCS	85440100  3x6.6x0.9mm 4PCS	68400316  2PCS
85440010  5x8x0.2mm Washer 15PCS	66401096  2PCS	85440180  5x8x0.5mm Washer 4PCS	68400306  2PCS

Option Parts

<p>66480456</p> <p>(+5mm 3)lower swing arm mounts 22g (aluminum)</p>	<p>66481186</p> <p>(+5mm 7)lower swing arm mounts (aluminum)</p>	<p>66480476</p> <p>(+5mm 0)lower swing arm mounts 20g (aluminum)</p>	<p>66480536</p> <p>(+5mm 7)lower swing arm mounts 66g (Brass)</p>
<p>66480736</p> <p>PR S1 balance beam 1.4mm</p>	<p>71000036</p> <p>carbon 2PCS</p>	<p>66480396</p> <p>CNC-(aluminum) Mental C-hubs(0 degrees) Left & Right</p>	<p>66480326</p> <p>CNC-(aluminum) Mental C-hubs(4 degrees) Left & Right</p>
<p>83000020</p> <p>CNC-(aluminum) 4PCS (M5)</p>	<p>66480936</p> <p>CNC-(aluminum) (M3X8mm) 2pcs 2pcs</p>	<p>71480016</p> <p>65mm 2PCS Light weight</p>	<p>66400756</p> <p>5x8x2.5 Ball Bearing 6PCS</p>
<p>85440180</p> <p>1PCS (RF) CNC-(aluminum)</p>	<p>71400166</p> <p>1PCS (RR-3.5) CNC-(aluminum)</p>	<p>71400096</p> <p>1PCS (RR-3) CNC-(aluminum)</p>	<p>71400406</p> <p>1PCS (RR-1.5) CNC-(aluminum)</p>
<p>66402366</p> <p>2PCS CNC-(aluminum)</p>	<p>66401306</p> <p>2PCS CNC-(aluminum)</p>	<p>66401826</p> <p>4PCS CNC</p>	<p>69400146</p> <p>2pcs</p>
<p>66400376</p> <p>1PCS (aluminum)</p>	<p>79400026</p> <p>3x29.8mm 2PCS op</p>	<p>79400036</p> <p>3x36.8mm 4PCS op</p>	<p>79400046</p> <p>3x47.5mm 4PCS op</p>
<p>66401216</p> <p>Front x2</p>	<p>66401226</p> <p>Rear x2</p>	<p>71400306</p> <p>1PCS</p>	<p>2PCS</p>

NOTE

PRS1v3 (FM) Sport 1/10 Electric 2WD Buggy Kit

PR Racing introduce the “S1v3 (FM) Sport”, a low cost version of their competition spec S1v3 (FM), with the goal to make RC racing more accessible for all abilities and budgets. Although the price is low the performance and quality is not, and it still includes Carbon Fibre Shock Towers and battery strap, Sealed Gear Differential, and an Alloy Chassis amongst many other features. It shares lots of parts and all geometry from the race proven competition kit, so on the track it will have no problem to compete.

Specifications

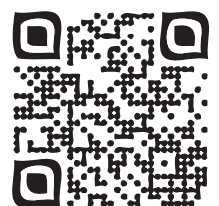
- Length: 411mm
- Width: 250mm
- Height: 145mm
- Wheelbase: 285mm
- Front track: 248mm
- Rear track: 250mm
- Sealed Gear Differential
- 3mm CNC Aluminium Chassis
- 3mm Carbon Fibre Shock Towers and 2.5mm Battery Strap
- Slipper assembly
- Laydown transmission optimised for medium to high grip
- 12mm Hex fit wheels

Main Differences to Competition V3 (FM)

- Plastic Threaded Oil Filled Shock Absorbers
- Plastic Rear Hubs
- Strong Over-sized RF and RR Hangers
- Steering Assembly Bearings - Plastic bushes
- Plastic Steering Posts

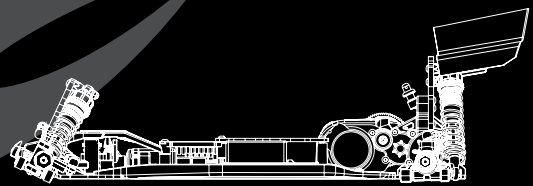
Items required to complete:

- Metric 1.5mm, 2.0mm hex tools
- Metric 5.5mm, 7.0mm 8.0mm Nut Driver
- 2 Channel Surface Radio System (Minimum)
- 1/10 ESC, Motor & Pinion Gear
- High Speed Servo
- 2S LiPo Shorty Battery & Compatible Lipo Charger
- Polycarbonate Paint for Bodies
- 1/10 Buggy Tires, inserts and CA Adhesive
- Silicon gear diff oil



PRSTV3 FM SPORT

1/10 ELECTRIC 2WD RACING PRO KIT



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