

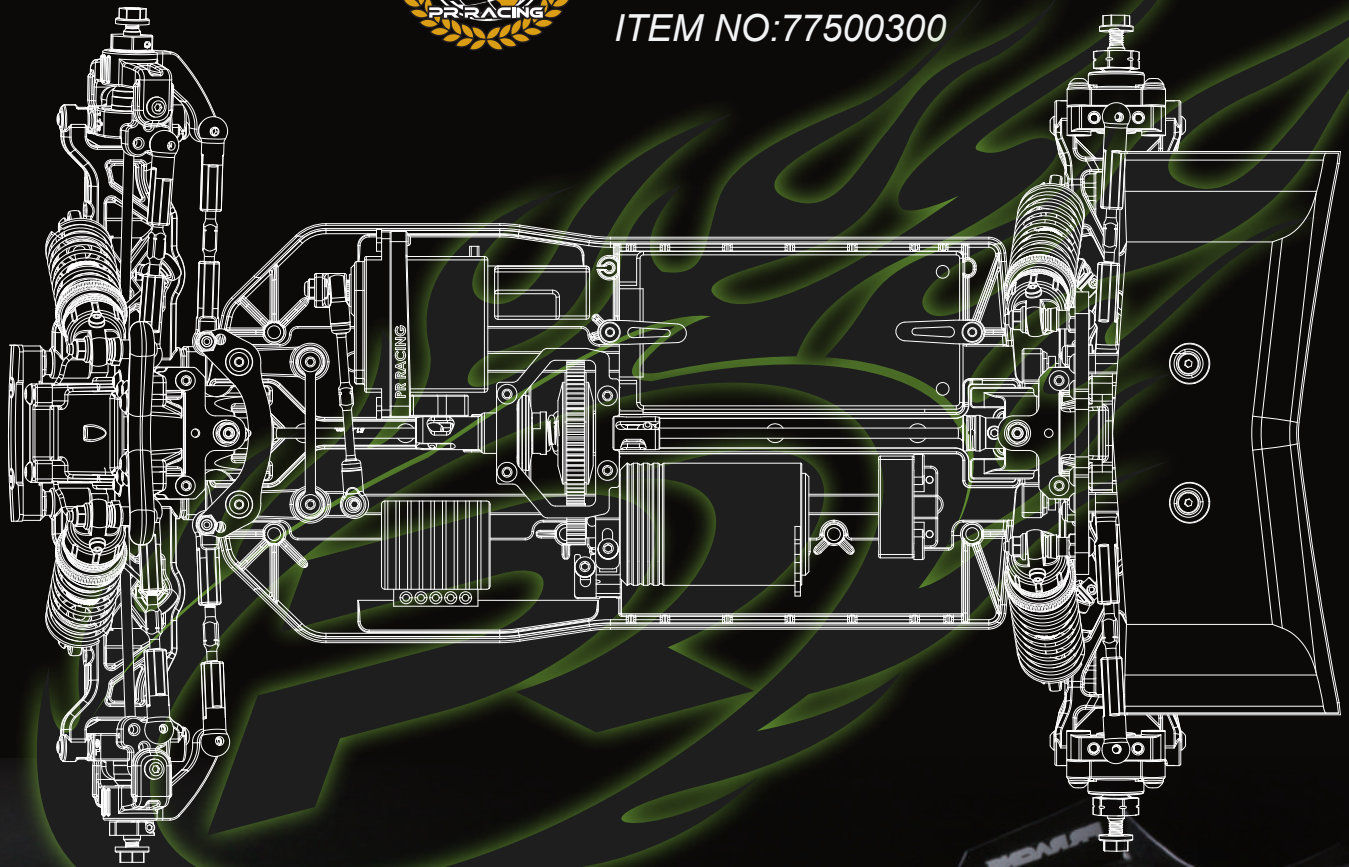
PR SB401



PR RACING
TYPE



ITEM NO:77500300



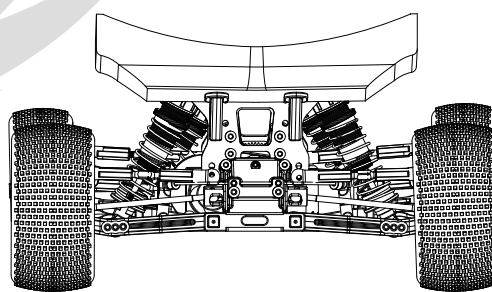
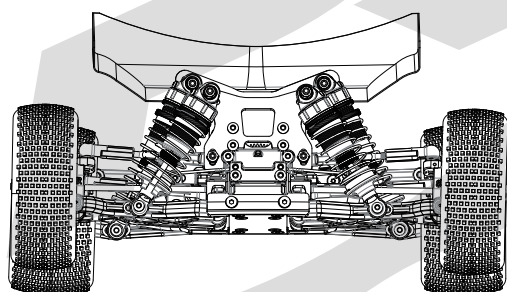
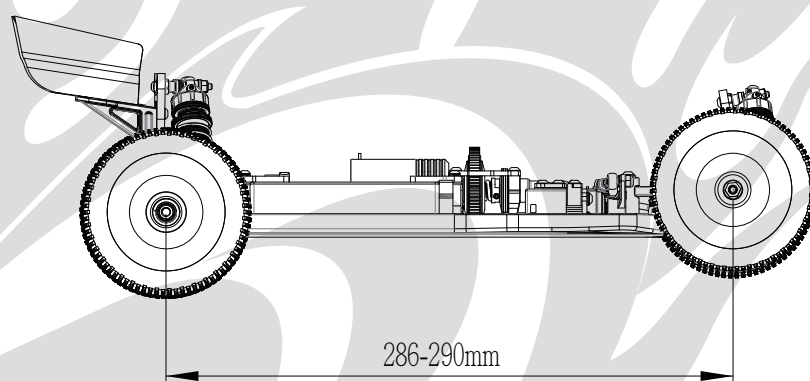
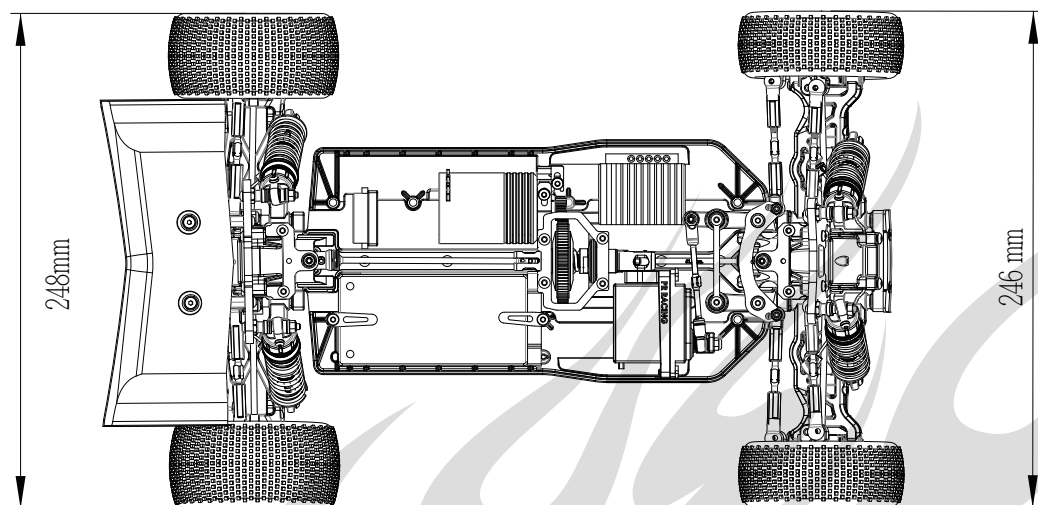
mit
MADE IN TAIWAN

2026 PR SB401-R 1/10 4WD Off-Road Electric Buggy Kit Carpet (One-Way Slipper Clutch Version)



PR RACING

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



2026 SB401R Features

Carpet (One-Way Slipper Clutch Version)

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

NEW-20220018-PR SB401R Carbon Fibre Front Shock Tower V2

NEW-94500046-Front Shock Towers Covers

NEW-20220019-SB401R Carbon Fibre Rear Shock Tower V2

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-20220021-SB401R Aluminum Servo Mount V2

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

NEW-74500039-Servo carbon fiber spacer 1.5mm

NEW-77430015-34mm Hard Steel Turnbuckle

NEW-77510030-SB401R FF Suspension Mount -1mm narrower

NEW-77510040-SB401R FR Suspension Mount -1mm narrower

NEW-77500065-SB401R Front One-Way seat

NEW-66402627- Rear CVA Bone 69mm

NEW-71400702-Aluminum Rear Hub Carrier (A)

NEW-71400712-Stub Axle 4mmx34.5mm

NEW-68480987-SB401R Forwarded shock tower gear case (rear) +7mm

NEW-68440095-12x6mm Clamping Wheel Hex Set

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

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

NEW-70220018-Rear Hub Carrier

Specifications

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

Power Source: Electric

Wheelbase:286-290mm (variable)

Width:246-248mm

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
A1.1 Chassis Brace Installation	
A1.2 Motor Mount & Sponge	
A2 Gear Diff Assembly	
A3 Front One-Way seat	
A4 Gear Box Assembly Front Shock Tower Installation	
A5 Gear Box Assembly Rear Shock Tower Installation	
● BAG B -----	09-13
B1 FR Suspension Mount Installation	
B2.1 Front Hub Carrier Assembly (Left Side)	
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	
● BAG E -----	21-23
E1 Front & Rear Shock Assembly	
E2 Front & Rear Shock Installation	
E3 Motor Installation	
E4 Mounting Tires Wheel Installation	
● Upgrade Parts -----	24
● Setup Sheet -----	25
● Pinion Spur Gear -----	26

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.



Note the direction.



Must be purchased separately.



Assemble in the specified order.



Assemble left and right sides the same way.



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



True-to-scale diagram.



Apply threadlocker (screw cement)



Apply grease.



Apply oil.



Tighten securely.



Do not over tighten.



Ensure smooth non-binding movement while assembling.



Cut off shaded portion.

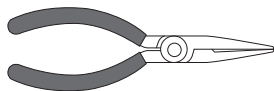
HEALTH WARNING

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



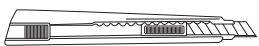
- Awl



- Grease



- Sharp Hobby Knife



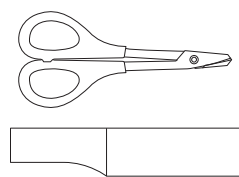
- Wire Cutters



- Screw Cement

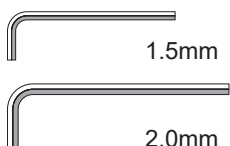


- Round Cutter & Sander



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

- Hex Wrench



- SP Knife Edge Reamer

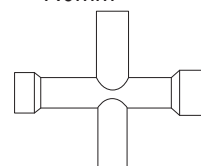


- Do not pre-drill as precise drilling of 1mm to 15mm holes can be performed after body shell painted.



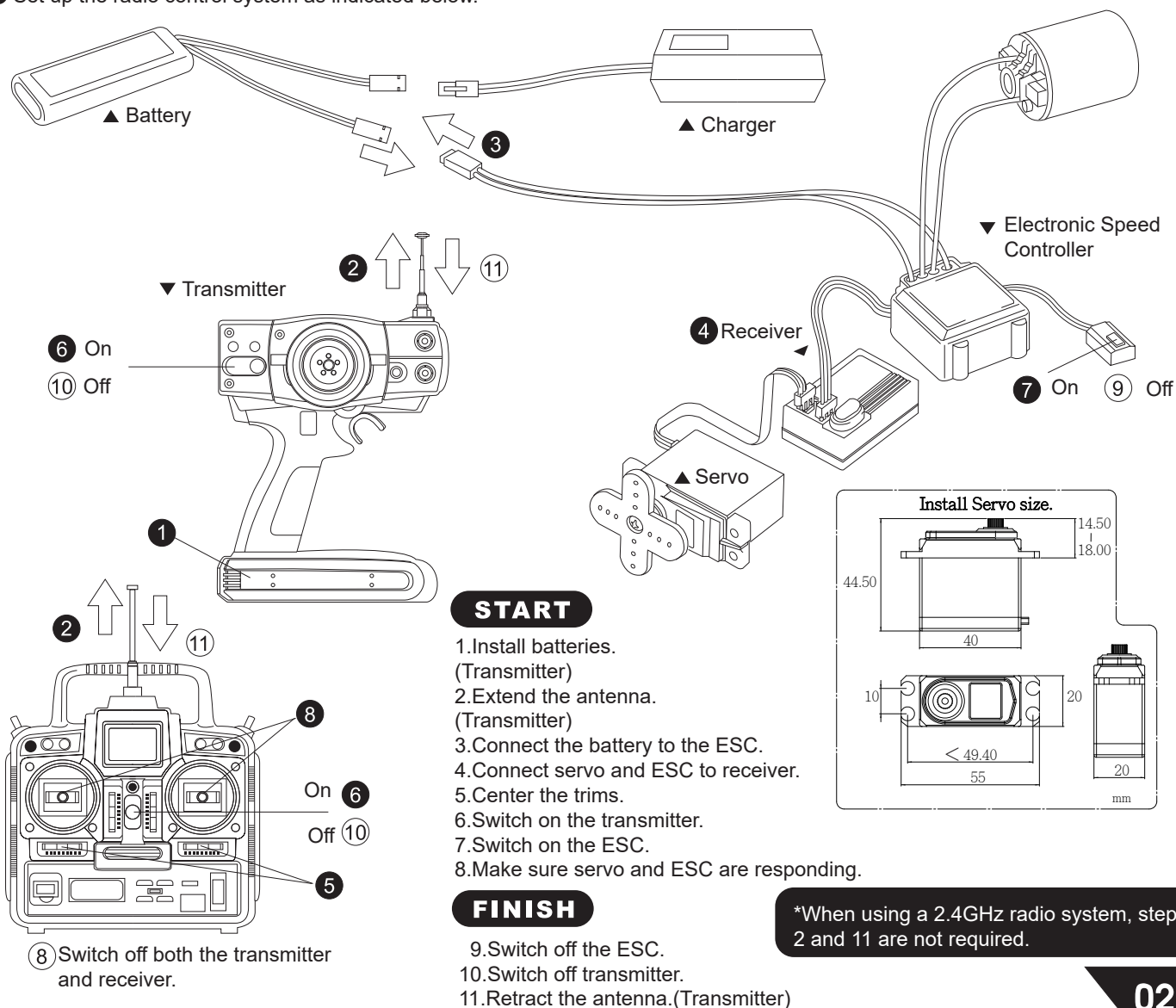
- Cross Wrench

- 5.0mm-5.5mm
- 7.0mm

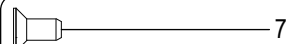


RADIO PREPARATION

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



A1.1 Chassis Brace Installation



82400016 FHCS M3x6mm



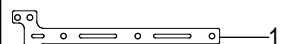
82400026 FHCS M3x8mm



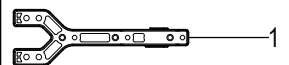
80400036 BHCS M3x8mm



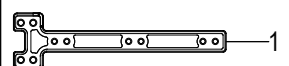
20220006



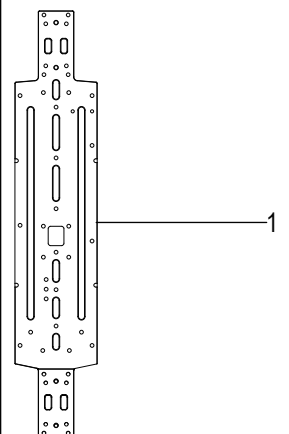
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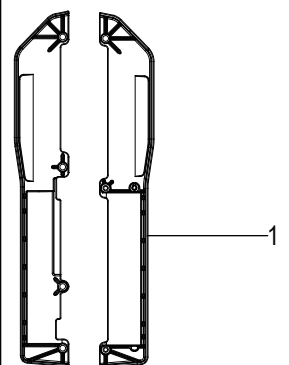
77500096/F



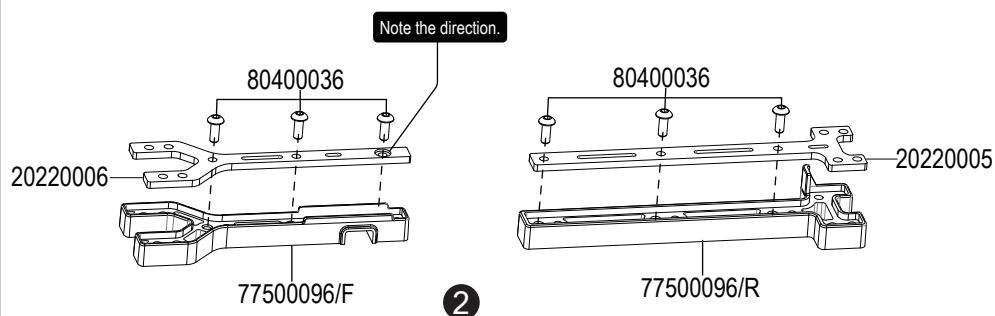
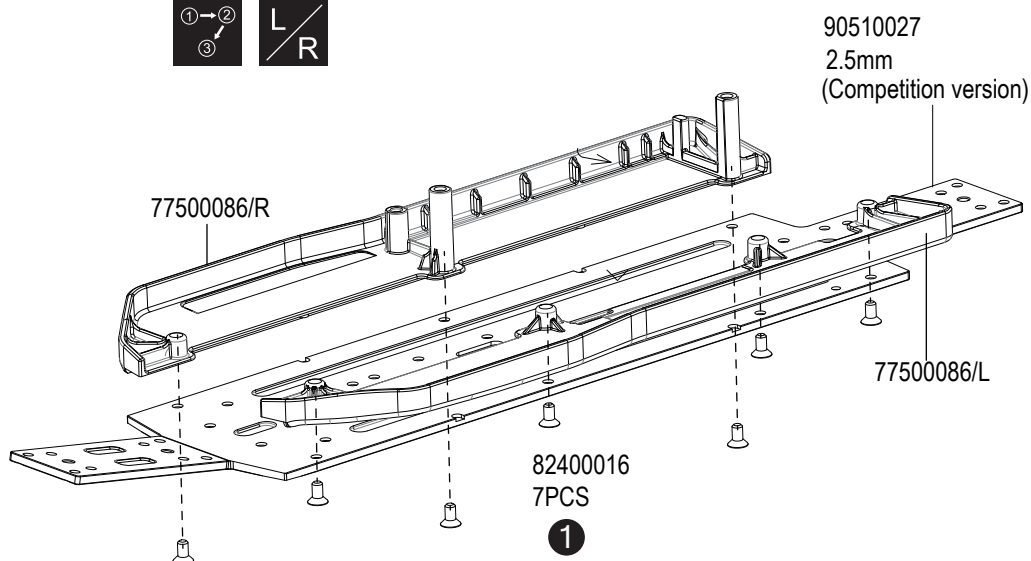
77500096/R



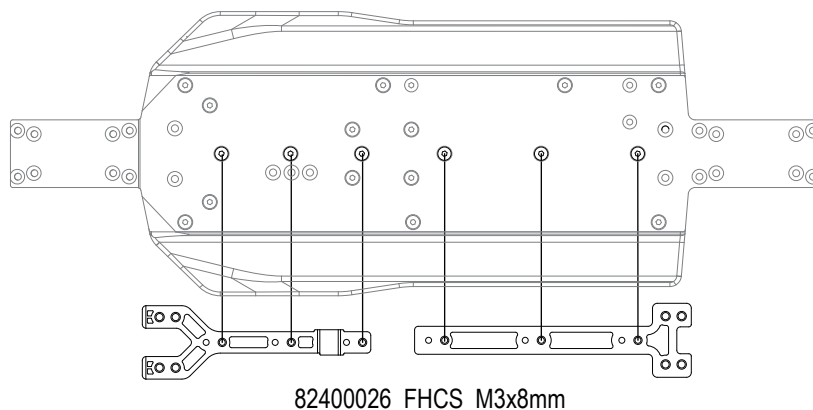
90510027



77500086



Chassis rib screw position



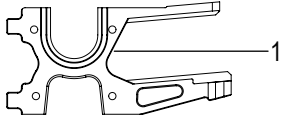
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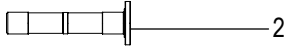
A1.2 Motor Mount & Sponge



82400016 M3x6mm FHCS



77500016



68400016



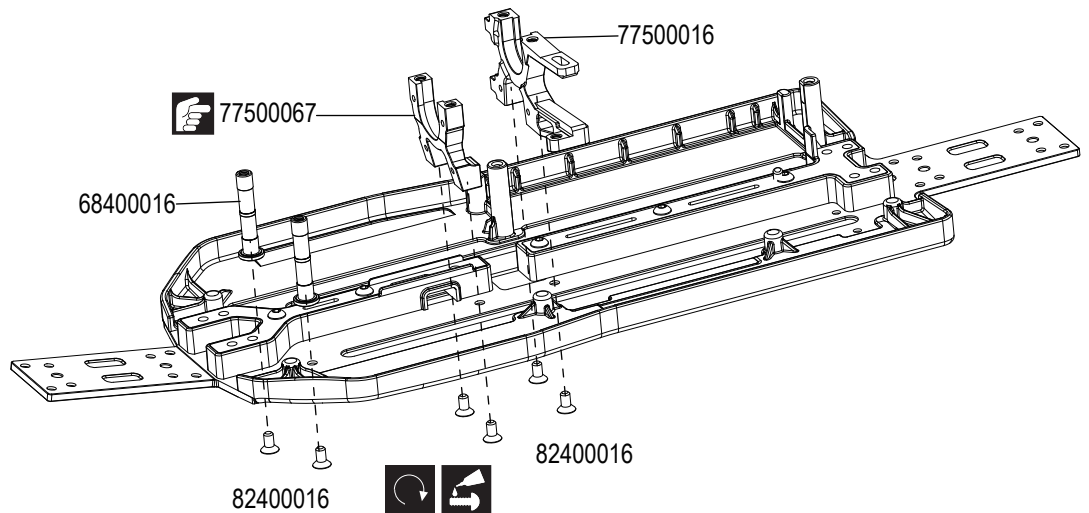
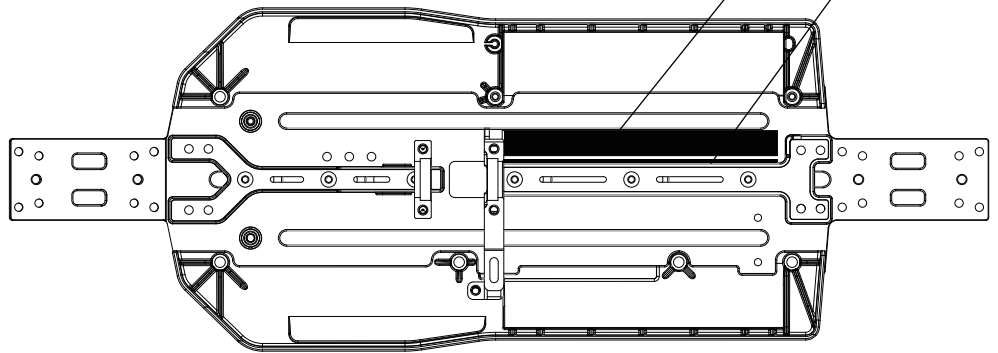
54430028 Foam
1x9x99mm&3x9x99mm



77500067 Front One-Way
use

Battery size adjustment

54430028 Sponge
10x99x1mm or 3 mm



Part bags used.



Apply threadlocker
(screw cement)



Tighten securely.



Note the direction.

A2 Gear Diff Assembly

82400166 M2.6x10mm FHCS

85440170 5x8x0.8mm Shim

85440160 4x10x0.15mm Shim

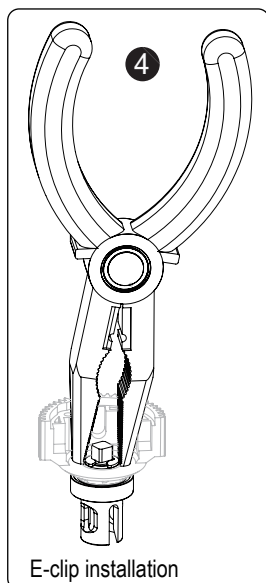
85400016
3.5mm E-clip

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

x2

Build x2
(1 front, 1 rear)

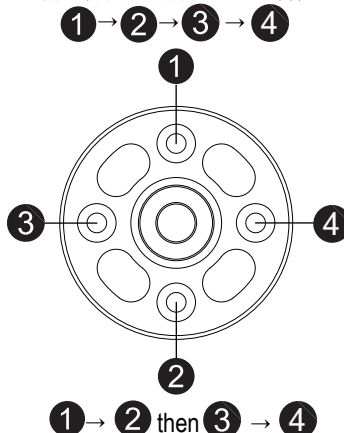
1 19460016 High Pressure Grease
66481366



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.

66480336 9T
4X10X0.15 Shim

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

66481366

19460016 High Pressure Grease

1

M2.6x10mm 8

77500246(39T)R

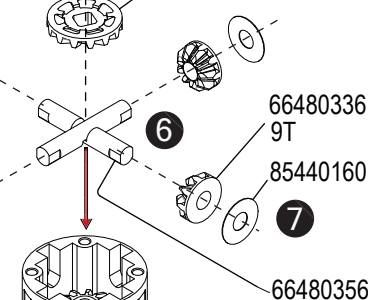
31450016-O-ring-5x1.5mm 2

Shim 5x8x0.8 3

85400016 4

68480606 5

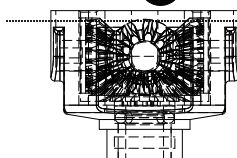
66480336 6



Initial Setting

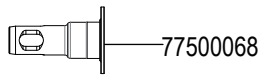
Front Diff	Rear Diff
Carpet 10000 Cst	Carpet 7000 Cst

Diff Oil
Silicon Oil



Fill to top of the cross pins
80% oil max

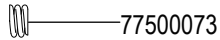
A3 Front One-Way seat



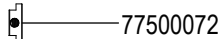
77500068



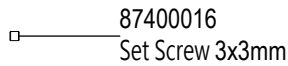
77500069



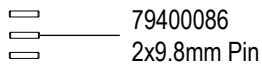
77500073



77500072



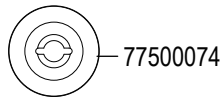
87400016
Set Screw 3x3mm



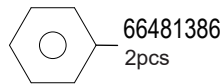
79400086
2x9.8mm Pin



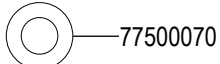
77500075



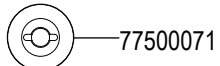
77500074



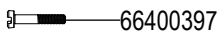
66481386
2pcs



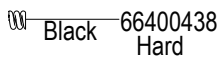
77500070



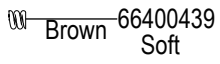
77500071



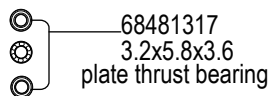
66400397



Black 66400438
Hard



Brown 66400439
Soft



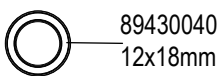
68481317
3.2x5.8x3.6
plate thrust bearing



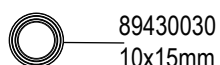
68400217
77T



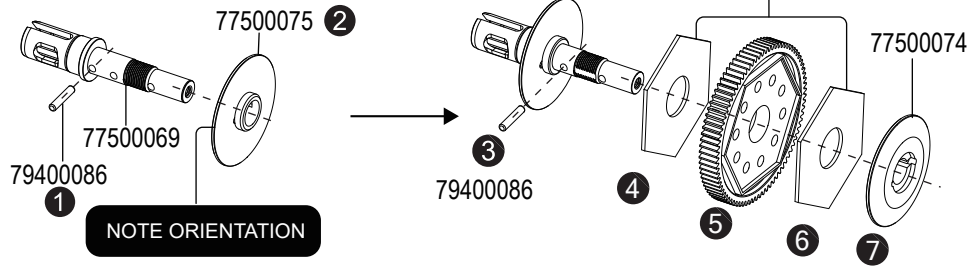
68400218
81T



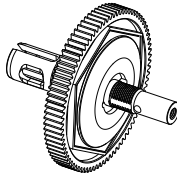
89430040
12x18mm



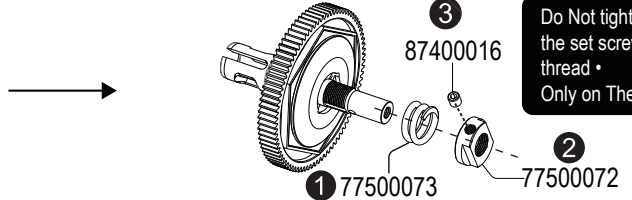
89430030
10x15mm



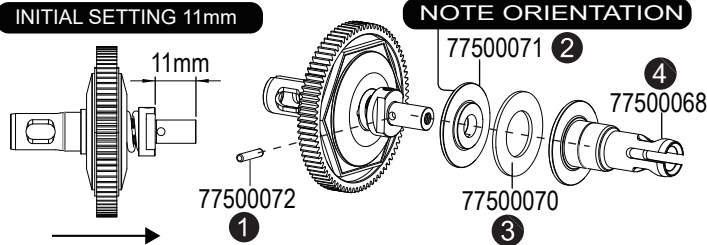
NOTE ORIENTATION



INITIAL SETTING 11mm



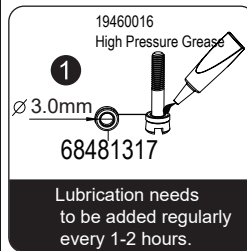
Do Not tighten
the set screw on the
thread •
Only on The flat area



NOTE ORIENTATION



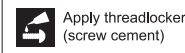
One-Way
Bearing Oil
Apply a drop of One-Way Bearing
Oil after every 1-2 hours of
driving to increase lifespan.
A dry one-way bearing may
cause damage or failure.



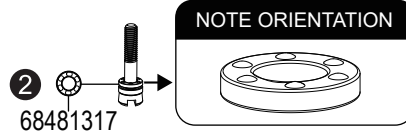
1

19460016
High Pressure Grease
Ø 3.0mm
68481317

Lubrication needs
to be added regularly
every 1-2 hours.

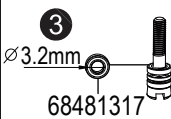


Apply threadlocker
(screw cement)



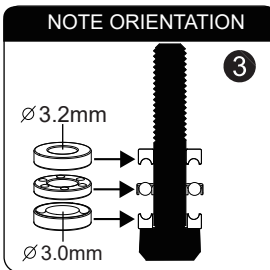
NOTE ORIENTATION

2
68481317



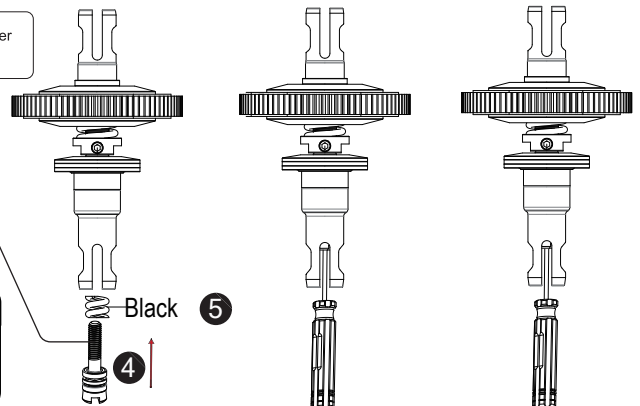
3

Ø 3.2mm
68481317



NOTE ORIENTATION

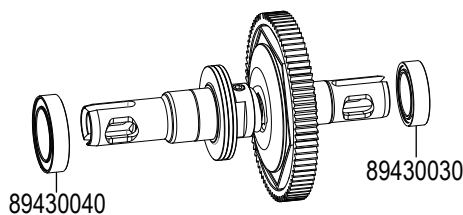
Ø 3.2mm
Ø 3.0mm



Black 5

6
100%
Fully Tighten

7
Loosen The
Adjustment Screw
(540° CCW 1-1.5 Laps)
INITIAL SETTING



89430040

89430030



Part bags used.



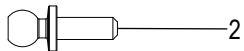
Assemble in the
specified order.



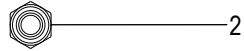
Apply threadlocker
(screw cement)



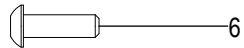
Tighten securely.



68430046
4.8x8mm Ball Studs



83400026 M3 Lock Nut



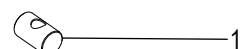
80400046 BHCS M3x10mm



78400016 M4x3mm Set Screw



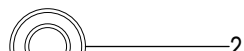
68481256



66401096



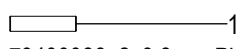
85440230 Shim 10x12.5x0.1mm



89430010 5x10x4mm Bearing



89430030 10x15x4mm Bearing



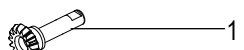
79400086 2x9.8mm Pin



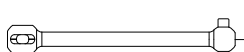
68480986 Gear Case



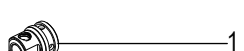
20220018 Front Shock Tower



77500236

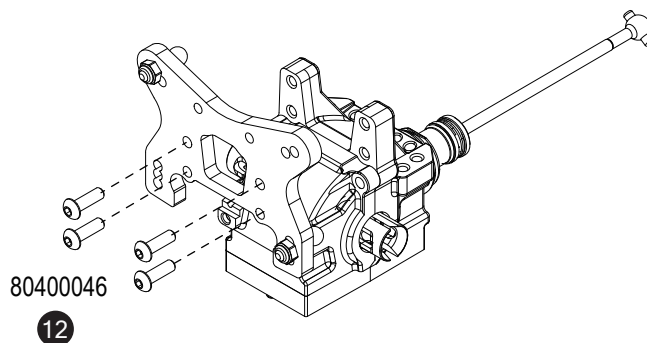
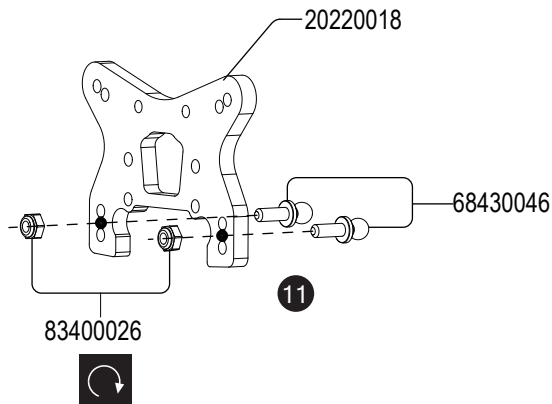
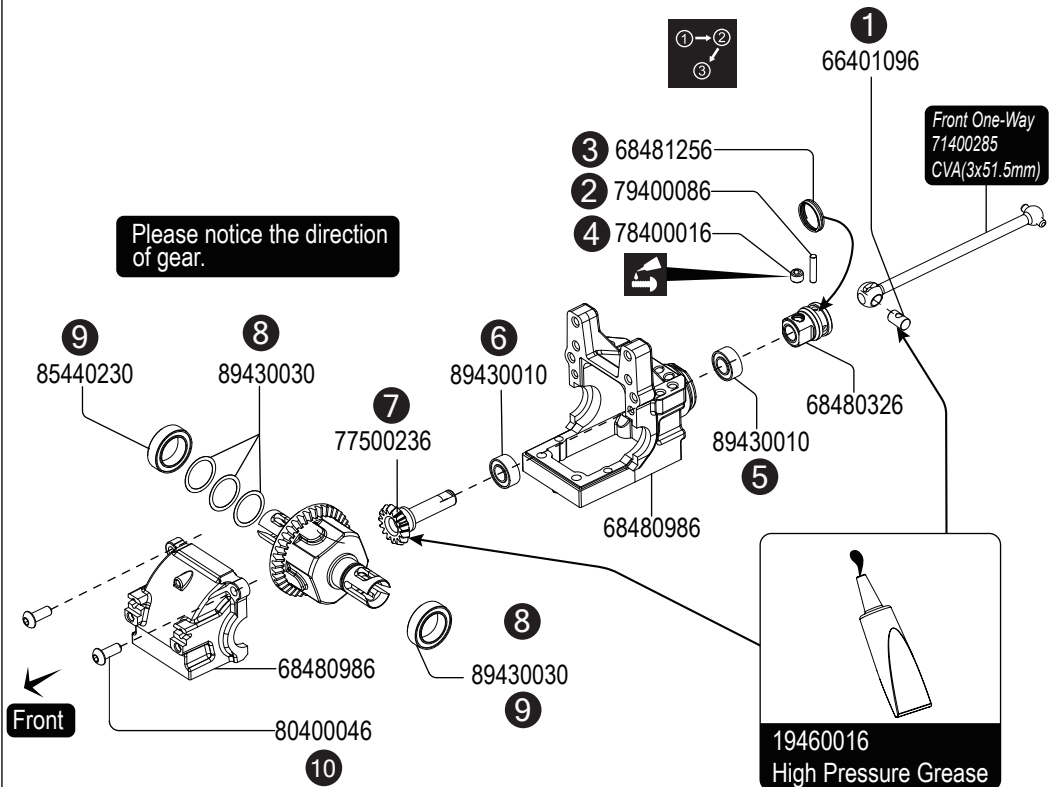


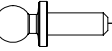
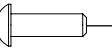
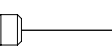
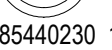
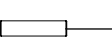
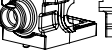
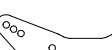
71400285 CVA(51.5mm)

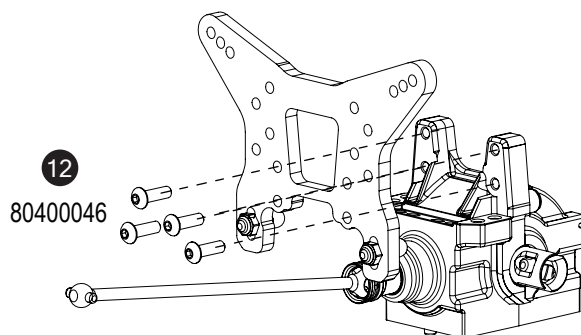
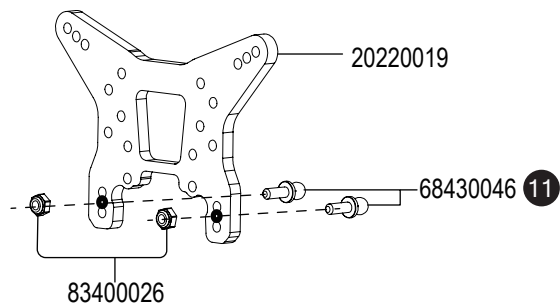
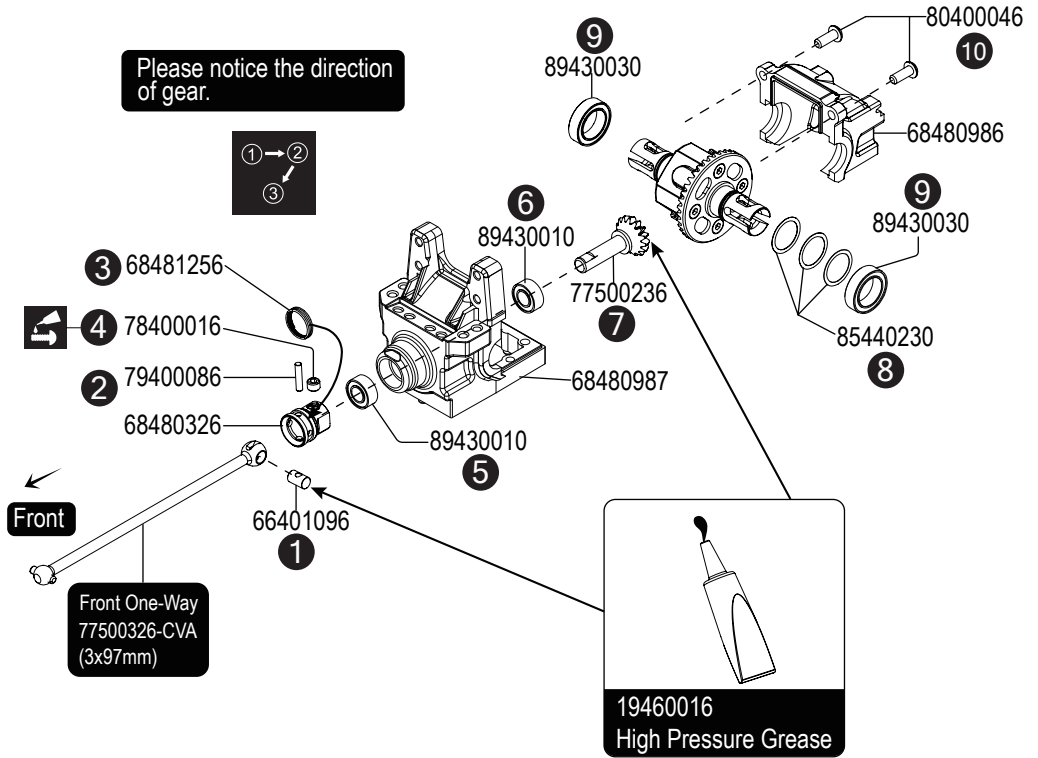


68480326

Please notice the direction of gear.



-  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
68480987 Gear Case
-  1
20220019 Rear Shock Tower
-  1
77500236
-  1
68480326
-  1
77500326 CVA(3x97mm)



Part bags used.



Apply grease.



Apply threadlocker (screw cement)

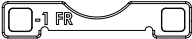


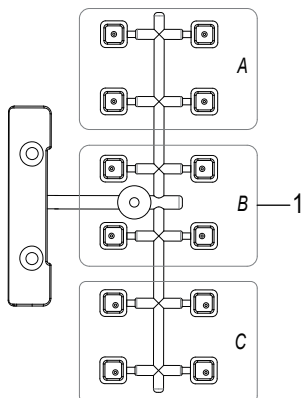
Assemble in the specified order.



B1 FR Suspension Mount Installation

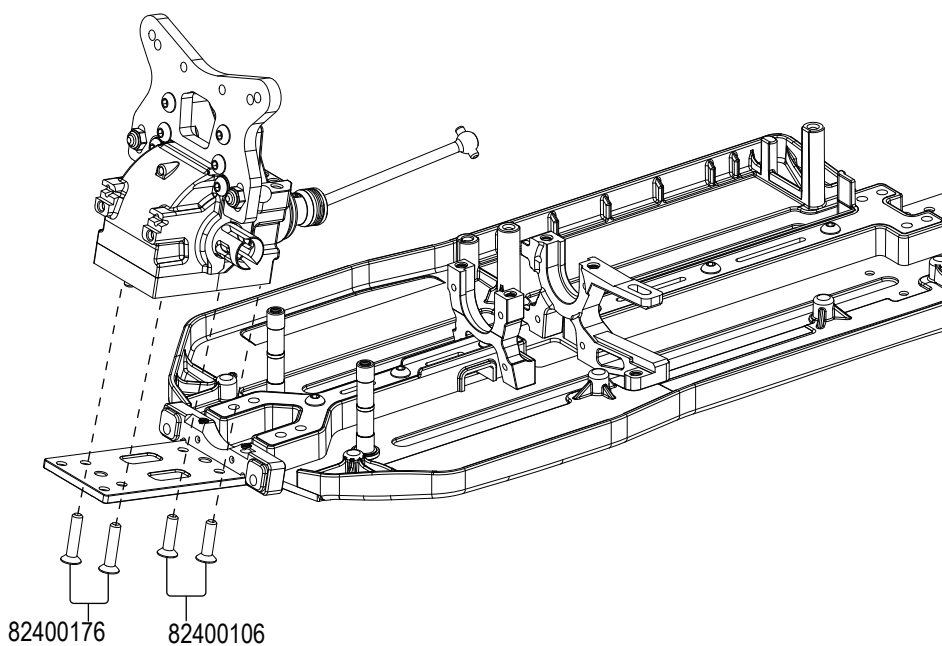
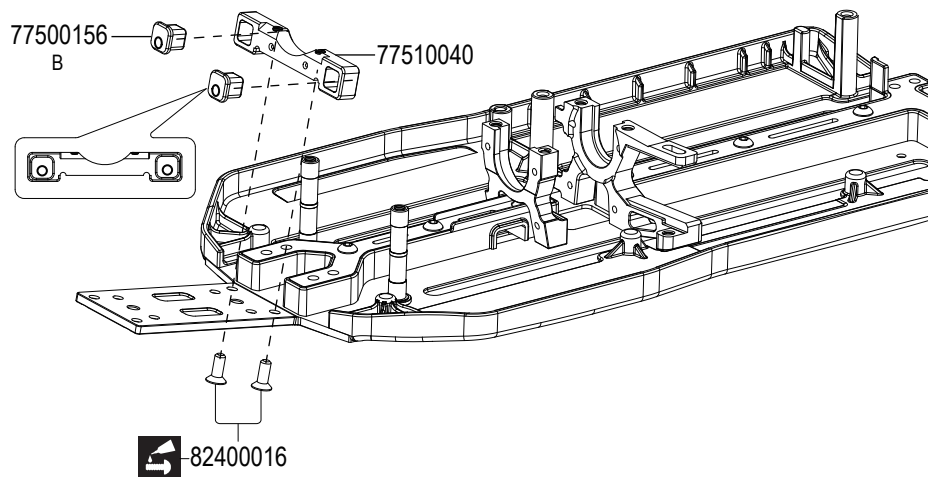
-  2
82400016 FHCS M3x6mm
-  2
82400106 FHCS M3x10mm
-  2
82400176 FHCS M3x15mm

-  1
77510040
FR Suspension Mount -1mm



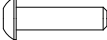
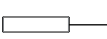
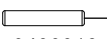
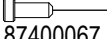
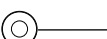
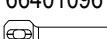
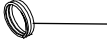
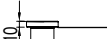
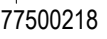
- 77500156
Suspension Hanger Insert

FRONT HANGER INSERTS				FF	FR	TOE	SQUAT
						0	0
						0	+0.7
						0	+1.4
						0	-0.7
						0	0
						0	+0.7
						0	-1.4
						0	-0.7
						0	0

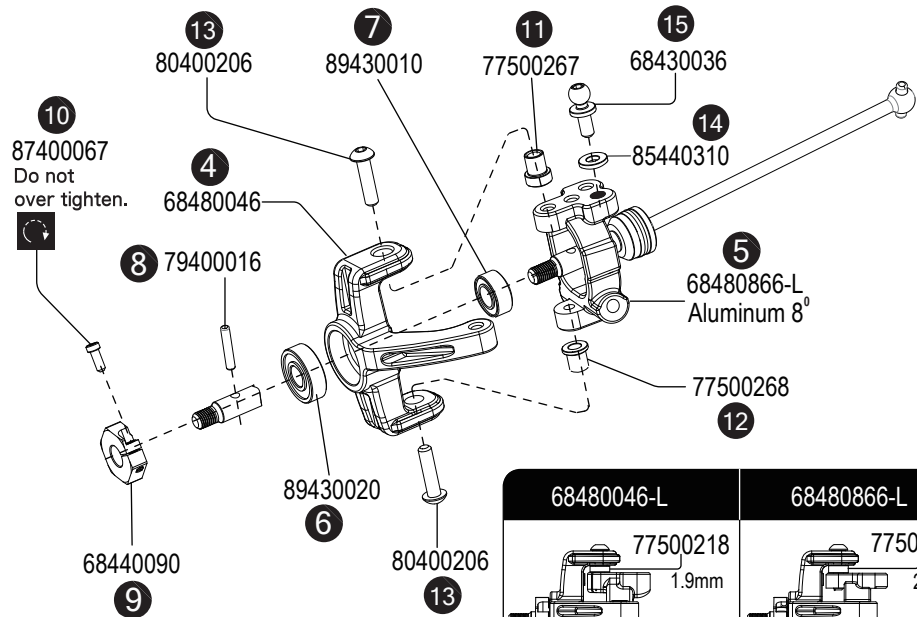
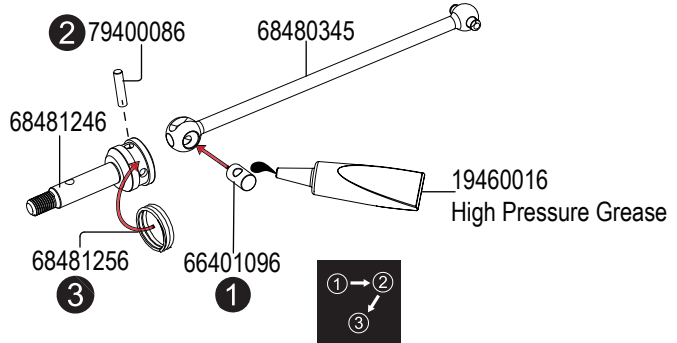


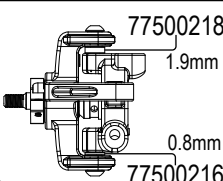
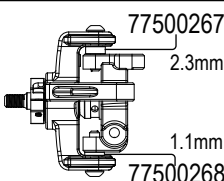
B2.1 Front Hub Carrier Assembly (Left Side)

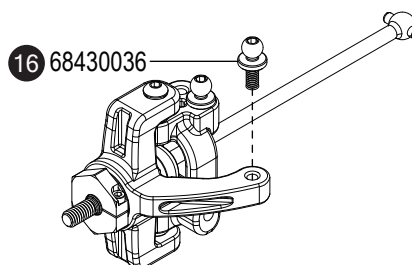
Left Side

-  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
77500268 1.1mm (Brown)
-  1
77500218 1.9mm (Black)
-  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.



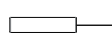
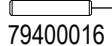
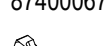
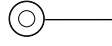
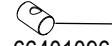
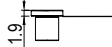
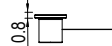
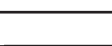
Assemble in the specified order.



Apply oil.

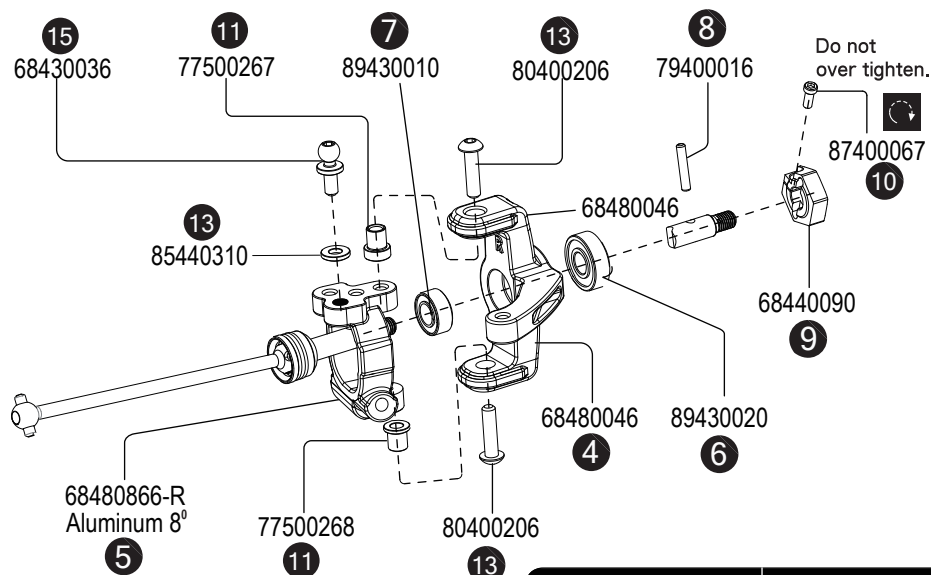
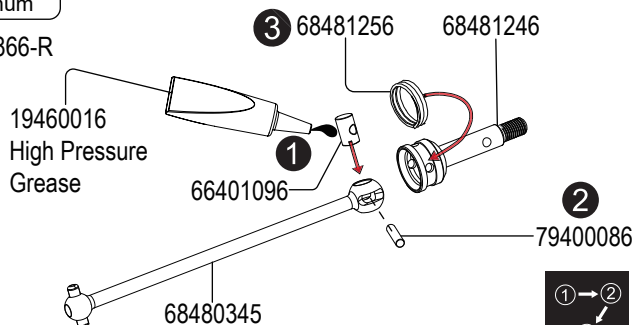
B2.2 Front Hub Carrier Assembly (Right Side)

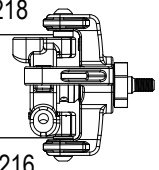
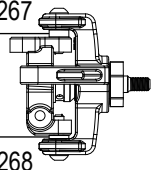
Right Side

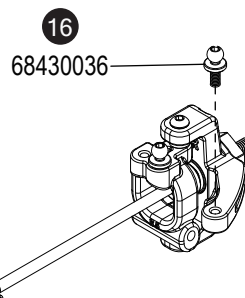
-  2
80400206 BHCS M3x12mm
-  2
68430036 4.8x6mm Ball Studs
-  1
89430010 5x10x4mm Bearing
-  1
89430020 5x13x4mm Bearing
-  1
79400086 2x9.8mm Pin (Silver)
-  1
79400016 2x10.8mm Pin (Black)
-  1
87400067 SHCS M2x6
-  1
68440090 4.2mm
-  1
68481246
-  1
68480046
-  1
85440310 3x6.5x1mm Silver Aluminum 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	Aluminum

68480046-R 68480866-R



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

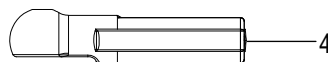


B4 Front Upper Turnbuckle Assembly

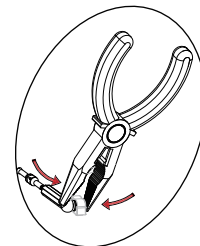
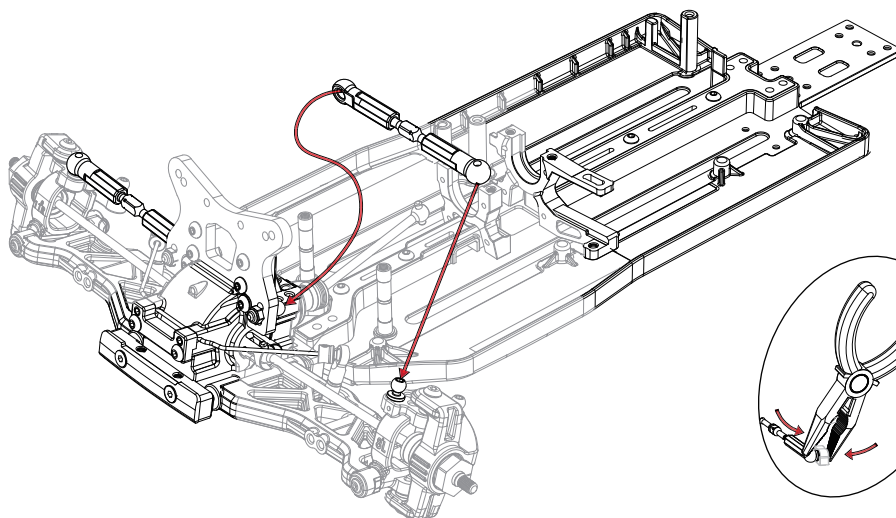
One side is reverse threaded.



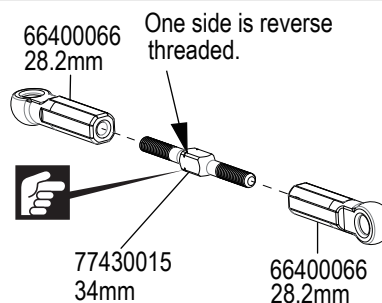
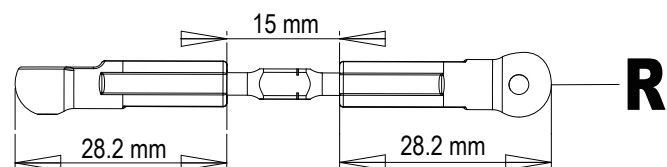
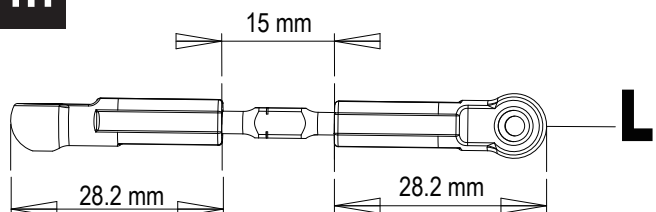
77430015 34mm Turnbuckles



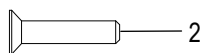
66400066 28.2mm



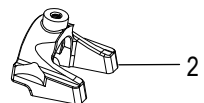
1:1



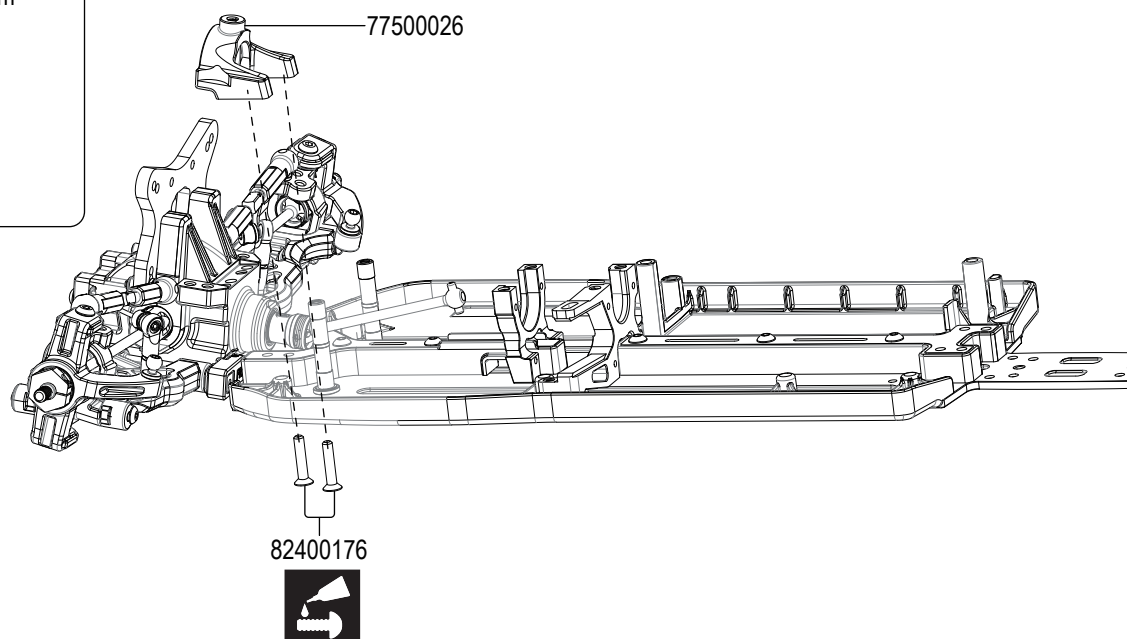
B5 Gearbox-Reinforcement (Front)



82400176 FHCS 3x15mm



77500026





C1 Rear Assembly RF Suspension Mount

4
80400046 BHCS M3x10mm

4
80400206 BHCS M3x12mm

2
82400016 FHCS M3x6mm

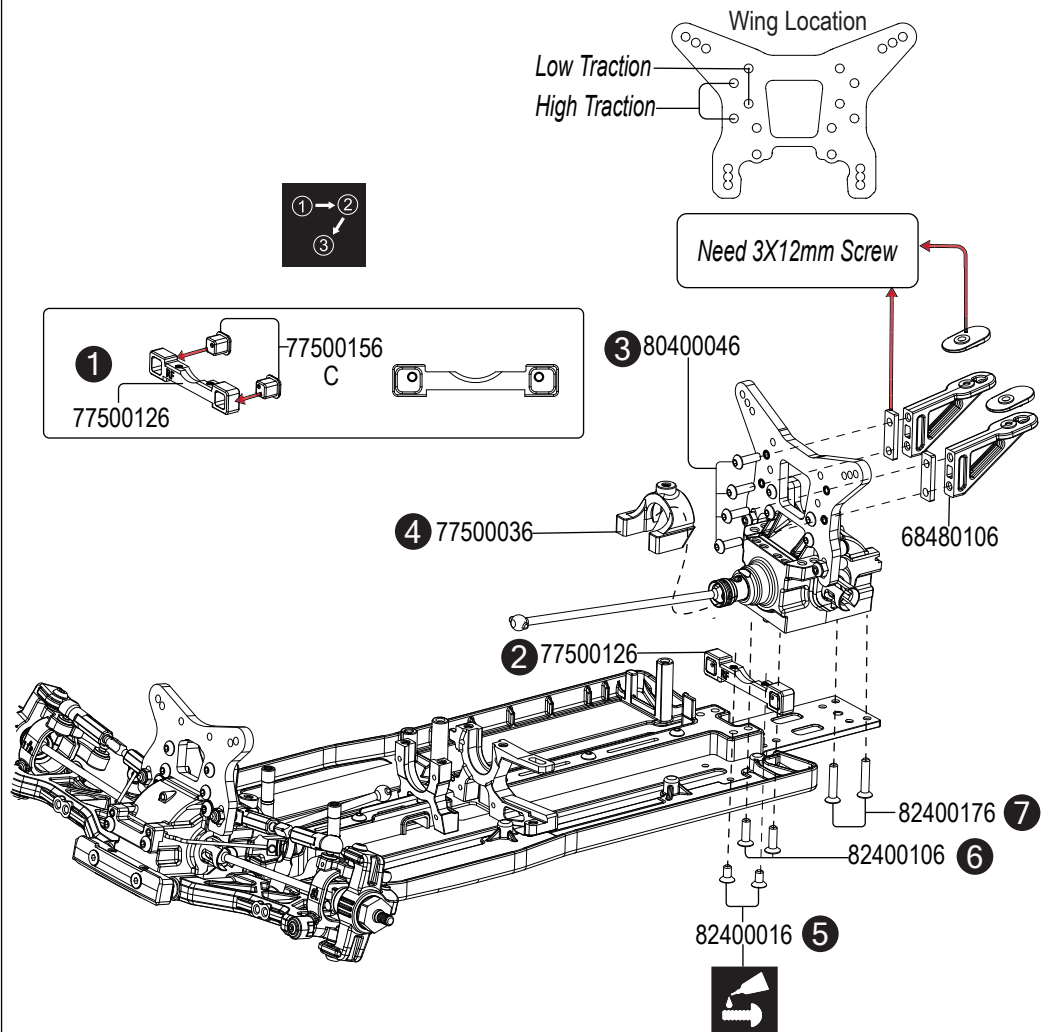
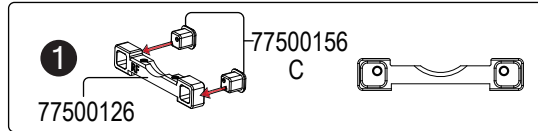
2
82400106 FHCS M3x10mm

2
82400176 FHCS M3x15mm

1
77500036

1
77500126 RF

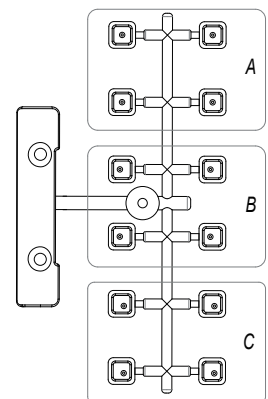
2
68480106



FRONT HANGER INSERTS

RF	RR	TOE	SQUAT	RF	RR	TOE	SQUAT
		+1.6	0			+1.6	0
		+1.6	+0.7			+0.8	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
						+3.5	+2

Note: (1) SB401 Plastic Antisquat



77500156
Suspension Hanger Insert



Part bags used.

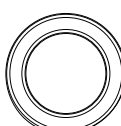
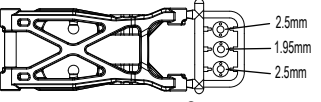
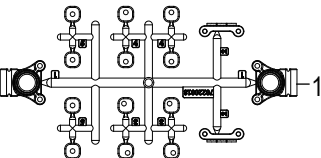


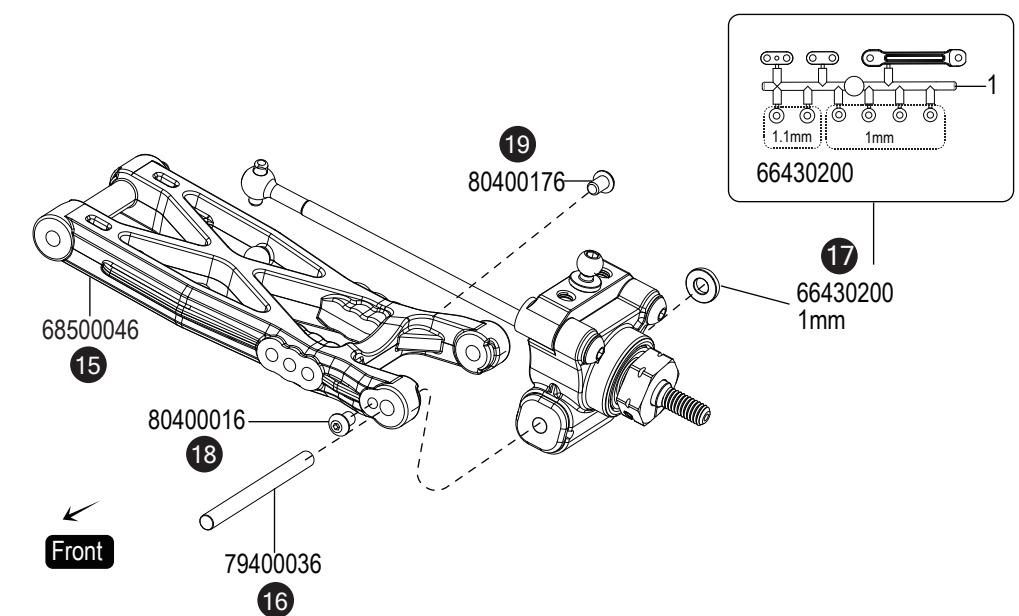
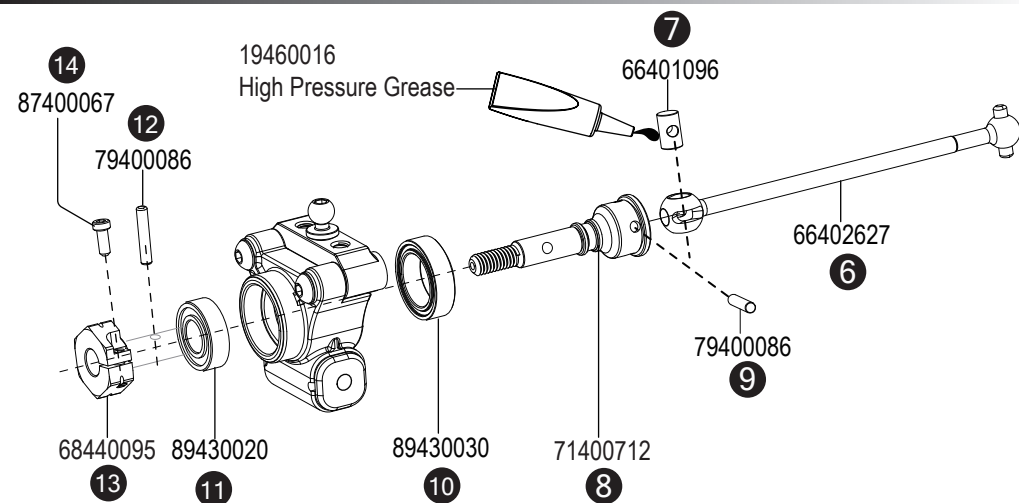
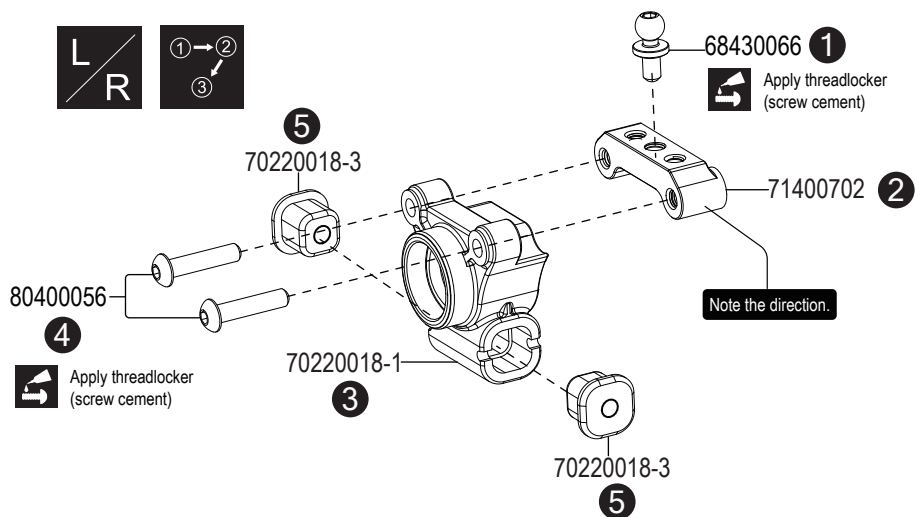
Apply threadlocker
(screw cement)



Assemble in the
specified order.

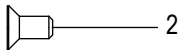
C2 Rear Left Hub Carrier Assembly

-  4
80400176 BHCSM2.5x4mm (4.5mm)
-  2
89430030 10x15x4mm Bearing
-  2
89430020 5x13x4mm Bearing
-  2
80400056 BHCS M3x14mm
-  2
68430066 4.8mmx5mm
-  2
68440095 (Kit)
-  2
71400712
-  1
66402627 CVA(3x69mm)
-  2
79400036 3x36.8mm Pin
-  2
66401096
-  4
79400086 2x9.8mm Pin (Silver)
-  2
87400067 SHCS M2x6mm
-  2
68500046
-  1
68500046
-  2
71400702 Aluminum

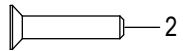




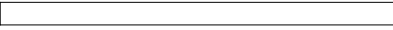
C3 Rear RR Suspension Mount



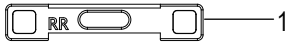
82400016 FHCS M3x6mm



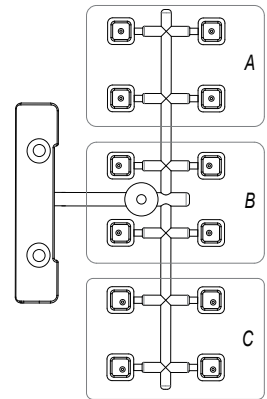
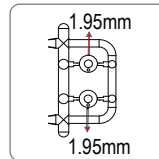
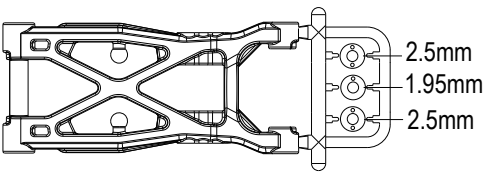
82400176 FHCS M3x15mm



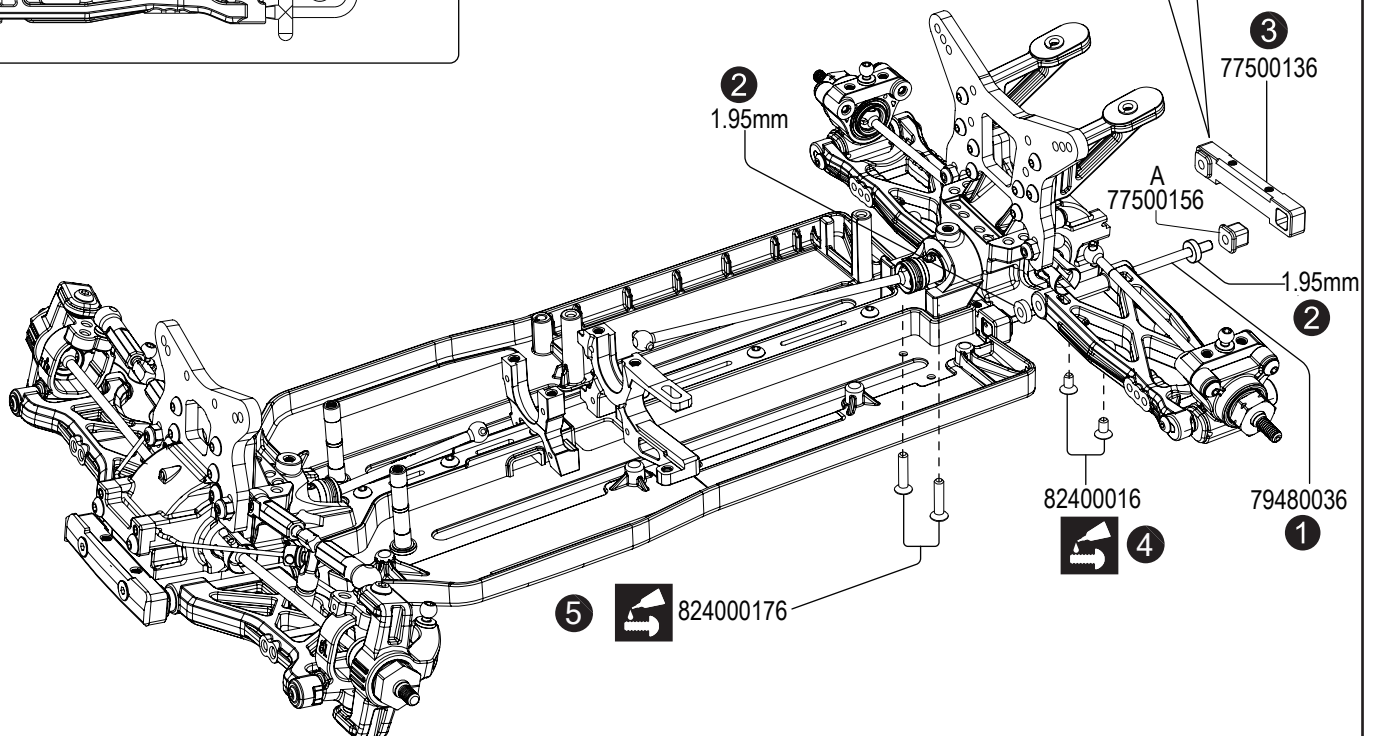
79480036 3x52mm Pin — 2



77500136



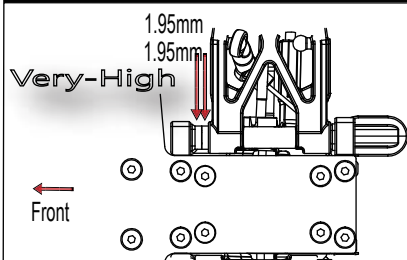
77500156
Suspension Hanger Insert



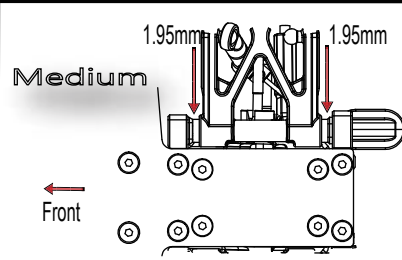
REAR HANGER INSERTS

Track Conditions

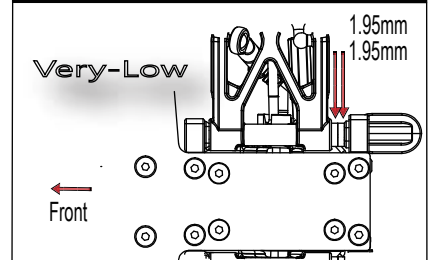
Traction



Traction



Traction



Part bags used.



Tighten securely.



Apply threadlocker
(screw cement)

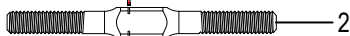


Assemble in the
specified order.

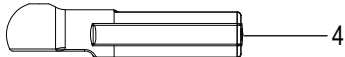


C4 Rear Upper Turnbuckle Assembly

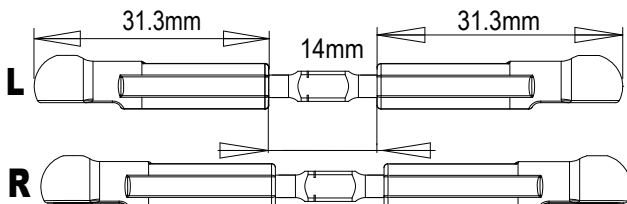
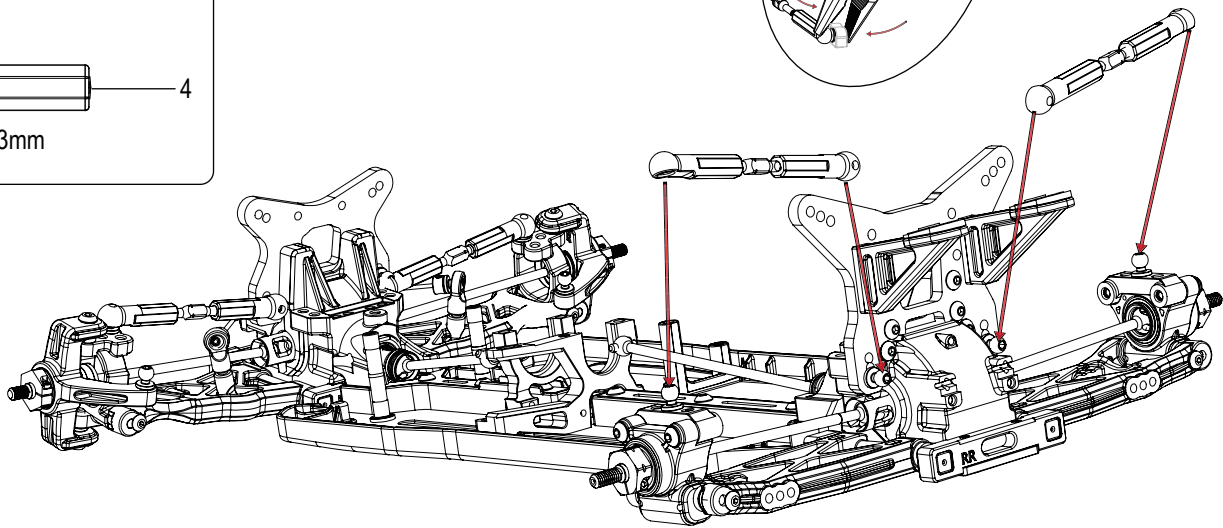
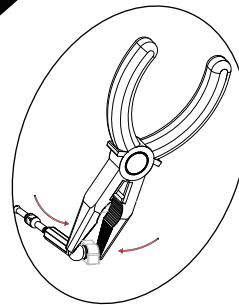
One side is reverse threaded.



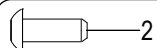
36mm Turnbuckles
77430016



66400066 31.3mm



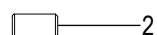
C5 Rear Sway Bar Installation



80400036 BHCS M3x8mm



87400016 Set Screw M3x3mm



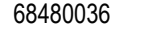
78400026 Set Screw M3x6mm



87400026 Set Screw M3x10mm



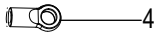
66481306 Sway Bar (1.6mm)



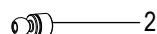
77430126



68480756



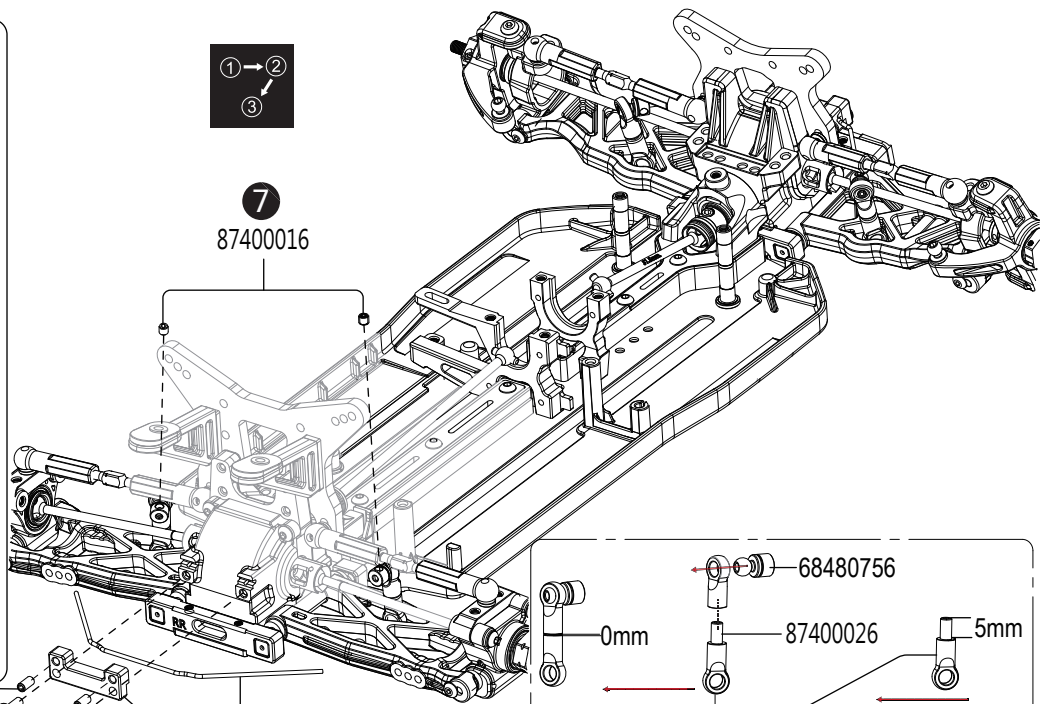
68480756



68480756



7
87400016



Adjust the M3x6 Set Screws
and stopper to
remove any gap
but allow the sway bar
to swivel smoothly

78400026

6

80400036

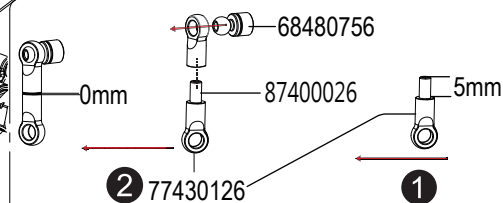
5

66481306

4

66481306

3



Assemble
2 sway bar rod.

L
R

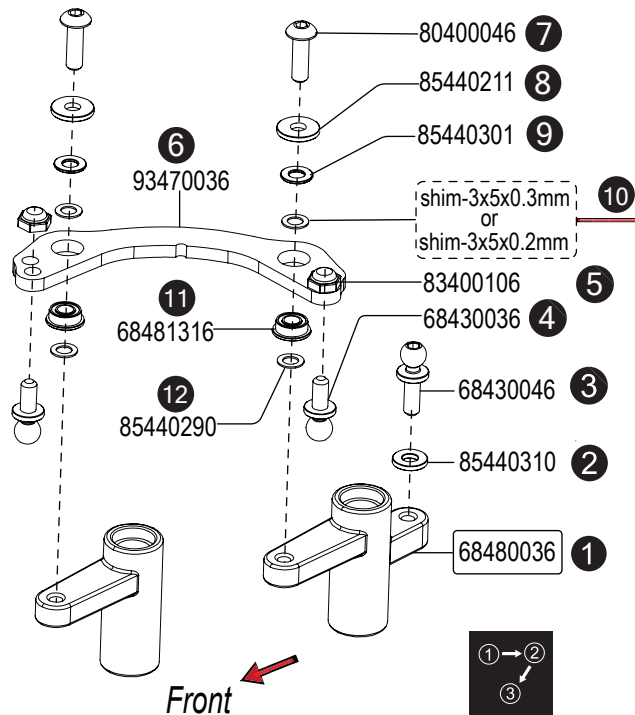




D1 Bell Crank Installation

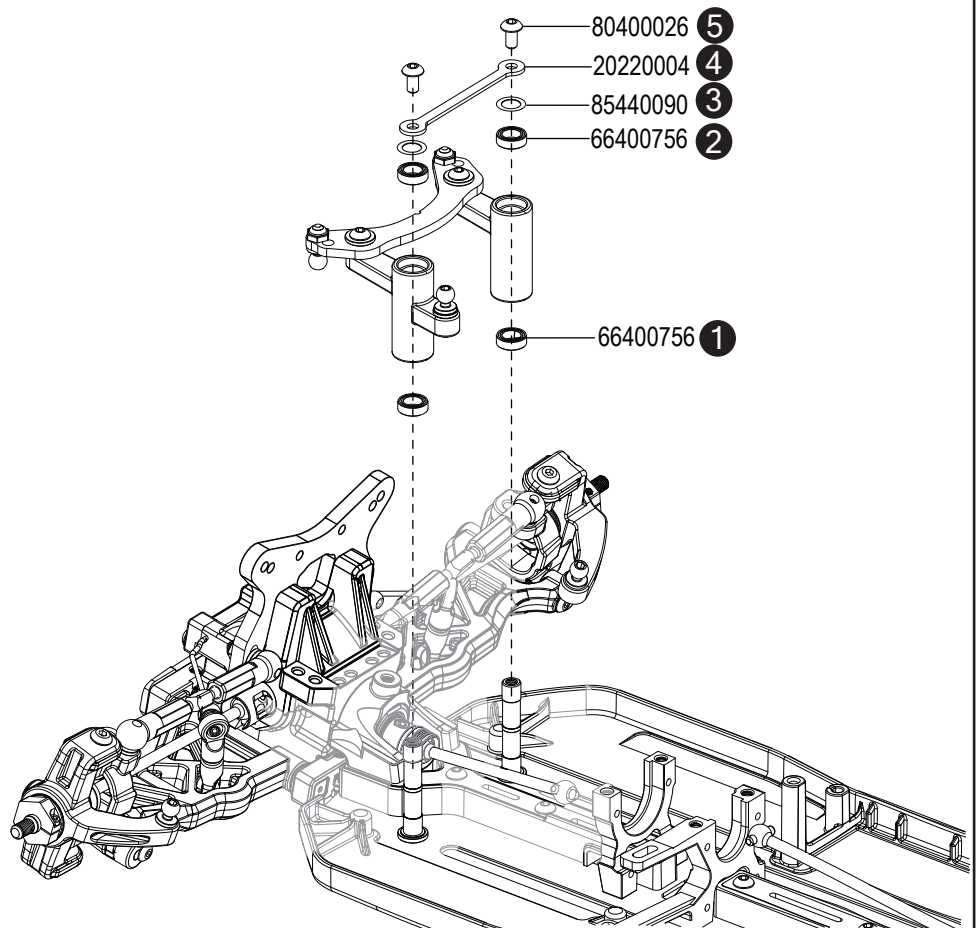
The kit includes 2 types of shims you can use to adjust the steering link to move freely with minimum slop.

-  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
85440090 5x8x0.1mm Shim



Part bags used.



Assemble in the specified order.

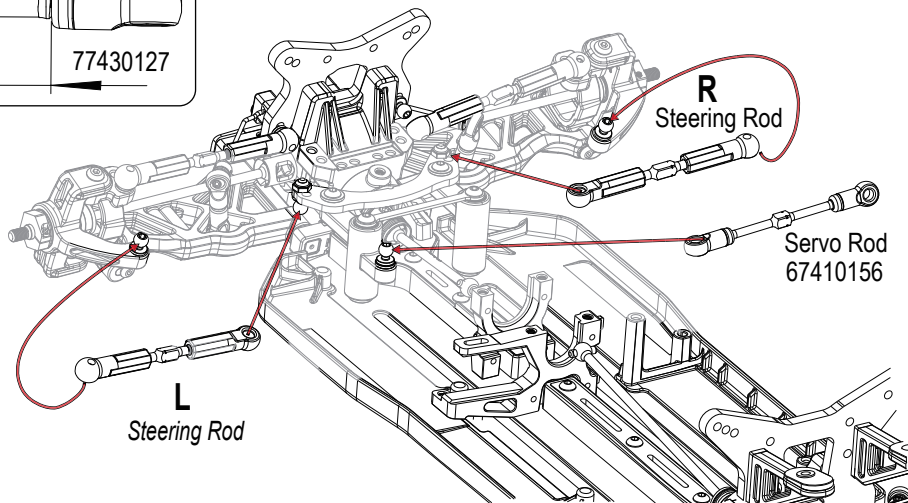
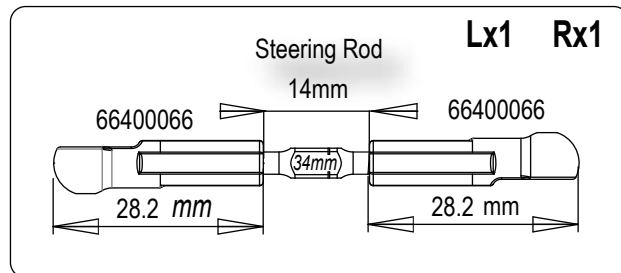
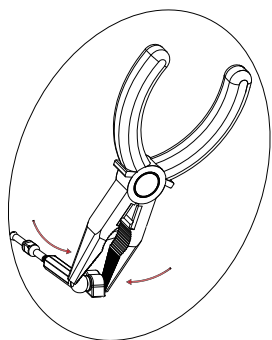


D3 Turnbuckle Assembly-Steering Rod

67410156 52mm Turnbuckles 1

77430015 34mm Turnbuckles 2

17.3mm
77430127
37 mm
Servo Rod 67410156 52mm
17.3mm
77430127

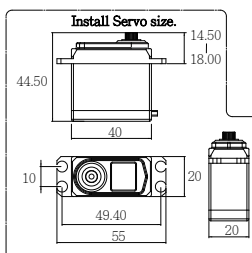
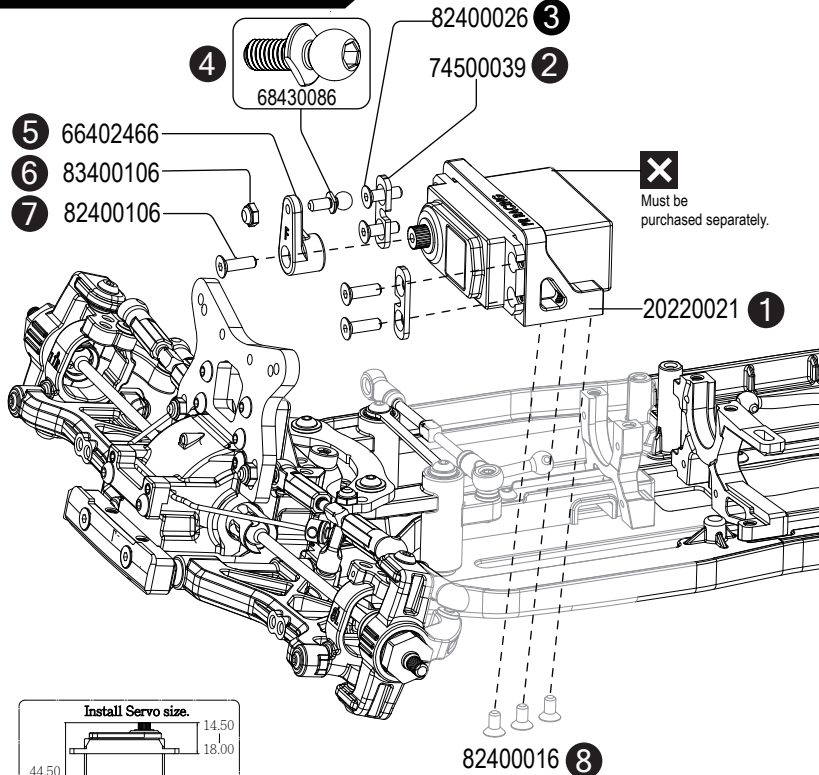
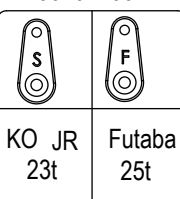


D4 Steering Servo

82400026 FHCS M3x8mm 4
82400106 FHCS M3x10mm 1
82400016 FHCS M3x6mm 3
83400106 M3 Lock Nut 1
68430086 M4.8mmx6mm-0.8mm Ball Studs 1
74500039 Servo carbon fiber spacer 2

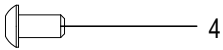
20220021 Aluminum Servo Mount V2 1

Servo Installation 66402466

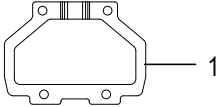


Make sure that the servo is centered before attaching the servo horn.
(Refer to your radio manual for more information)
Select the servo horn matching the servo being used.

D5 Center Mount Plate

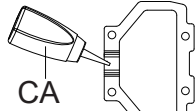


80400026 BHCS M3x6mm



20240008
One-Way Graphite Center
Upper Deck

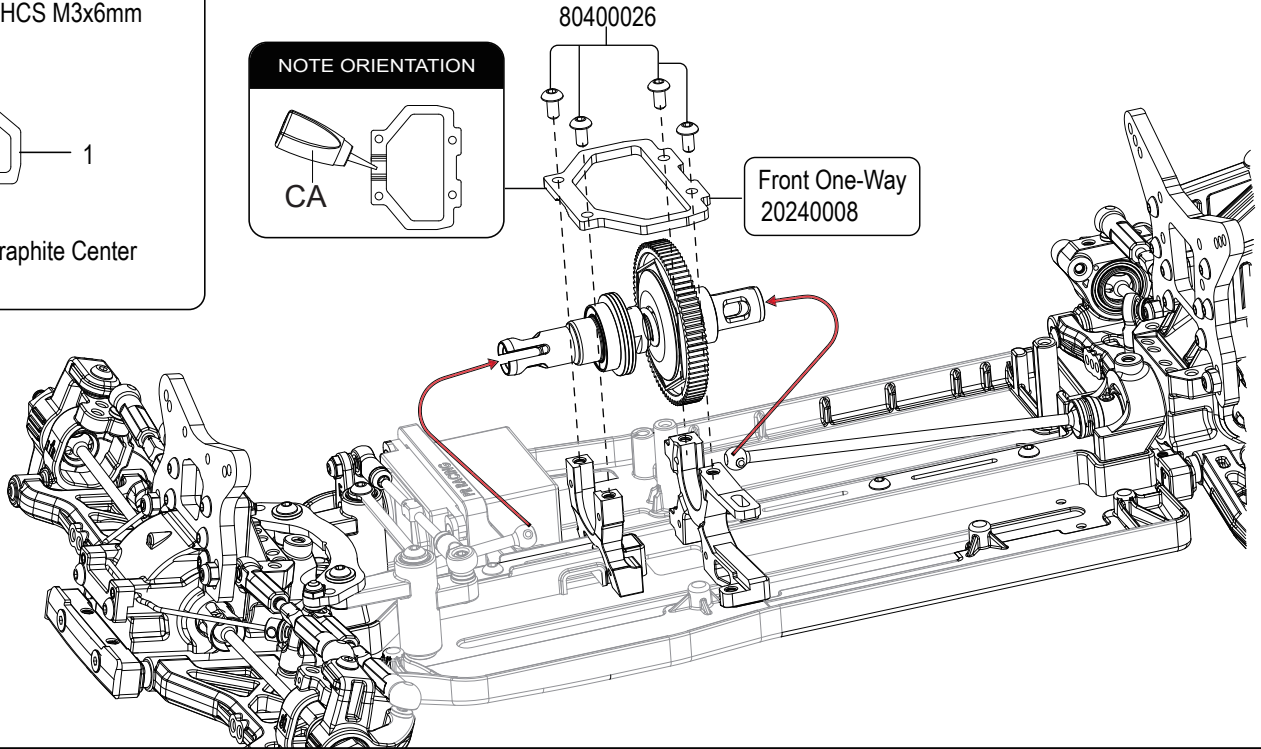
NOTE ORIENTATION



CA

80400026

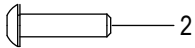
Front One-Way
20240008



D6 Battery Hold Down Installation



80400026
BHCS M3x6mm



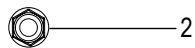
80400206
BHCS M3x12mm



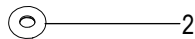
85440240 M3 antislip shims



85440301 3x6x0.5mm Shim



83400046 M3 Lock Nut



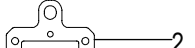
31430019
2x1.5mm O Rings



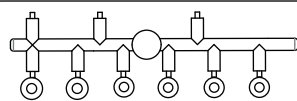
87400027
Set Screw M3x12mm



91400037



20220017



66430200 10



5 83400046
4 31430019
3 80400026
2 20220017

6 80400206

7 85440240

8 85440301

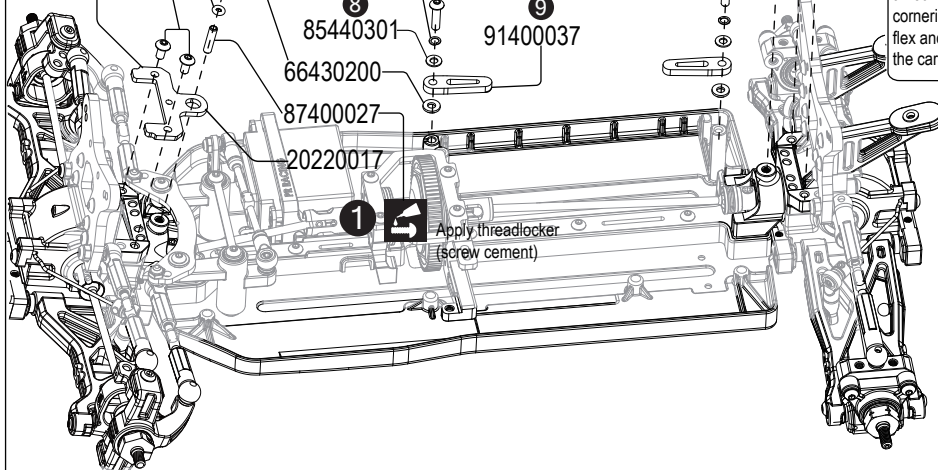
9 91400037

66430200

87400027

20220017

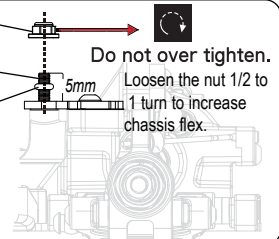
1 Apply threadlocker (screw cement)



83400046

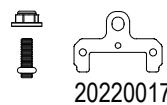
87400027

31430019



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

Corner Speed

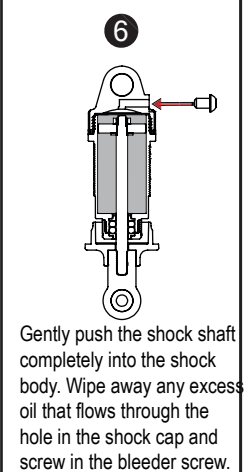
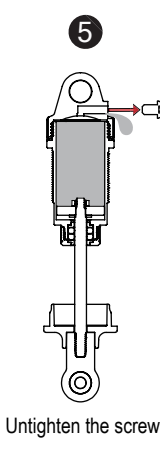
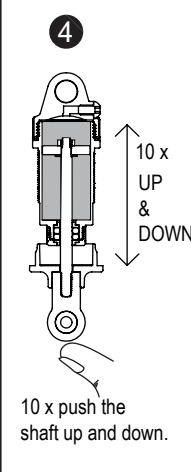
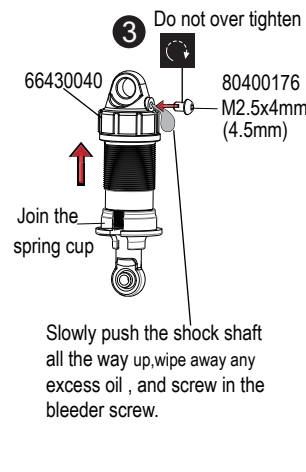
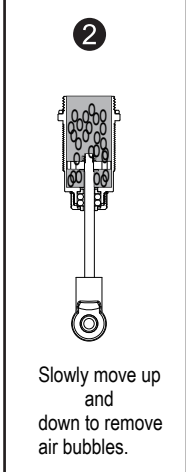
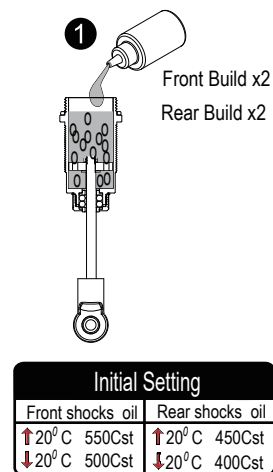
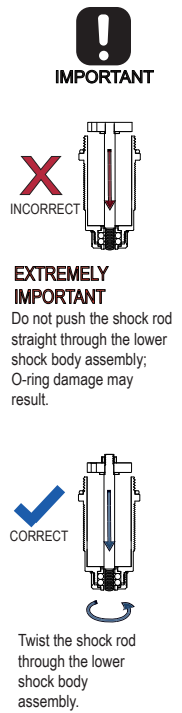
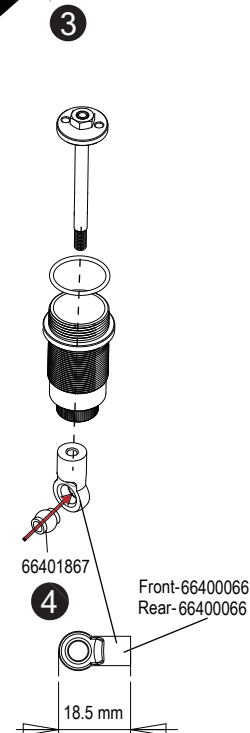
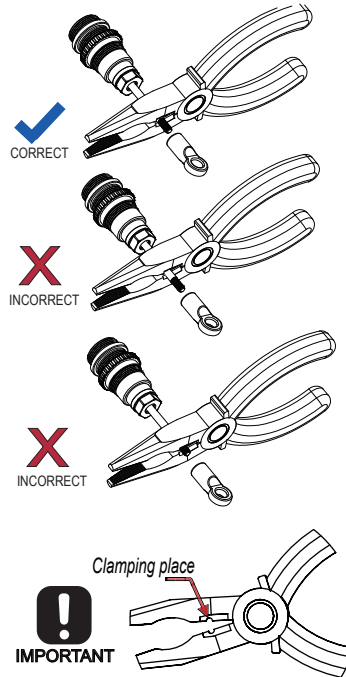
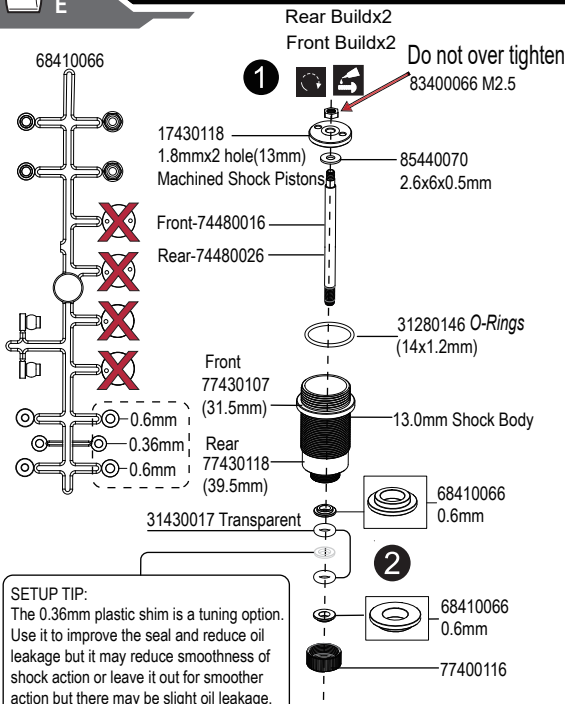


20220017

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.

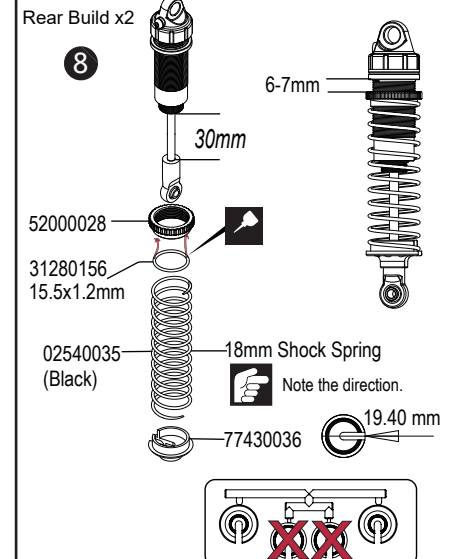
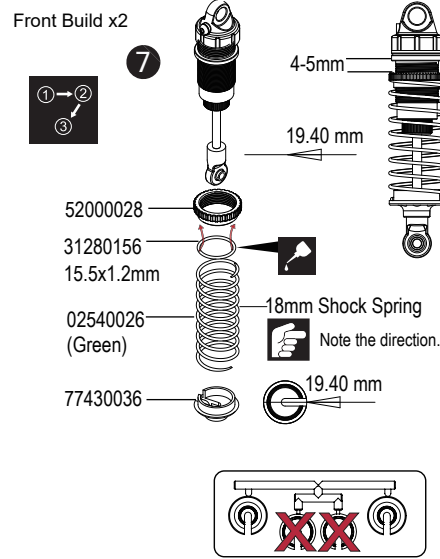
E1 Front & Rear Shock Assembly

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

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



Part bags used.



Apply threadlocker (screw cement)



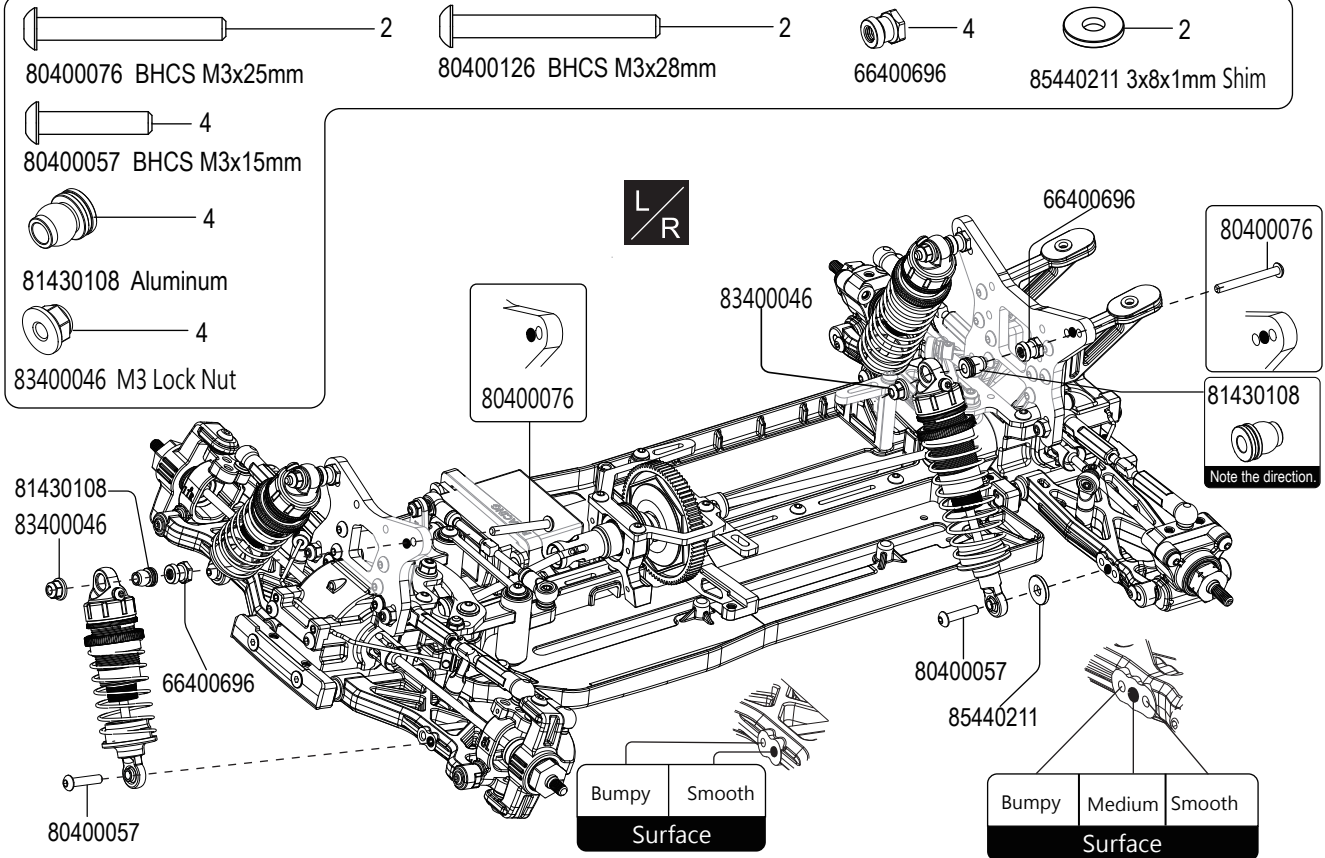
Do not over tighten.



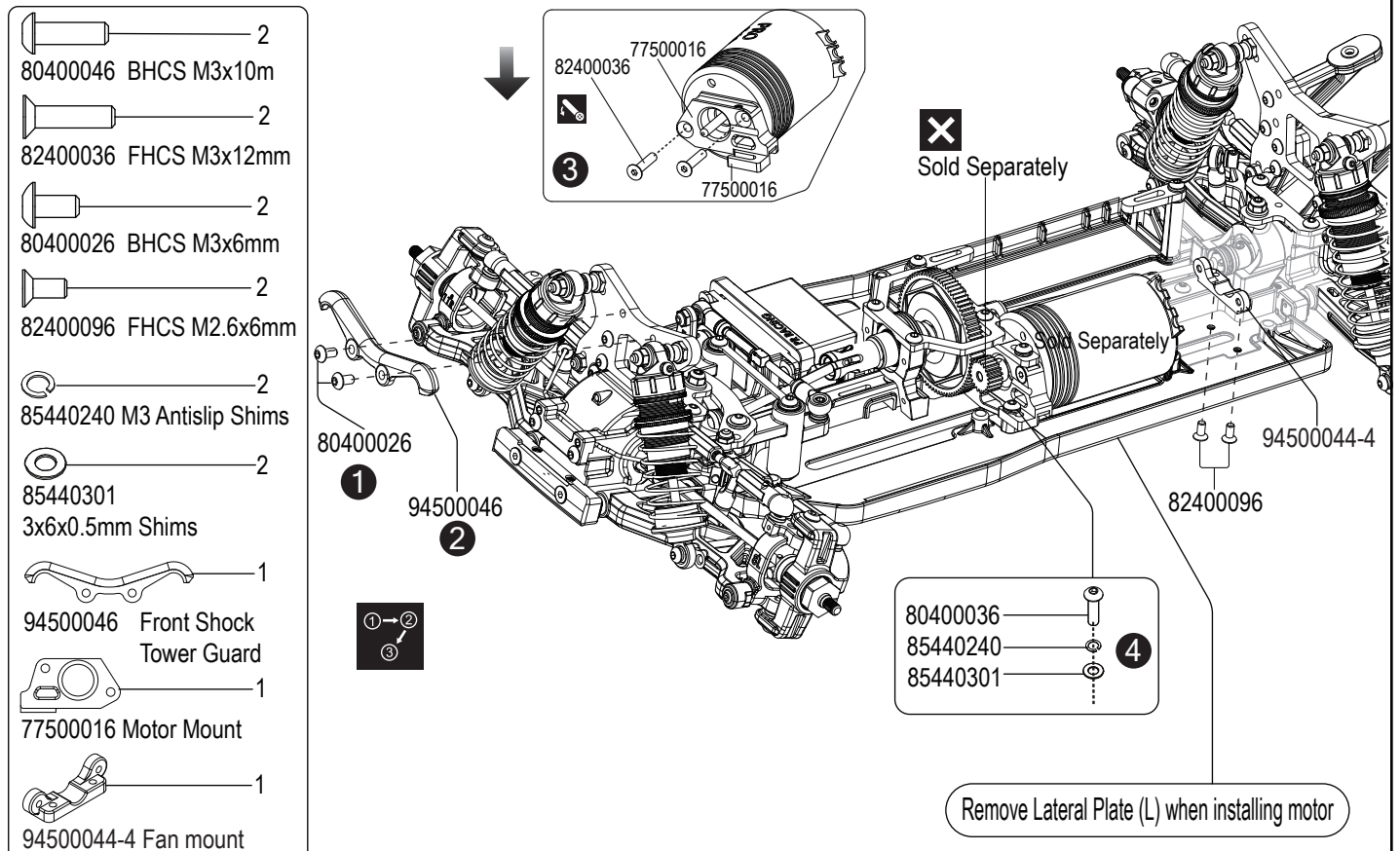
Apply oil.



E2 Front & Rear Shock Installation



E3 Motor Installation



Part bags used.



Assemble in the specified order.

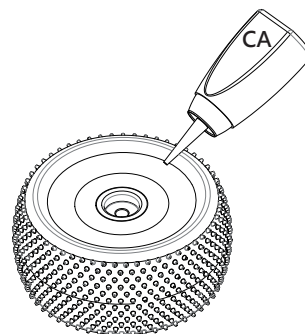
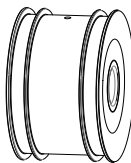
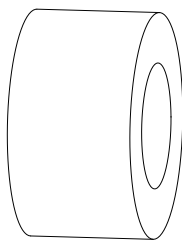
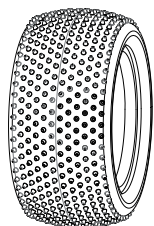


Must be purchased separately.



Note the direction.

 2
 82400026 FHCS M3x8mm
 2
 82400036 FHCS M3x12mm
 4
 83400076
 M4 Serrated flange nut
 2
 68480036

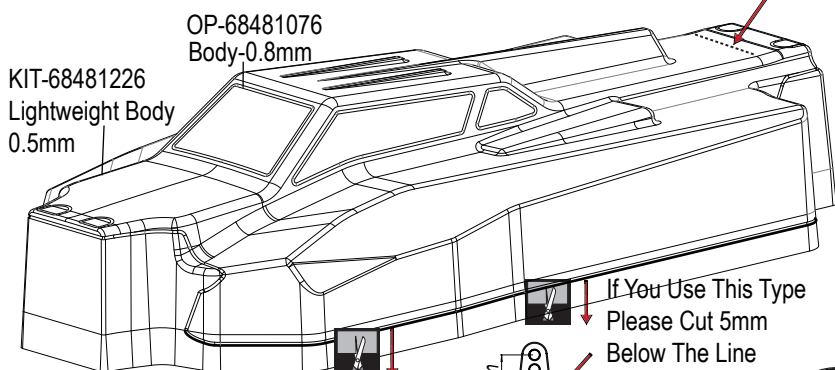
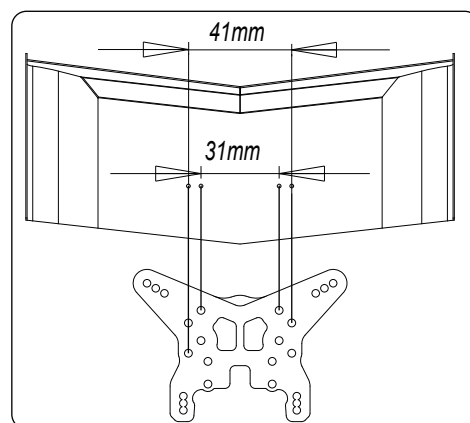


- Place the tire insert into the tire and tire into the wheel.
- Tire and insert (Sold separately)
- CA (Cyanoacrylate) glue sold separately.

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

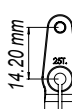
- ### ● Body and Wing Cutting

- 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.

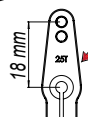


Forward gear case (rear)
+7mm cut here

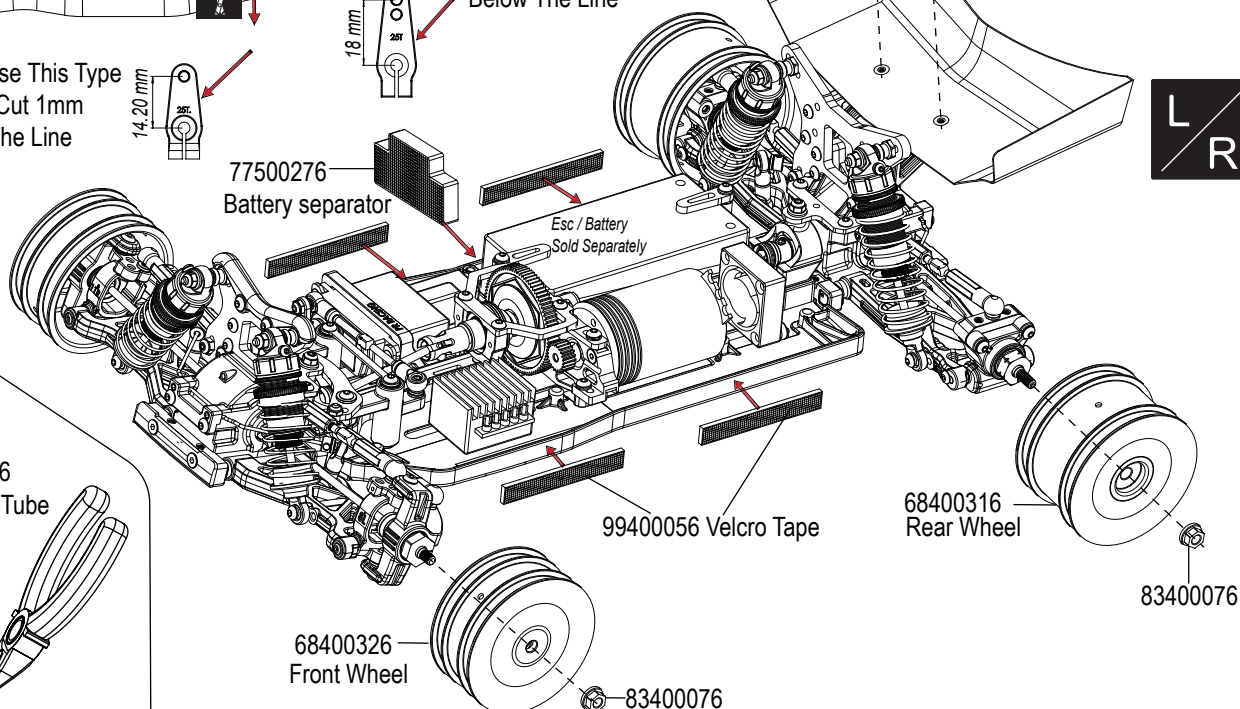
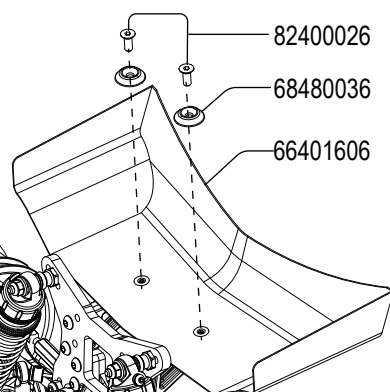
If You Use This Type
Please Cut 1mm
Below The Line



77500276 — 
Battery separator



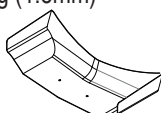
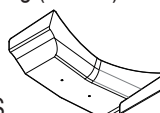
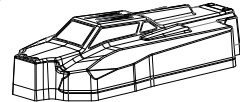
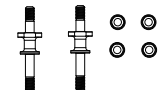
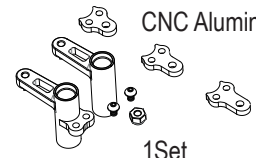
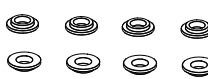
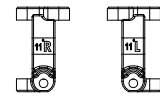
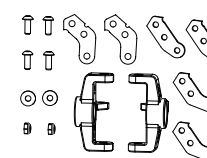
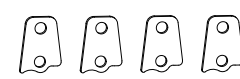
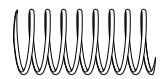
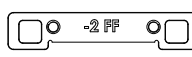
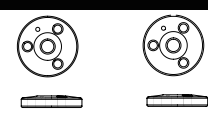
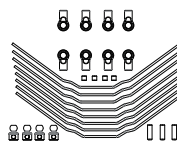
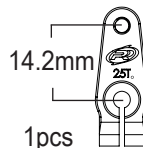
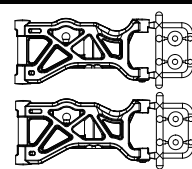
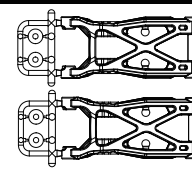
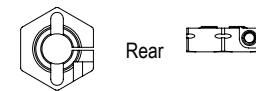
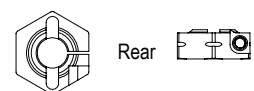
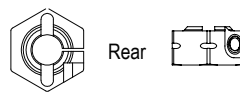
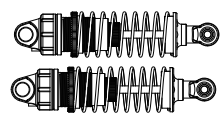
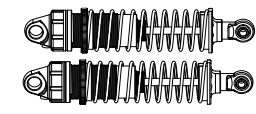
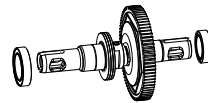
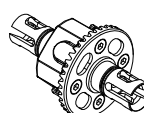
~~If You Use This Type~~
Please Cut 5mm
Below The Line



98400016
Antenna Tube

Cut off portion.



66402697  Wing (1.5mm) 1PCS	66400286  Wing (1.0mm) 1PCS	85430016  Aluminum Wing Mount Washer 2PCS	68481076  R- Body 0.8mm 1PCS
81430080  Front Shock Stand off Set	66402256  1PCS Servo Saver Post	66402266  1PCS Servo Saver Nut	68480526  1PCS Servo Saver Spring
66481256  CNC Aluminium 1Set	55430076  POM Shock Hat Bushing CNC (8)	68480976  1pr Aluminum 11 Degree SB401 Front Spindle Carrier R-L	77480160  Aluminum Steering Knuckles 1PR
94500011  (4) PRSB401 Shock Plate +1mm	62540002  6 pr PR RACING Front Shock Set (18mm)	62540002  6 pr PR RACING Front Shock Set (18mm)	77510020  FR Suspension Mount -2mm narrower 1pcs
77510010  -2 FF FF Suspension Mount -2mm narrower 1PCS	17430117  PRMachined Shock Pistons (13mm)1.7mmx3 Hole (4)	77480136  Sway Bar Set 1SET	68430090  14.2mm 1pcs Aluminum Servo Horn 25T
77500076  Graphite Front set Hard 2PCS	77500336  Graphite Front set Hard 2PCS	68440093  Rear PR RACING 12mm (-1.2mm) 2PCS Clamping Wheel Hex	68440094  Rear PR RACING 12mm (-0.6mm) 2PCS Clamping Wheel Hex
68440096  Rear PR RACING 12mm (+1mm) 2PCS Clamping Wheel Hex	94500029  PR RACING 13x31.5mm Front Shock Set (18mm spring) (2)	94500030  PR RACING 13x39.5mm Rear Shock Set (18mm spring)(2)	77500065  PR SB401-R Front One-Way seat (1)
77480126  SB401 R Differential Assembly (1)			

PR SB401 PR RACING TYPE R

2026PR SB401-R 1/10 Electric 4wd Off Road Buggy Kit
(One-Way Slipper Clutch Version) ITEM NO:77500300

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

0.8mm

1.1mm

2.3mm

Anti-Roll mm

Offset

Silver 4.2 mm

Black mm

FF

FR

Caster

5°

8°

11°

Shock Body

13.0mm

12.8mm

Pom Shim

0.36mm

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

Camber	
Ride Height	mm
TOE In Out	
Type R Shock Spring	

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

REAR

Anti-Roll mm

mm

0mm

-0.6mm

-1.2mm

mm Camber

Offset

Silver 4.2 mm

Black 5.2 mm

Brass mm

RF

RR

Length

Shock Body

13.0mm

12.8mm

Pom Shim

0.36mm

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

Camber	
Ride Height	mm
TOE In	
Type R Shock Spring	

Motor	
Spur Gera	T
Pinion	T
Esc	
Servo	☐ Std. Profile Servo ☐ Low Profile Servo
Battery Size	☐ Std. Short ☐ 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	☐ Standard ☐ Light

Aluminum Steering Knuckles

A2

A3

A4

Locknut

Relaxnut

Arm Shim

Servo Horn op standard

Front

Rear

Battery Spacer

Arm Shim

Locknut

Relaxnut

Cooling Fan

CNC Aluminium

Slipper Clutch

Differential

Front One-Way

Apply CA Glue if needed

Front Oil #

Rear Oil #

Central Differential Oil #

2/Gear

4/Gear

2/Gear

4/Gear

Chassis Flex

Kit Chassis

Op Chassis

SCREW USED

SCREW NOT USE X

Wing Length mm

Wing Thickness mm

Wing Cutting Line mm

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

Pinion gears they will fit.

Gear Ratio Chart-Internal Gear Ratio 2.6:1

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				

PRSB401

PR RACING
TYPE **R**



mit
MADE IN TAIWAN



EMAIL / infopr racing@gmail.com

1.1.0 Version