

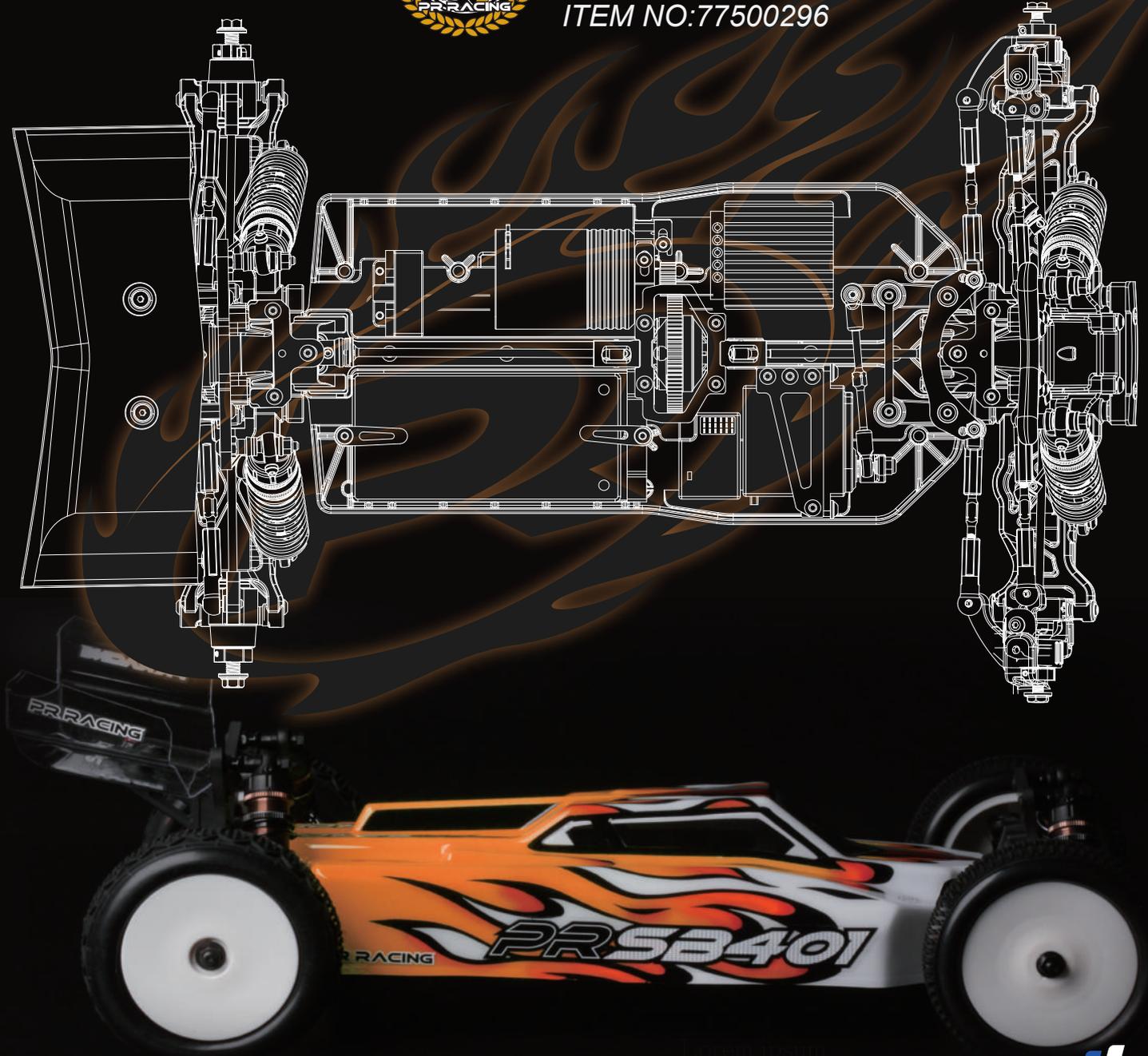
PR SB401



PR RACING
TYPE



ITEM NO:77500296

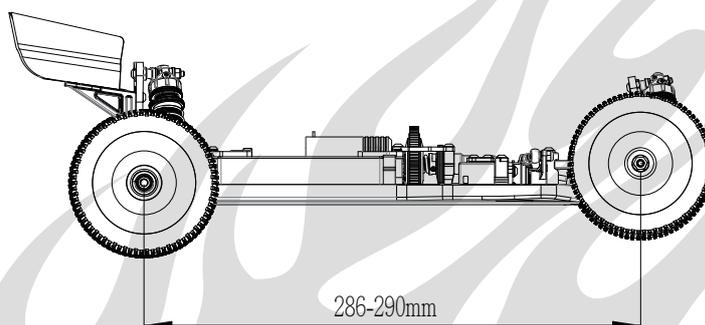
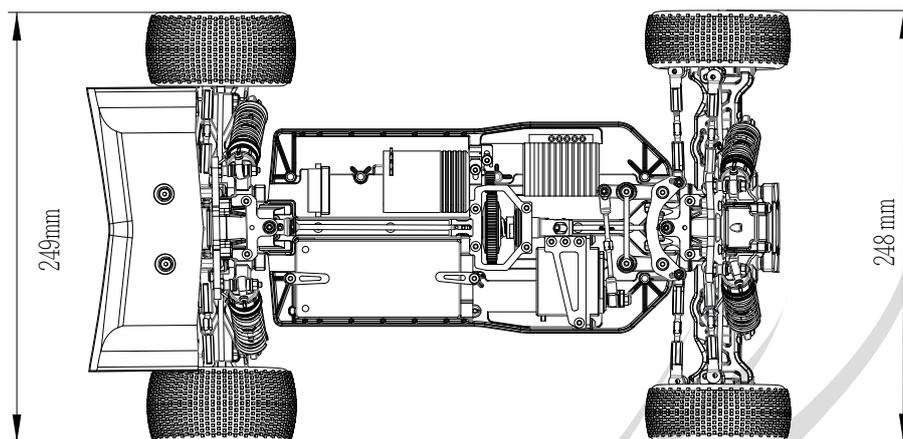


mit
MADE IN TAIWAN

2026 PR SB401-R 1/10 4WD Off-Road Electric Buggy Kit Dirt (Center Diff +
Sliper Clutch Version)

PR RACING

P R RACING P R RACING



2026 SB401R Features

Dirt (Center Diff+Sliper Clutch Version)

NEW-17430118-Machined 13mm Shock Pistons (2x1.8mm)

NEW-20220018-SB401R Carbon Fibre Front Shock Tower V2

NEW-94500046- Front Shock Towers Covers

NEW-77430107-TYPE R Front Shock Body 13mm

NEW-77430118-TYPE R Rear Shock Body 13mm

NEW-90510027-2026 SB401R 2.5mm Aluminum Chassis V2

NEW-77500057-SB401R Servo Mount L Pro

NEW-52000028-13mm Shock Collars Aluminum (18mm Spring)

NEW-62540002- Front Shock Set (18mm Spring)

NEW-62540003- Rear Shock Set (18mm Spring)

Specifications

Type: 1/10 th 4wd Off-Road Buggy Kit

Power Source: Electric

Wheelbase: 286-290mm (variable)

Width: 247-249mm

Gear Ratio: 2.6:1

Weight: 1680g-1720g race ready (varies)

Hardware: Full metric

Bearings: Sealed Metal Ball Bearings

Wheels: 12mm hex

Kit: Assembly required

Items Required to Complete

2 Channel surface frequency radio system

2S Lipo battery & compatible lipo charger

1/10 ESC, motor & pinion gear

High-Speed Servo

1/10 tyres and inserts

Tools

Paint for polycarbonate body

Tyre glue

Threadlock

Silicon diff and shock oil

● BEFORE INSTALLATION -----	01		
● BAG A -----	03-08	● BAG E -----	21-23
A1.1 Chassis Brace Installation		E1 Front & Rear Shock Assembly	
A1.2 Motor Mount & Sponge		E2 Front & Rear Shock Installation	
A2 Gear Diff Assembly		E3 Motor Installation	
A2.1 Center Diff		E4 Mounting Tires Wheel Installation	
A3 Slipper Assembly			
A5 Gear Box Assembly Rear Shock Tower Installation			
A4 Gear Box Assembly Front Shock Tower Installation			
● BAG B -----	09-13	● Upgrade Parts -----	24
B1 FR Suspension Mount Installation		● Setup Sheet -----	25
B2.1 Front Hub Carrier Assembly (Left Side)		● Pinion Spur Gear -----	26
B2.2 Front Hub Carrier Assembly (Right Side)			
B3 FF Suspension Mount & Front Sway Bar Installation			
B4 Front Upper Turnbuckle Assembly			
B5 Gearbox-Reinforcement (Front)			
● BAG C -----	14-17		
C1 Rear Assembly RF Suspension Mount			
C2 Rear Left Hub Carrier Assembly			
C3 Rear RR Suspension Mount			
C4 Rear Upper Turnbuckle Assembly			
C5 Rear Sway Bar Installation			
● BAG D -----	18-20		
D1 Bell Crank Installation			
D2 Steering			
D3 Turnbuckle Assembly-Steering Rod			
D4 Steering Servo			
D5 Center Mount Plate			
D6 Battery Hold Down Installation			

BEFORE INSTALLATION

- 1 Read through the instruction manual before installation in order to have an overview of what to do.
- 2 Check if there are any missing bags or defective parts. If so please contact your local dealer or PR Distributor.
- 3 This kit contains screws and hardware in different metric sizes and shapes. Before using them, check the screws against the true-to-scale diagrams on the left side of each assembly step. Some screws are extras.
- 4 Symbols used throughout the instruction manual are as follows:



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.

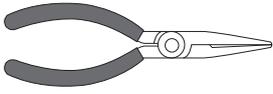
HEALTH WARNING

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.

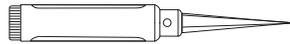
TOOLS REQUIRED

CAUTION: Handle tools carefully!

- Needle Nose Pliers



- Body Reamer



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

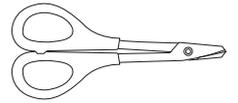
- Grease



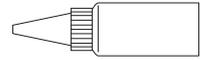
- Wire Cutters



- Lexan Scissors



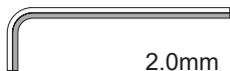
- Screw Cement



- Hex Wrench



1.5mm

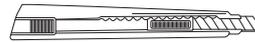


2.0mm

- Ball Differential Grease



- Sharp Hobby Knife

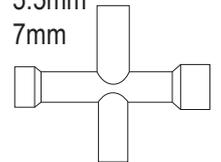


- Cross Wrench

5mm

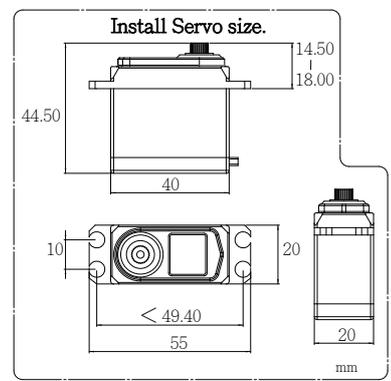
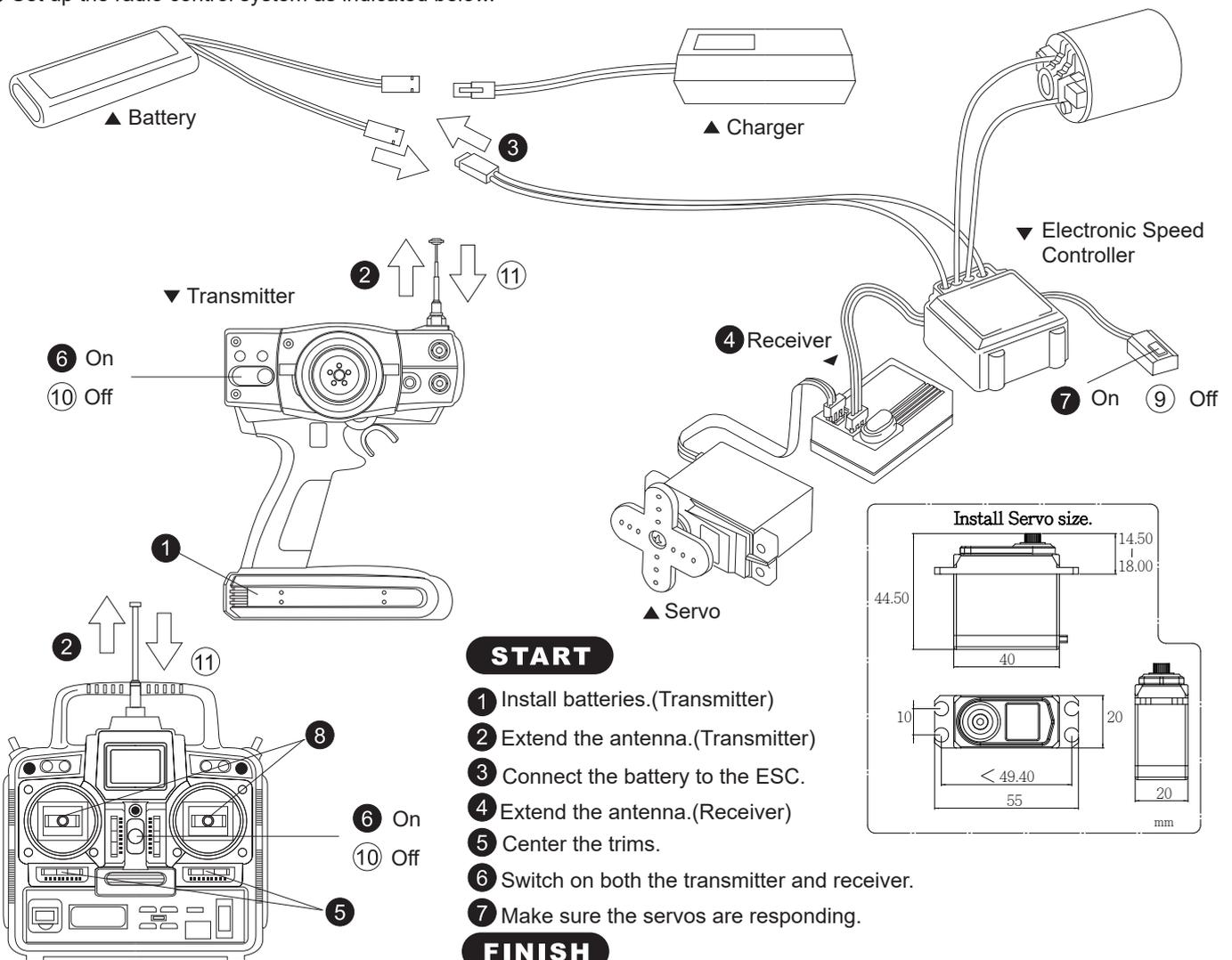
5.5mm

7mm



RADIO PREPARATION

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



START

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

FINISH

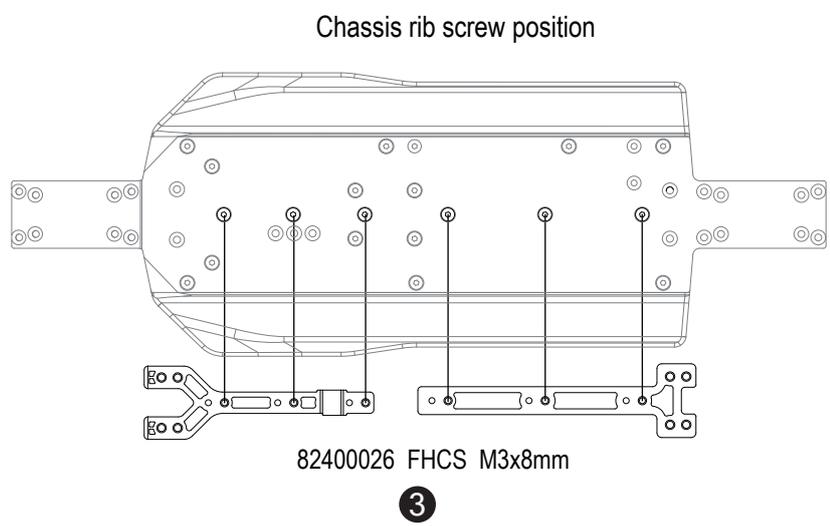
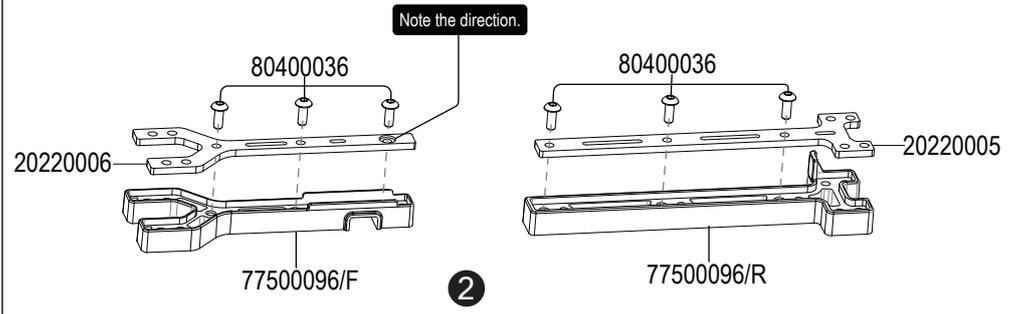
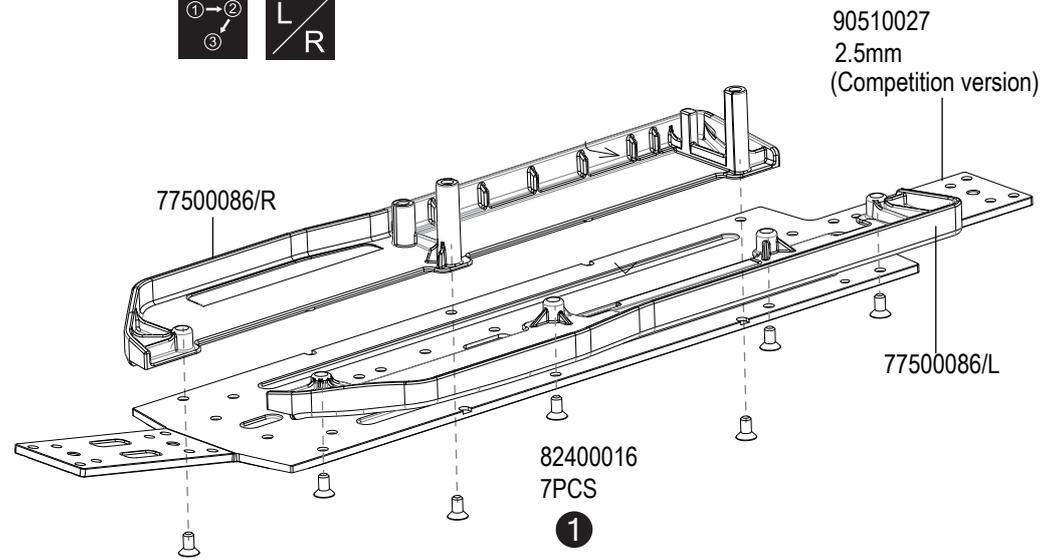
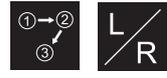
- 8 Switch off both the transmitter and receiver.
- 9 Retract the antenna. (Transmitter)

*When using a 2.4GHz transceiver, steps 2 and 4 are not required.



A1.1 Chassis Brace Installation

-  7
82400016 FHCS M3x6mm
-  6
82400026 FHCS M3x8mm
-  6
80400036 BHCS M3x8mm
-  1
20220006
-  1
20220005
-  1
77500096/F
-  1
77500096/R
-  1
90510027
-  1
77500086



Part bags used.



Assemble in the specified order.

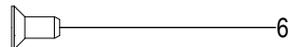


Assemble left and right sides the same way.

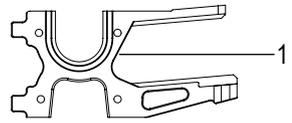


Note the direction.

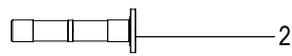
A1.2 Motor Mount & Sponge



82400016 M3x6mm FHCS



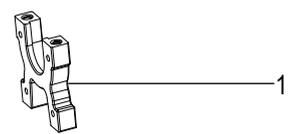
77500016



68400016



54430028 Foam
1x9x99mm&3x9x99mm

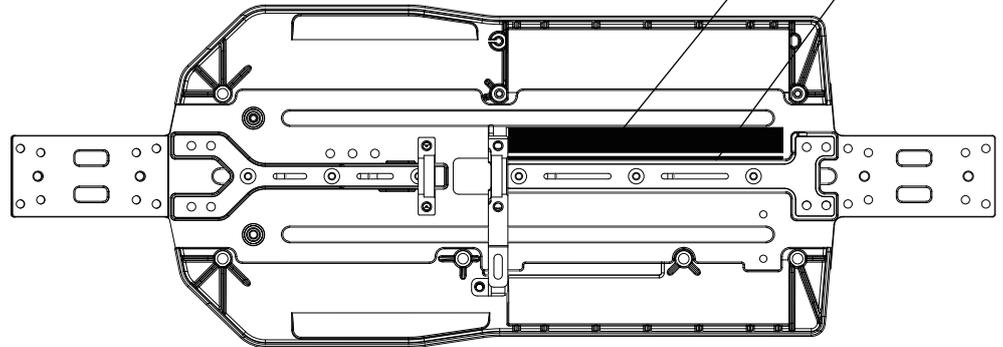


77500066

PR SB401-R Difference seat C
Slipper Clutch
Differential use

Battery size adjustment

54430028 Sponge
10x99x1mm or 3 mm



77500066
Slipper Clutch
Differential use

77500016

68400016

82400016

82400016



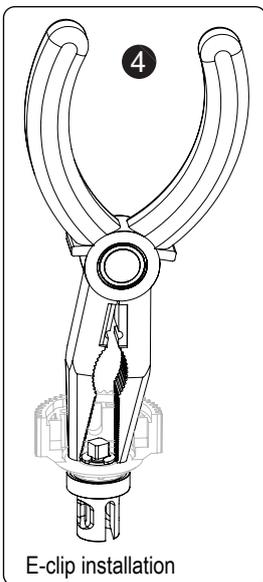
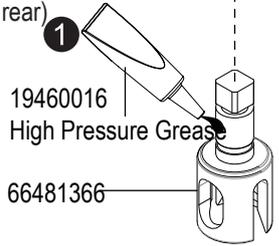
A2 Gear Diff Assembly

- 82400166 M2.6x10mm FHCS
- 85440170 5x8x0.8mm Shim
- 85440160 4x10x0.15mm Shim
- 85400016 3.5mm E-clip

- 5 66480336 14T
- 4 85400016
- 3 Shim 5x8x0.8
- 2 31450016 O-ring

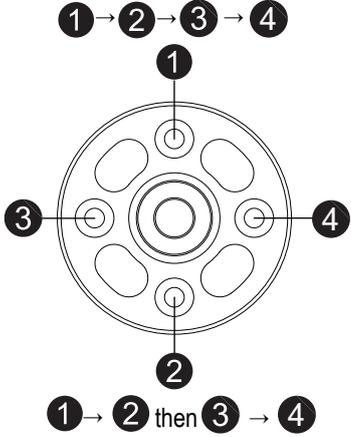
x2

Build x2
(1 front, 1 rear)

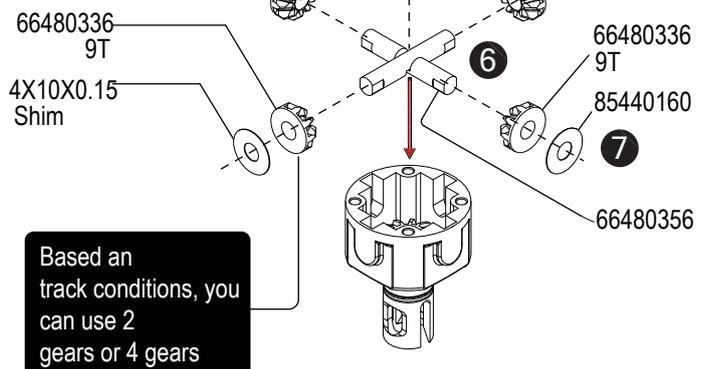


Build x2 (1 front, 1 rear)

Finish tightening in this order.
請照順序對角鎖緊差速上蓋螺絲

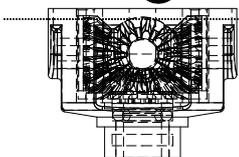
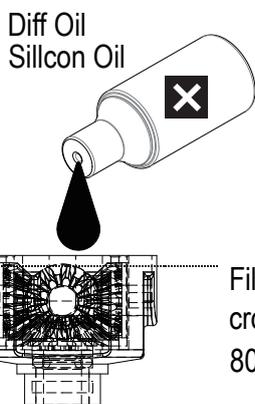
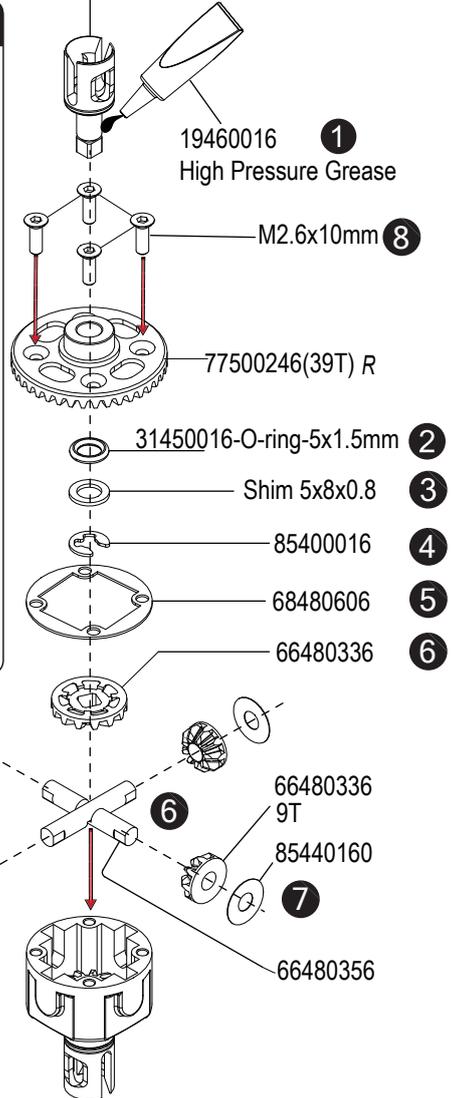


Be sure not to over-tighten the ring gear screws. This will lead to the gear warping.



Based on track conditions, you can use 2 gears or 4 gears

66481366 **x2**



Initial Setting

Front Diff	Rear Diff
Dirt 7000 Cst	Dirt 5000 Cst
Carpet 10000 Cst	Carpet 7000 Cst



Part bags used.



Apply oil.



x2 Assemble as many times as specified (here: twice).

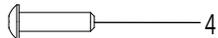


Assemble in the specified order.



Must be purchased separately.

A2.1 Center Diff



4
80400226
BHCS M2.5x10mm



2
85440170
Shim 5x8x0.8mm



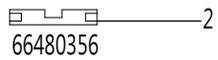
4
85440150
Shim 4x8x0.25



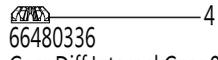
2
85400016 3.5 E Clip



2
31450016 5x1.5mm(O-ring)



2
66480356
Gear Diff Cross Pins Aluminum



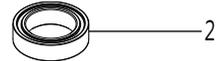
4
66480336
Gear Diff Internal Gear 9T



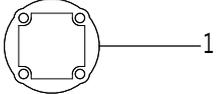
2
66480336 Gear Diff Internal Gear 14T



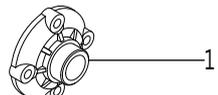
2
77500316 Centre Diff Cup



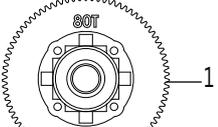
2
89430030 Bearing 10x15x4mm



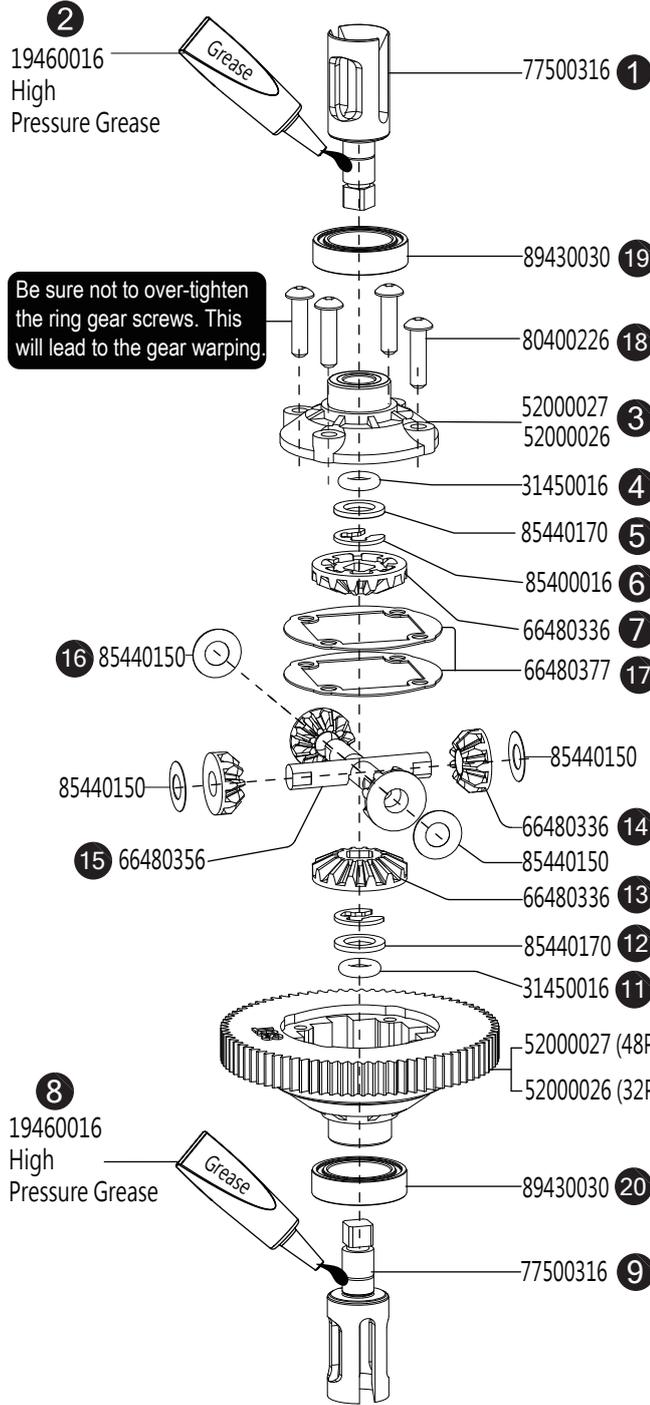
1
66480377
PR SB401R Center Gear diff Gasket
0.3mm



1
52000026 Centre Diff Spur Gear Top



1
52000027 (48P) 80T
Centre Diff Spur Gear



Assemble in the specified order.

IMPORTANT

Finish tightening in this order.

IMPORTANT

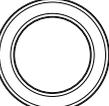
Diff Oil not included

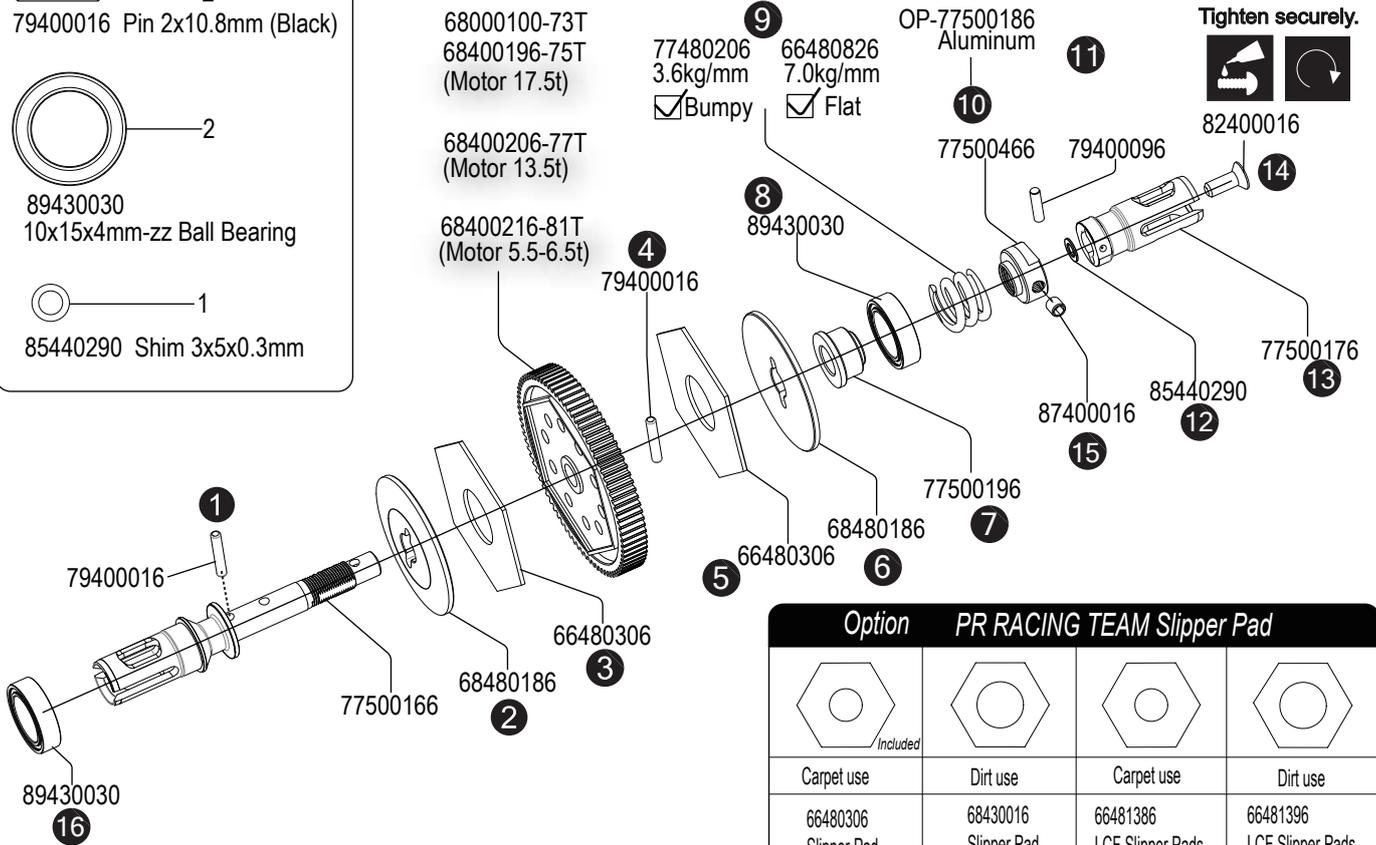
80% oil max

Diff Oil
Centre Diff Spur Gear

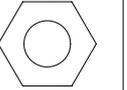
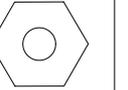
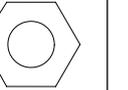
Low Traction	30000cst
Medium High Traction	50000cst
Super High Traction	100000cst

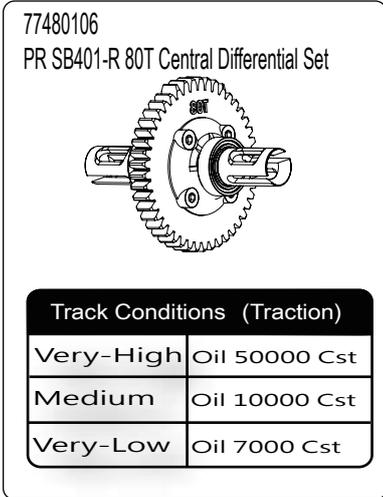
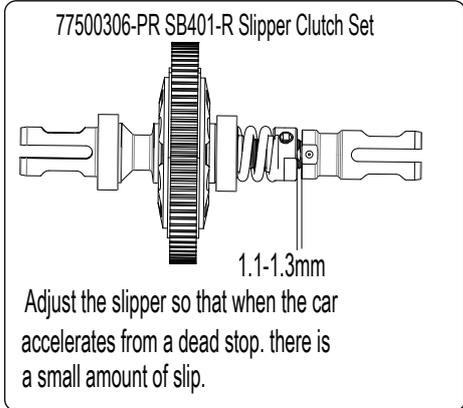
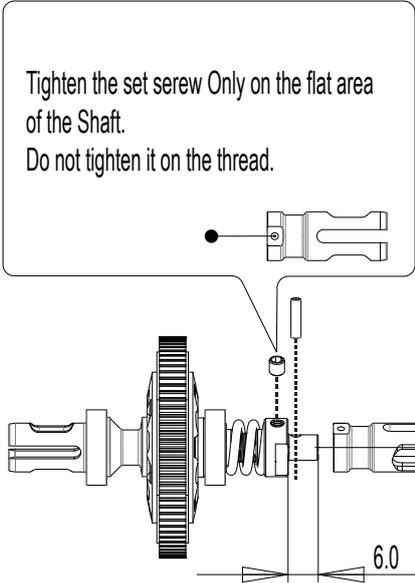
A3 Slipper Assembly

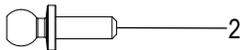
-  1
87400016 Set Screw M3x3mm
-  1
82400016 FHCS M3x6mm
-  1
79400096 Pin 2x7.8mm (Silver)
-  2
79400016 Pin 2x10.8mm (Black)
-  2
89430030
10x15x4mm-zz Ball Bearing
-  1
85440290 Shim 3x5x0.3mm



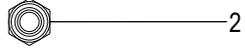
Tighten securely.

Option	PR RACING TEAM Slipper Pad		
			
<i>Included</i>			
Carpet use	Dirt use	Carpet use	Dirt use
66480306 Slipper Pad 11mm (White)	68430016 Slipper Pad 19mm (White)	66481386 LCF Slipper Pads 11mm (Yellow)	66481396 LCF Slipper Pads 19mm (Yellow)





68430046
4.8x8mm Ball Studs



83400026 M3 Lock Nut



80400046 BHCS M3x10mm



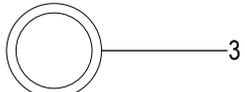
78400016 M4x3mm Set Screw



68481256



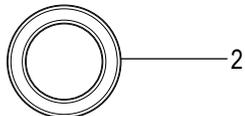
66401096



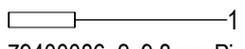
85440230 Shim 10x12.5x0.1mm



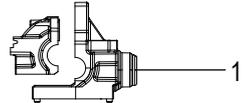
89430010 5x10x4mm Bearing



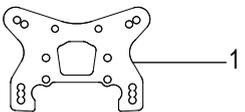
89430030 10x15x4mm Bearing



79400086 2x9.8mm Pin



68480986 Gear Case



20220018 Front Shock Tower



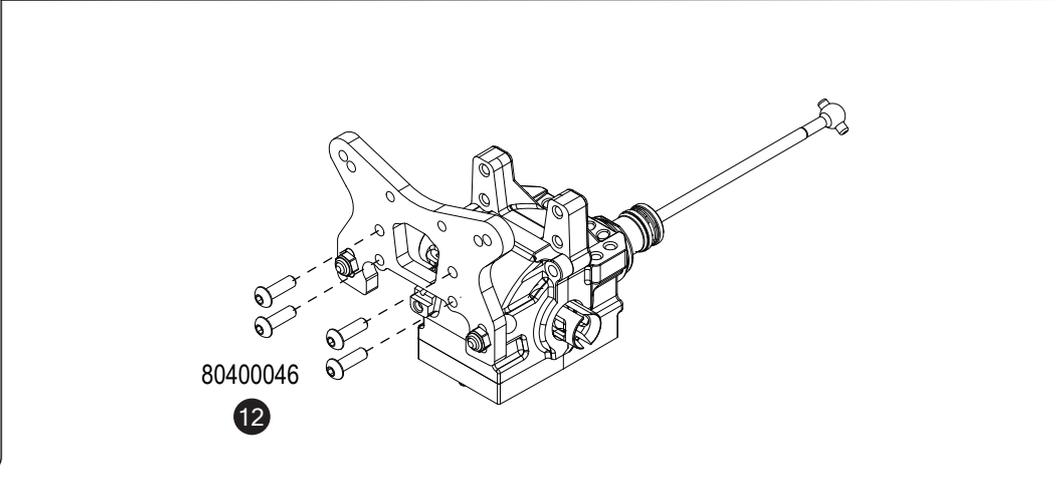
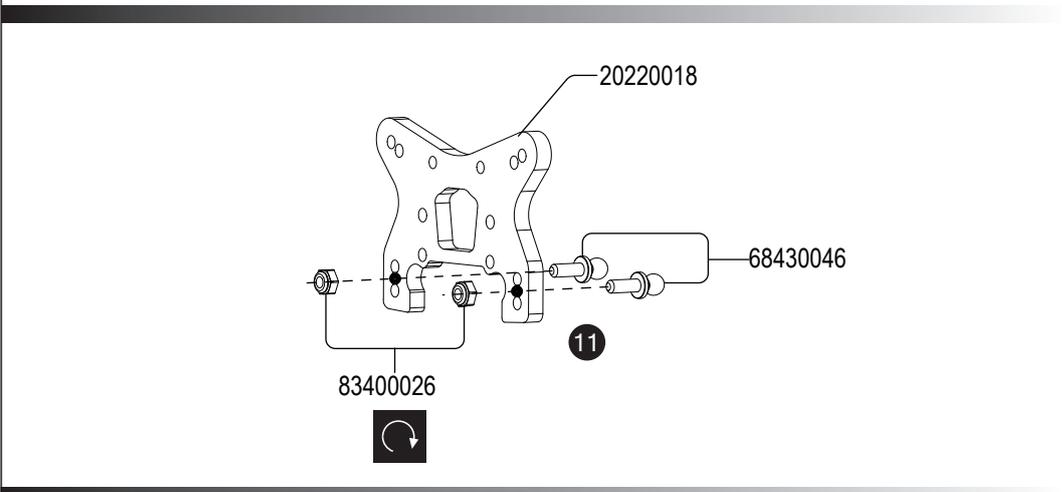
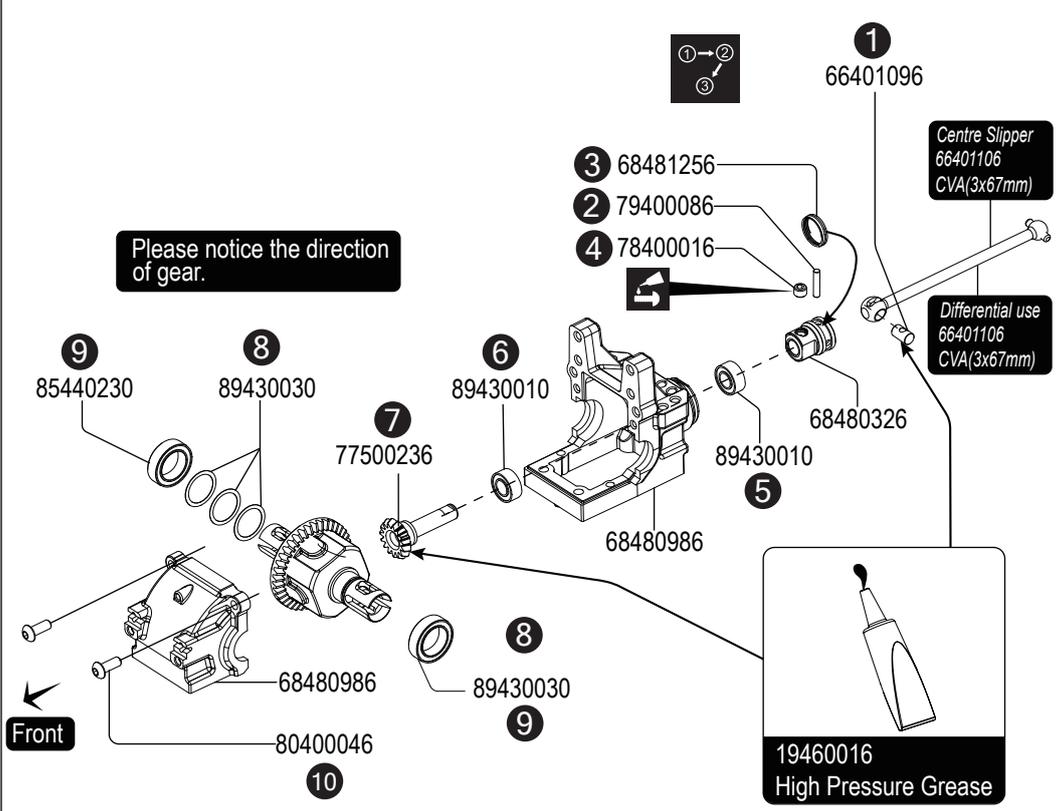
77500236



66401106 CVA(3x67mm)

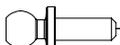
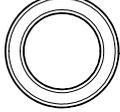
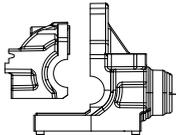
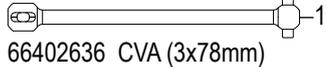


68480326

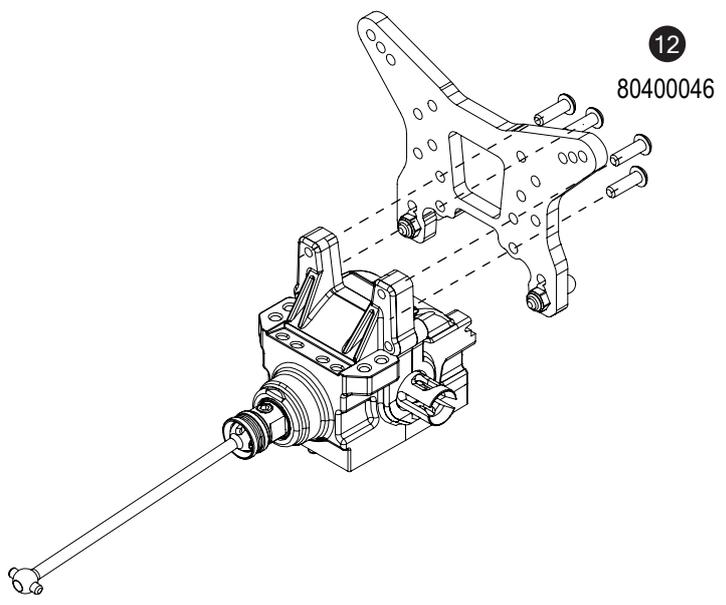
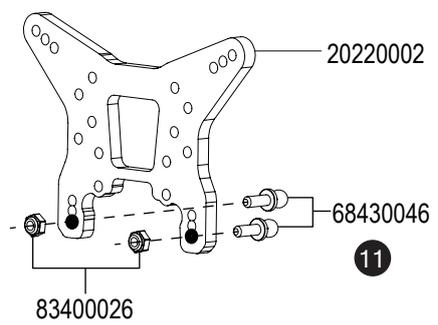
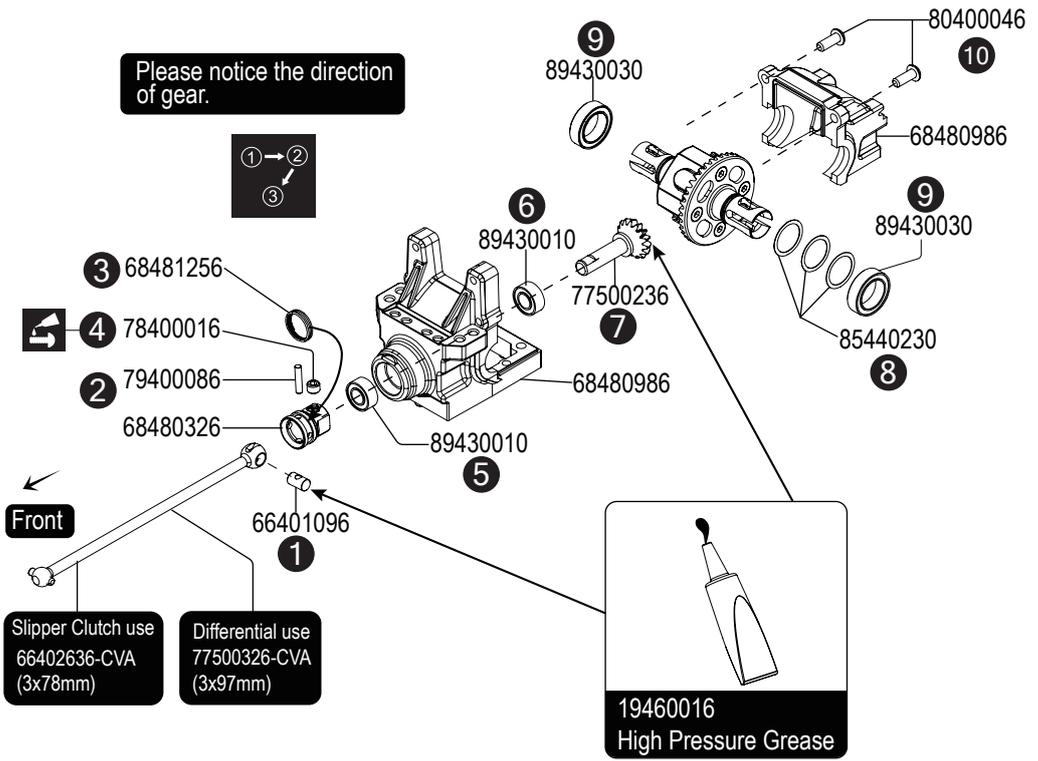


A5 Gear Box Assembly Rear Shock Tower Installation

Rear

-  2
68430046 4.8x8mm Ball Studs
-  2
83400026 M3 Lock Nut
-  6
80400046 BHCS M3x10mm
-  1
78400016 M4x3mm Set Screw
-  1
68481256
-  3
85440230 10x12.5x0.1mm Shim
-  2
89430010 5x10x4mm Bearing
-  2
89430030 10x15x4mm Bearing
-  1
79400086 2x9.8mm Pin
-  1
66401096
-  1
68480986 Gear Case
-  1
20220002 Rear Shock Tower
-  1
77500236
-  1
68480326
-  1
66402636 CVA (3x78mm)

Please notice the direction of gear.

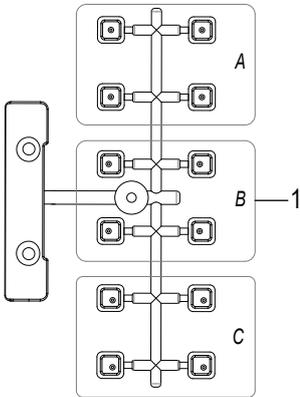


BAG
B

B1 FR Suspension Mount Installation

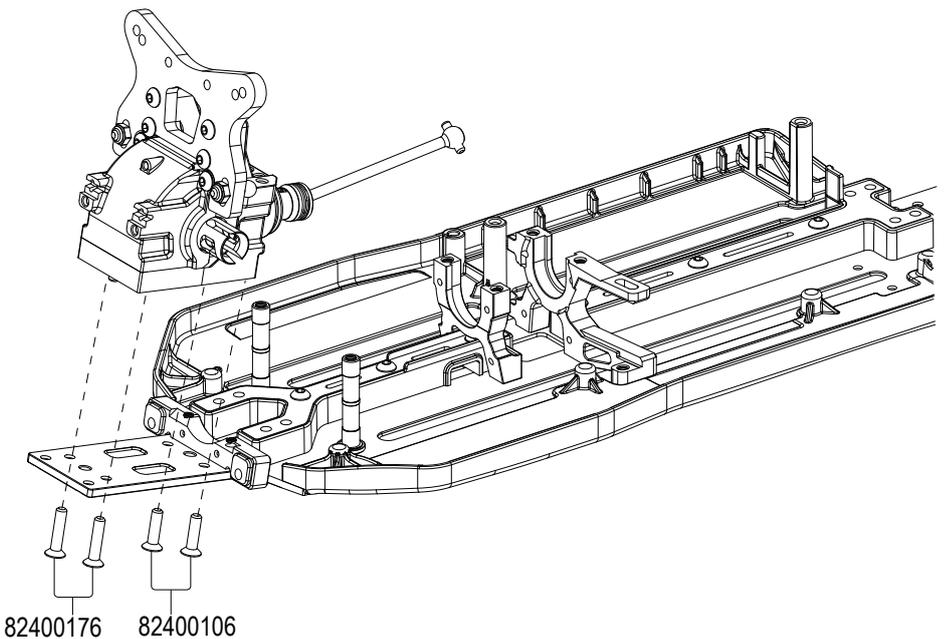
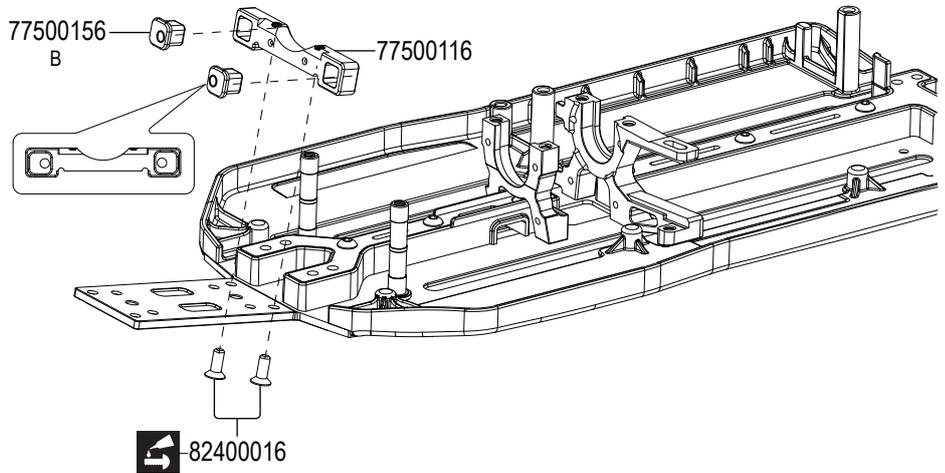
-  2
82400016 FHCS M3x6mm
-  2
82400106 FHCS M3x10mm
-  2
82400176 FHCS M3x15mm

-  1
77500116
FR Suspension Mount



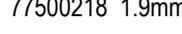
- 77500156
Suspension Hanger Insert

FRONT HANGER INSERTS				FF	FR	TOE	SQUAT	FF	FR	TOE	SQUAT
				0	0	0	0			0	0
				0	0	0	+0.7			-0.9	0
				0	0	0	+1.4			-1.7	0
				0	0	0	-0.7			+0.9	0
				0	0	0	0			0	0
				0	0	0	+0.7			-0.9	0
				0	0	0	-1.4			+1.7	0
				0	0	0	-0.7			+0.9	0
				0	0	0	0			0	0
										+3.5	+2



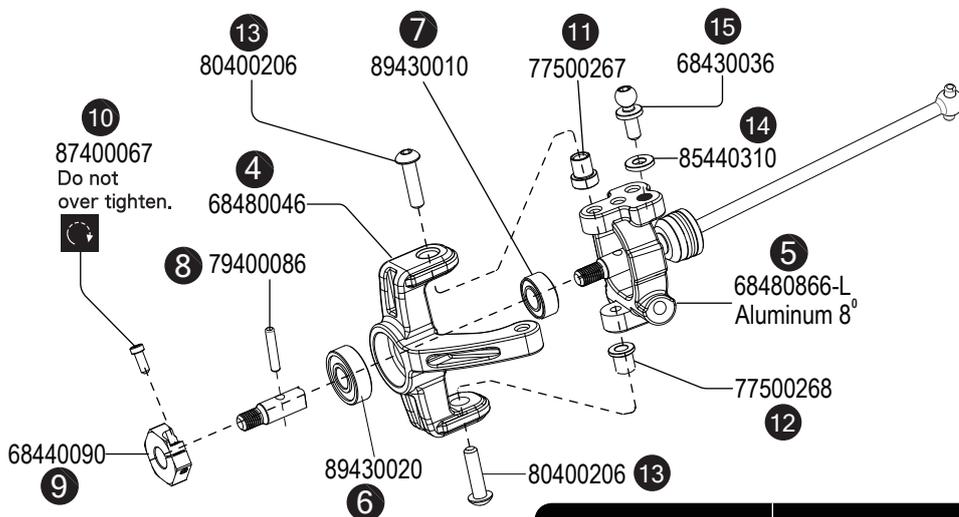
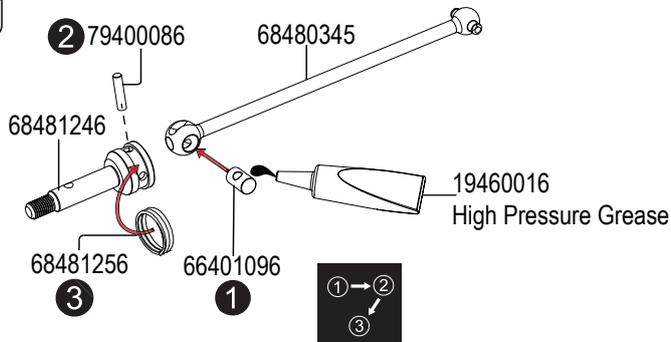
B2.1 Front Hub Carrier Assembly (Left Side)

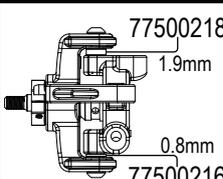
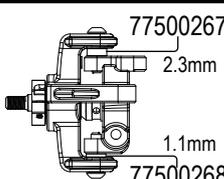
Left Side

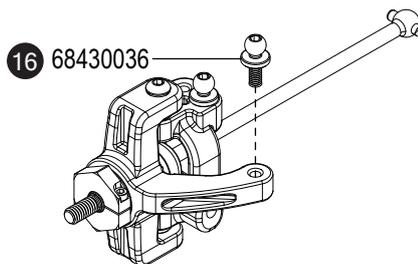
-  2
80400206 BHCS M3x12mm
-  2
68430036 4.8x6mm Ball Studs
-  1
89430010 5x10x4mm Bearing
-  1
89430020 5x13x4mm Bearing
-  1
79400086 2x9.8mm Pin (Silver)
-  1
79400016 2x10.8mm Pin (Black)
-  1
87400067 SHCS M2x6
-  1
68440090 4.2mm
-  1
68481246
-  1
68480046
-  1
85440310 3x6.5x1mm Silver Aluminum Spacer 1mm
-  1
66401096
-  1
68480345 CVA(3x76mm)
-  1
68481256
-  1
77500267 2.3mm (Brown)
-  1
77500218 1.9mm (Black)
-  1
77500268 1.1mm (Brown)
-  1
77500216 0.8mm (Silver)

Corner Speed

Stable	Aggressive
	
Nylon plastic 68480046-L	Aluminum 68480866-L



68480046-L	68480866-L
	
77500218 1.9mm 77500216 0.8mm	77500267 2.3mm 77500268 1.1mm
Nylon plastic	Aluminum



Part bags used.



Do not over tighten.



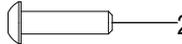
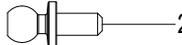
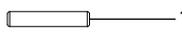
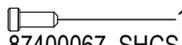
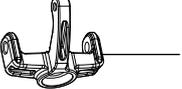
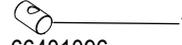
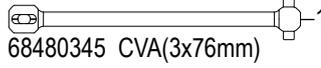
Assemble in the specified order.



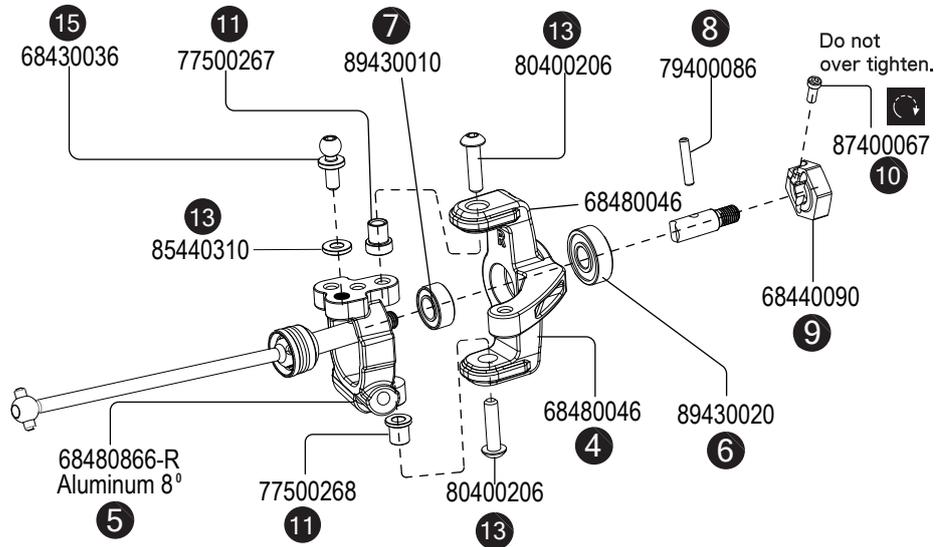
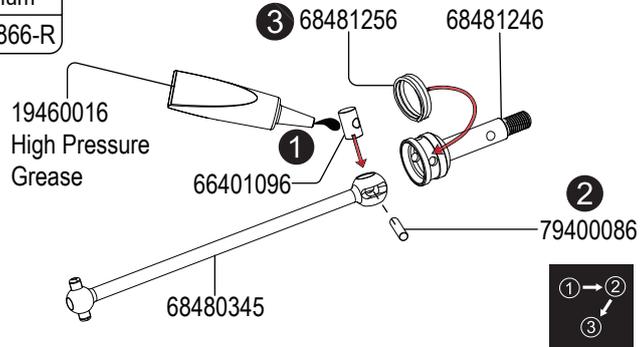
Apply oil.

B2.2 Front Hub Carrier Assembly (Right Side)

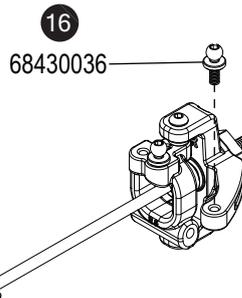
Right Side

-  2
80400206 BHCS M3x12mm
-  2
68430036 4.8x6mm Ball Studs
-  1
89430010 5x10x4mm Bearing
-  1
89430020 5x13x4mm Bearing
-  1
79400086 2x9.8mm Pin (Silver)
-  1
79400016 2x10.8mm Pin (Black)
-  1
87400067 SHCS M2x6
-  1
68440090 4.2mm
-  1
68481246
-  1
68480046
-  1
85440310 3x6.5x1mm Silver Aluminum Spacer 1mm
-  1
66401096
-  1
68480345 CVA(3x76mm)
-  1
68481256
-  1
77500267 2.3mm (Brown)
-  1
77500268 1.1mm (Brown)
-  1
77500218 1.9mm (Black)
-  1
77500216 0.8mm (Silver)

Corner Speed	
Stable	Aggressive
	
Nylon plastic 68480046-R	Aluminum 68480866-R



68480046-R	68480866-R
77500218 1.9mm	77500267 2.3mm
0.8mm	1.1mm
77500216	77500268
Nylon plastic	Aluminum



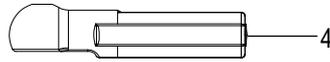
BAG
B

B4 Front Upper Turnbuckle Assembly

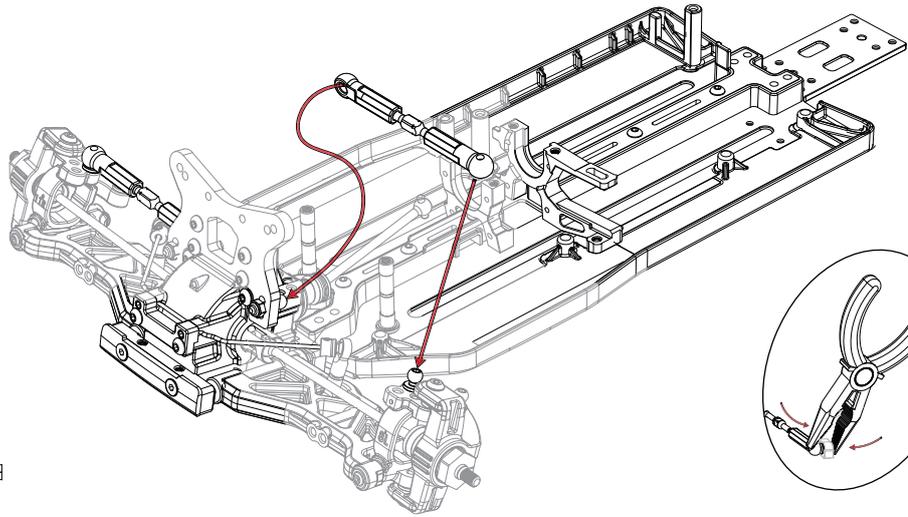
One side is reverse threaded.



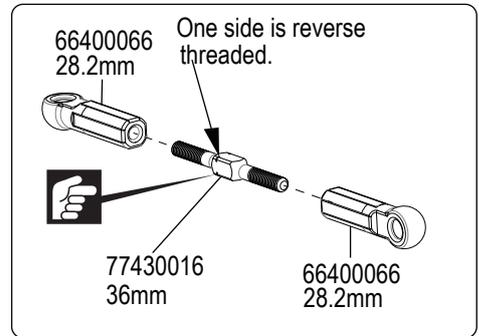
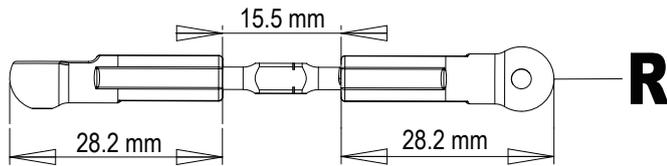
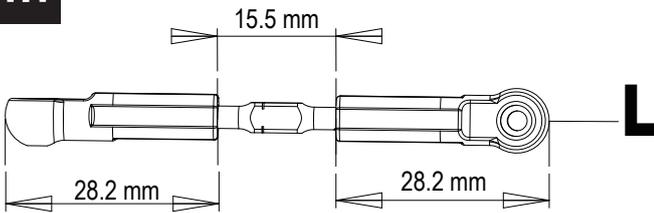
77430016 36mm Turnbuckles



66400066 28.2mm

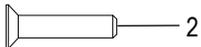


1:1

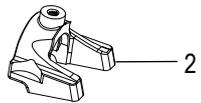


BAG
B

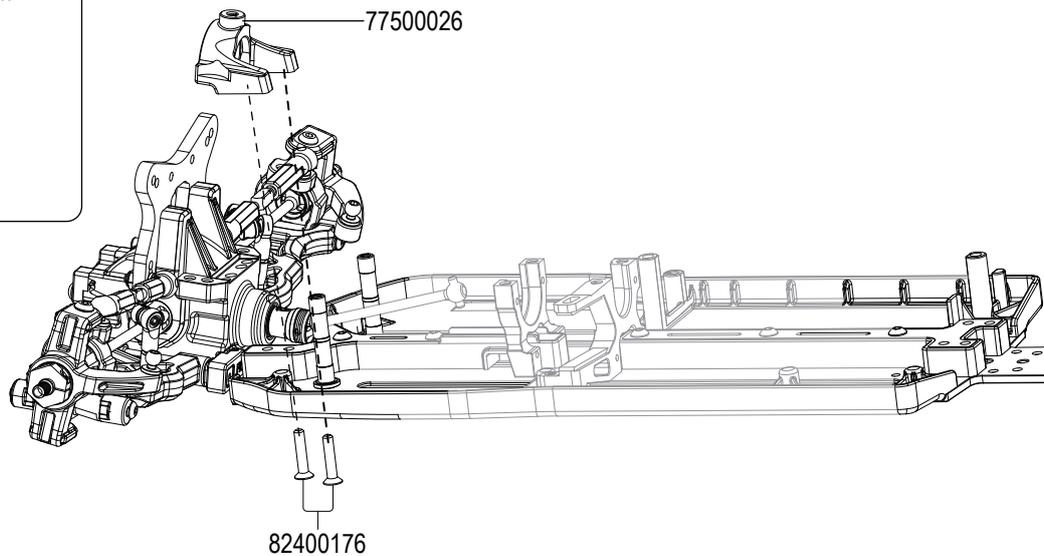
B5 Gearbox-Reinforcement (Front)



82400176 FHCS 3x15mm



77500026





C1 Rear Assembly RF Suspension Mount

4
80400046 BHCS M3x10mm

4
80400206 BHCS M3x12mm

2
82400016 FHCS M3x6mm

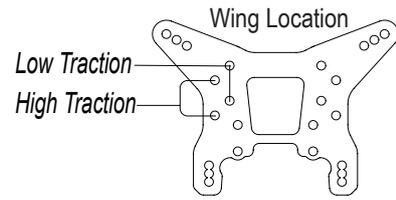
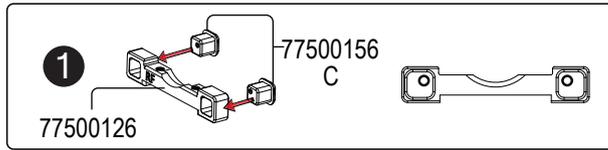
2
82400106 FHCS M3x10mm

2
82400176 FHCS M3x15mm

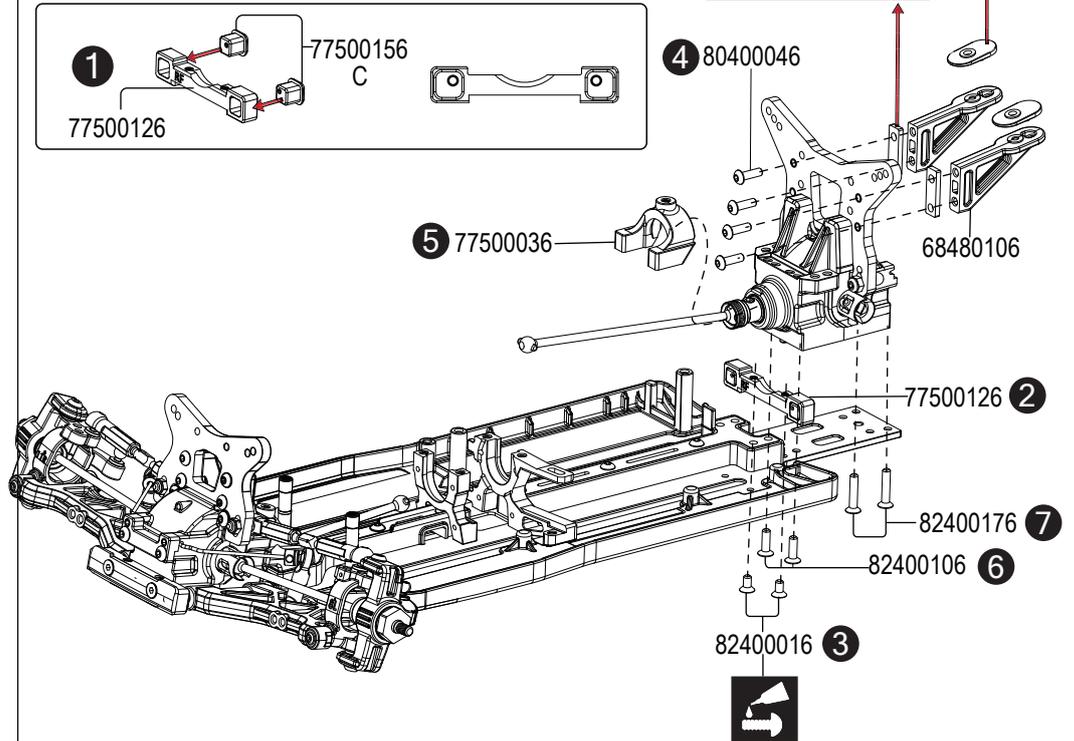
1
77500036

1
77500126 RF

2
68480106

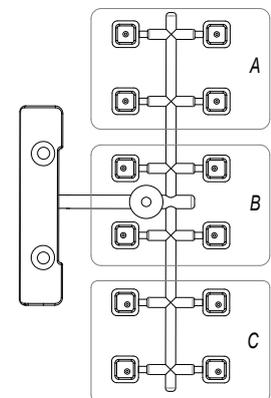


Need 3X12mm Screw



	RF	RR	TOE	SQUAT	RF	RR		
FRONT HANGER INSERTS			+1.6	0			+0.8	0
			+1.6	+0.7			0	0
			+1.6	+1.4			0	0
			+1.6	-0.7			+2.5	0
			+1.6	0			+1.6	0
			+1.6	+0.7			+0.8	0
			+1.6	-1.4			+3.0	0
			+1.6	-0.7			+2.5	0
			+1.6	0			+1.5	0
			+1.6	0			+3.5	+2

Note: (1) SB401 Plastic Antisquat

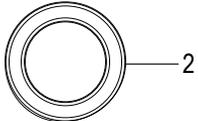


77500156
Suspension Hanger Insert

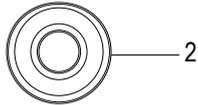
C2 Rear Left Hub Carrier Assembly

BAG C

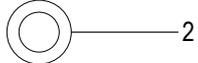
4
80400016 BHCSM2.5x4mm
(5.5mm)



2
89430030 10x15x4mm Bearing



2
89430020 5x13x4mm Bearing



2
85440090 Shim 5x8x0.1mm



2
68440090 Aluminium Clamping Wheel
Hex 12mm x 4.2mm

2
79480036 3x52mm Pin

2
79400036 3x36.8mm Pin

2
79400066 2x10.8mm Pin (Black)

2
79400086 2x9.8mm Pin (Silver)

2
66401096

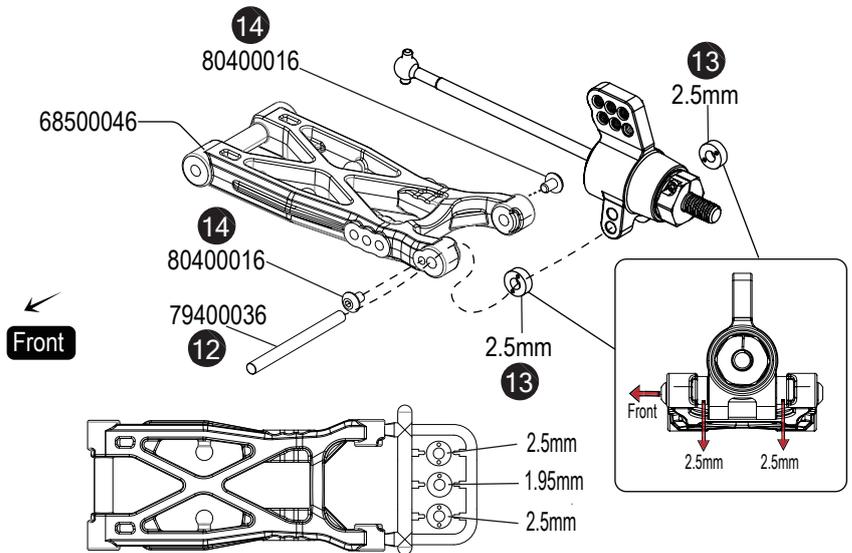
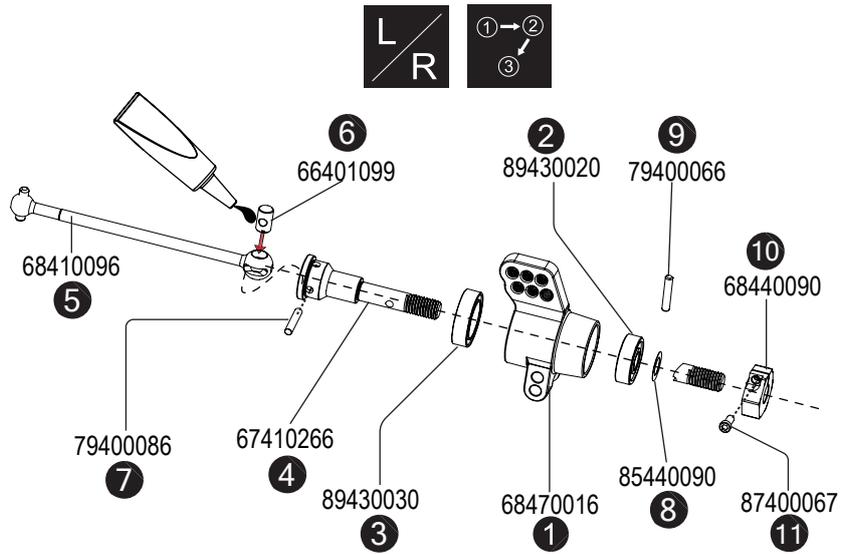
2
87400067 SHCS M2x6mm

2
68470016 Aluminum CNC Rear Hub

2
68410096 CVA(3x65mm)

2
67410266 Stub Axle m5

2
68500046 Rear Lower gull Wishbone

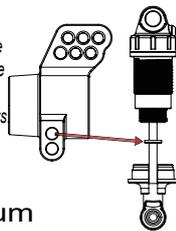


Precautions

When you use the upper hole, please add this spacer between the shafts

Up stop +1mm shim

Aluminum



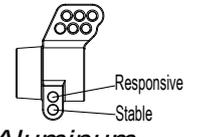
Corner Speed

Stable



Nylon plastic

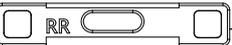
Responsive



Aluminum

BAG C

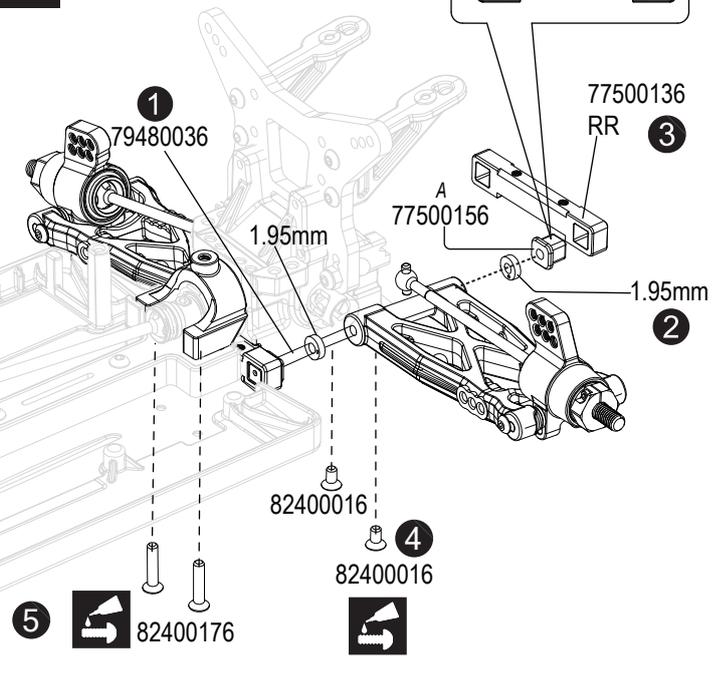
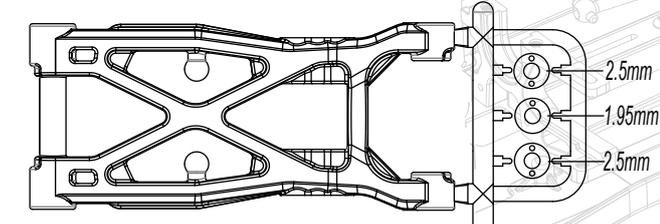
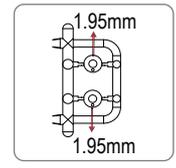
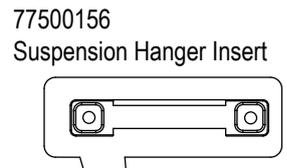
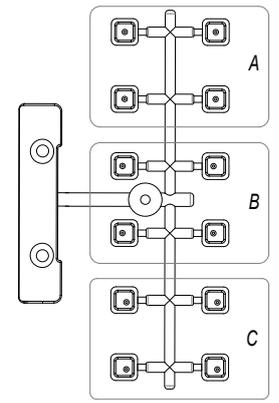
C3 Rear RR Suspension Mount

 2
 82400016 FHCS M3x6mm
 2
 82400176 FHCS M3x15mm
 -2
 79480036 3x52mm Pin -2
 1
 77500136 RR Suspension Mount

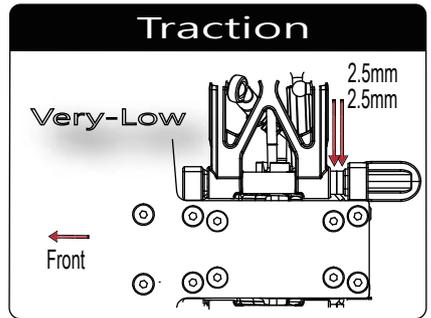
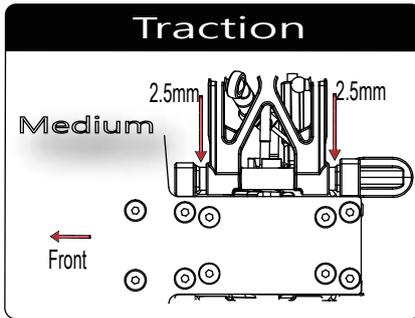
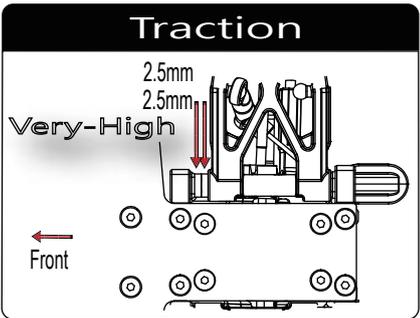
77500156

A	B	C

Note position



Track Conditions



Part Bags used.



Tighten securely.



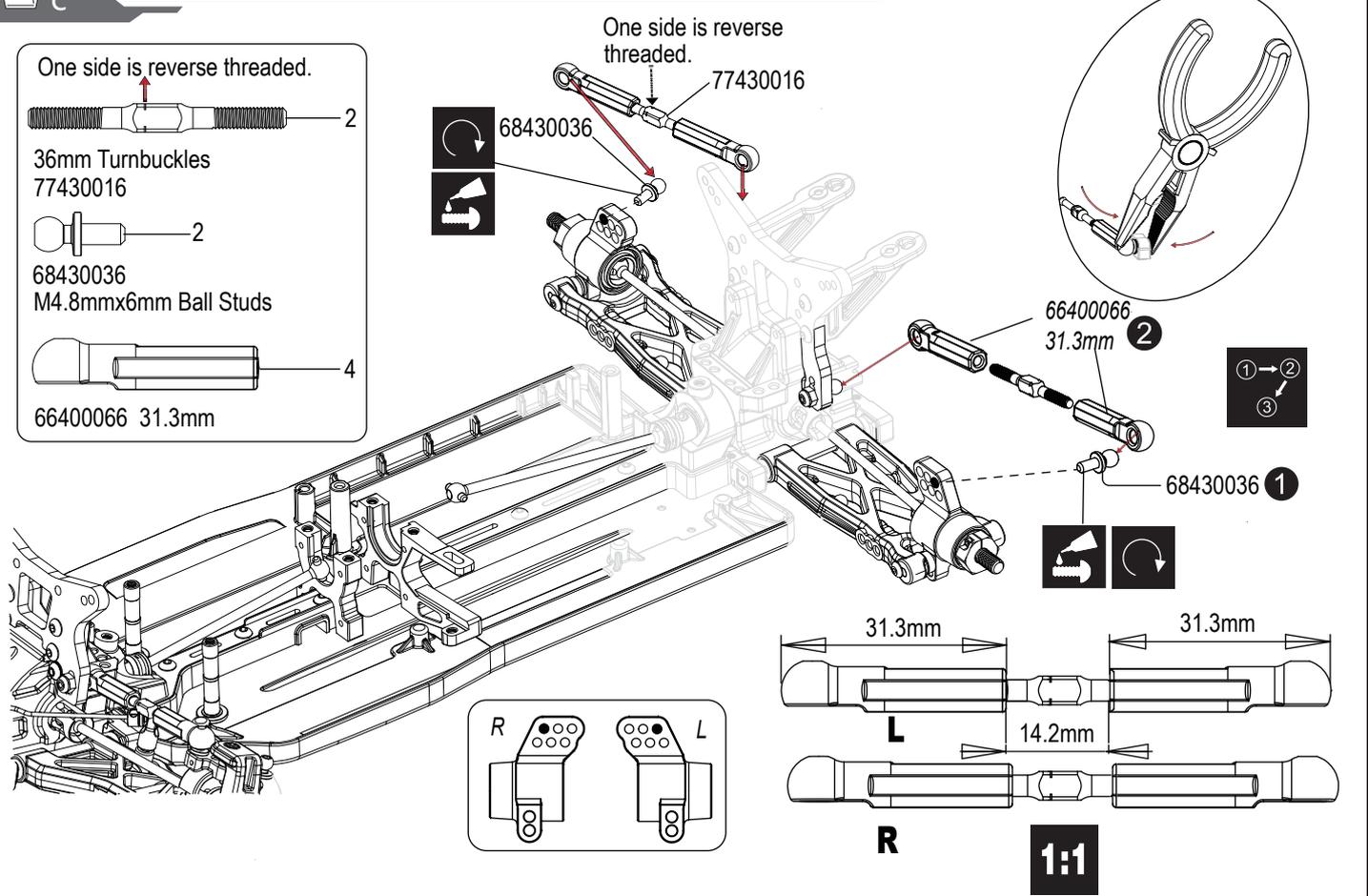
Apply threadlocker (screw cement)



Assemble in the specified order.

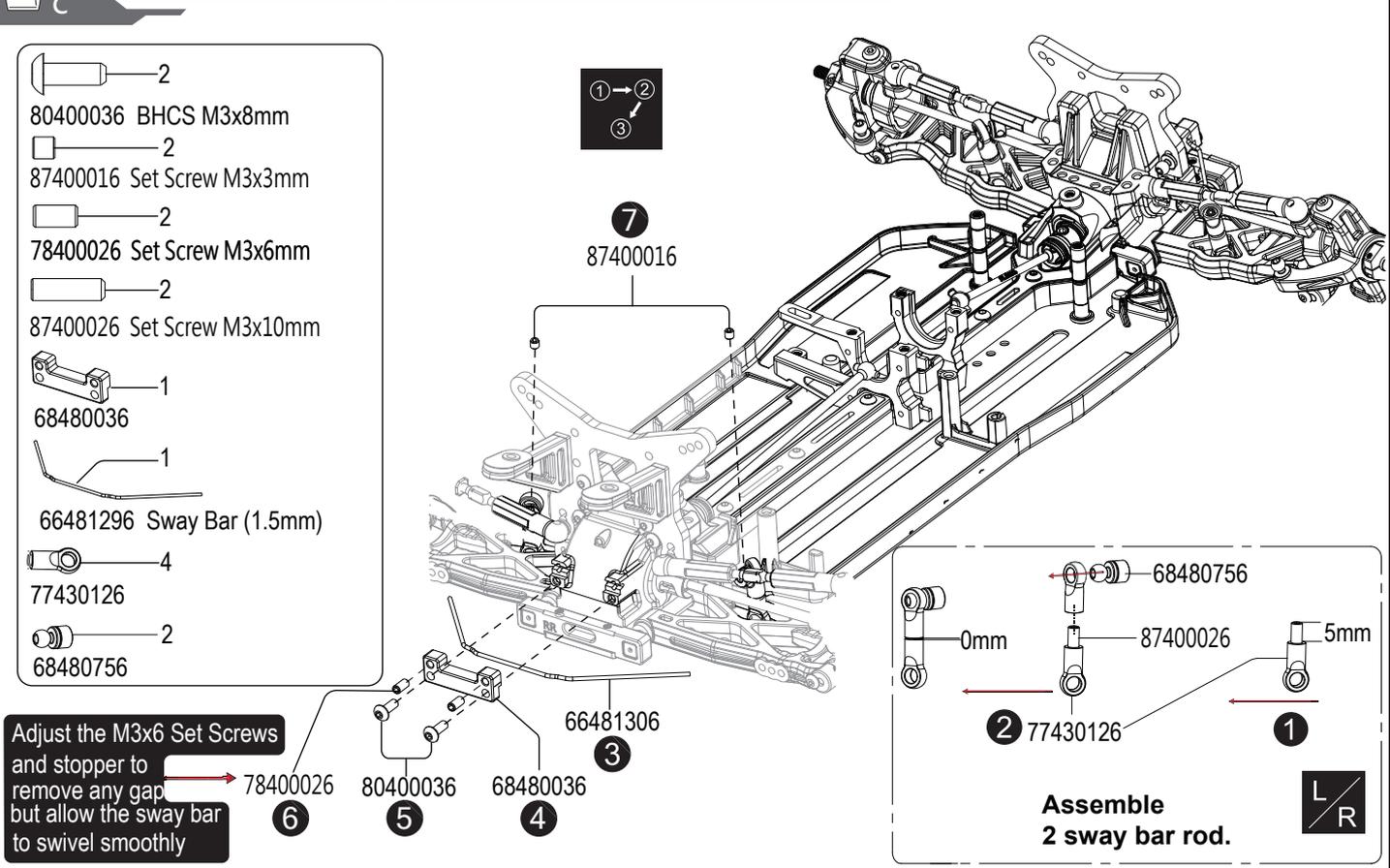
BAG C

C4 Rear Upper Turnbuckle Assembly



BAG C

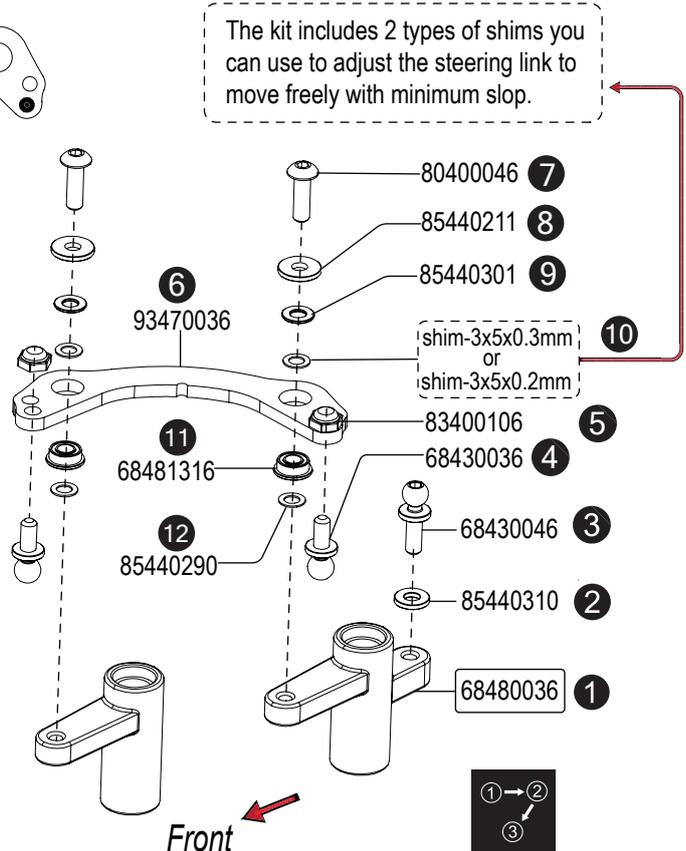
C5 Rear Sway Bar Installation



D1 Bell Crank Installation



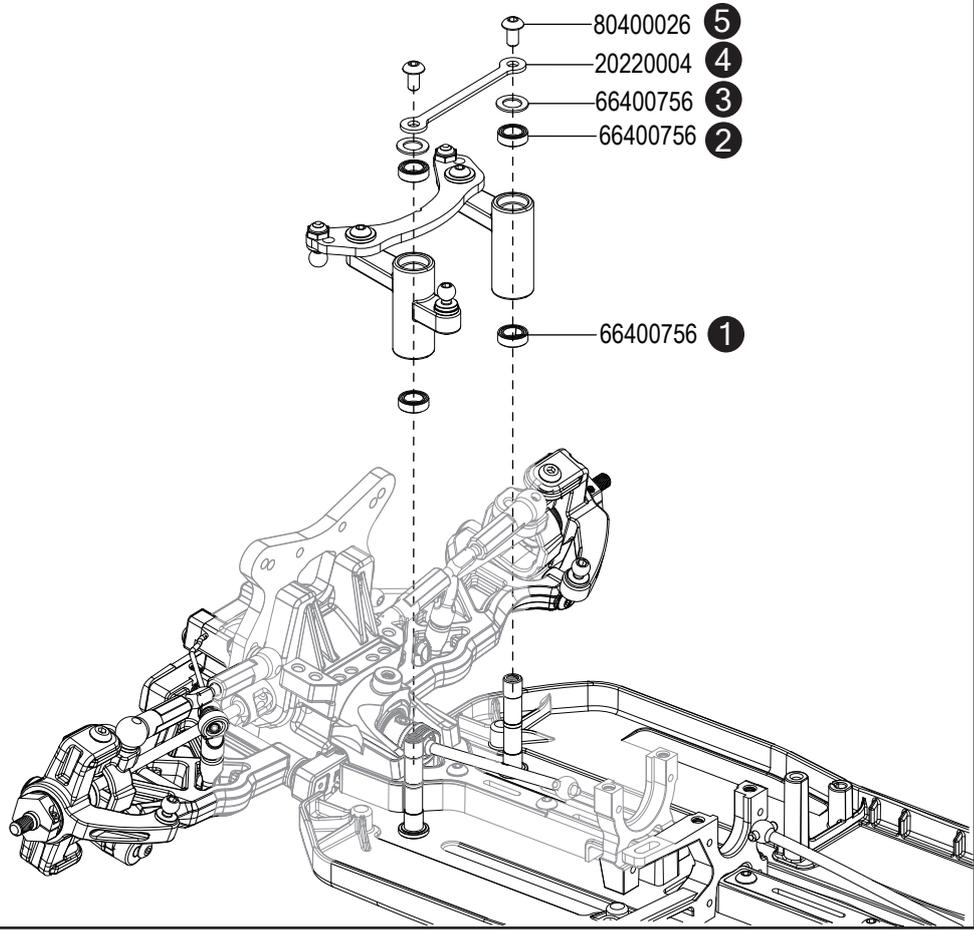
-  2
68430036 M4.8mmx6mm Ball Studs
-  1
68430046 M4.8mmx8mm Ball Studs
-  2
83400106 M3 Lock Nut
-  4
85440290 3x5x0.3mm Shim-Silver
-  2
85440020 3x5x0.2mm Shim-Silver
-  2
85440301 3x6x0.5mm Shim-Black
-  2
85440211 3x8x1mm Shim-Black
-  1
85440310 3x6.5x1mm Shim Silver Aluminum Spacer
-  2
80400046 BHCS M3x10mm
-  2
68481316 3x6mm Bearing
-  1
93470036 Carbon Ackerman Plat



D2 Steering



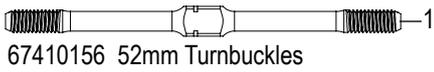
-  2
80400026 BHCS M3x6mm
-  4
66400756 5x8x2.5mm Ball Bearing
-  1
20220004
-  2
66400756 5x8x0.1mm Shim



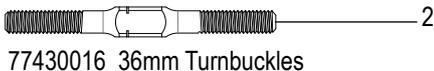
BAG
D

D3 Turnbuckle Assembly-Steering Rod

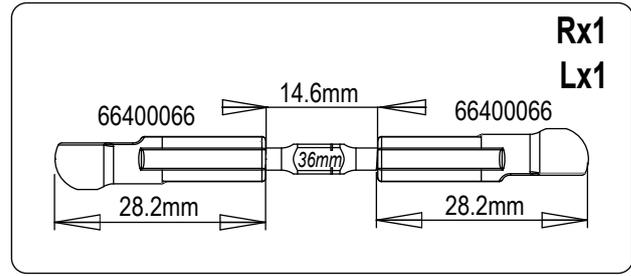
Steering Rod



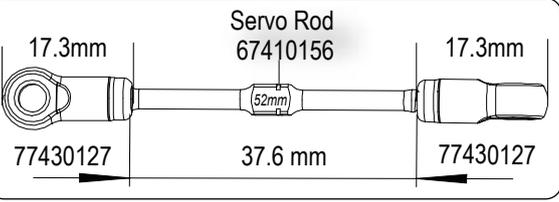
67410156 52mm Turnbuckles



77430016 36mm Turnbuckles



Rx1
Lx1



Servo Rod
67410156

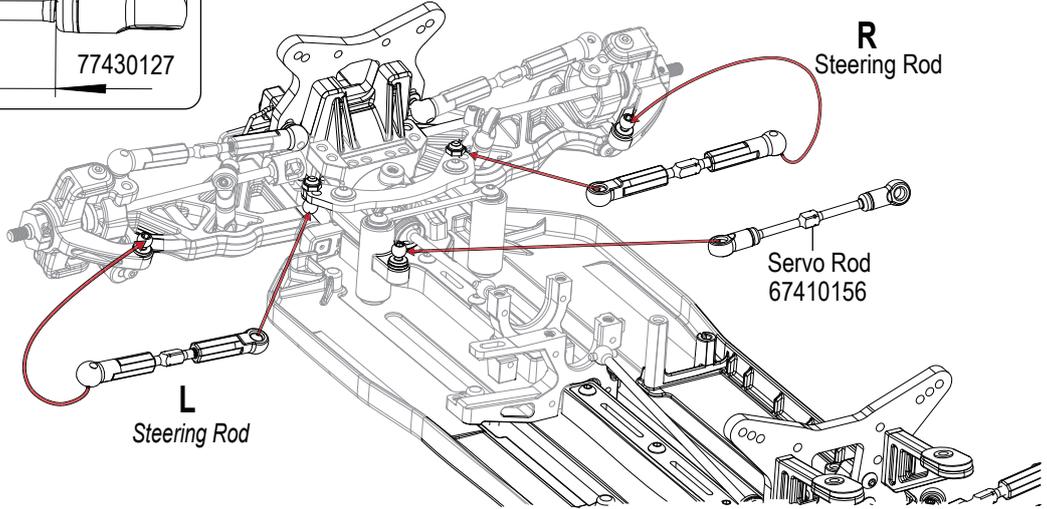
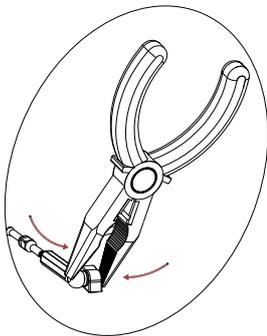
17.3mm

17.3mm

77430127

37.6mm

77430127



L
Steering Rod

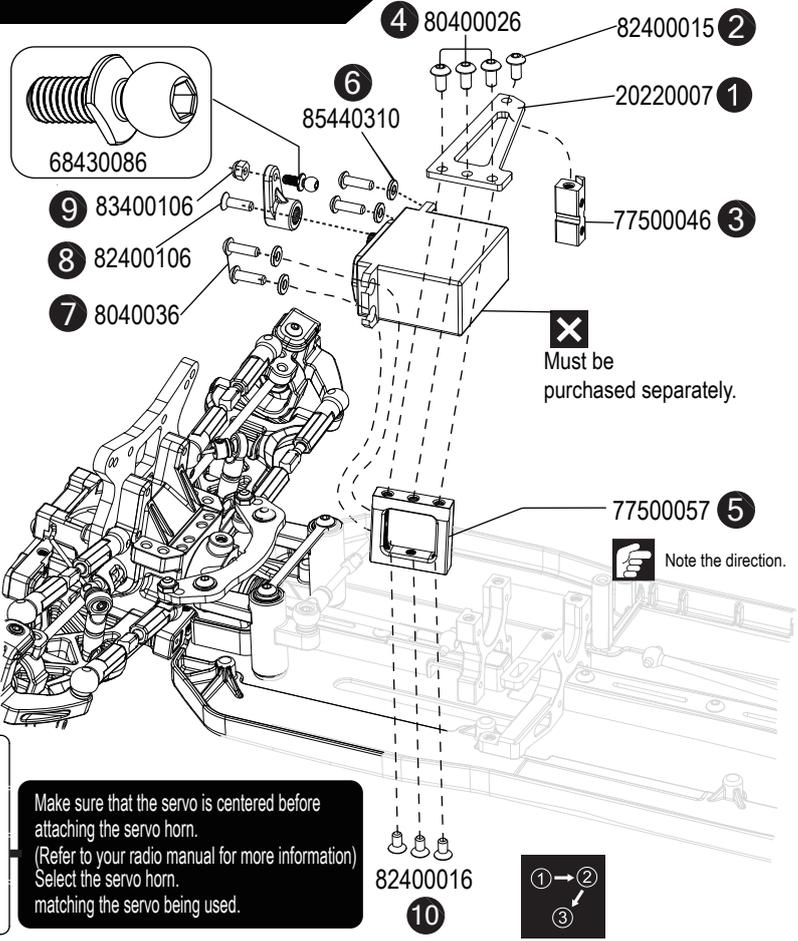
R
Steering Rod

Servo Rod
67410156

BAG
D

D4 Steering Servo

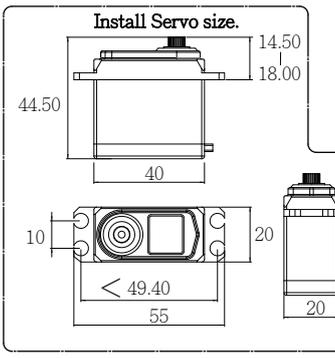
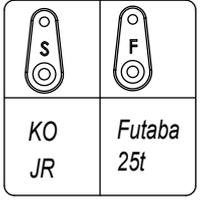
- | | |
|----------------------------|--|
| 1
82400015 BHCS M3x5mm | 1
83400026 M3 Lock Nut |
| 3
80400026 BHCS M3x6mm | 1
68430086 M4.8mmx6mm-0.8mm Ball Studs |
| 4
80400036 BHCS M3x8mm | 4
85440310 3x6.5x1mm Silver Aluminum Spacer |
| 1
82400106 FHCS M3x10mm | |
| 3
82400016 FHCS M3x6mm | |



X
Must be purchased separately.

Note the direction.

Servo Installation
66402466



Make sure that the servo is centered before attaching the servo horn.
(Refer to your radio manual for more information)
Select the servo horn matching the servo being used.

82400016
10



D5 Center Mount Plate

BAG
D

4
80400026 BHCS M3x6mm

1
20220008

77500306-PR SB401-R Slipper Clutch Set

High traction

80400026

20220008

77480106
PR SB401-R 80T
Central Differential Set

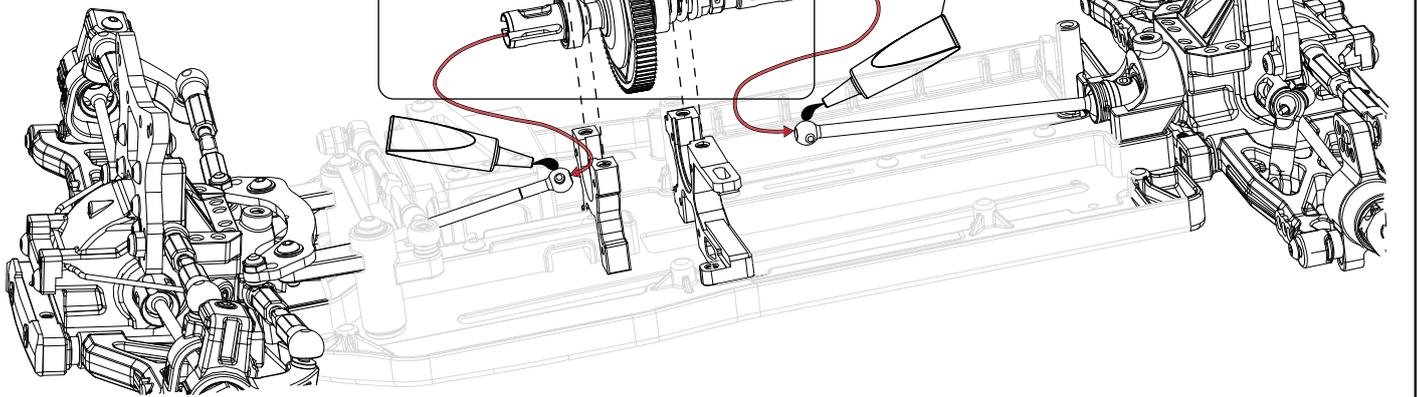
Low traction

Rear

Slipper Clutch use
66402636-CVA
(3x78mm)

Differential use
77500326-CVA
(3x97mm)

19460016
High Pressure Grease



D6 Battery Hold Down Installation

BAG
D

4
80400026
BHCS M3x6mm

2
80400206
BHCS M3x12mm

2
85440240 M3 antislip shims

2
85440301 3x6x0.5mm Shim

2
83400046 M3 Lock Nut

2
31430019
2x1.5mm O Rings

2
87400027
Set Screw M3x12mm

2
91400037

2
20220017

66430200 10

83400046 5

31430019 O Rings 4

80400026 3

20220017 2

80400206 6

85440240 7

85440301 8

66430200 1mm

91400037 9

83400046

31430019 O Rings

87400027

80400026

(screw cement)

(screw cement)

M3 Lock Nut

Set Screw M3x12mm

2x1.5mm O Rings

5mm

Do not over tighten.
Loosen the nut 1/2 to
1 turn to increase
chassis flex.

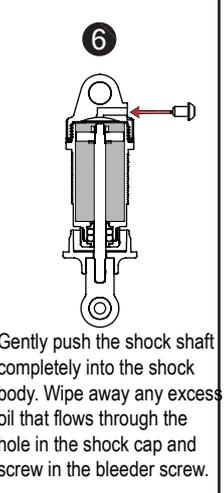
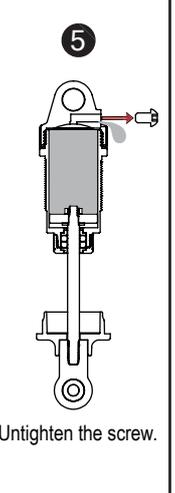
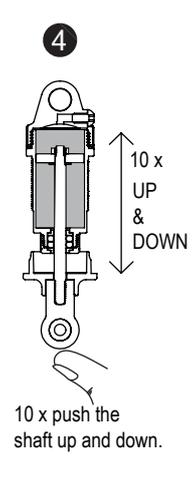
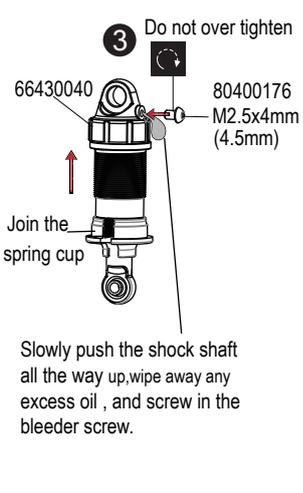
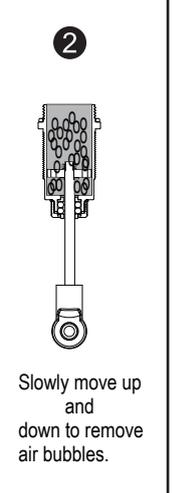
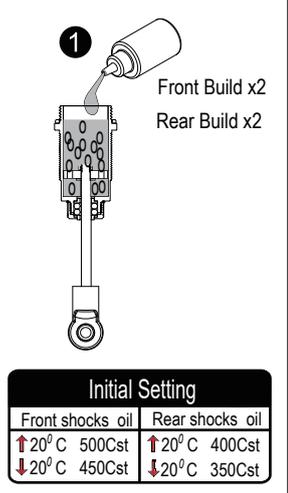
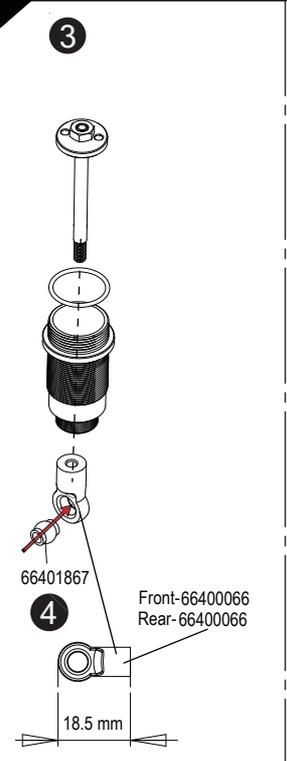
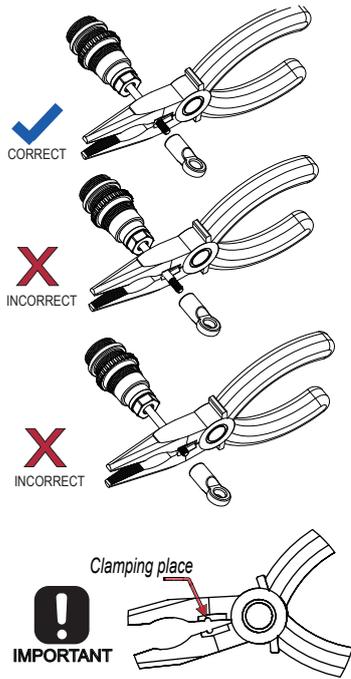
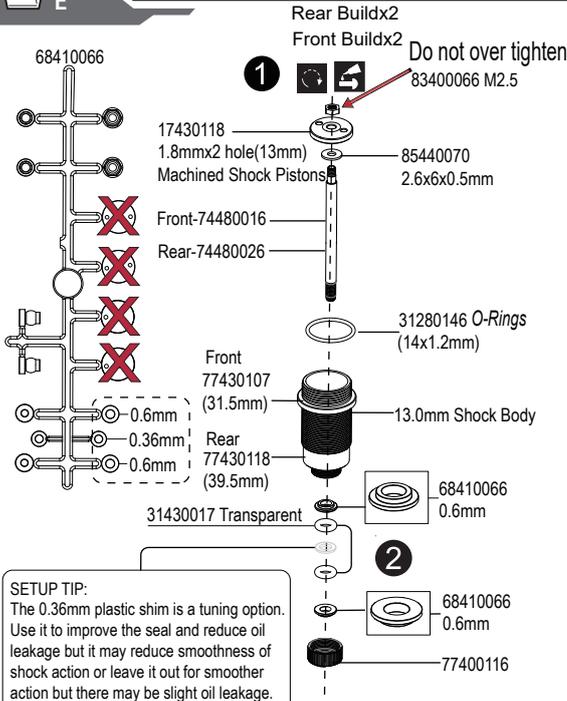
Corner Speed

20220017

Use this setup option to adjust the amount of chassis flex during cornering. A looser setting increases flex and in most conditions makes the car easier to drive.

E1 Front & Rear Shock Assembly

BAG
E



PR RACING

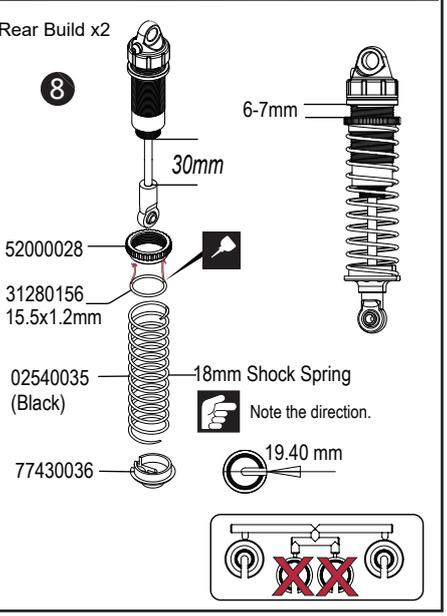
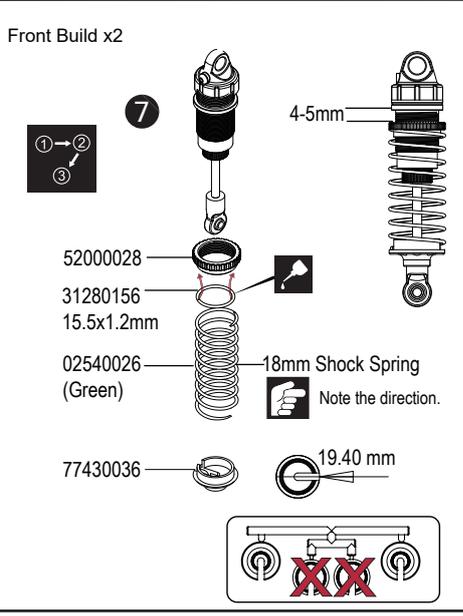
PR Racing ID18mm Shock Spring
PART NO: 62540002
Name: PR RACING Front Shock Set (18mm) (12) L 40mm

PART NO:	Color	kg/mm	lbs/in
02540023	Red	0.063	3.53
02540024	Yellow	0.068	3.81
02540025	Green	0.075	4.20
02540026	Black	0.080	4.48
02540027	Blue+Red	0.085	4.76
02540028	white+yellow	0.090	5.04

Option

PR Racing ID18mm Shock Spring
PART NO: 62540003
Name: PR RACING Rear Shock Set (18mm) (12) L 55mm

PART NO:	Color	kg/mm	lbs/in
02540032	Red	0.040	2.24
02540033	Yellow	0.045	2.52
02540034	Green	0.050	2.80
02540035	Black	0.055	3.08
02540036	Blue+Red	0.060	3.36
02540037	white+yellow	0.065	3.64



E2 Front & Rear Shock Installation

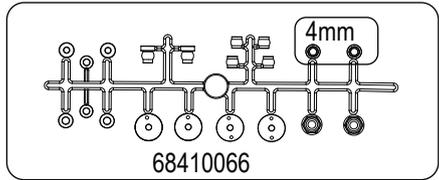
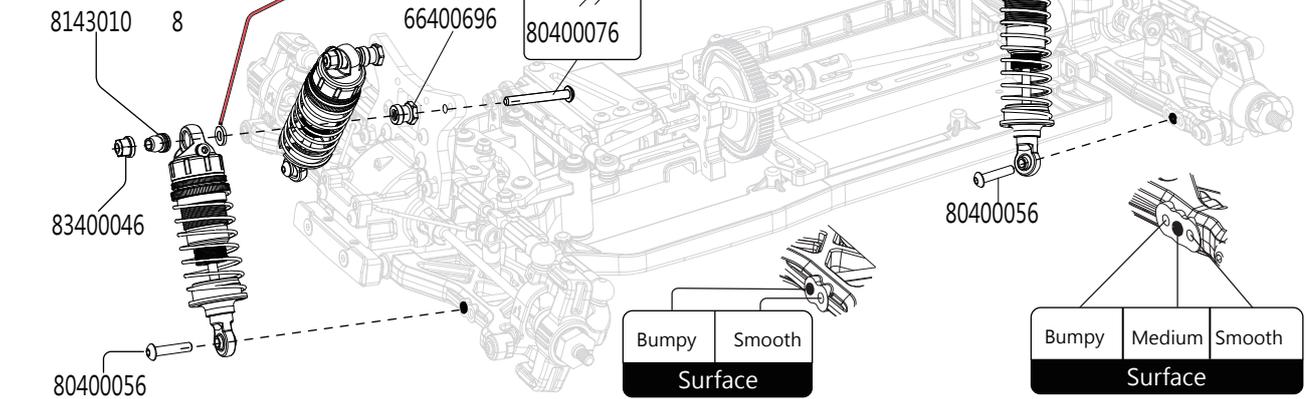
BAG E

- 80400076 BHCS M3x25mm — 2
- 80400126 BHCS M3x28mm — 2
- 66400696 — 4

- 80400056 BHCS M3x14mm — 4

- 81430108 Aluminum — 4

- 83400046 M3 Lock Nut — 4



BAG E

E3 Motor Installation

- 80400046 BHCS M3x10mm — 2

- 82400036 FHCS M3x12mm — 2

- 80400026 BHCS M3x6mm — 2

- 82400096 FHCS M2.6x6mm — 2

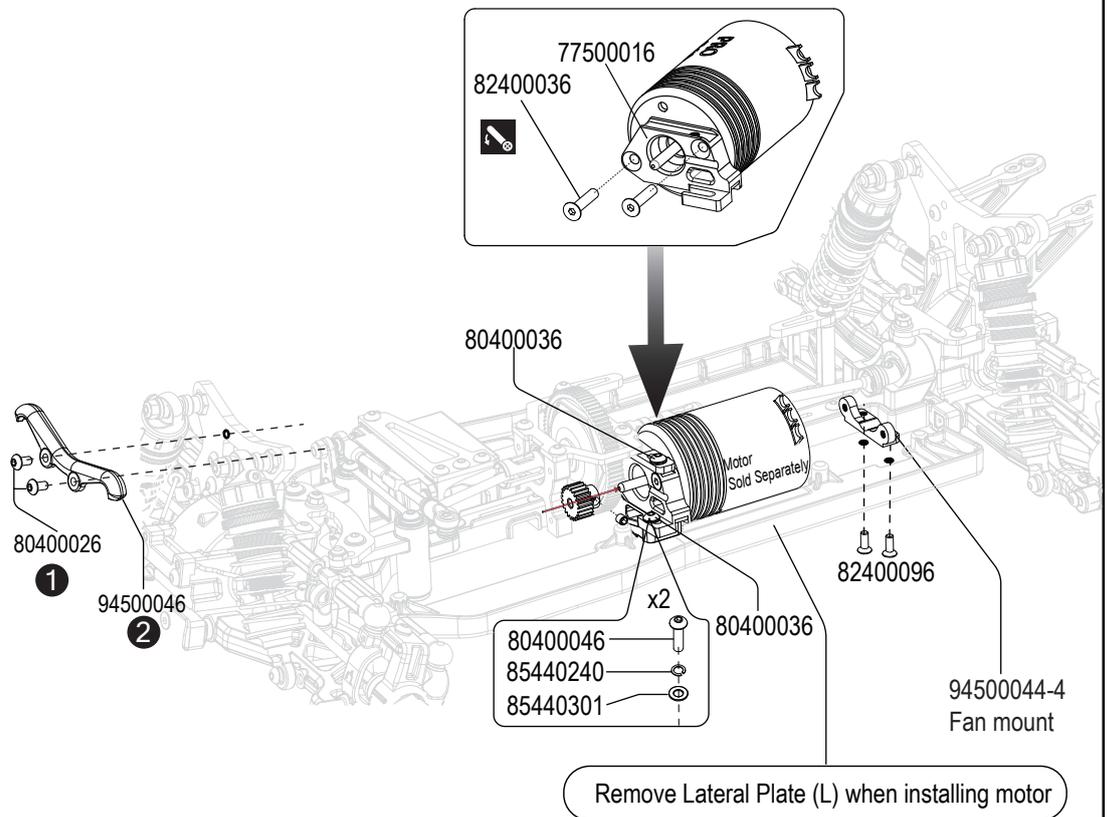
- 85440240 M3 Antislip Shims — 2

- 85440301 3x6x0.5mm Shims — 2

- 94500046 Front Shock Tower Guard — 1

- 77500016 Motor Mount — 1

- 94500044-4 Fan mount — 1



Part Bags used.

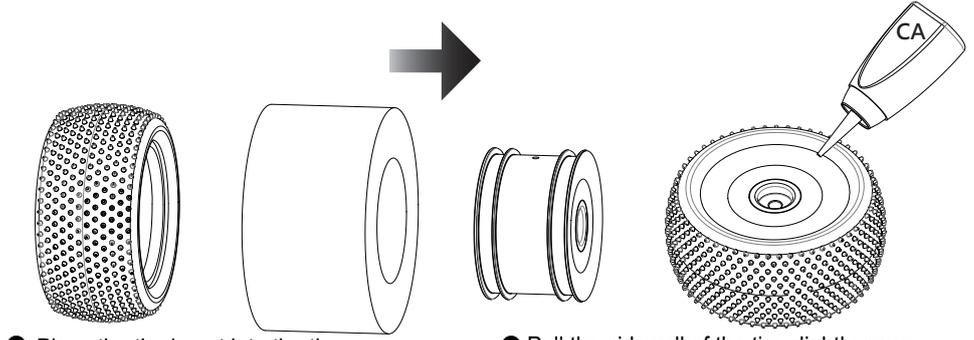
Assemble left and right sides the same way.

Ensure smooth non-binding movement while assembling.

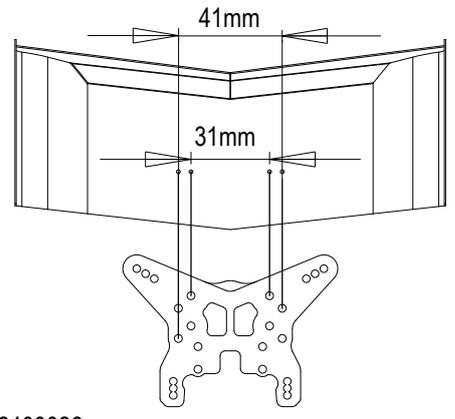
E4 Mounting Tires Wheel Installation

BAG
E

-  2
82400026 FHCS M3x8mm
-  2
82400036 FHCS M3x12mm
-  2
83400076
M4 Serrated flange nut
-  2
83400117
M5 Nut with 7mm Hex Steel



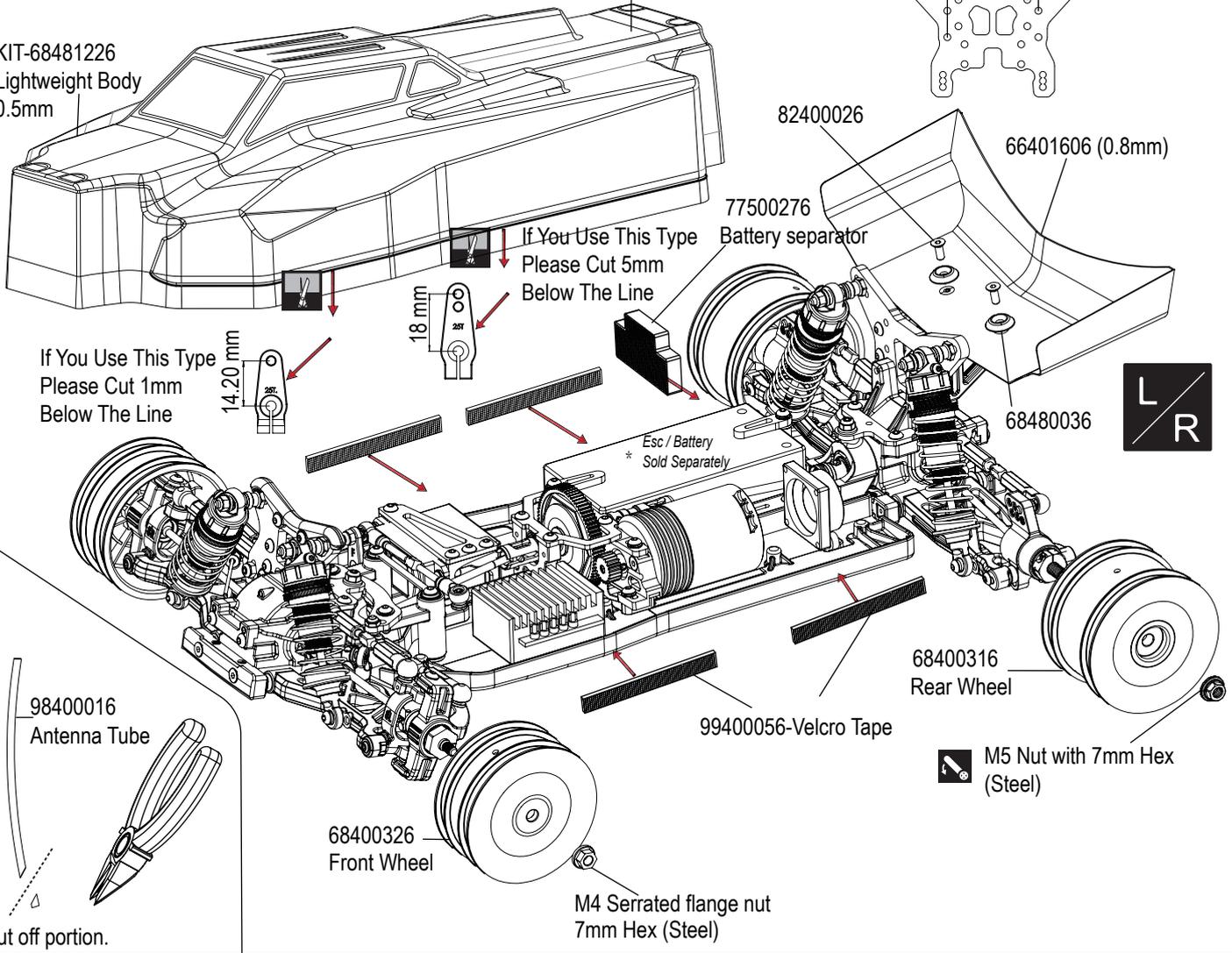
- Place the tire insert into the tire and tire into the wheel.
- Tire and insert (Sold separately)
- CA(Cyanoacrylate) glue sold separately.
- Pull the sidewall of the tire slightly away from the rim Apply CA(Cyanoacrylate) glue in between the tire bead and rim



- Body and Wing Cutting
- Wash the inside of the body with 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 before painting.

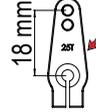
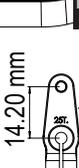
OP-68481076
Body-0.8mm

KIT-68481226
Lightweight Body
0.5mm



If You Use This Type
Please Cut 5mm
Below The Line

If You Use This Type
Please Cut 1mm
Below The Line

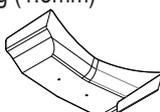
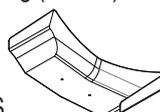
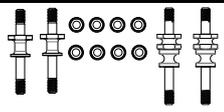
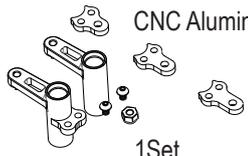
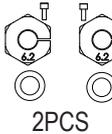
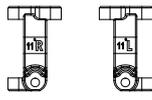
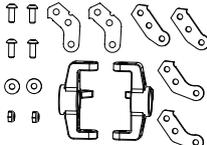
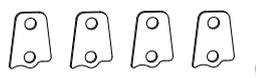
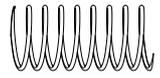
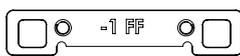
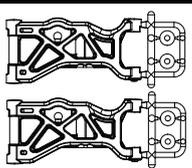
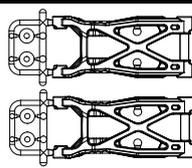
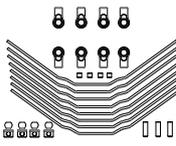
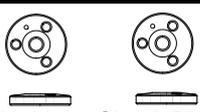
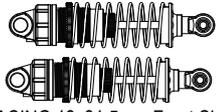
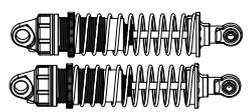
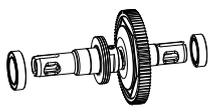
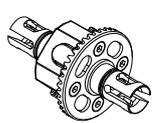


Esc / Battery
* Sold Separately



 M5 Nut with 7mm Hex (Steel)

M4 Serrated flange nut
7mm Hex (Steel)

<p>66402697</p> <p>Wing (1.5mm)</p>  <p>1PCS</p>	<p>66400286</p> <p>Wing (1.0mm)</p>  <p>1PCS</p>	<p>85430016</p>  <p>Aluminum Wing Mount Washer 2PCS</p>	<p>68481076</p> <p>R- Body 0.8mm</p>  <p>1PCS</p>
<p>81430106</p>  <p>1Set</p> <p>Front Rear Steel Shock Stand off Set</p>	<p>66402256</p>  <p>1PCS</p> <p>Servo Saver Post</p>	<p>66402266</p>  <p>1PCS</p> <p>Servo Saver Nut</p>	<p>68480526</p>  <p>1PCS</p> <p>Servo Saver Spring</p>
<p>66481256</p>  <p>1Set</p> <p>CNC Aluminium</p>	<p>90440010</p>  <p>2PCS</p> <p>Rear 6.2mm</p>	<p>68480976</p>  <p>1pr</p> <p>Aluminum 11 Degree SB401 Front Spindle Carrier R-L</p>	<p>77480160</p>  <p>1PR</p> <p>Aluminum Steering Knuckles</p>
<p>94500011</p>  <p>(4)</p> <p>PRSB401 Shock Plate +1mm</p>	<p>62540002</p>  <p>6 pr</p> <p>PR RACING Front Shock Set (18mm)</p>	<p>62540003</p>  <p>6 pr</p> <p>PR RACING Front Shock Set (18mm)</p>	<p>77510020</p>  <p>1pcs</p> <p>FR Suspension Mount -2mm narrower</p>
<p>77510010</p>  <p>1PCS</p> <p>FF Suspension Mount -2mm narrower</p>	<p>77510030</p>  <p>1PCS</p> <p>SB401R FF-1mm</p>	<p>77510040</p>  <p>1PCS</p> <p>SB401R FR-1mm</p>	<p>68430090</p>  <p>14.2mm 1pcs</p> <p>Aluminum Servo Horn</p>
<p>77500076</p>  <p>2PCS</p> <p>Graphite Front set Hard</p>	<p>77500336</p>  <p>2PCS</p> <p>Graphite Front set Hard</p>	<p>77480136</p>  <p>1SET</p> <p>Sway Bar Set</p>	<p>17430117</p>  <p>(4)</p> <p>PR Machined Shock Pistons (13mm)1.7mmx3 Hole (4)</p>
<p>94500029</p>  <p>(2)</p> <p>PR RACING 13x31.5mm Front Shock Set (18mm spring) (2)</p>	<p>94500030</p>  <p>(2)</p> <p>PR RACING 13x39.5mm Rear Shock Set (18mm spring)(2)</p>	<p>77500065</p>  <p>(1)</p> <p>PR SB401-R Front One-Way seat (1)</p>	<p>77480126</p>  <p>(1)</p> <p>SB401 R Differential Assembly (1)</p>

PR SB401 PR RACING TYPE R

2026 PR SB401-R 1/10 Electric 4wd Off Road Buggy Kit
(Center Diff+Sliper Clutch Version) ITEM NO:77500296

Race		Name	
Track		Date	
Temperature	C	F	Best Lap Time
			sec

FRONT

Front Upper Turnbuckle Camber mm

Steering Rod TOE In Out mm

mm ALU C-Hub Shim

Anti-Roll mm

Offset Silver 4.2 mm Black mm

Caster 5° 8° 11°

Shock Body	<input type="checkbox"/> 13.0mm	<input type="checkbox"/> 12.8mm
Oil		
Pistons	Holes	mm
Downstop	Shim	mm
Up stop	Shim	mm
Length		mm
O Rings	<input type="checkbox"/> transparent <input type="checkbox"/> Red	

Camber	
Ride Height	mm
TOE In Out	
Type R Shock Spring	

TRACK

Size	<input type="checkbox"/> Open	<input type="checkbox"/> Medium	<input type="checkbox"/> Tight
Traction	<input type="checkbox"/> Very-Low	<input type="checkbox"/> Medium	<input type="checkbox"/> Very-High
Surface	<input type="checkbox"/> Smooth	<input type="checkbox"/> Medium	<input type="checkbox"/> Bumpy
Type	<input type="checkbox"/> Clay	<input type="checkbox"/> Carpet	<input type="checkbox"/> Astro
Condition	<input type="checkbox"/> Blue Groove	<input type="checkbox"/> Hard Packed	<input type="checkbox"/> Dry
	<input type="checkbox"/> Dusty	<input type="checkbox"/> Loamy	<input type="checkbox"/> Wet

REAR

Aluminum

Anti-Roll mm

Nylon plastic

Aluminum

mm Camber

Offset Silver 4.2 mm Black 5.2 mm Brass mm

Shock Body 13.0mm 12.8mm

Pom Shim 0.36mm

Oil	
Pistons	Holes
Downstop	Shim
Up stop	Shim
Length	mm
O Rings	<input type="checkbox"/> transparent <input type="checkbox"/> Red

Camber	
Ride Height	mm
TOE In	
Type R Shock Spring	

Motor	
Spur Gera	T
Pinion	T
Esc	
Servo	<input type="checkbox"/> Std. Profile Servo <input type="checkbox"/> Low Profile Servo
Battery Size	<input type="checkbox"/> Std. Short <input type="checkbox"/> Low Short
Front	Radio System
Tire	ST-DR
Inserts	ST-EXP
Wheels	ST-Speed
Rear	Radio System
Tire	TH-DR
Inserts	TH-EXP
Wheels	TH-Speed
Body	<input type="checkbox"/> Standard <input type="checkbox"/> Light
Wishbone	<input type="checkbox"/> Front <input type="checkbox"/> Rear <input type="checkbox"/> Front <input type="checkbox"/> Rear <input type="checkbox"/> Medium Hardness <input type="checkbox"/> High Hardness Graphite

Aluminum Steering Knuckles # A2 # A3 # A4

Locknut Relaxnut

Servo Horn op standard

Front Rear

Battery Spacer

Sliper Clutch Spring 3.6kg/mm 7.0kg/mm

Cooling Fan

Arm Shim mm

mm Arm Shim

mm Rear Hub Shim

mm Rear Hub Shim

wing Length mm

Wing Thickness mm

Wing Cutting Line mm

Apply CA Glue if needed

Cut pins

CNC Aluminium

- 66480306 Sliper Pad 11mm (included)
- 68430016 Sliper Pad 19mm
- 66481386 LCF Sliper Pads 11mm
- 66481396 LCF Sliper Pads 19mm

Front Oil # 2/Gear 4/Gear

Rear Oil # 2/Gear 4/Gear

Central Differential Oil # 2/Gear 4/Gear

Chassis Flex Kit Chassis Op Chassis

SCREW USED SCREW NOT USE

Pinion Spur Gear

66480986	PR Racing 48P Pinion (3.17mm ID) (18T)*1pcs	66481576	PR Racing 48P Pinion (3.17mm ID) (26T)*1pcs
66480996	PR Racing 48P Pinion (3.17mm ID) (19T)*1pcs	66481586	PR Racing 48P Pinion (3.17mm ID) (27T)*1pcs
66481006	PR Racing 48P Pinion (3.17mm ID) (20T)*1pcs	66481596	PR Racing 48P Pinion (3.17mm ID) (28T)*1pcs
66400556	PR Racing 48P Pinion (3.17mm ID) (21T)*1pcs	66481606	PR Racing 48P Pinion (3.17mm ID) (29T)*1pcs
66480096	PR Racing 48P Pinion (3.17mm ID) (22T)*1pcs	66481616	PR Racing 48P Pinion (3.17mm ID) (30T)*1pcs
66480106	PR Racing 48P Pinion (3.17mm ID) (23T)*1pcs	66481626	PR Racing 48P Pinion (3.17mm ID) (31T)*1pcs
66480116	PR Racing 48P Pinion (3.17mm ID) (24T)*1pcs	66481636	PR Racing 48P Pinion (3.17mm ID) (32T)*1pcs
66481566	PR Racing 48P Pinion (3.17mm ID) (25T)*1pcs	66481646	PR Racing 48P Pinion (3.17mm ID) (33T)*1pcs

68000100	73T Spur Gear (For SB401)*1pcs
68400196	75T Spur Gear (For SB401)*1pcs
68400206	77T Spur Gear (For SB401)*1pcs
68400216	81T Spur Gear (For SB401)*1pcs

*Gear Ratio Chart-Internal Gear Ratio 2.6:1
Pinion gears they will fit.*

Pinion	17T	18T	19T	20T	21T	22T	23T	24T	25T	26T	27T	28T	29T	30T
73T(Spur Gear)					9.04	8.63	8.25	7.91	7.59	7.30	7.03	6.78	6.54	6.33
75T(Spur Gear)				9.75	9.29	8.86	8.48	8.13	7.80	7.50	7.22	6.96	6.72	
77T(Spur Gear)			10.54	10.01	9.53	9.10	8.70	8.34	8.01	7.70	7.41	7.15		
80T(Spur Gear)		11.56	10.95	10.40	9.90	9.45	9.04	8.67	8.32	8.00	7.70			
81T(Spur Gear)	12.39	11.70	11.08	10.53	10.03	9.57	9.16	8.78	8.42	8.10				

PR5B401

PR RACING
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2026 1.0.0 Version