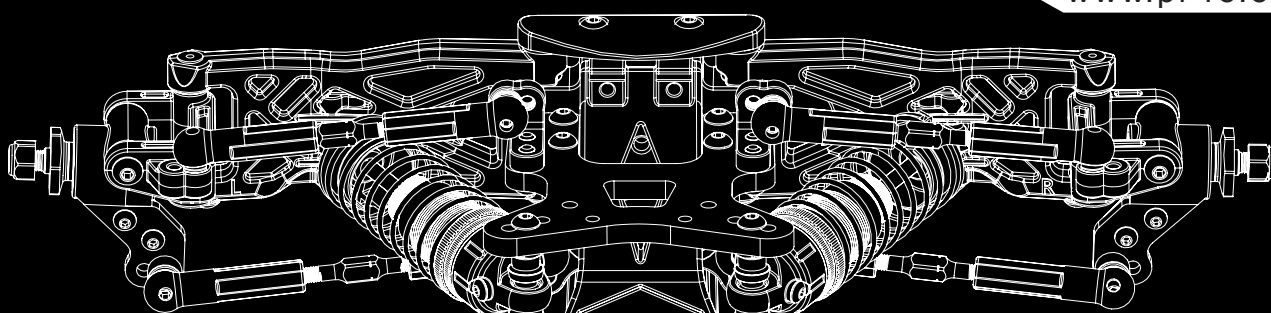


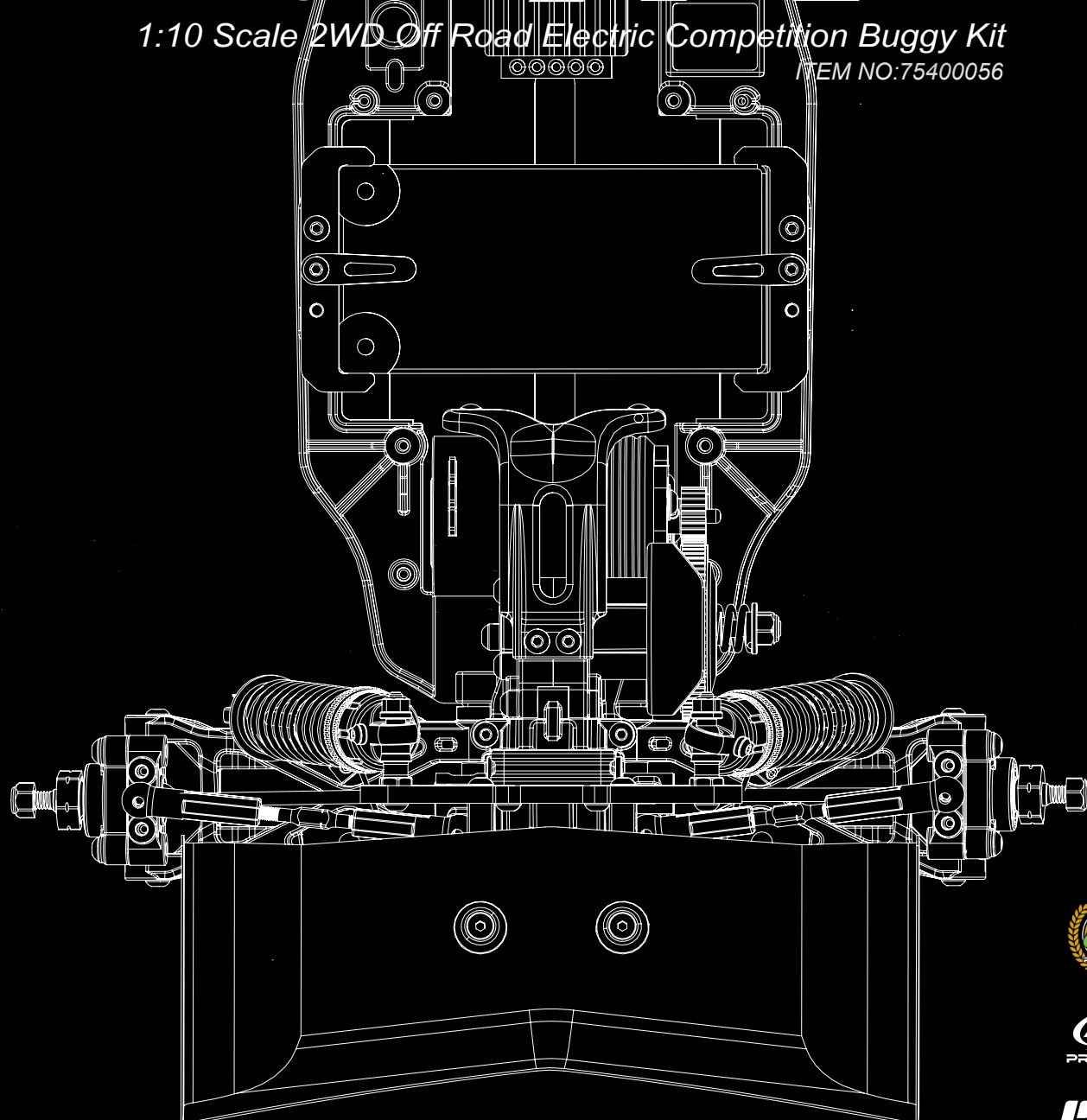


PRS1(FM)

V4R

1:10 Scale 2WD Off Road Electric Competition Buggy Kit

ITEM NO:75400056



Specifications

- Length: 411mm
- Width: 248mm
- Height: 145mm
- Wheelbase: 280mm
- Front track: 248mm
- Rear track: 248mm
- Weight: 1420-1510g
- 12.8mm big-bore oil-filled shocks
- 3 Gear box with 3-gear transmission
- Metal gear differential
- Dual pad slipper clutch
- Complete sealed ball bearing set
- 12mm hex fit wheels
- Metric socket screw (Hex Screws)

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 shorty battery & compatible Lipo charger
- Polycarbonate paint for bodies
- 1/10 Buggy tires, inserts and CA glue



Manual connection

#75400056

PR S1 V4 R (FM) 1/10 Electric 2WD Off Road Buggy PRO Kit (Gear Diff Version)

PR V4R FM retains the main elements of the V3R. With the V4R, we have added more chassis flex options and quick adjustment design concepts.

Battery Mounting: A change was made to the mounting arm system, which increase chassis flex and also keeps the battery retainment method of the V3R. So using the V3R battery retainer plates, chassis flex can be decreased if needed.

Battery Placement: The front to rear weight can be quickly changed by moving the battery pack forward or back with ease.

Quick adjustments: The new quick access gearbox allows for faster adjustments of gear diff and easy maintenance of ball diffs.

Chassis Design: The 3mm thick chassis has more CNC machining done to create a lighter part along with moving the the car's center of gravity to a more optimized position.

The PR V4R FM inherits the stability of the previous generation and builds on it. For those with a spare parts bank already, you will be happy to know that instead of a completely new model, we have only redesigned the parts that needed to be. This makes it very easy to upgrade your previous model with the latest parts.

PR V4R FM保留了V3R的穩定元素，在V4R這版本中我們加入了更多扭動/重心轉移及快速調整的設計理念。

首先，電池的固定改為側向，完整釋放更多的扭動效應，但也保留了V3R的電池固定方式，有二種方式可供選擇。

再來藉由可調電池前後位置，讓車體重心的調整更加多元，快速改變前後重量比。

至於快速調整的部份，則是把重點放在後齒輪箱，以往更換差速器需要拆除許多的螺絲，V4R則改為快拆式設計，針對不同場地快速更換差速器。底盤選用3mm厚度，並搭配更多的鏤空加工，不僅減少了重量更讓後齒輪箱及馬達重心再次下降。

透過更精確的計算，大幅度的降低了整體的重心並更加前移。

PR V4R FM承襲了前一代的穩定性並加以優化。為了讓一直以來的支持者能沿續更多的零件。

而不是一年就必須更換一個新的車種，又要能找出更好的設計方向。雖然花了許多時間，但我們實現了～

● BEFORE INSTALLATION	01
● BAG A	03-06
Chassis Guard Installation	
Steering Bellcranks	
Steering Servo	
● BAG B	06-11
Front Suspension	
Front Spindle (L&R) Side	
Front Suspension (L&R)	
Front Upper Turnbuckle Assembly	Rear Hud & CVA
Turnbuckle Assembly-Steering Rod	Rear Hud (L&R)
● BAG C	12-18
Gear Differential	
Transmission Assembly	
Rear Shock Stay	Rear Shock Stay
Rear Gear Box	Rear Suspension
● BAG D	19-25
Front & Rear Shock Assembly	
Front Suspension	
Rear Suspension	
Motor	
Battery Plate	
Body & Wheels	
Tires	
● SETUP SHEET	26
● SPARE PARTS & OPTIONAL PRTS	27

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.



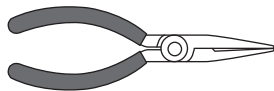
Apply oil.

- 4 This kit contains screws and hardware in 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.

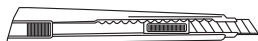
TOOLS REQUIRED

CAUTION: Handle tools carefully!

- Needle Nose Pliers



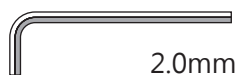
- Sharp Hobby Knife



- Hex Wrench



1.5mm



2.0mm

- Ball Differential Grease



- Screw Cement



- Grease



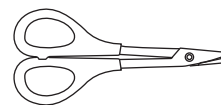
- Wire Cutters



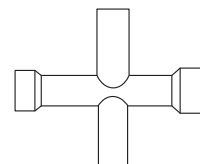
- SP Knife Edge Reamer



- Round Cutter & Sander



- Silicon Diff Oil



Cross Wrench

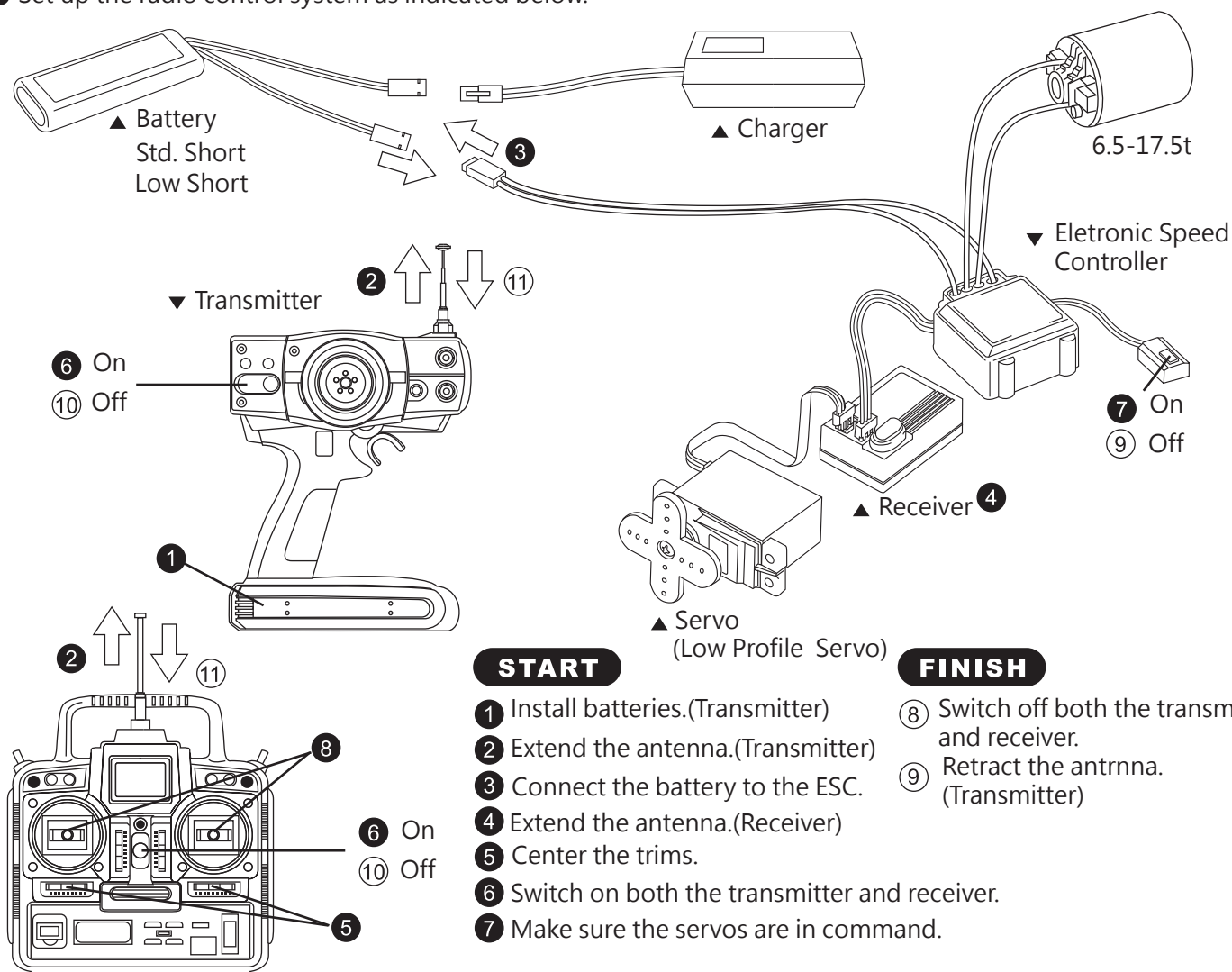
- 5.0mm-5.5mm
7.0mm

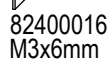
HEALTH WARNING

This model is a high performance radio controlled racing product that is designed for use on R/C car race tracks. If it is misused it could cause injury to the operator or others. Many of the items in this kit are small enough to be accidentally swallowed; therefore, it is not suitable for young children. All items, inclusive of liquids, contained in this kit are not intended for human consumption. Rotating parts of the car may cause injury if not handled with care.

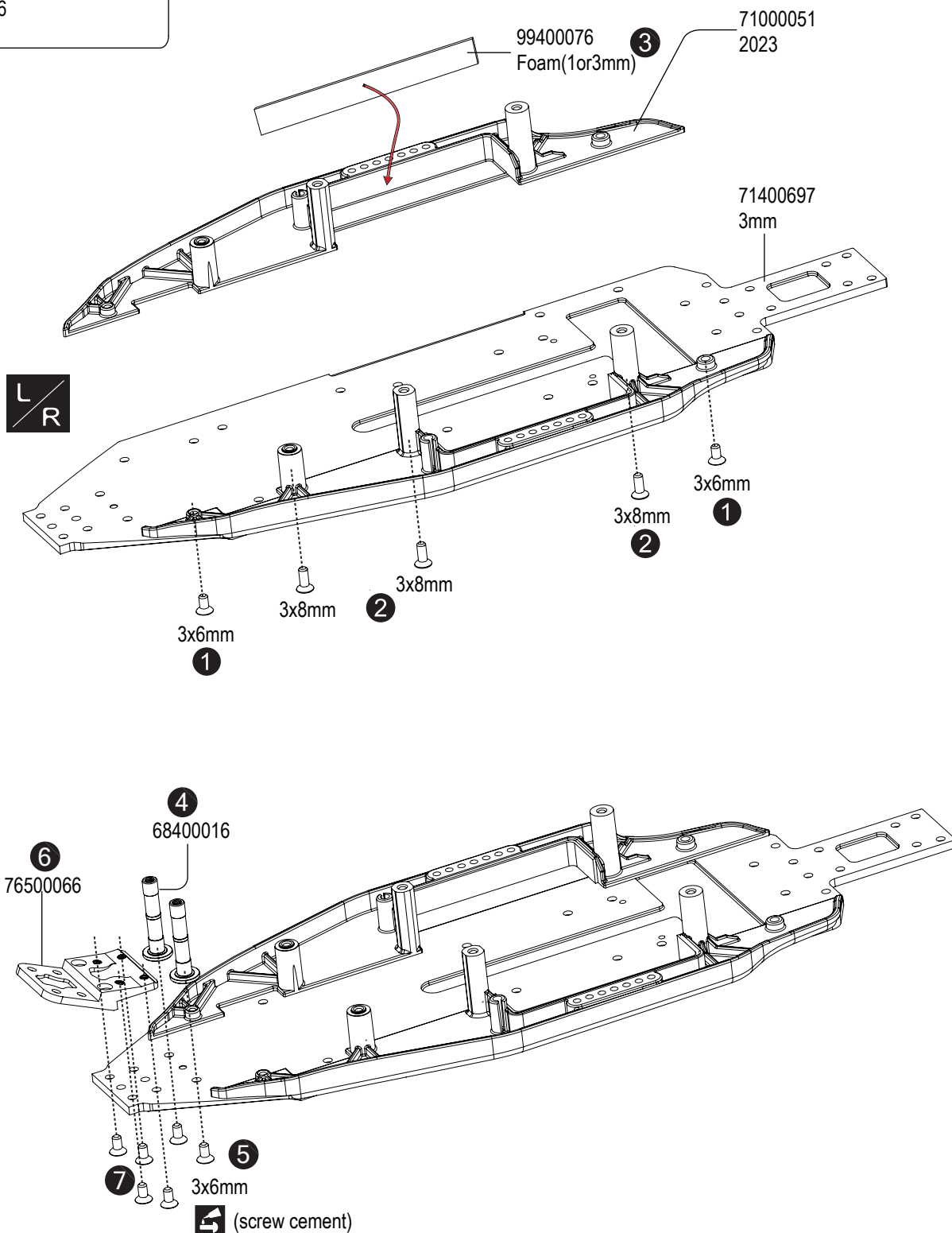
RADIO PREPARATION

- 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.



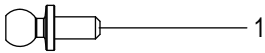


82400026
M3x8mm

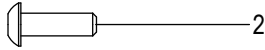




A2 Steering Bellcranks



68430036 M4.8x6mm



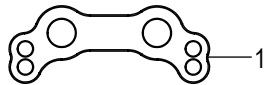
80400046 3x10mm



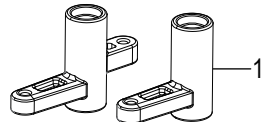
85430026 Shim 3x10x0.8mm



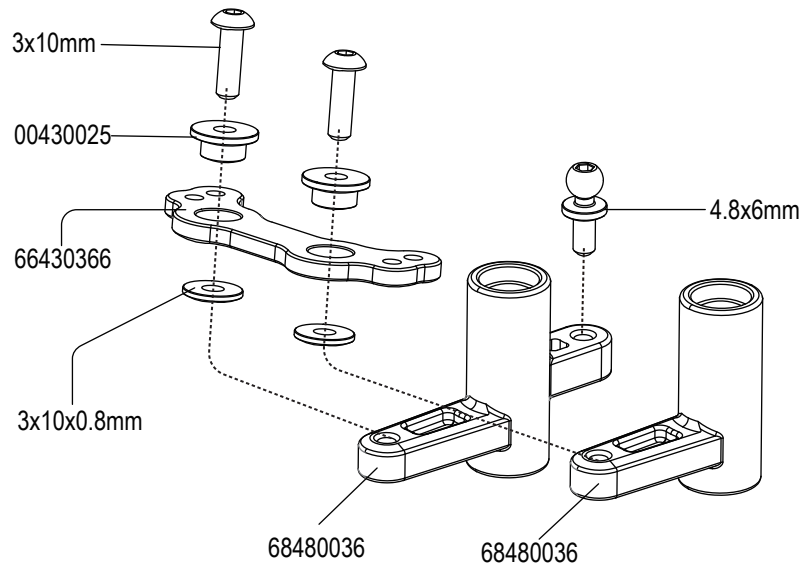
00430025
Steering Knuckle Bushing 3x6mm



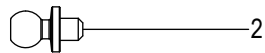
66430366
Ackerman Aluminium



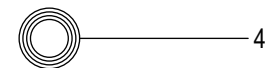
68480036
Steering Linkage



A3 Steering Bellcranks

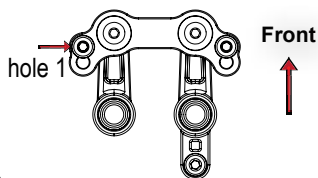


68430026
M4.8x3mm

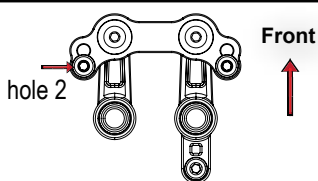


66400756
5x8x2.5mm Ball Bearing

Responsive

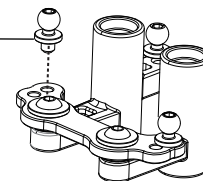


Stable



1

4.8x3mm
(screw cement)

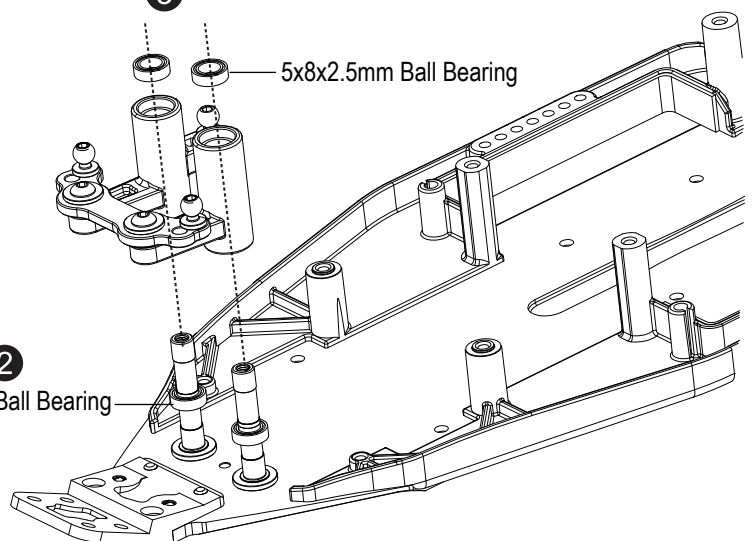


3

5x8x2.5mm Ball Bearing

2

5x8x2.5mm Ball Bearing



Part Bags used.



Apply threadlocker (screw cement)



Assemble in the
specified order

A4 Steering Servo

 1
87400096
M3x8mm Set Screw



68430086
M4.8mmx6mm Ball S

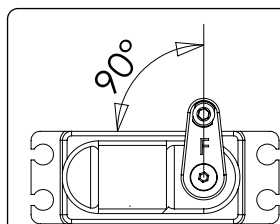
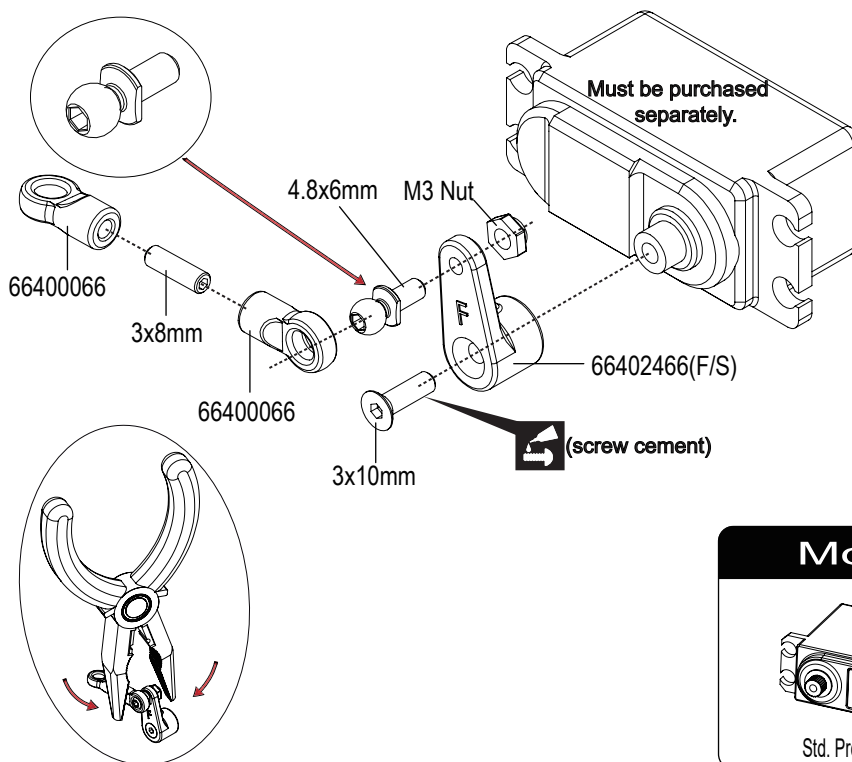
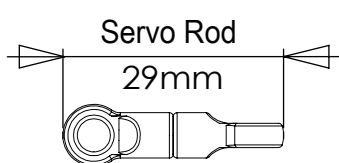


82400106 M3x10mm

 1
83400106 M3 Nut

66400036
Servo horns

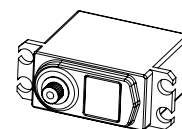
 2
66400066
Rod End



伺服機要安裝在底盤時，請先確認
伺服機的中立位置。

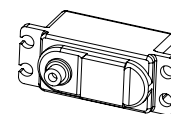
When installing the servo on the chassis, please confirm the neutral position of the servo first.

Modify



Std. Profile Servo

Stock



Low Profile Servo

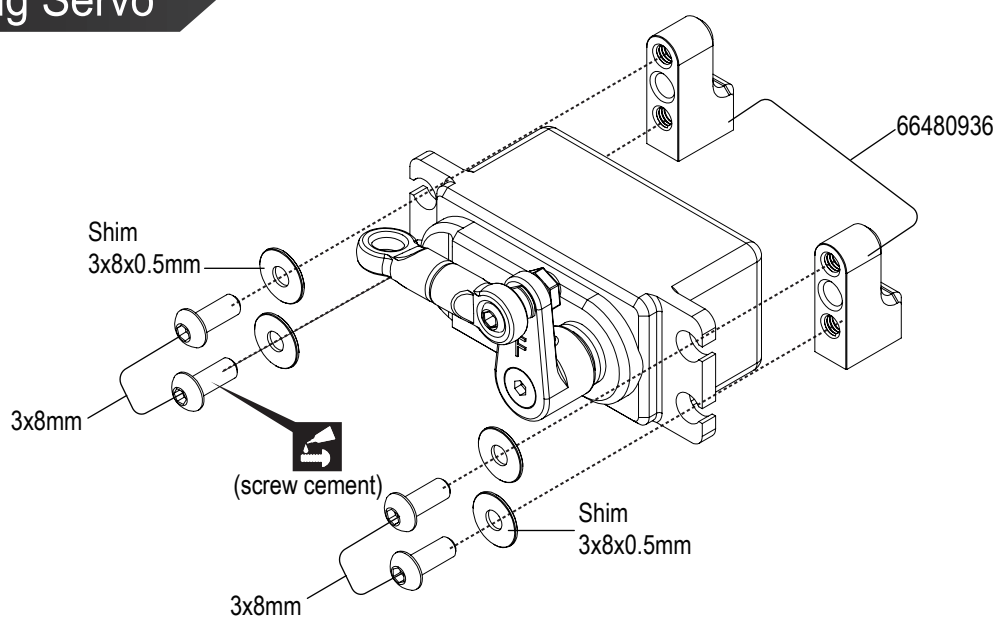
A5 Steering Servo



 4
80400036
M3x8mm

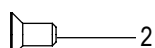
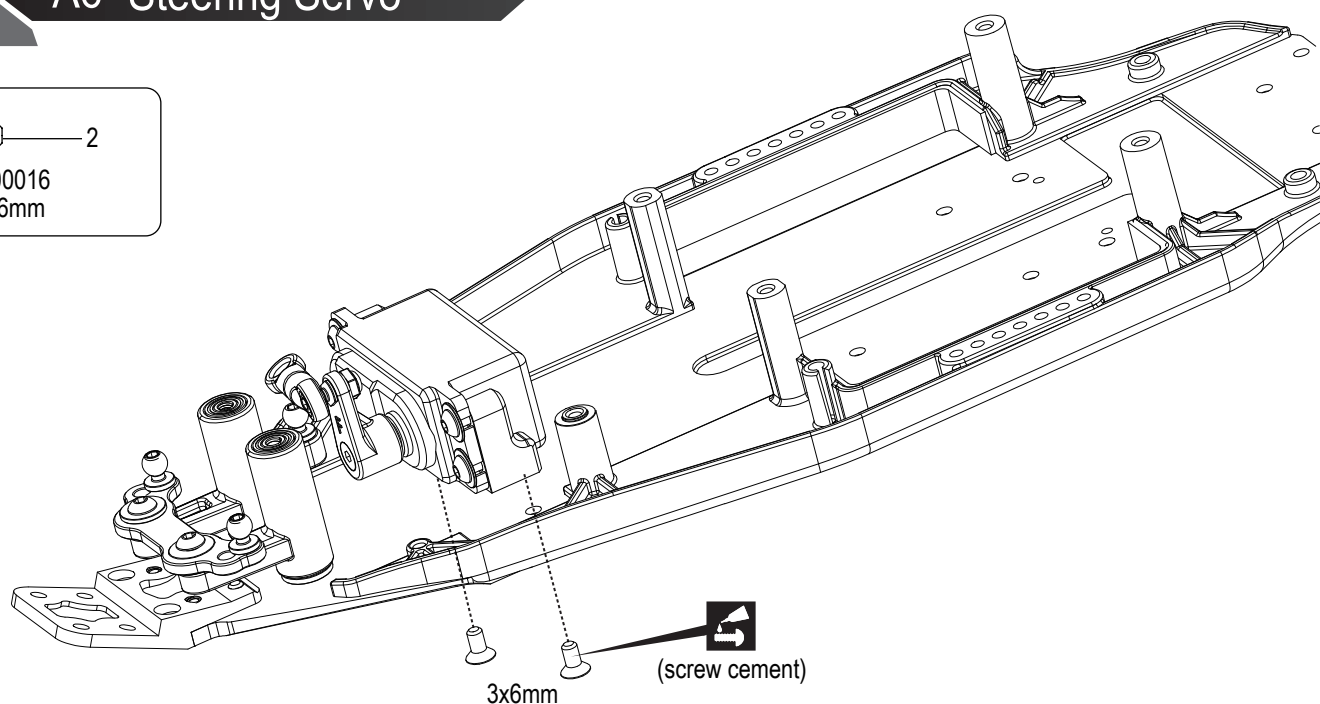
85000010
Shim3x8x0.5mm

66480936
Aluminium Servo Mount



BAG
A

A6 Steering Servo

82400016
M3x6mm

請先完成頁面A6(伺服機)在底盤上的安裝。
再前往B1頁面進行安裝。

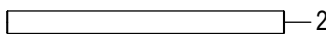
We strongly recommend installing the steering servo now
as shown in Step A6 before proceeding with Step B1.

BAG
B

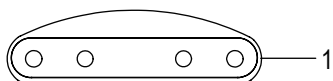
B1 Front Suspension



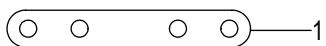
80400036 M3x8mm



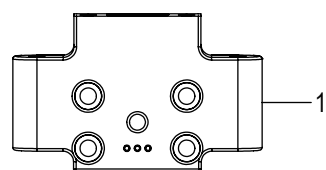
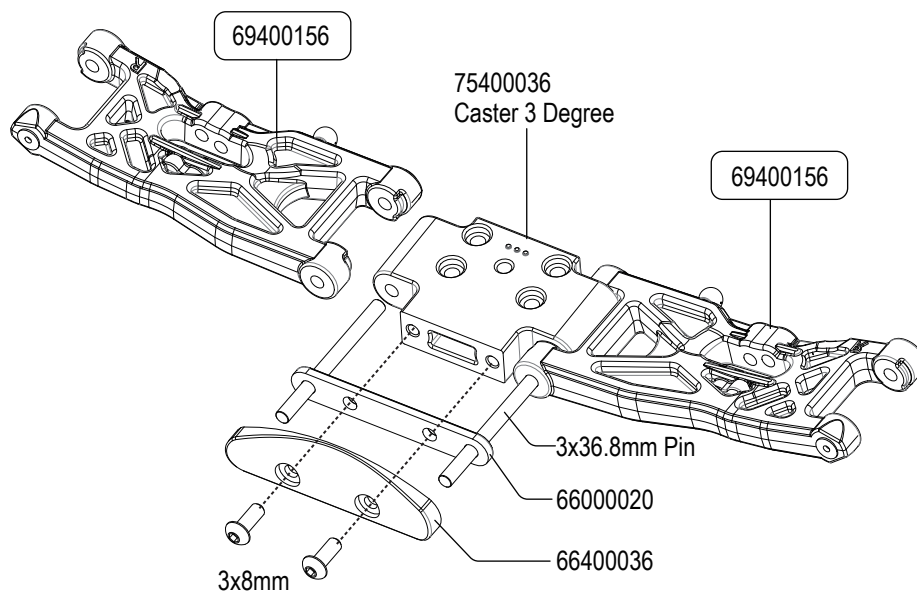
79400036 3x36.8mm Pin



66400036



66000020

75400036
Lower Swing Arm Mount

69400146

Responsive



Front Wishbone

69400156

Stable



Front Lower Gull Wishbone



Part Bags used.



Apply threadlocker (screw cement)

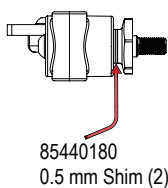


B2 Front Spindle (L&R) Side

-  4
80400186
M2.5x6mm
-  2
80400036
M3x8mm
-  2
68430086
M4.8mmx6mm Ball Studs
Lower 0.8mm
-  2
68430076
M4.8x10mm
-  2
83400106-M3 Lock Nut
-  4
66401686
Steering Screw Stepped
-  4
89430010
5x10x4mm Ball Bearing
-  4
85440180 Shim 5x8x0.5mm
-  4
85440320
Shim 3x8x0.15mm
-  2
66481337
-  2
71400699
-  1pr
66480856
-  1pr
66401876

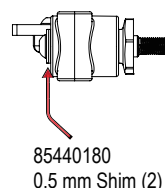
Corner Speed

Stable



85440180
0.5 mm Shim (2)

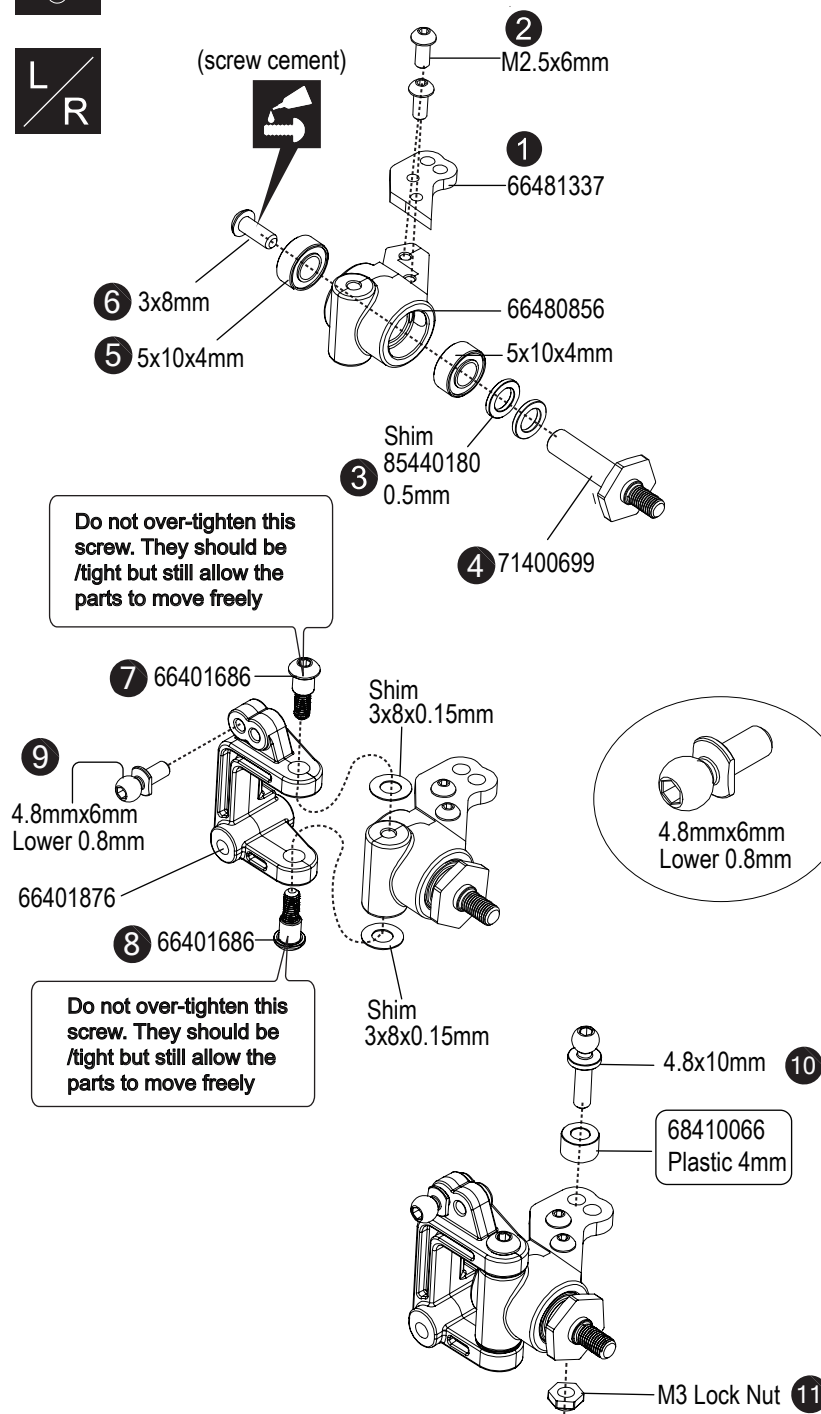
Sensitive



85440180
0.5 mm Shim (2)



(screw cement)



IMPORTANT

For the threading of plastic parts... "Pre-thread holes before installing steering hub."



BAG
B

B3 Front Suspension (L&R)



79400026 — 2

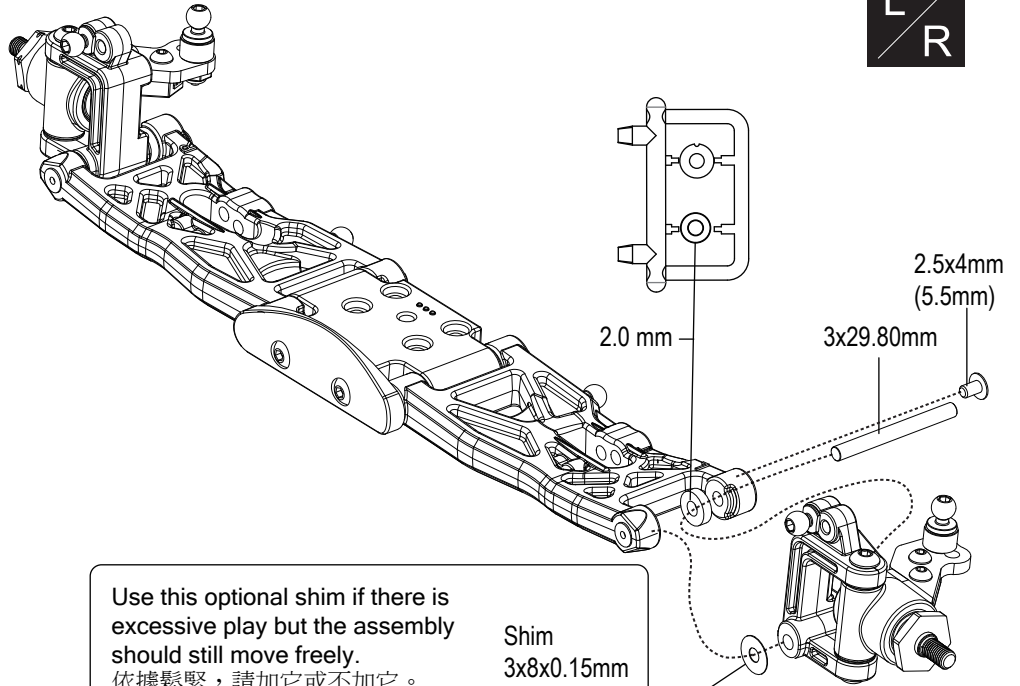
3x29.80mm

80400016 — 2

M2.5x4mm(5.5mm)

85440320 — 2

Shim 3x8x0.15mm



Use this optional shim if there is excessive play but the assembly should still move freely.
依據鬆緊，請加它或不加它。

Shim
3x8x0.15mmBAG
B

B4 Front Shock Stay

82400046 M3x14mm — 4

82400026 M3x8mm — 2

80400036 M3x8mm — 4

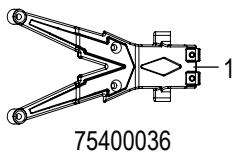
80400046 M3x10mm — 4

68430046 M4.8x8mm — 2

85440311 3x6x2mm Silver Aluminum Spacer — 2

66481176 — 1pr

94500015 — 1



75400036



Do not over tighten

3 3x8mm

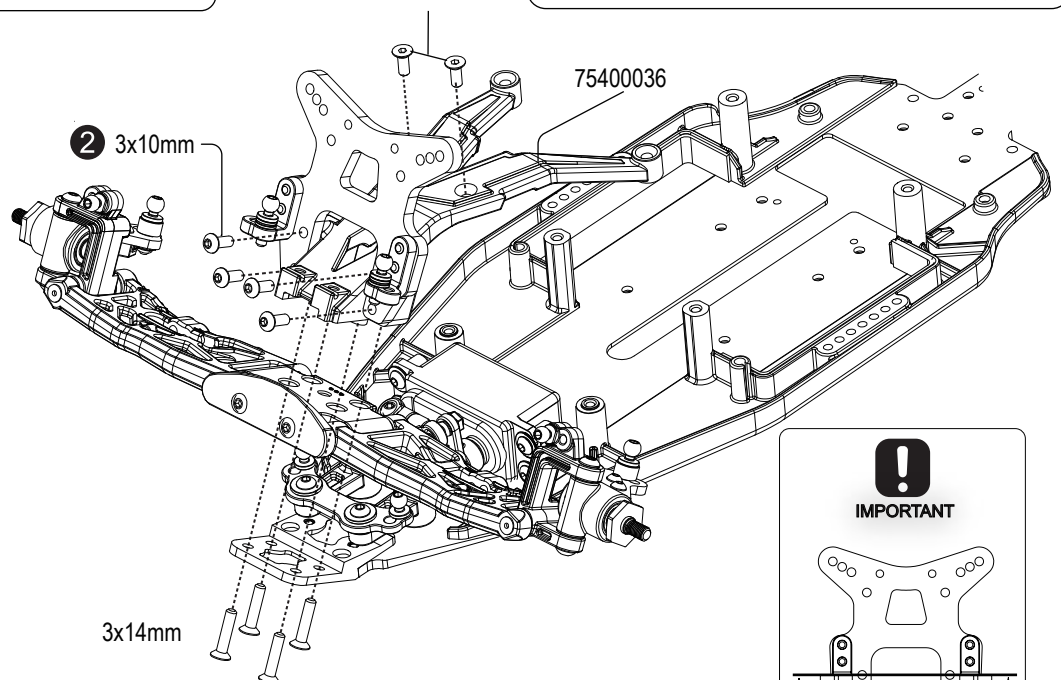
4.8x8mm

85440311
2mm

66481176

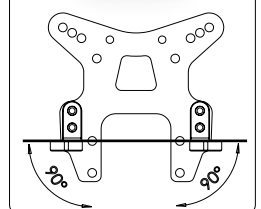
94500015

1



3x14mm

! IMPORTANT



Part Bags used.

Assemble left and right
sides the same way.

Do not over tighten

Assemble in the
specified order



BAG
B

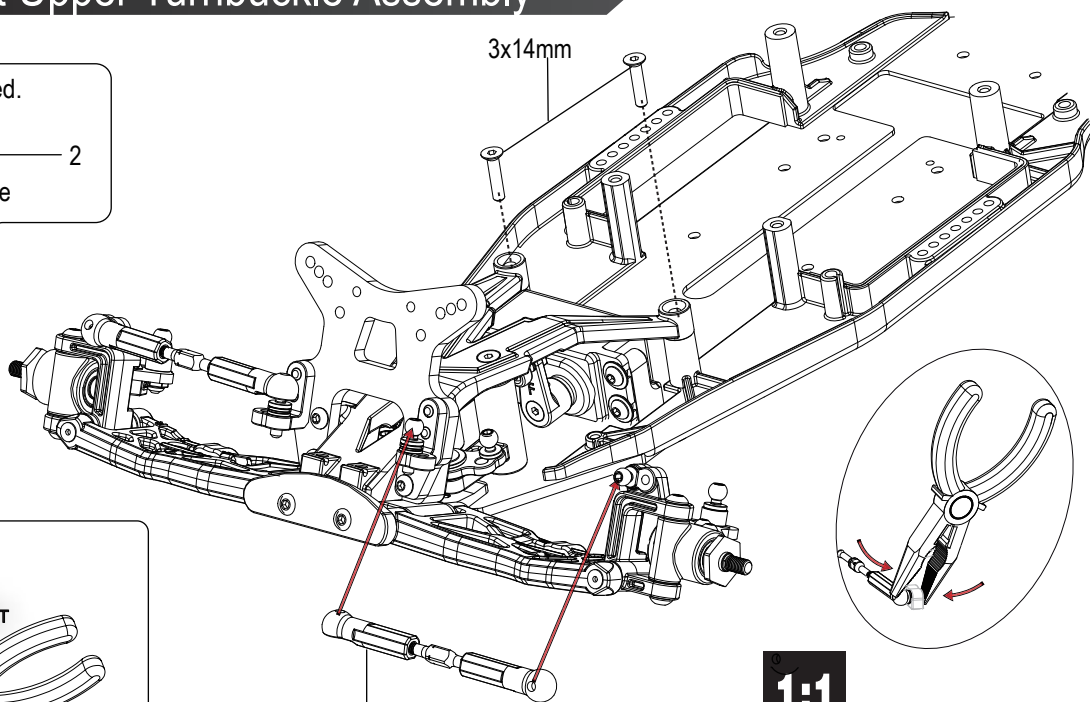
B5 Front Upper Turnbuckle Assembly

One side is reverse threaded.

66400346 36mm Turnbuckle 2

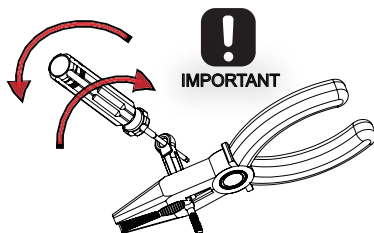
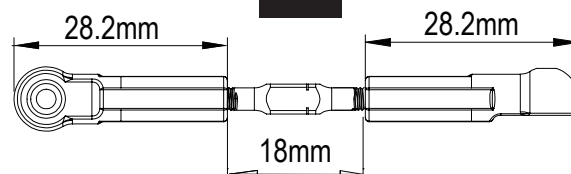
82400046 M3x14mm 2

66400066 28.2mm Rod End 4



66400066

1:1



Thread and unthread the turnbuckle into the plastic rod end a few times to allow easier adjustment after assembly.

BAG
B

B6 Turnbuckle Assembly-Steering Rod

One side is reverse threaded.

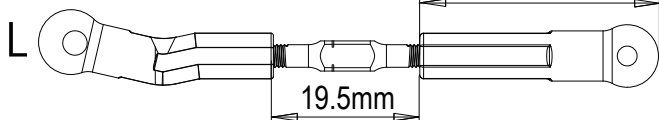
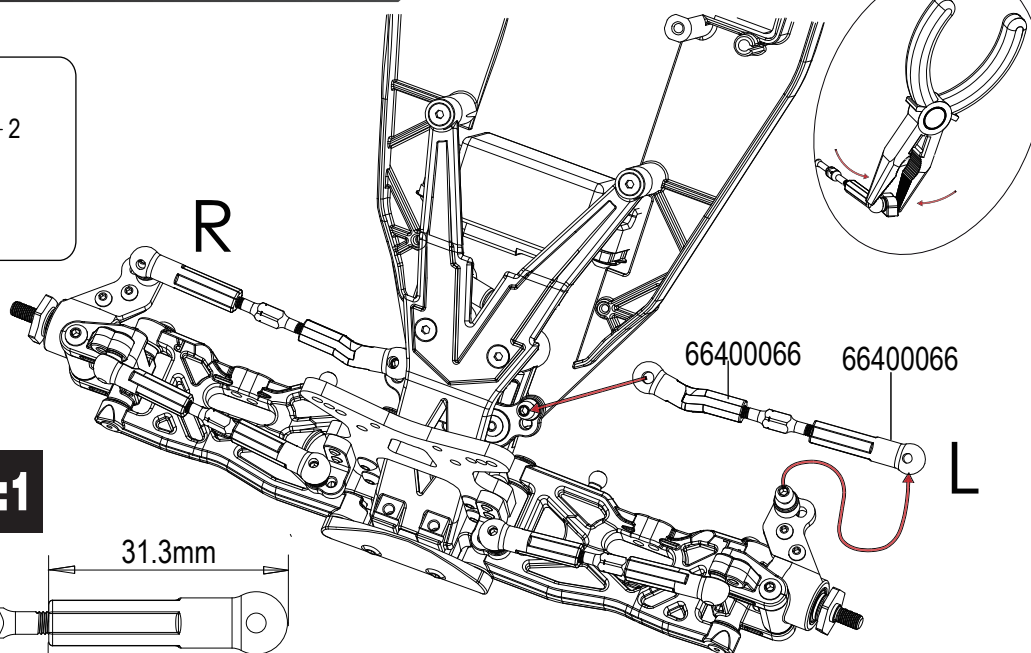
66400346 36mm Turnbuckle 2

66400066 31.3mm Rod End 2

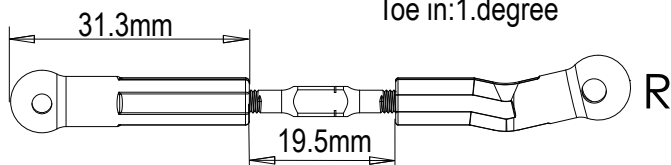
66400066 L 1

66400066 R 1

1:1



Toe in: 1. degree



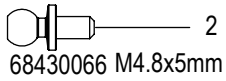


B7 Rear Hub & CVA

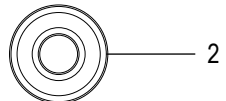
BAG
B



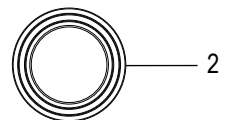
4
80400056 M3x14mm



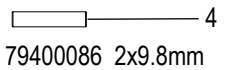
2
68430066 M4.8x5mm



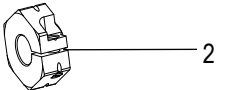
2
89430020
5x13x4mm Ball Bearing



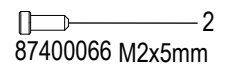
2
89430030
10x15x4mm Ball Bearing



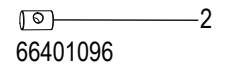
4
79400086 2x9.8mm



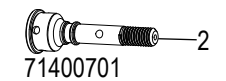
2
68440095 (Kit)



2
87400066 M2x5mm



2
66401096



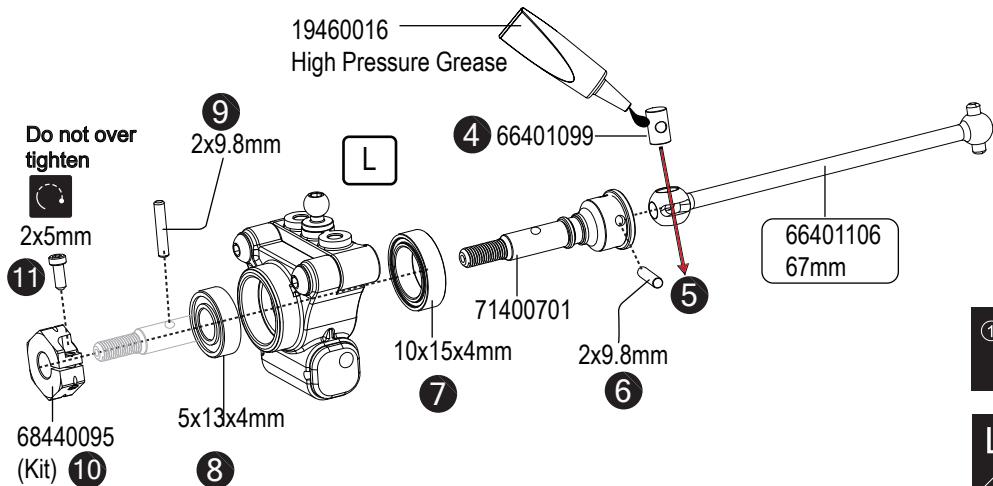
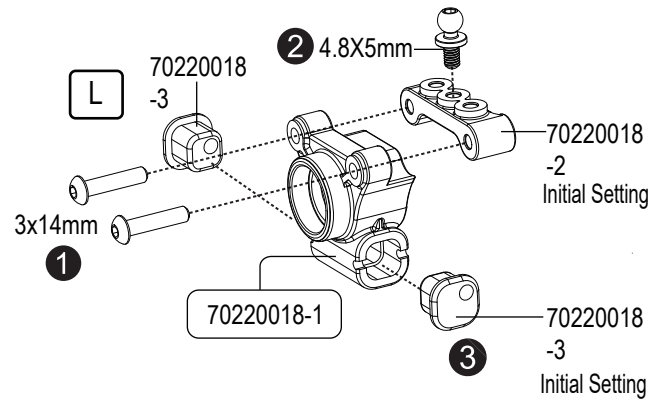
2
71400701



IMPORTANT

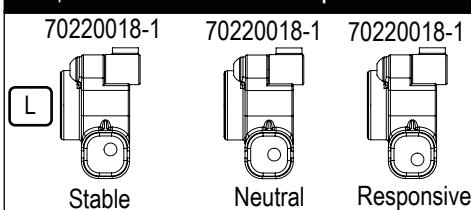


Remnant cut off



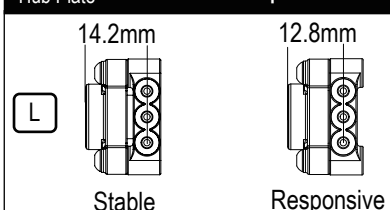
Suspension Insert

Corner Speed



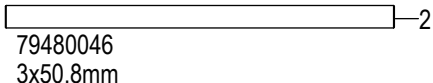
Hub Plate

Corner Speed

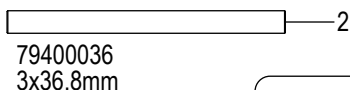


B8 Rear Hub (L&R)

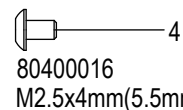
BAG
B



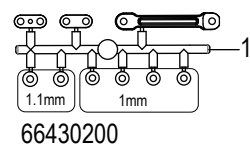
2
79480046
3x50.8mm



2
79400036
3x36.8mm



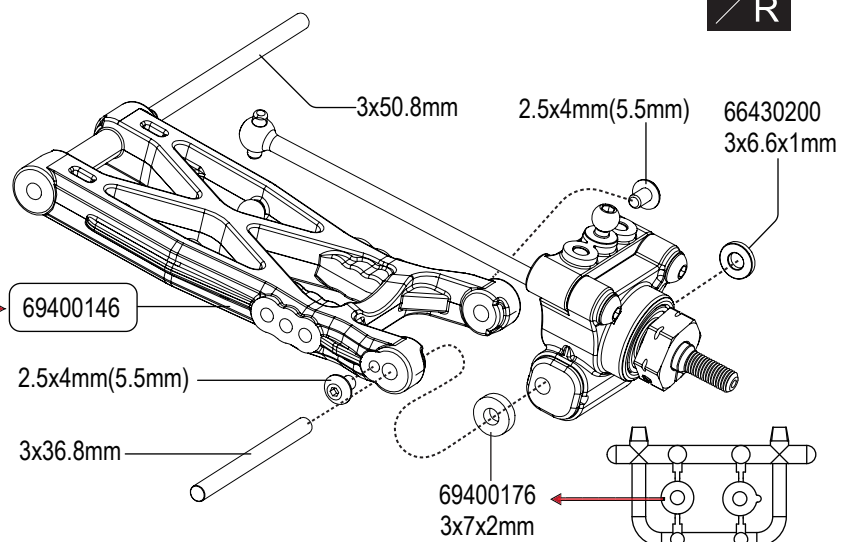
4
80400016
M2.5x4mm(5.5mm)



1
66430200

IN B1 BAG

Front



Part Bags used.

Assemble left and right sides the same way.

Do not over tighten

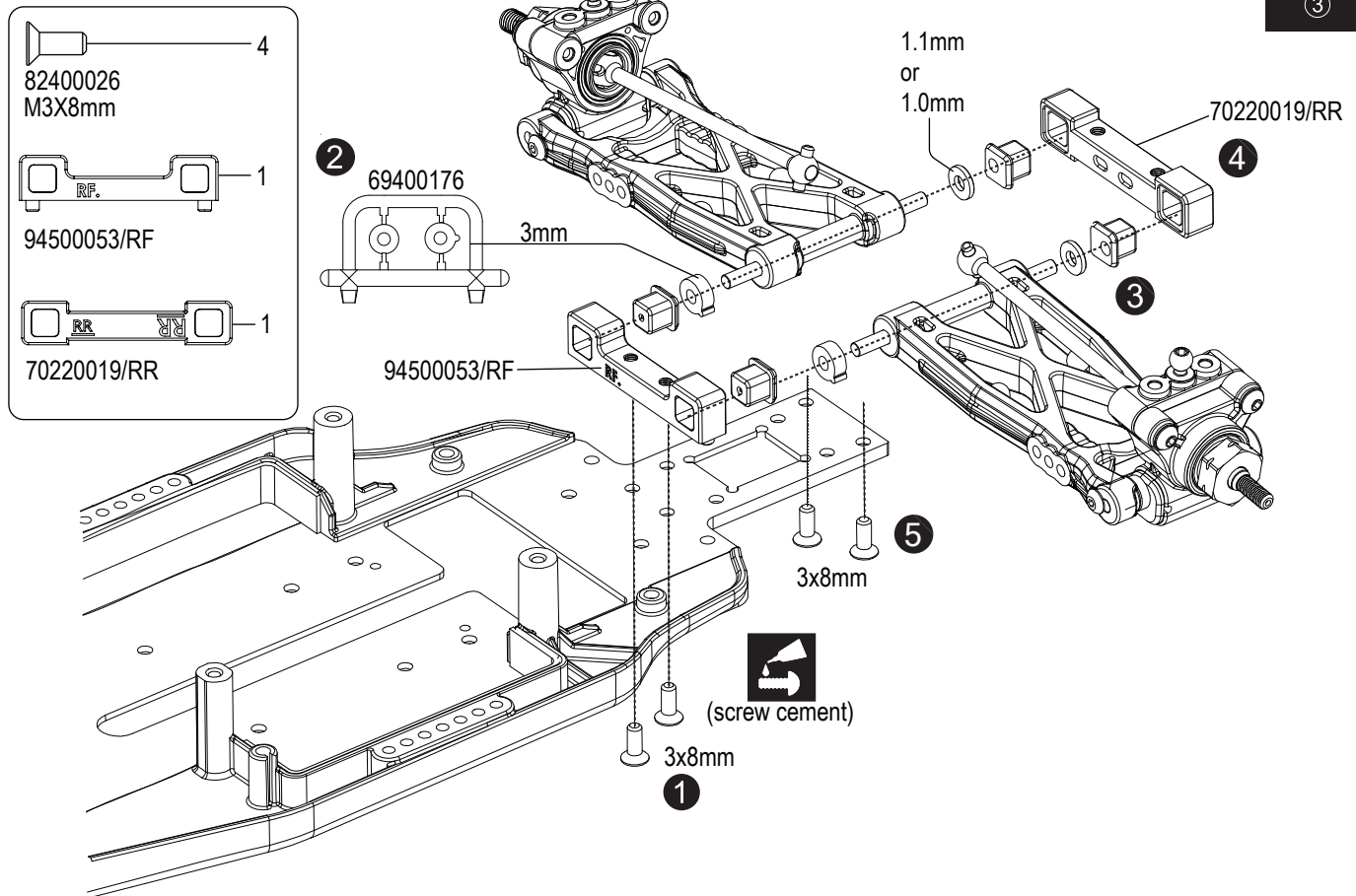
Assemble in the specified order



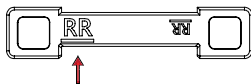
BAG
B

B9 Rear Suspension

V4RFM



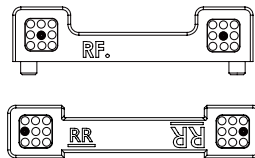
ANTI-SQUAT +1 degree



Initial Setting

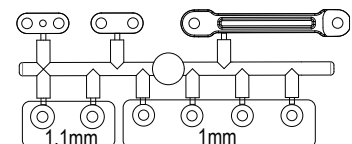
TOE IN
+2.5

SQUAT
+1.5



Wishbone Shim selection

66430200



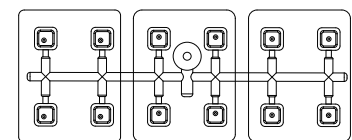
ANTI-SQUAT degrees

ANTI-SQUAT degrees		SQUAT
RF	RR	
		0
		+0.5
		+1.5
		+2
		+2.5

TOE IN degrees

RF	RR	TOE
		+3
		+2.5
		+2
		+1.5
		+1

77500156



Use combinations of these 3 inserts to adjust ANTI- SQUAT and TOE IN





C1 Gear Differential

4
80000021
M2.5x8mm

2
85440170
5x8x0.8mm Shim

2
31450016 O-ring

4
85440160
4x10x0.15mm Shim

2
85400016 3.5mm
E-Clip

2
66480356

2
66480336 14T

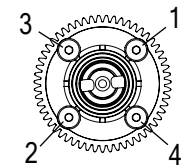
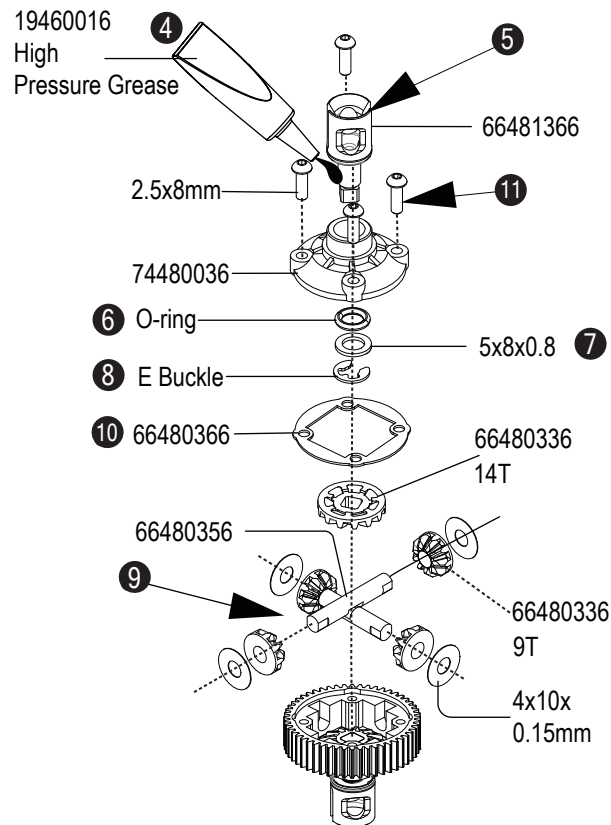
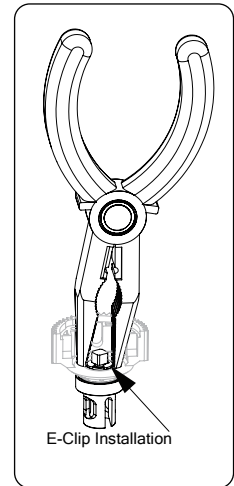
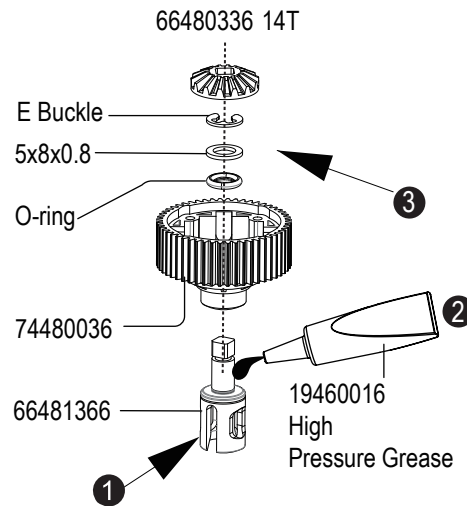
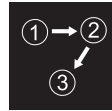
4
66480336 9T

2
66481366

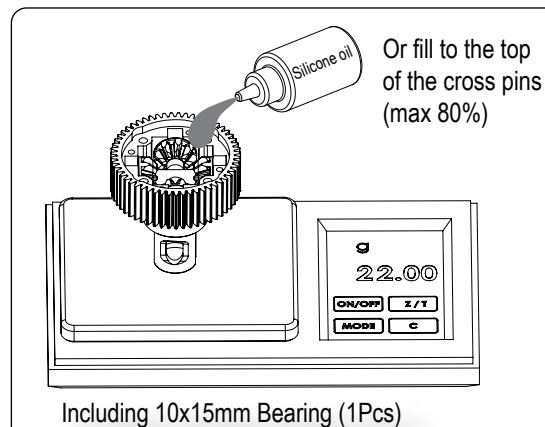
1
66480366

1
74480036

2
89430030
10x15x4mm Ball Bearing



Finish tightening in
this order.



Including 10x15mm Bearing (1Pcs)

Silicone oil

Low Traction

3000cst

Medium High Traction

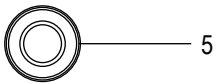
5000cst

Super High Traction

7000cst



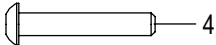
C2.1 Transmission Assembly



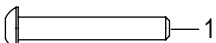
89430010
5x10x4mm Ball Bearing



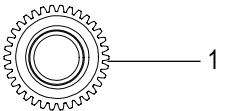
66480236-5x18mm
Aluminium Idler Shaft



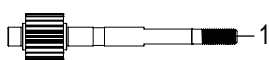
80400196
M3x18mm



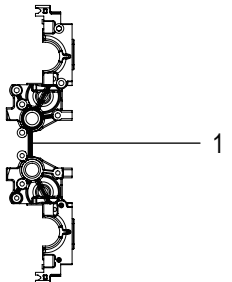
80400066
M3x20mm



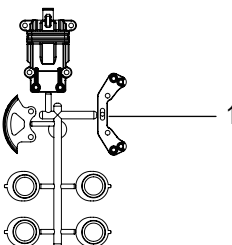
66402085
35T Alu Idler Gear



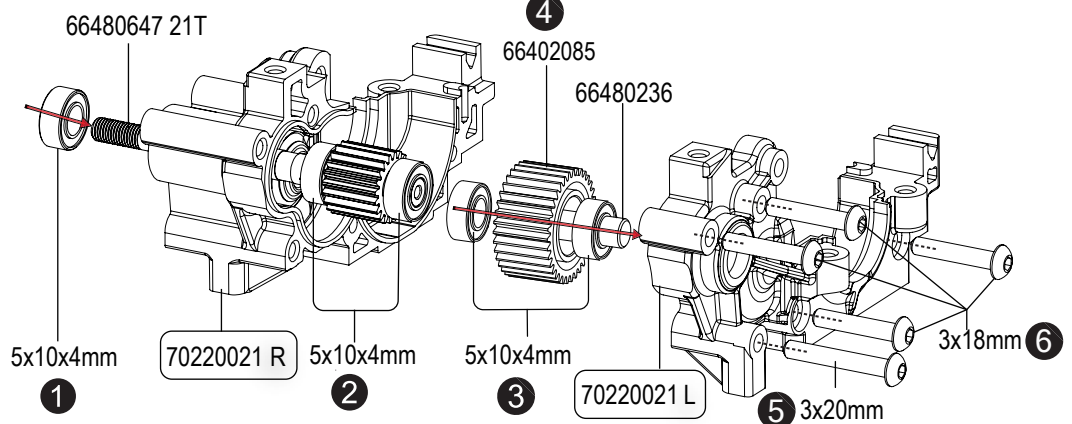
66480647 21T



70220021

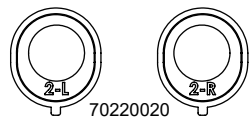


70220020



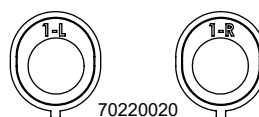
!
Tighten the screws equally
but do NOT
tighten them completely.

Carpet / High Traction



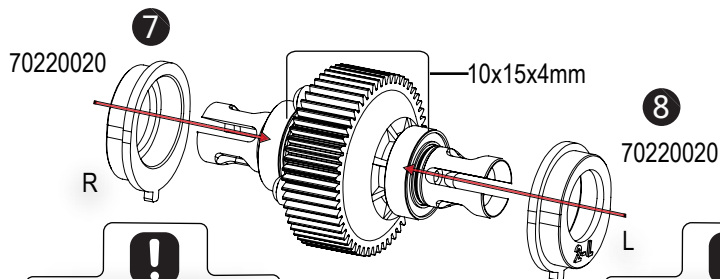
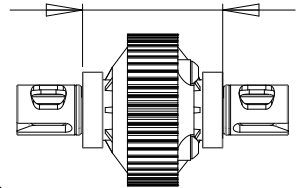
Bevel Drive Gear & Differential
Height Adjustment (Initial Setting)

Dirt / Low Traction



Bevel Drive Gear & Differential
Height Adjustment (Initial Setting)

MAX 27.9mm



!
NOTE ORIENTATION
Numbers must have
the same orientation
on each side

!
NOTE ORIENTATION
Numbers must have
the same orientation
on each side



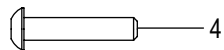
C2.2 Transmission Assembly

9

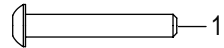
M3x3mm Set Screw

75400017

70220011 / 1.3mm



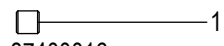
4
80400057
M3x15mm



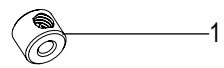
1
80400066
M3x20mm



1
82400066 M2.5x8mm



1
87400016
M3x3mm Set Screw



1
75400017
Sway Bar Stop Collar



70220011 / 1.3mm



IMPORTANT

A = B

3x15mm

11

70220020

10

2.5x8mm

94500063

19460016
High
Pressure Grease

3x20mm

12



Tighten the screws equally
but do NOT
tighten them completely.



Part Bags used.



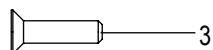
Assemble in the
specified order



Apply oil.



C3 Transmission Assembly



82400036
M3x12mm



83400036-M4 Lock Nut



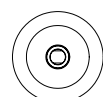
66402696
S1 support piece



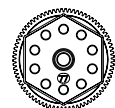
66402666
S1 Slipper Spring



94500036
PRS1V4
Carbon Motor Plate



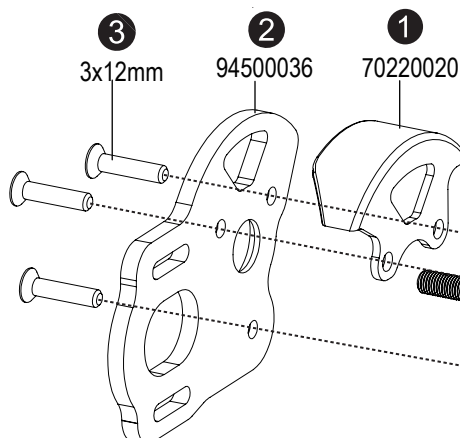
66400466
Vented Slipper Plate



66480596
77T



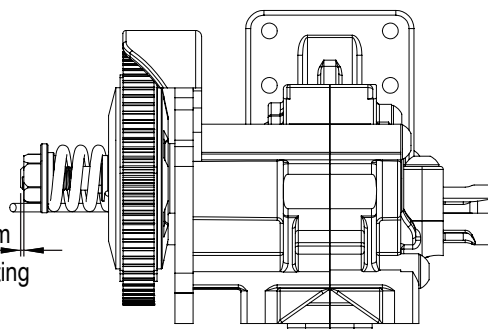
74430016
Vented Slipper Plates



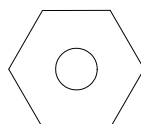
Tighten the lock nut for
the slipper spring to
0mm for first drive.
Adjust according to track
conditions and motor turn.

5

0.5-1.0mm
Initial Setting



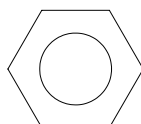
Carpet / High Traction



66480306
11mm

Slipper Pad — 2

Dirt / Low Traction



68430016
19mm

Slipper Pad — 2

M4
Lock Nut

66402696

66402666

66400466

Slipper
Pad

66480596

66480306

77T 11mm 74430016



4

Assembly Video





BAG
C

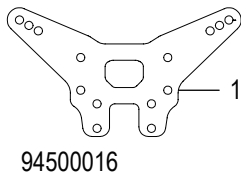
C4 Rear Shock Stay

68430046
M4.8x8mm Ball Studs

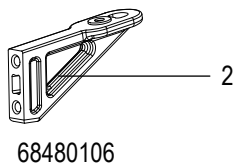
80400046
M3x10mm

82400036
M3x12mm

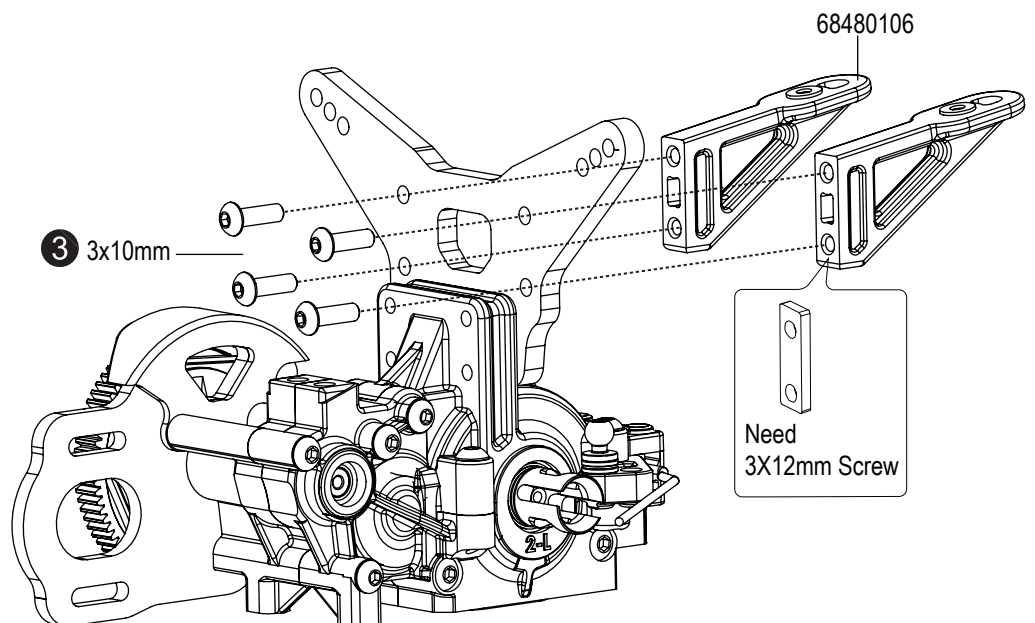
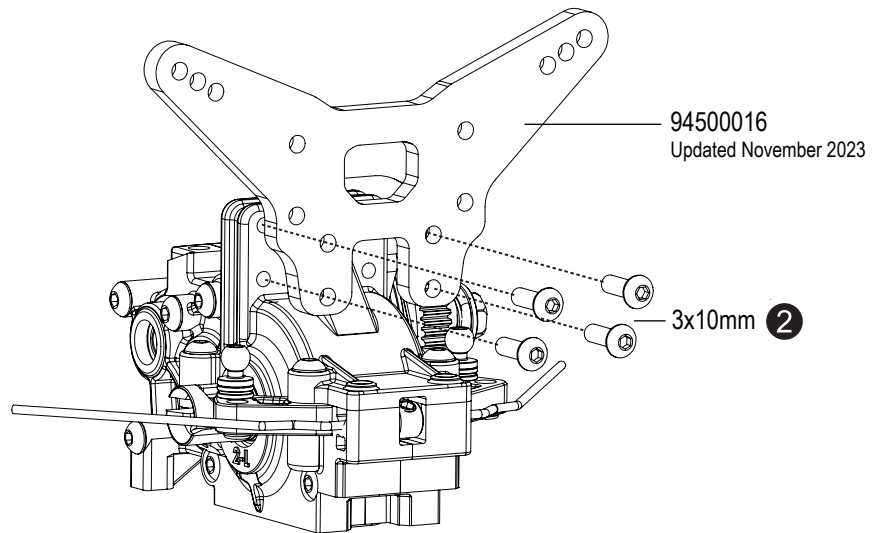
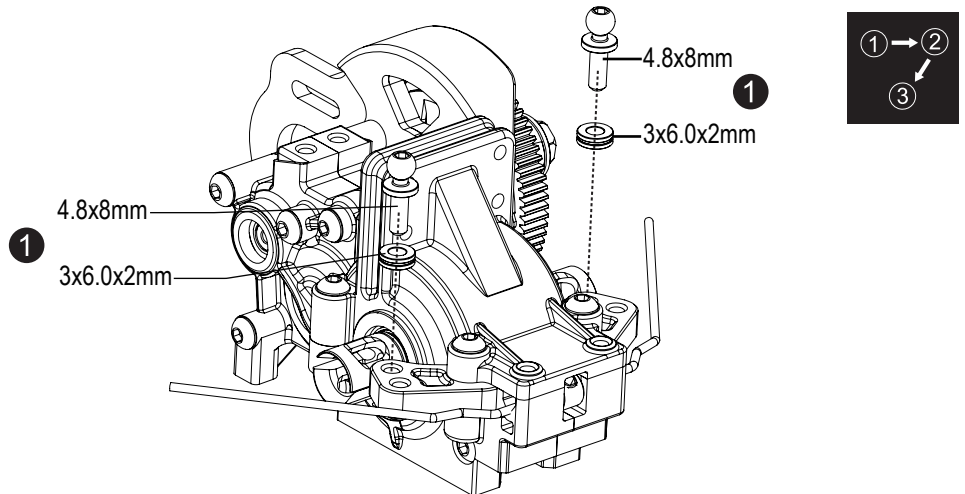
85440311
3x6.0x2mm Aluminum Spacer



94500016



68480106



Part Bags used.



Assemble in the
specified order



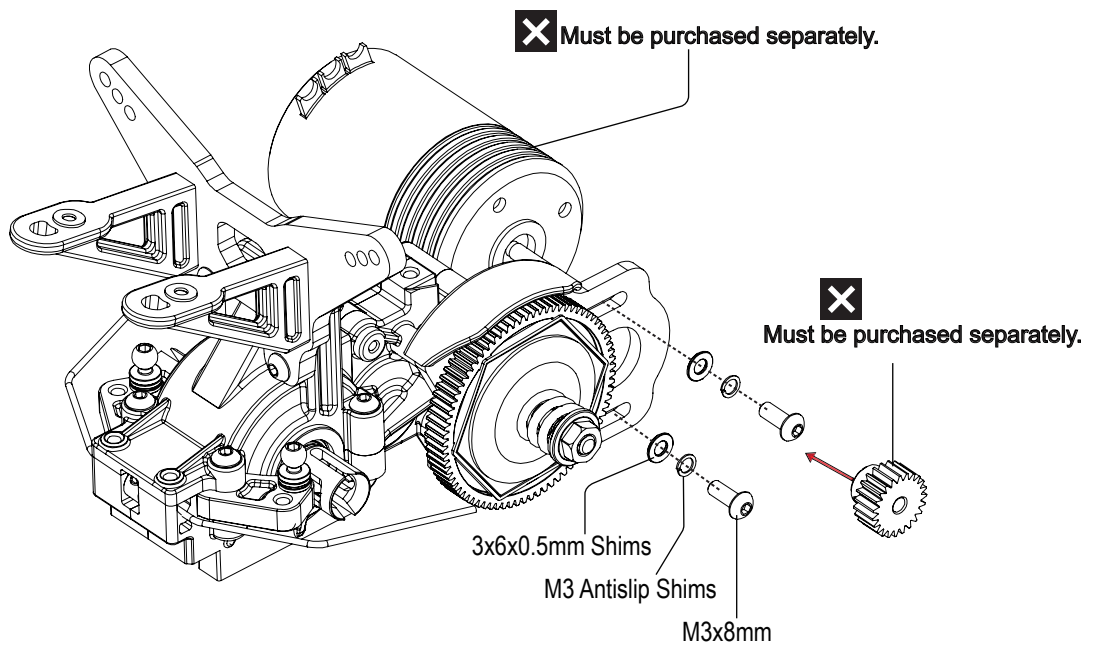
C5 Rear Gear Box

齒輪箱裝入底盤時 請先完成馬達安裝。
 Note: complete installation of the motor to the gearbox before installing gearbox to chassis.

 2
 80400036
 M3x8mm

 2
 85440301
 3x6x0.5mm Shims

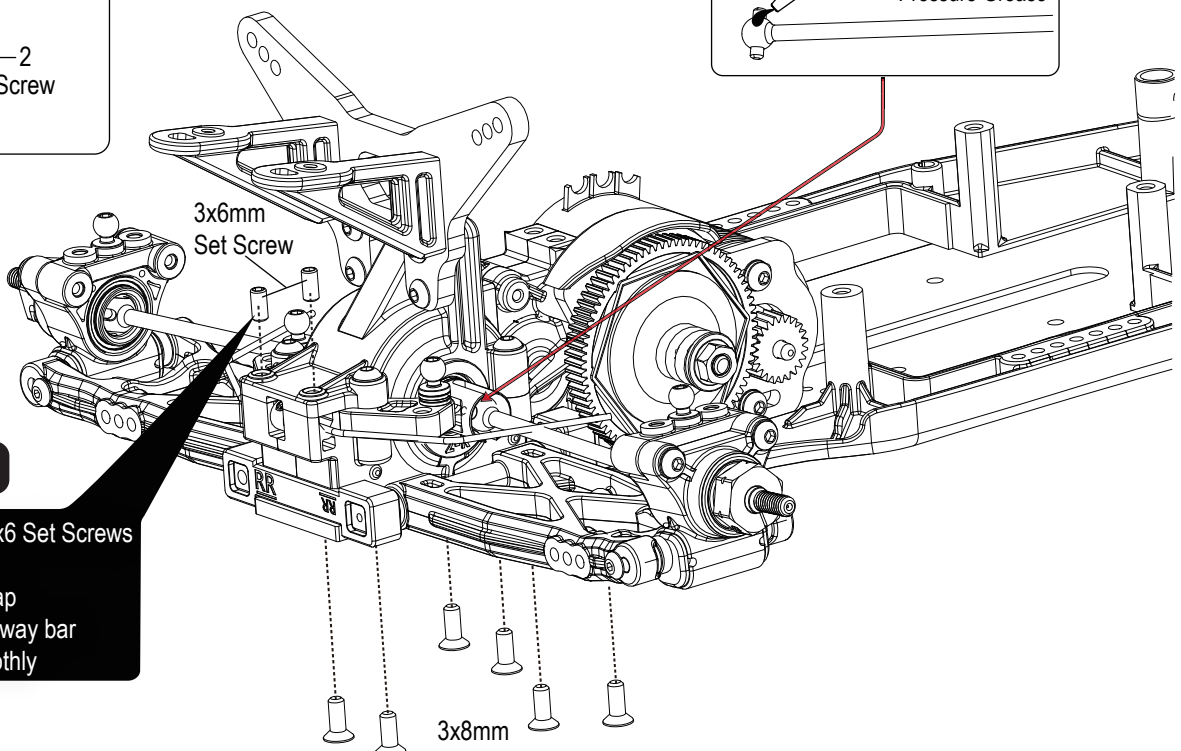
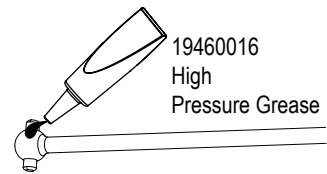
 2
 85440240
 M3 Antislip Shims



C6 Anti-Roll bar Balls

 6
 82400026 M3x8mm

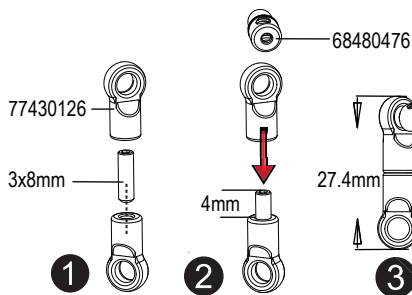
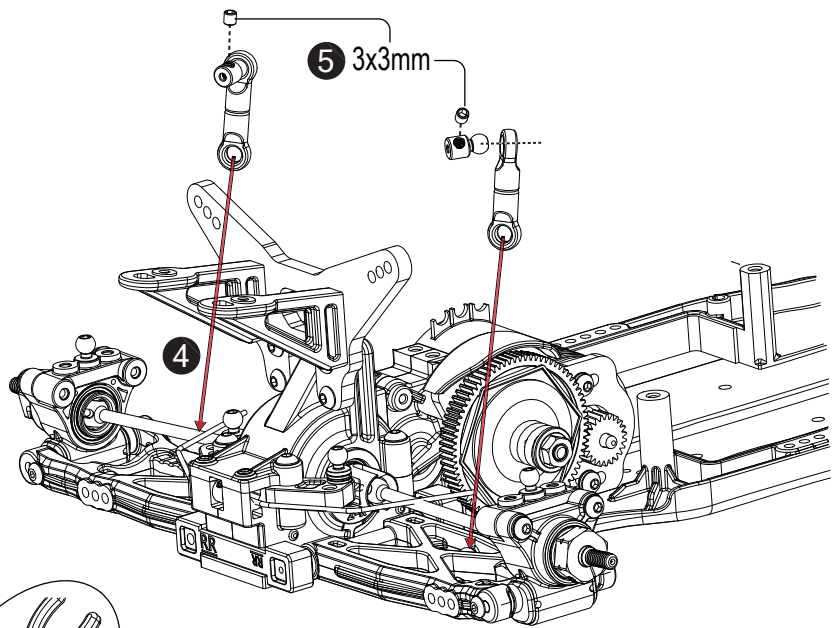
 2
 M3x6mm Set Screw
 78400026





C7 Anti-Roll Bar Balls

-  2
87400096
Set Screw 3x8mm
-  2
68480476
Anti-Roll bar Balls 1.7mm
-  4
77430126
-  2
87400016
Set Screw 3x3mm



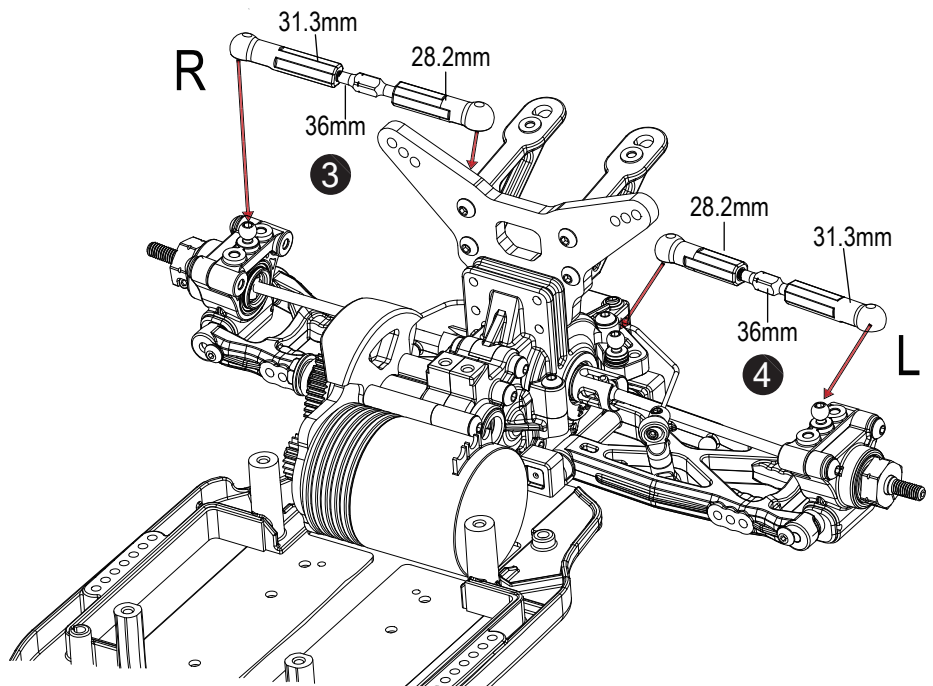
x2



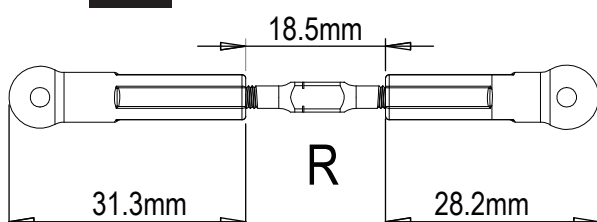
C8 Rear Upper Rod-Turnbuckle Assembly

One side is reverse threaded.

-  2
66400346
36mm Turnbuckle
-  2
66400066
28.2mm Rod End
-  2
66400066
31.3mm Rod End

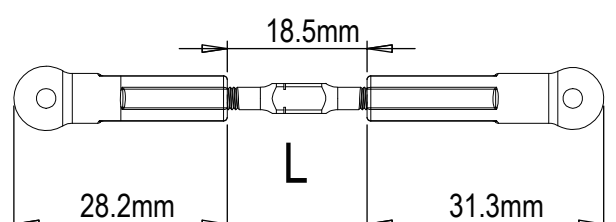


1:1



1

2



Part Bags used.



Note the direction. One side is reverse threaded.



Assemble in the specified order.



True-to-scale diagram.

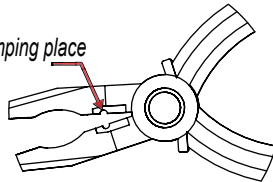


D1.1 Front & Rear Shock Assembly

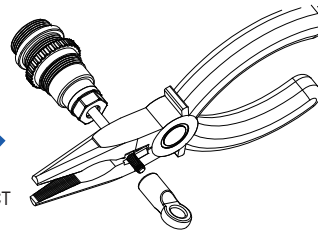


IMPORTANT

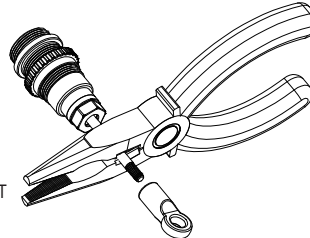
Clamping place



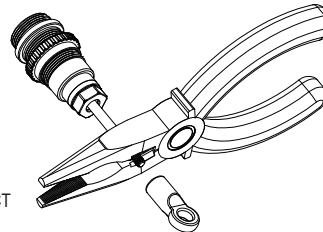
CORRECT



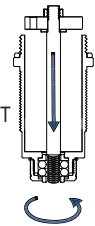
INCORRECT



INCORRECT



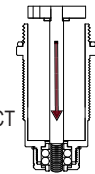
CORRECT



Twist the shock rod through the lower shock body assembly.



INCORRECT



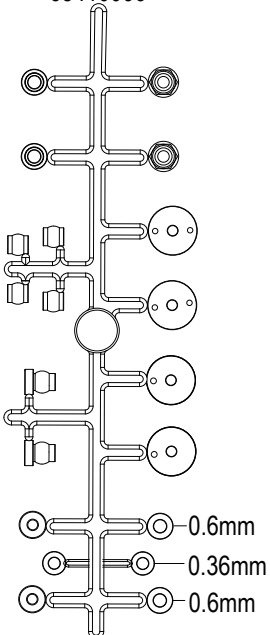
EXTREMELY IMPORTANT

Do not push the shock rod straight through the lower shock body assembly; O-ring damage may result.



Rear Buildx2
Front Buildx2
Initial setting

68410066



m2.5

Do not over tighten
(screw cement)

1



83400066-m2.5

17430096
1.8mmx2 hole
Machined Shock Pistons



85440070-2.6x6x0.5mm

Front-66400656

Rear-66400666

31280146 O-Rings
(14x1.2mm)

94500018 Front-12.8mm

94500019 Rear-12.8mm

2



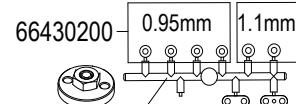
68410066
0.6mm

31430017
Transparent O-ring

68410066
0.6mm

77400116

3



Downstop Shims

Front-
Carpet / High Traction
1-2mm
Dirt / Low Traction
0mm

Rear-
Carpet / High Traction
1-2mm
Dirt / Low Traction
0mm

Thicker shim used,
Greater downstop is
achieved

66401867

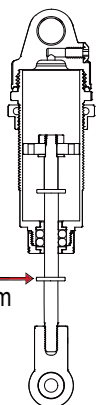
4



Front-66400066
Rear-66400066

18.5 mm

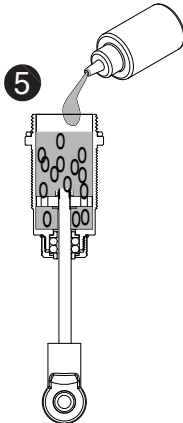
Rear Shim
1-2mm





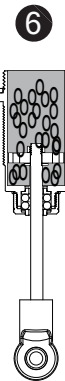
D1.2 Front & Rear Shock Assembly

Front Build x2
Rear Build x2

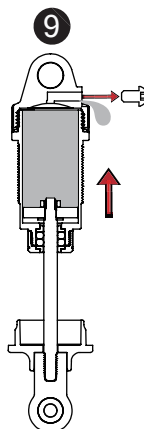
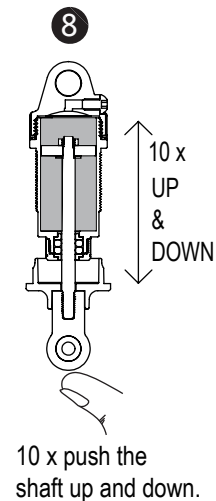
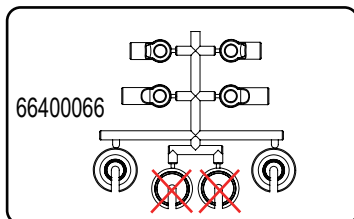
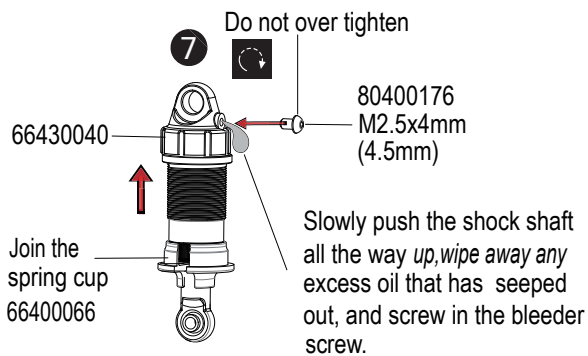


Initial Setting

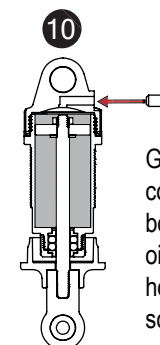
Front shocks	oil	Rear shocks	oil
↑ 20°C	500Cst	↑ 20°C	450Cst
↓ 20°C	450Cst	↓ 20°C	400Cst



Slowly move up
and
down to remove
air bubbles.



Untighten the screw.

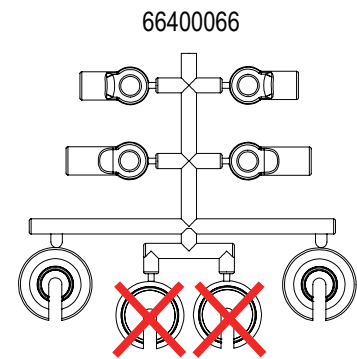
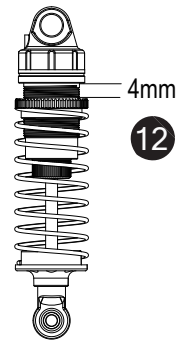
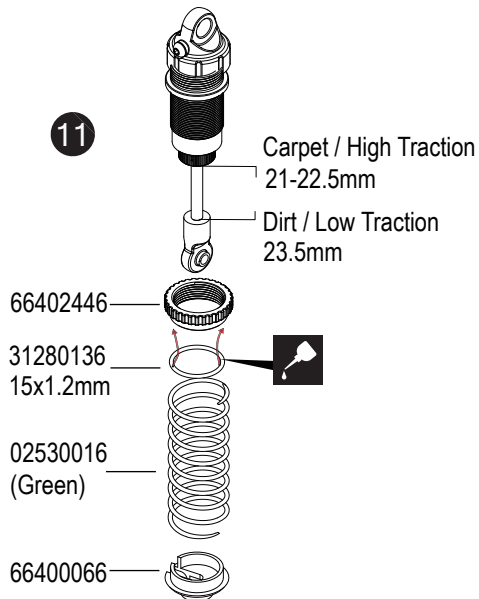


Gently push the shock shaft
completely into the shock
body. Wipe away any excess
oil that flows through the
hole in the shock cap and
screw in the bleeder screw.

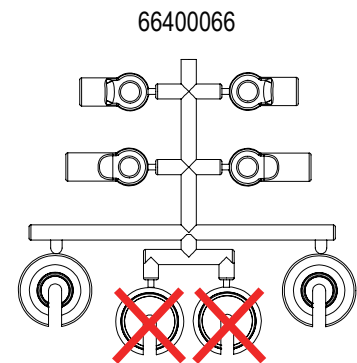
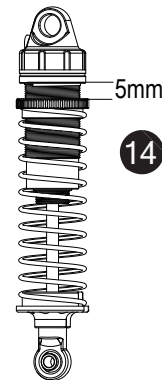
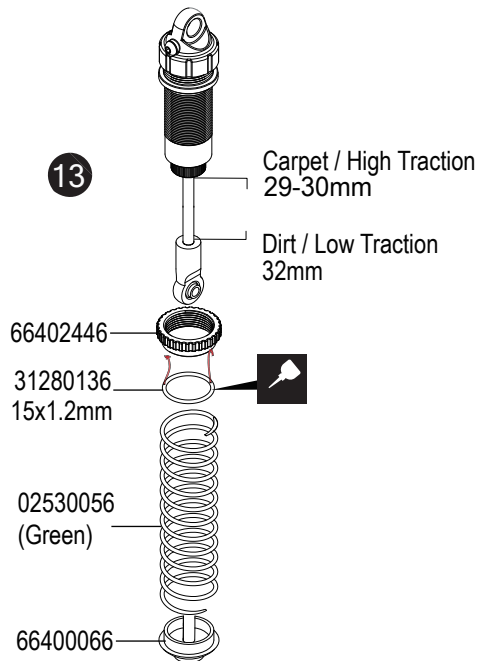


D1.3 Front & Rear Shock Assembly

Front Build x2 Initial setting



Rear Build x2 Initial setting



Option

71530016-Type R Front Shock Spring Set			
PART NO:	Color	kg mm	lbs/in
02500096	Transparent	0.053	2.97
02500106	Blue	0.058	3.25
02500146	White	0.061	3.42
02500116	Red	0.063	3.53
02500126	Yellow	0.068	3.81
02530016	Green	0.075	4.20
02530026	Black	0.080	4.48
02530036	Blue Red	0.085	4.76
02530046	White Yellow	0.090	5.04
02530116	Green Black	0.098-(RT)	5.88-(RT)

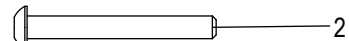
71530026-Type R Rear Shock Spring Set			
PART NO:	Color	kg mm	lbs/in
02500056	Transparent	0.030	1.80
02500066	Blue	0.035	2.10
02500136	White	0.037	2.22
02500076	Red	0.040	2.40
02500086	Yellow	0.045	2.70
02530056	Green	0.050	3.00
02530066	Black	0.055	3.30
02530076	Blue Red	0.060	3.60
02530086	White Yellow	0.065	3.90
02530126	Green Black	0.073-(RT)	4.50-(RT)



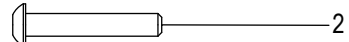


BAG
D

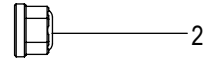
D2 Front Suspension



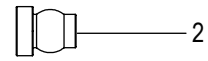
80400076 M3x25mm



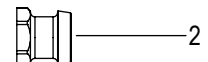
80400196 M3 x18mm



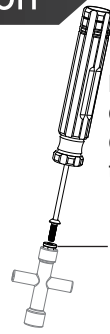
68410066 M3 Nut nylon



68410066



66400696



Before using the plastic nut, drive the screw in and out a couple times before securing the nut onto the shock seat.

M3 Nut nylon

M3 Nut nylon

68410066

66400696

3x25mm

R

L

3x18mm

Initial setting

L

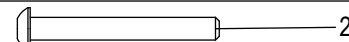


Bumpy Smooth
Surface

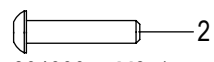


BAG
D

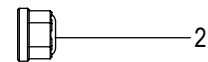
D3 Rear Suspension



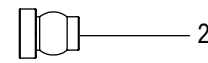
80400076 M3x25mm



80400057 M3x15mm



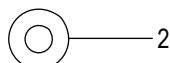
68410066 M3 Nut nylon



68410066



66400696



85440211
Shim3x8x1mm

68410066

M3 Nut nylon

3x25mm

66400696

Shim3x8x1mm

3x15mm Initial setting



Bumpy Medium Smooth
Surface



Part Bags used.



D4 Motor

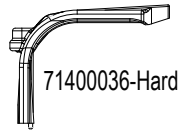


BAG
D

80400046
M3x10mm

82400026
M3x8mm

Hard Responsive



Soft Stable

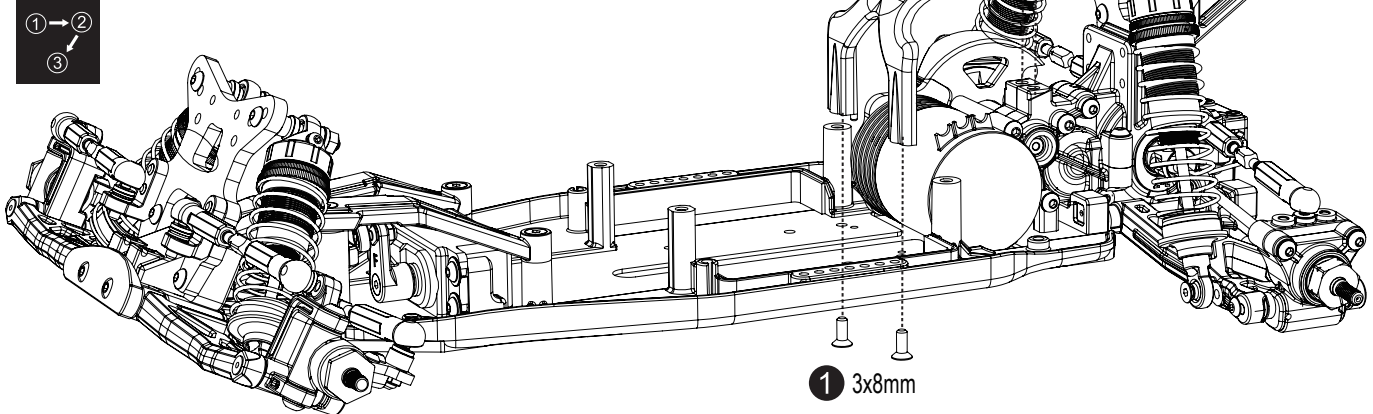


0 Stable +



2 3x10mm

1 3x8mm



D5 Battery Plate



BAG
D

80400026
M3x6mm

66400436

80400216
M3x16mm

74510016-2

80400076
M3x25mm

69440010

74510016-1

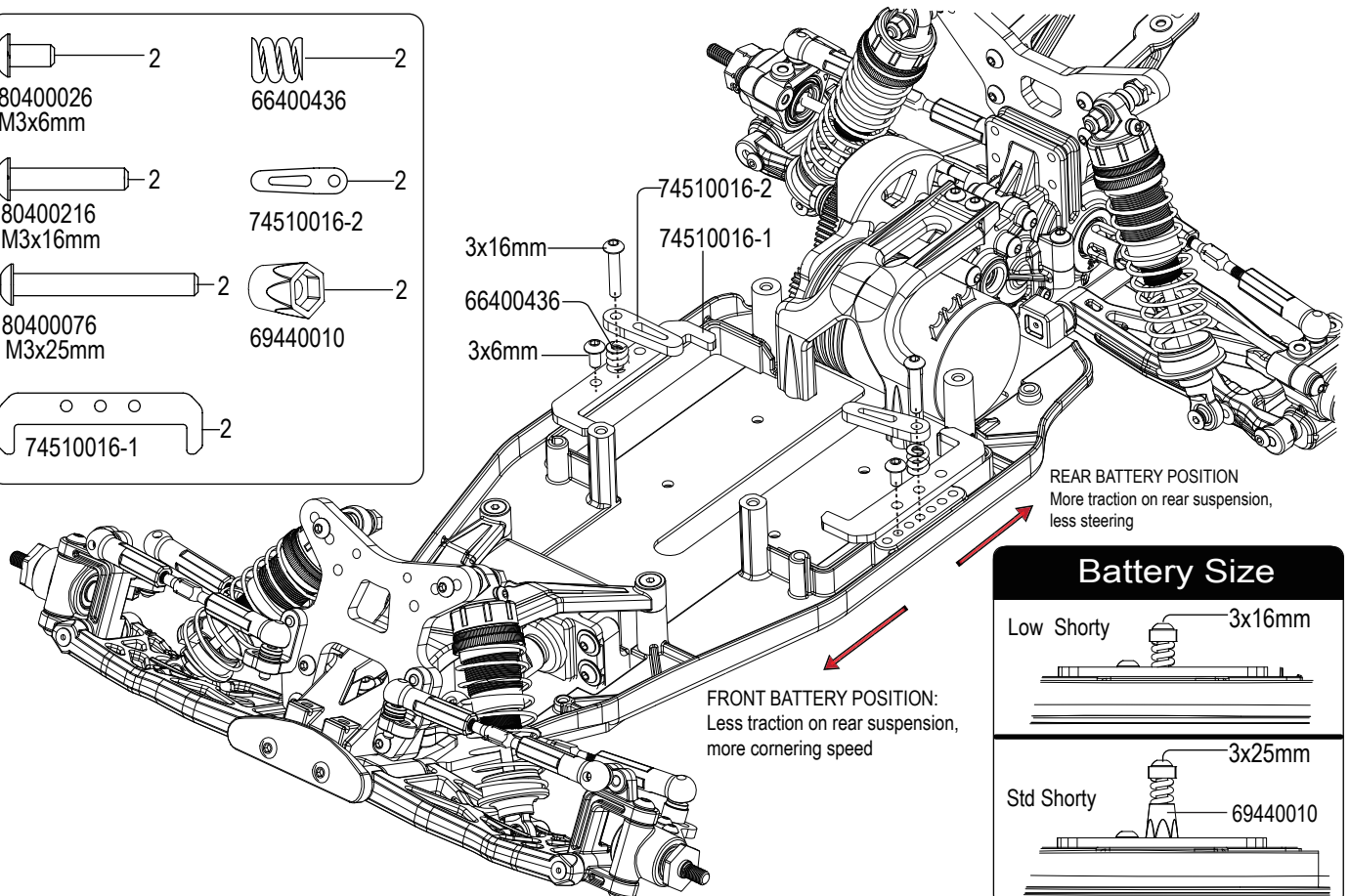
3x16mm

66400436

3x6mm

74510016-2

74510016-1

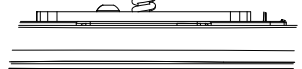


REAR BATTERY POSITION
More traction on rear suspension,
less steering

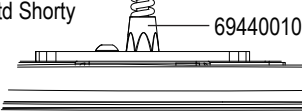
FRONT BATTERY POSITION:
Less traction on rear suspension,
more cornering speed

Battery Size

Low Shorty 3x16mm



Std Shorty 3x25mm





BAG
D

D6 Battery Plate

V4RFM

87400036 M3x16mm Set Screw

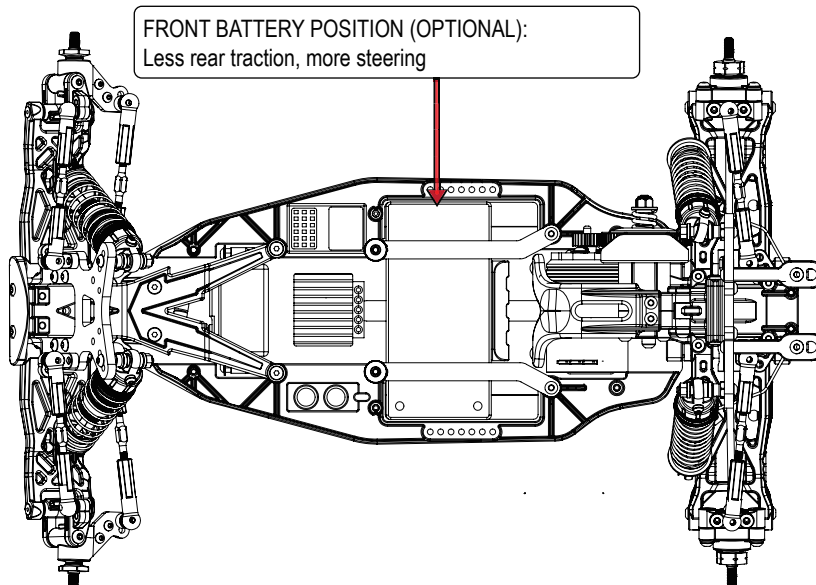
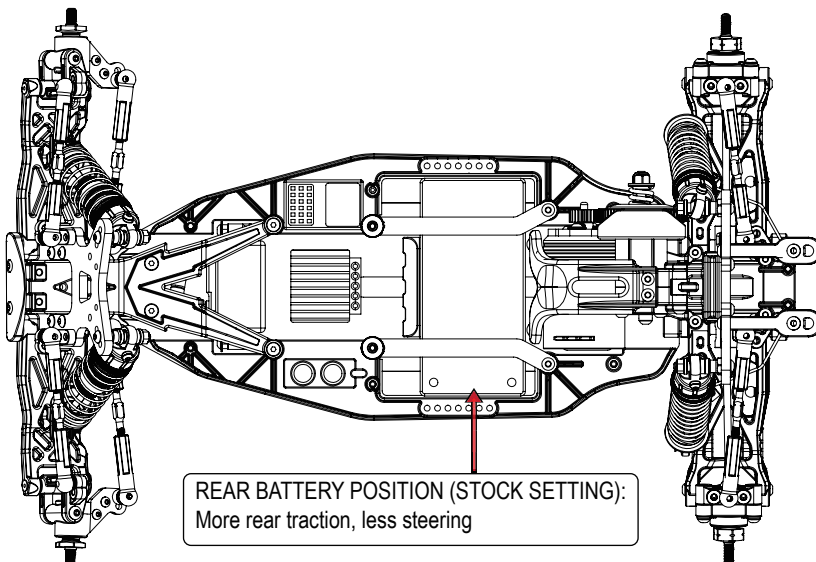
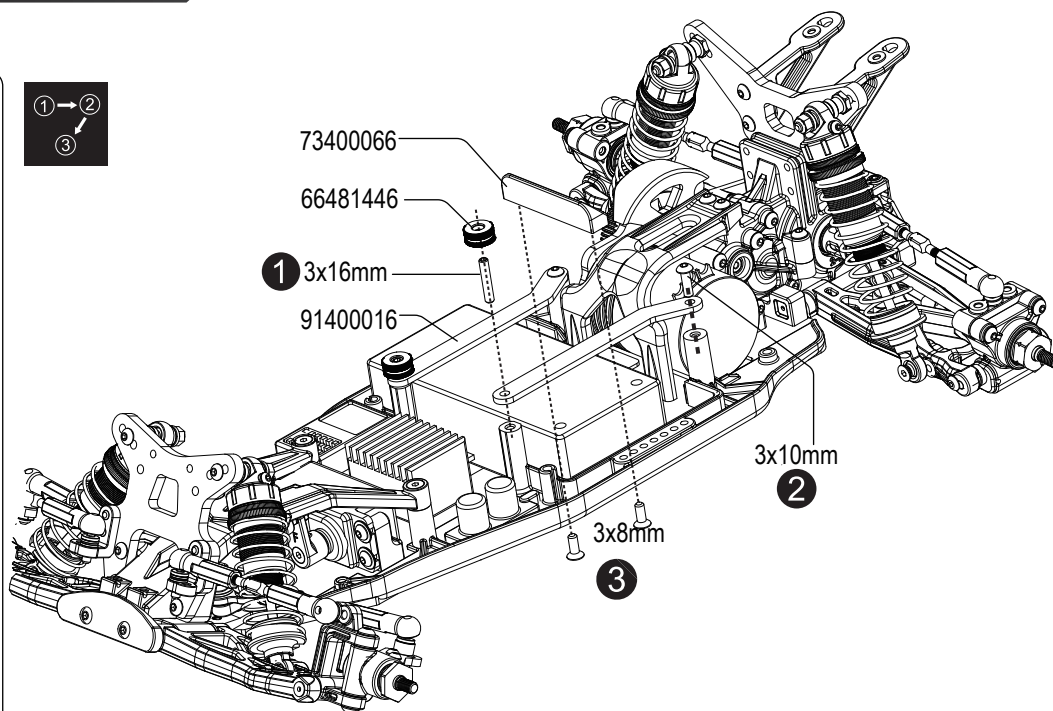
66481446
Battery retaining nut +oring(Black)

80400046 M3x10mm

82400026 M3x8mm

91400016
(Std Shorty) Battery Size

73400066



Battery Selection

Battery Size

Std Shorty



Part Bags used.



Assemble in the
specified order.

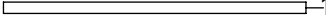


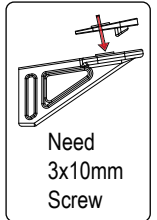
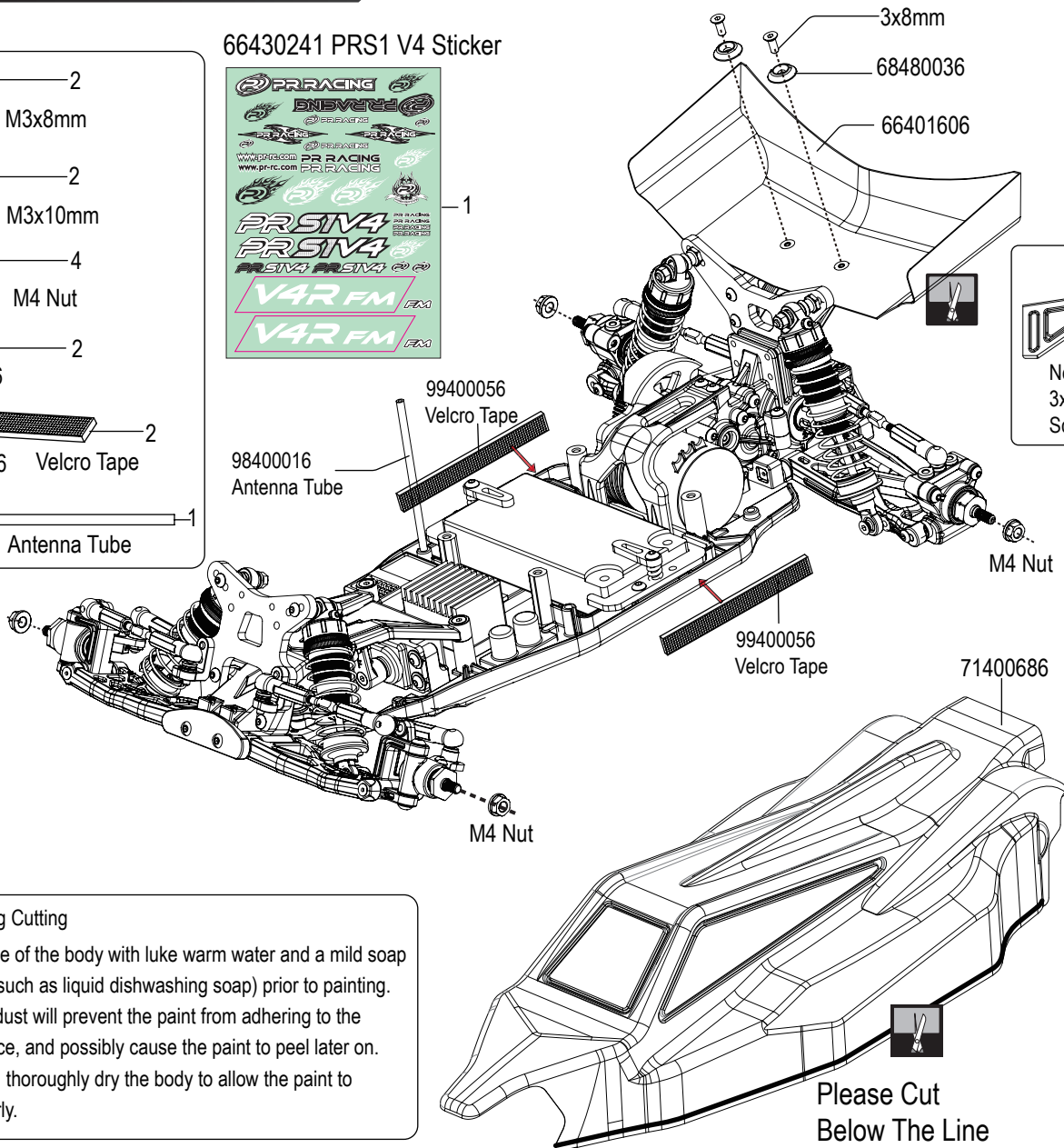
BAG
D

D7 Body

V4RFM

66430241 PRS1 V4 Sticker

-  2
82400026 M3x8mm
-  2
82400106 M3x10mm
-  4
83400076 M4 Nut
-  2
68480036
-  2
99400056 Velcro Tape
-  1
98400016 Antenna Tube



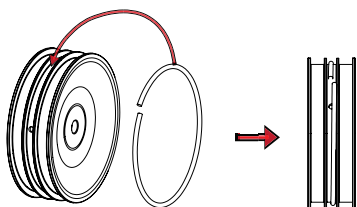
Body and Wing Cutting

Wash the inside of the body with luke warm water and a mild soap or detergent (such as liquid dishwashing soap) prior to painting. Oil residue or dust will prevent the paint from adhering to the painting surface, and possibly cause the paint to peel later on. After washing, thoroughly dry the body to allow the paint to adhere properly.

Please Cut
Below The Line

Tires

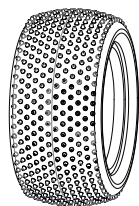
34430018
2WD Front Wheel Counterweight Ring



1. Add more weight to the front of the chassis to increase steering response.
2. Increase the rotational inertia of the front wheels for more precise in-air control during jumps.

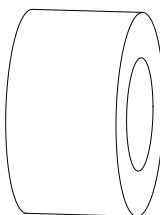
Option Parts

Mounting Tires

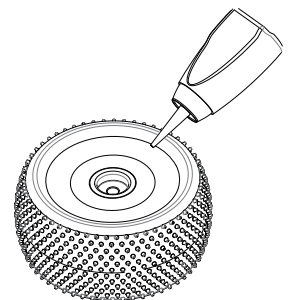
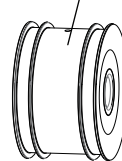


Place the tire insert into the tire and tire onto the wheel.
Tire and insert (Sold separately)
CA(Cyanoacrylate) glue sold separately.

Wheel Installation



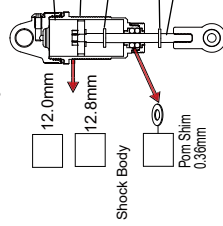
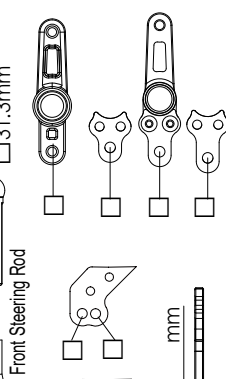
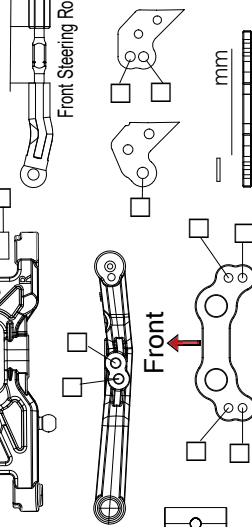
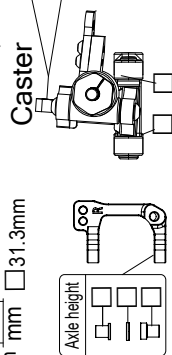
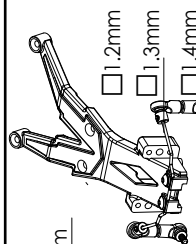
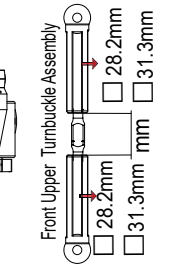
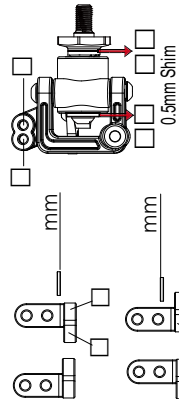
kit 68400316 Rear Wheel
kit 68400296 Front Wheel



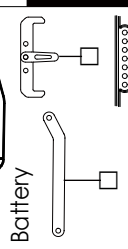
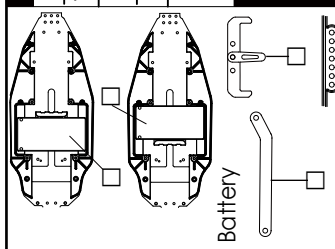
Pull the sidewall of the tire slightly away from the rim and apply CA(Cyanoacrylate) glue in between the tire bead and rim



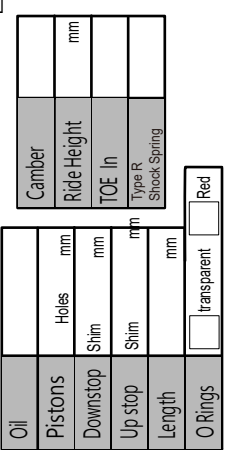
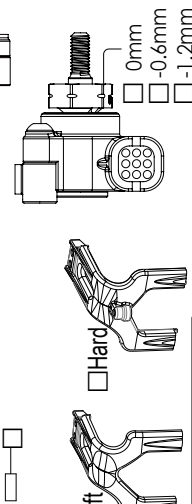
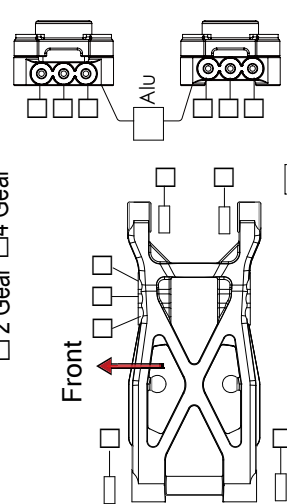
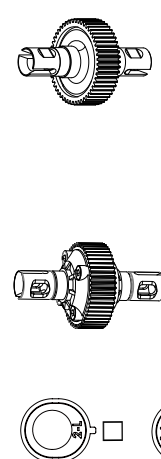
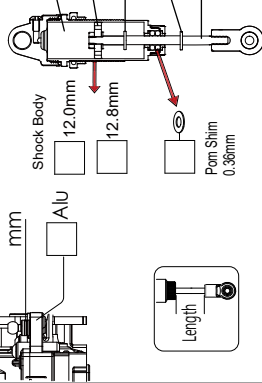
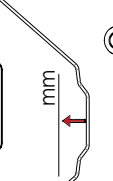
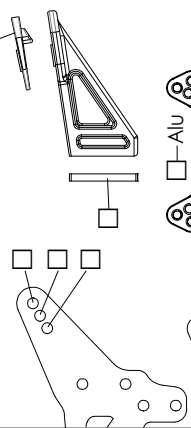
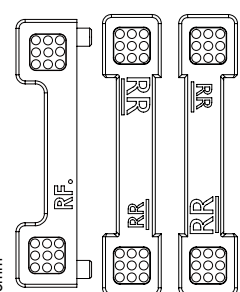
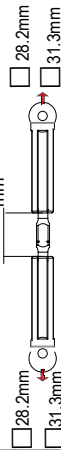
Front Suspension



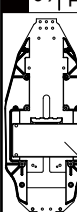
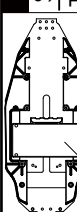
Oil		
Pistons	Holes	mm
Downstop	Shim	mm
Up stop	Shim	mm
Length		mm
O Rings	☐	transparent



Rear Suspension

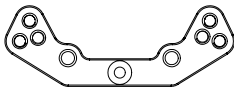
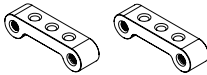
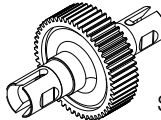
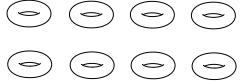
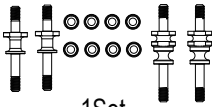
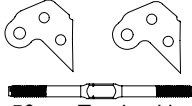
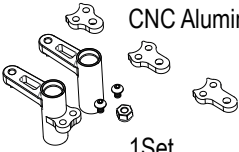
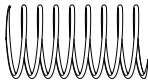
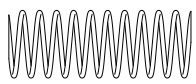
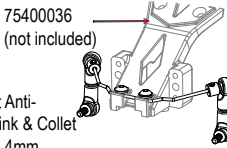
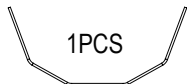
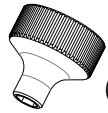
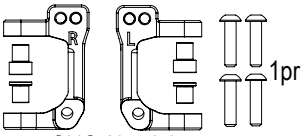
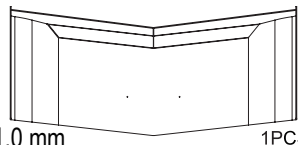
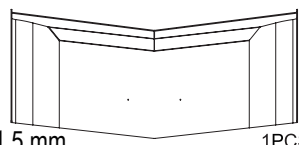
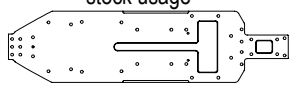
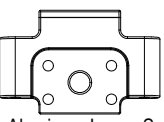
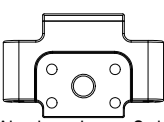
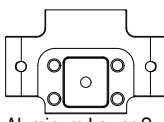
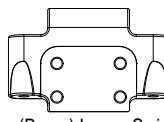
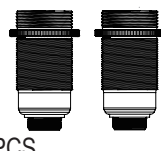
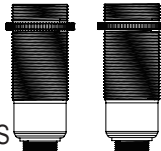
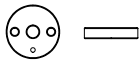
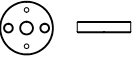
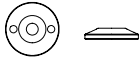
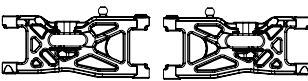
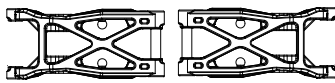
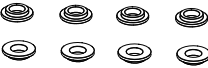


Front	Motor	T
Tire	Spur Gera	T
Inserts	Pinion	T
Wheels	Esc	
Rear	Servo	☐ Std. Profile Servo ☐ Low Profile Servo
Tire		
Inserts		☐ Std. Short ☐ Low Short
Wheels		

	TRACK									
	Size		☐ Open	☐ Medium	☐ Tight					
	Traction		☐ Very-Low	☐ Medium	☐ Very-High					
	Surface		☐ Smooth	☐ Medium	☐ Bumpy					
	Type		☐ Clay	☐ Carpet	☐ Astro					
	Condition		☐ Blue Groove	☐ Hard Packed	☐ Dry					
						☐ Dusty	☐ Loamy	☐ Wet		
Battery										
	Apply	CA	Glue	if	needed					

Body	☐ Standard	☐ Light
Wishbone Rear	☐ High Hardness Graphite	☐ Medium Hardness
Ride Height	F	R
☐ 34430018 2WD Front Wheel Counterweight Ring	Others	

Option Parts

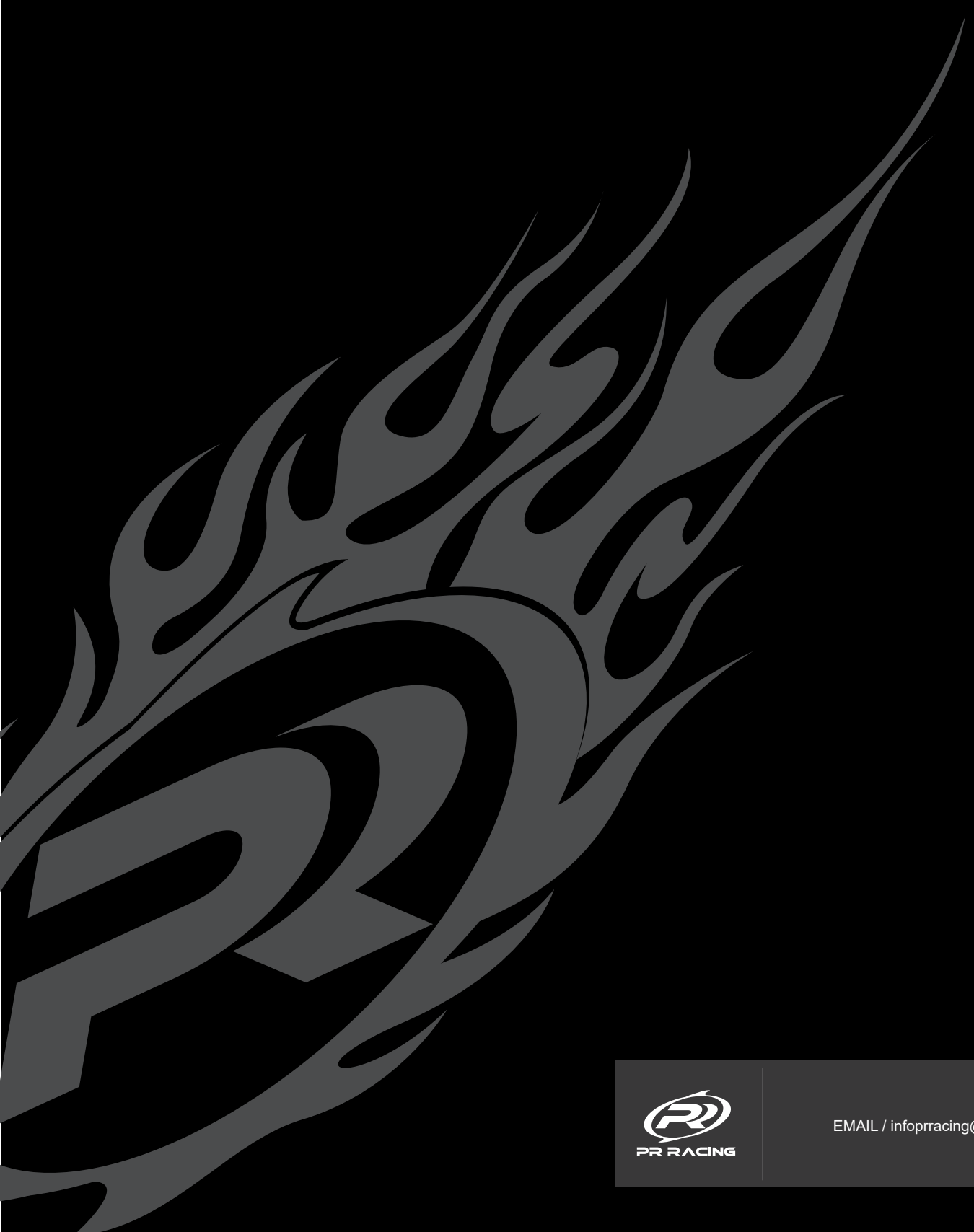
94500063  CNC Aluminium 1PCS	71400702  CNC Aluminium 2PCS	66402686  S1 Ball Diff Outdrive Set +1.3mm	31430016 PR P3 Shock O-Rings(Red)  8PCS Hard
81430106  1Set Front Rear Steel Shock Stand off Set	94500037  Carbon Motor Plate heighten 1.5mm 1PCS	66481388  50mm Turnbuckles For:Tight Track/Carpet use	17430116  4PCS id 12.8mm x 2.0mm x 2 Hole
66481256  CNC Aluminium 1Set	71530016  10 pr Type R Front Shock Spring Set	71530026  10 pr Type R Front Shock Spring Set	55430086  1PCS 25T For:S1 CNC-(aluminum)
66481556  75400036 (not included) (S1V3FM EVO) PR S1 V3 Front Anti-Roll Bar Drop Link & Collet 1.2mm.1.3mm1.4mm	70220010  1PCS Team PR Racing S1 V4 Back Sway Bar 1.2mm	70220012  1PCS Team PR Racing S1 V4 Back Sway Bar 1.4mm	23440360  (aluminum) 1PCS M5.5mm
91400039  CNC Aluminium 1pr	66400286  1.0 mm 1PCS	66402697  1.5 mm 1PCS	71400705 stock usage  PR S1 V4(FM) 3mm carbon fiber chassis 1PCS
66480456  1PCS 21g Caster 3 Degree Aluminum Lower Swing Arm Mount	66481186  1PCS 21.3g Caster 7 Degree Aluminum Lower Swing Arm Mount	66480476  1PCS 19.7g Caster 0 Degree Aluminum Lower Swing Arm Mount	66480536  1PCS 66g Caster 7 Degree (Brass) Lower Swing Arm Mount
68440093  PR RACING 12mm (-1.2mm) 2PCS Clamping Wheel Hex	68440094  PR RACING 12mm (-0.6mm) 2PCS Clamping Wheel Hex	93430016  TYPE R Front Shock Body id 12mm 2PCS	93430026  TYPE R Rear Shock Body id 12mm 2PCS
17430126  4PCS Machined Shock Pistons id 12mm (1.6mm x2 Hole)	17430136  4PCS Machined Shock Pistons id 12mm (1.7mm x2 Hole)	17430146  4PCS Machined Shock Pistons id 12mm Conical (1.6mm x2 Hole)	94500038  1PCS PRS1V4 Aluminum Motor Plate
69400157  PR S1 V4 Fornt Lower gull Wishbone Graphite (Hard) (1pr)	69400186  PR S1 V4 Rear Lower gull Wishbone Graphite (Hard) (1pr)	55430076  Shock Hat Bushing CNC (8)	

 PR B10R (Gear Diff) Gear Ratio Chart-Internal Gear Ratio 2.62:1						
(Gear Diff) Final Drive Ratio		Spur 				
		73	75	77	81	83
 Pinion	18					
	19					
	20			10.09		
	21			9.61		
	22		8.93	9.17		
	23		8.54	8.77		
	24	7.97	8.19	8.41		
	25	7.65	7.86	8.07		
	26	7.36	7.56	7.76		
	27	7.08	7.28	7.47		
	28	6.83	7.02			
	29	6.60	6.78			
	30	6.38				
	31	6.17				
	32					
	33					

66480576	73T Spur Gear (For S1)x1pcs
66480586	75T Spur Gear (For S1)x1pcs
66480596	77T Spur Gear (For S1)x1pcs

66480986	PR Racing 48P Pinion (3.17mm ID) (18T)x1pcs	66481576	PR Racing 48P Pinion (3.17mm ID) (26T)x1pcs
66480996	PR Racing 48P Pinion (3.17mm ID) (19T)x1pcs	66481586	PR Racing 48P Pinion (3.17mm ID) (27T)x1pcs
66481006	PR Racing 48P Pinion (3.17mm ID) (20T)x1pcs	66481596	PR Racing 48P Pinion (3.17mm ID) (28T)x1pcs
66400556	PR Racing 48P Pinion (3.17mm ID) (21T)x1pcs	66481606	PR Racing 48P Pinion (3.17mm ID) (29T)x1pcs
66480096	PR Racing 48P Pinion (3.17mm ID) (22T)x1pcs	66481616	PR Racing 48P Pinion (3.17mm ID) (30T)x1pcs
66480106	PR Racing 48P Pinion (3.17mm ID) (23T)x1pcs	66481626	PR Racing 48P Pinion (3.17mm ID) (31T)x1pcs
66480116	PR Racing 48P Pinion (3.17mm ID) (24T)x1pcs	66481636	PR Racing 48P Pinion (3.17mm ID) (32T)x1pcs
66481566	PR Racing 48P Pinion (3.17mm ID) (25T)x1pcs	66481646	PR Racing 48P Pinion (3.17mm ID) (33T)x1pcs

In case of any errors in the manual, the most current information published by manufacturer shall prevail.



EMAIL / infopracing@gmail.com.tw

1.9 Version