

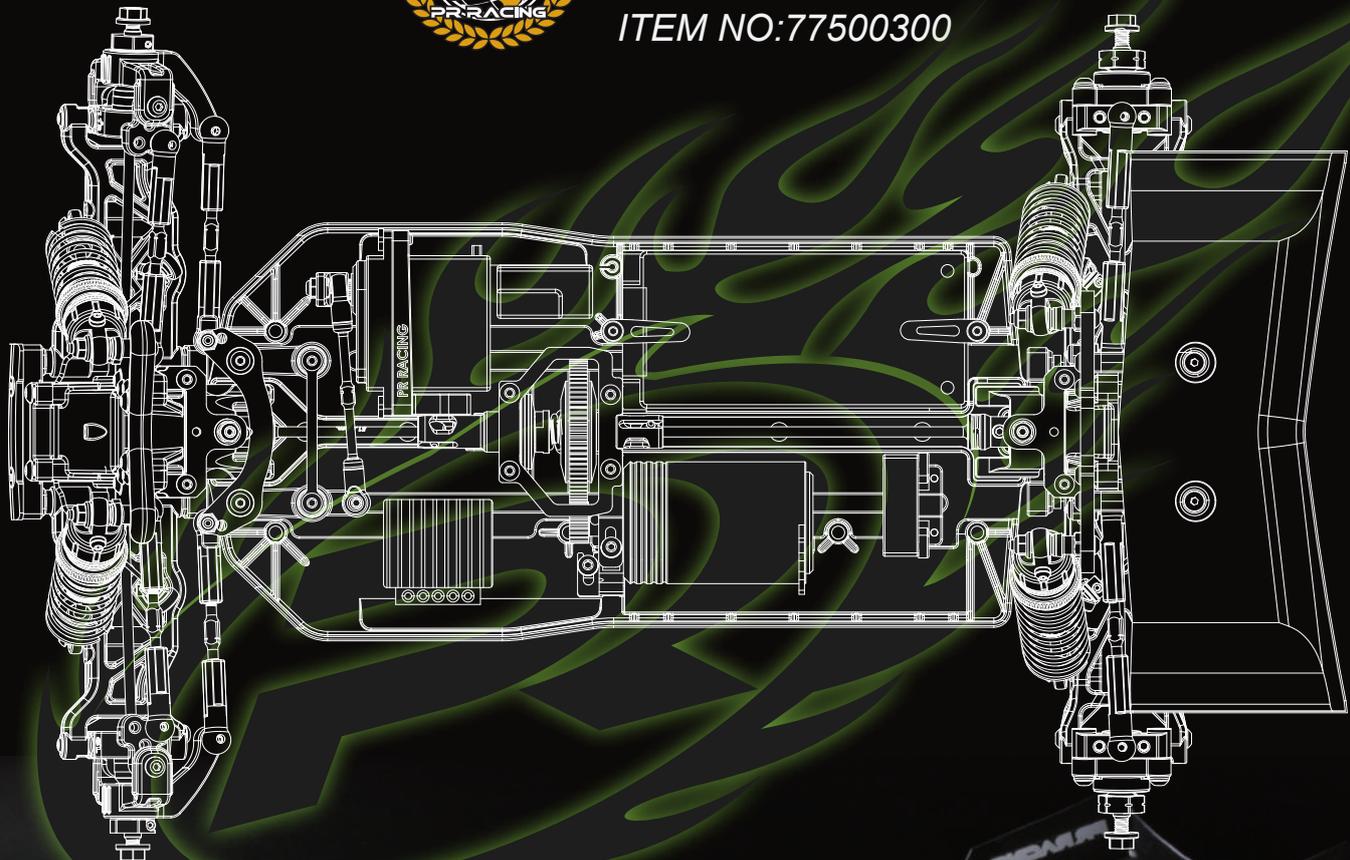
PR SB401



PR RACING
TYPE



ITEM NO:77500300



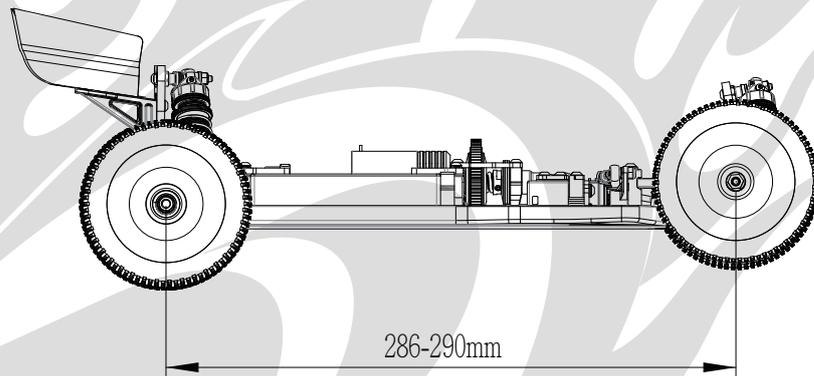
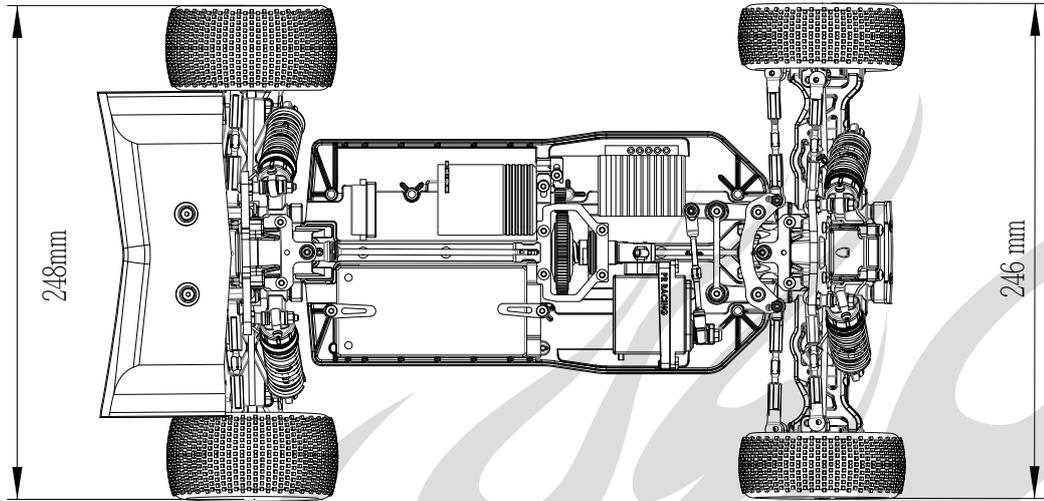
mit
MADE IN TAIWAN

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



PR RACING

P R RACING P R RACING



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 E -----	21-23
● BAG A -----	03-08	E1 Front & Rear Shock Assembly	
A1.1 Chassis Brace Installation		E2 Front & Rear Shock Installation	
A1.2 Motor Mount & Sponge		E3 Motor Installation	
A2 Gear Diff Assembly		E4 Mounting Tires Wheel Installation	
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	● 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.

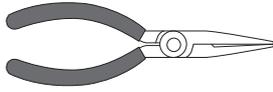
HEALTH WARNING

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



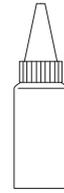
- Awl



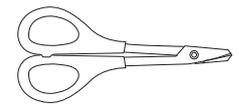
- Grease



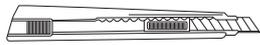
- Screw Cement



- Round Cutter & Sander



- Sharp Hobby Knife

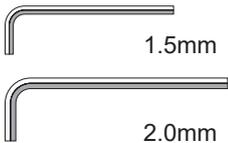


- Wire Cutters

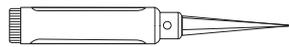


- For trimming bodies Cutting along curved lines was never so easy!

- Hex Wrench

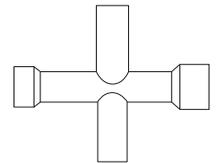


- SP Knife Edge Reamer



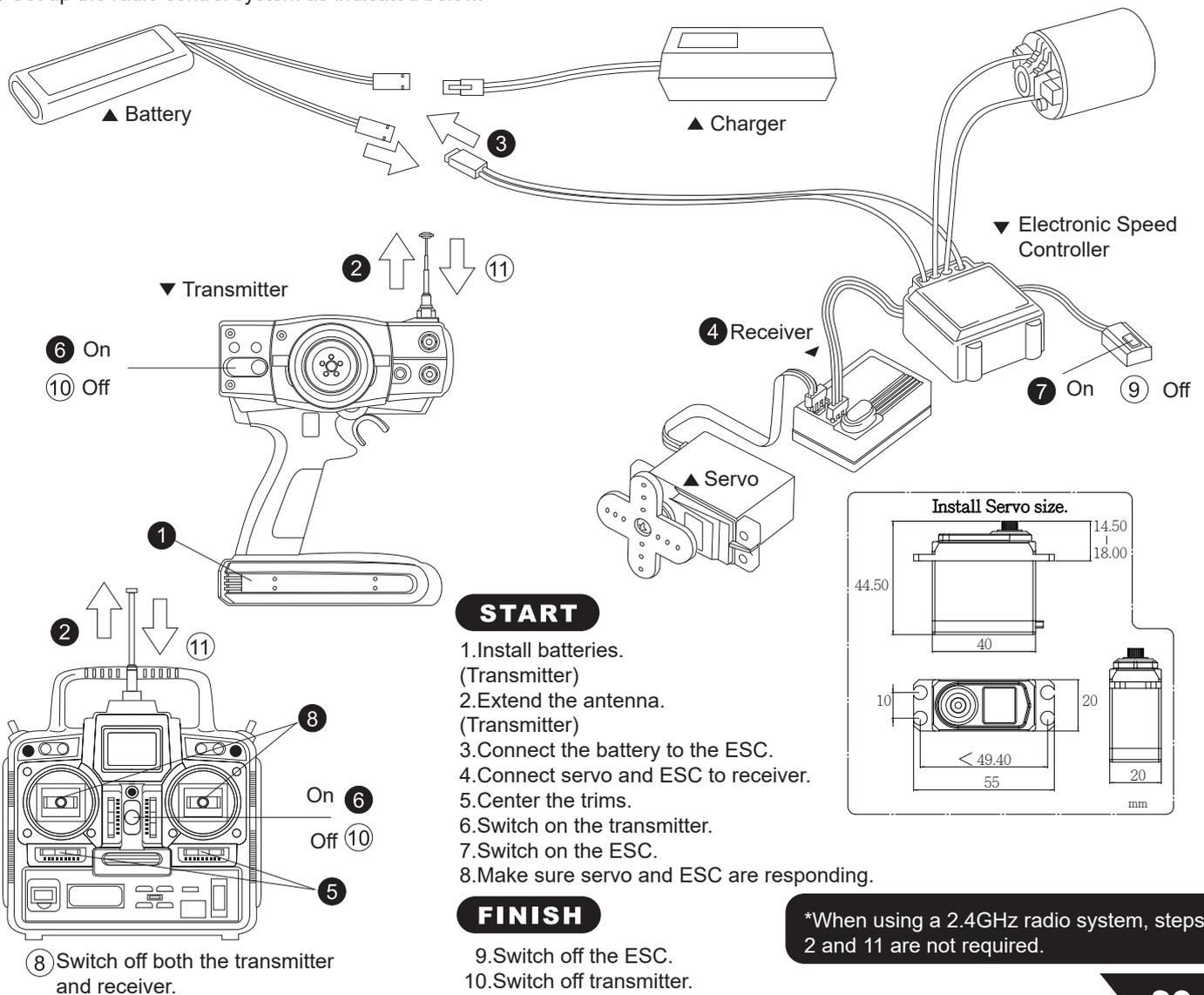
- Do not pre-drill as precise drilling of 1mm to 15mm holes can be performed after body shell painted.

- Cross Wrench
- 5.0mm-5.5mm
- 7.0mm



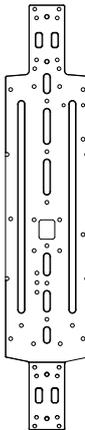
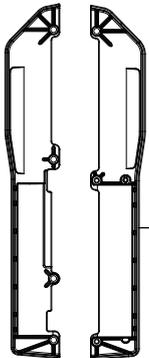
RADIO PREPARATION

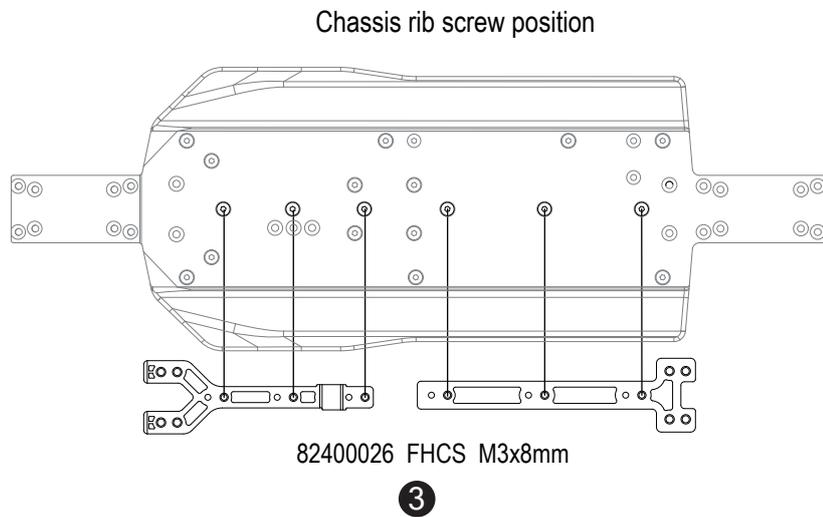
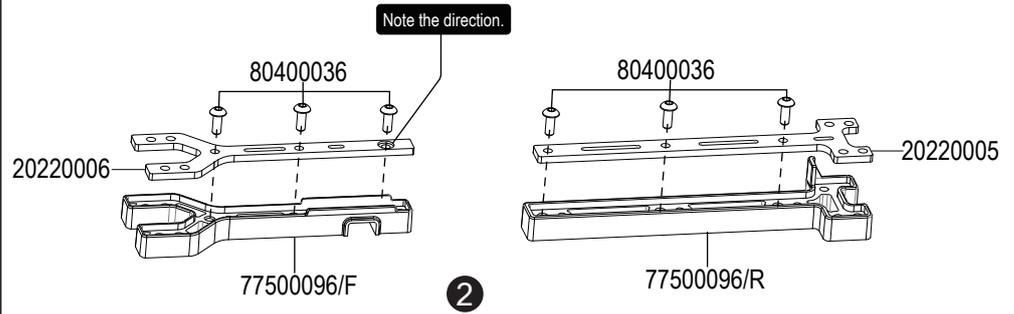
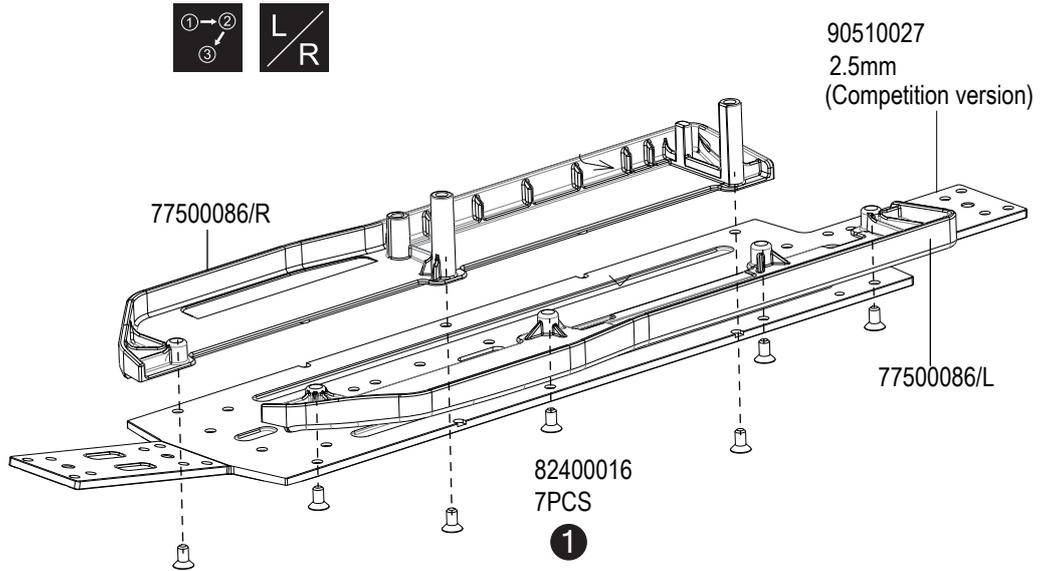
- A new battery must be charged before it is used. Refer to the charger instruction manual for charging.
- Set up the radio control system as indicated below.



*When using a 2.4GHz radio system, steps 2 and 11 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



A1.2 Motor Mount & Sponge

82400016 M3x6mm FHCS

77500016

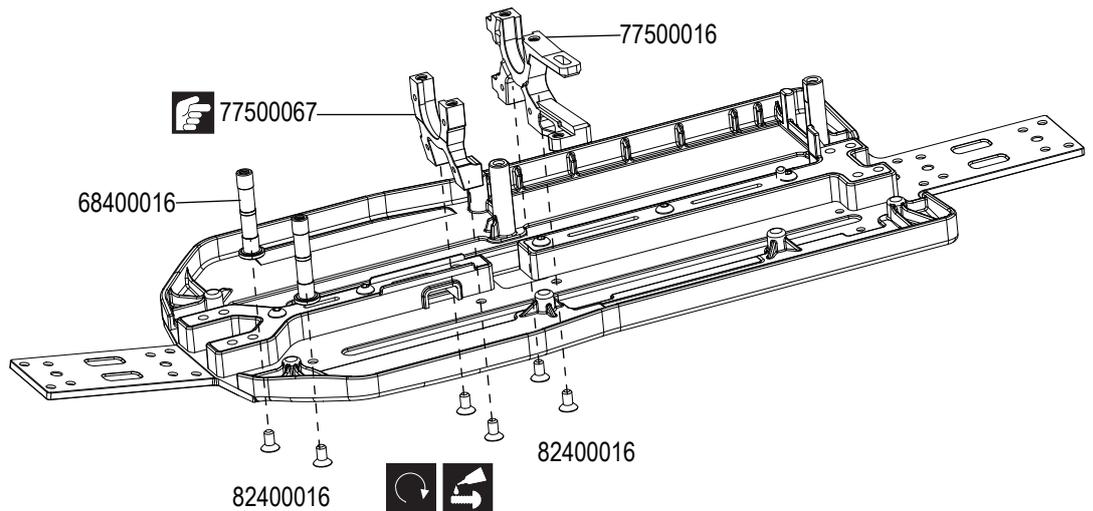
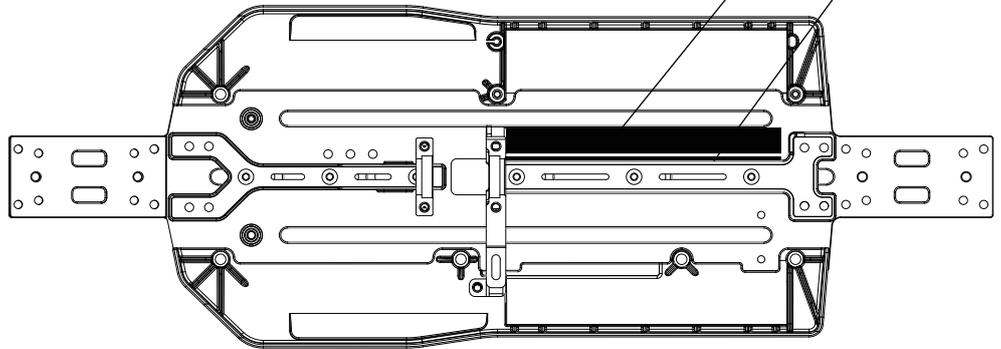
68400016

54430028 Foam
1x9x99mm&3x9x99mm

77500067 Front One-Way
use

Battery size adjustment

54430028 Sponge
10x99x1mm or 3 mm



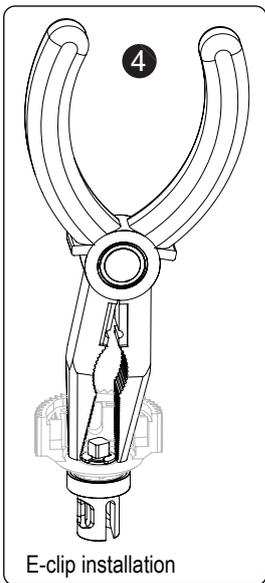
A2 Gear Diff Assembly

- 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)

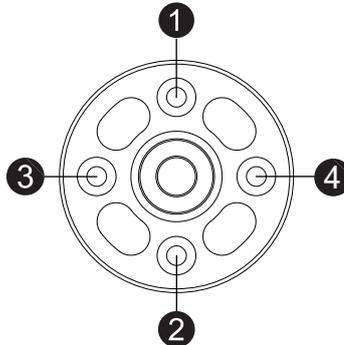


Build x2 (1 front, 1 rear)

Finish tightening in this order.

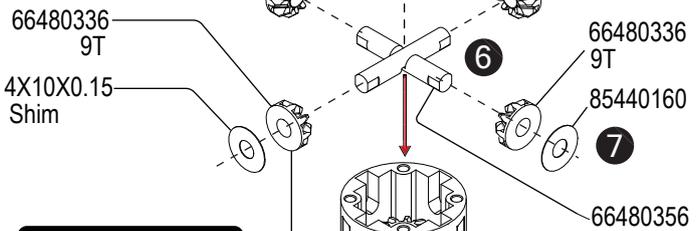
請照順序對角鎖緊差速上蓋螺絲

1 → 2 → 3 → 4

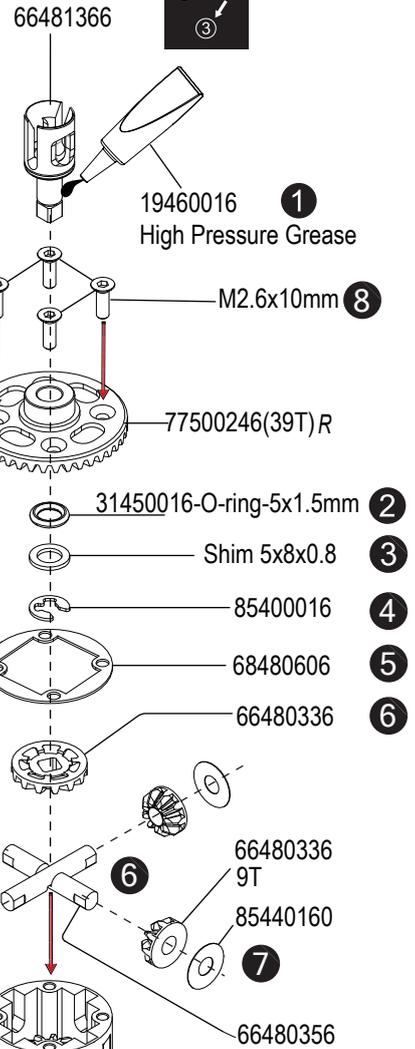


1 → 2 then 3 → 4

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



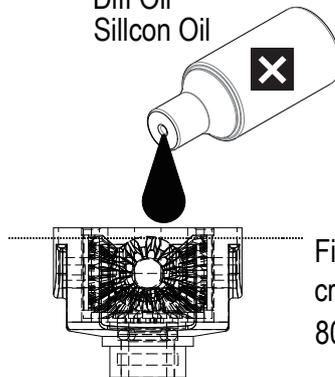
Based on track conditions, you can use 2 gears or 4 gears



Initial Setting

Front Diff	Rear Diff
Carpet 10000 Cst	Carpet 7000 Cst

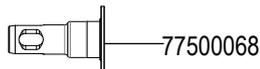
Diff Oil
Silicon Oil



Fill to top of the cross pins
80% oil max

A3 Front One-Way seat

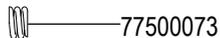
BAG
A



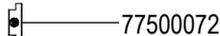
77500068



77500069



77500073



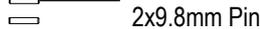
77500072



87400016
Set Screw 3x3mm



79400086



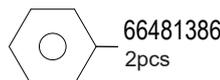
2x9.8mm Pin



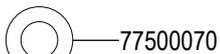
77500075



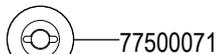
77500074



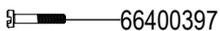
66481386
2pcs



77500070



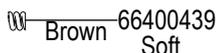
77500071



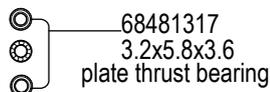
66400397



Black 66400438
Hard



Brown 66400439
Soft



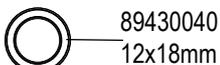
68481317
3.2x5.8x3.6
plate thrust bearing



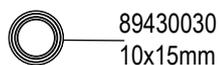
68400217
77T



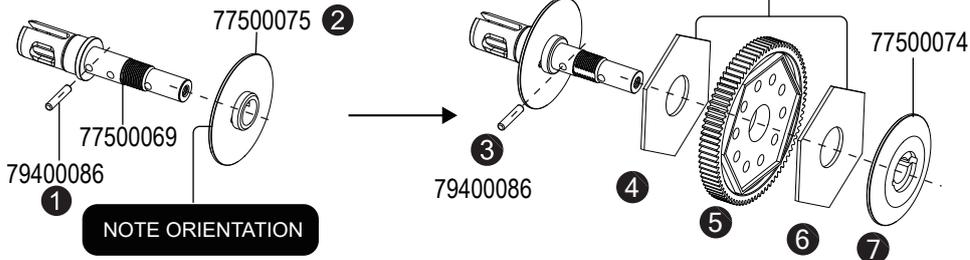
68400218
81T



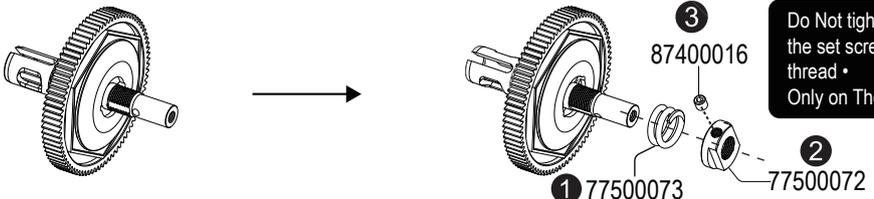
89430040
12x18mm



89430030
10x15mm

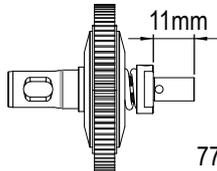


NOTE ORIENTATION

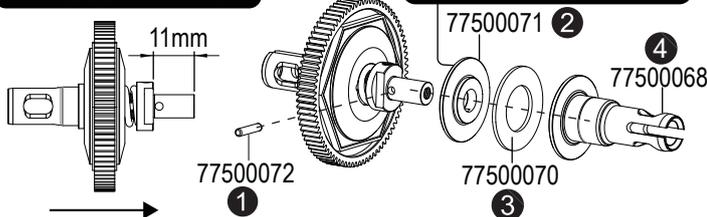


Do Not tighten
the set screw on the
thread •
Only on The flat area

INITIAL SETTING 11mm



NOTE ORIENTATION



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

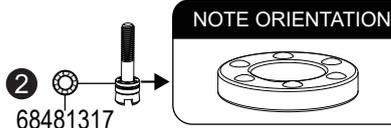
19460016
High Pressure Grease

∅ 3.2mm

68481317

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

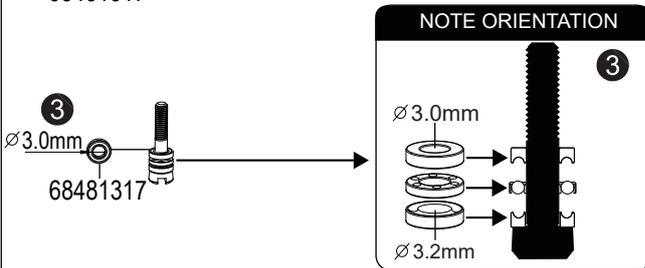
Apply threadlocker
(screw cement)



2

68481317

NOTE ORIENTATION

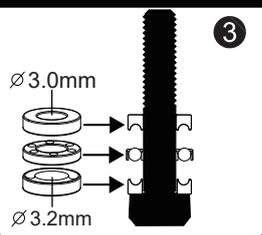


3

∅ 3.0mm

68481317

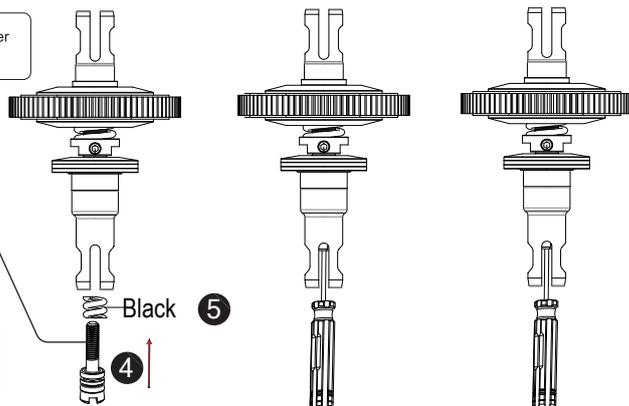
NOTE ORIENTATION



3

∅ 3.0mm

∅ 3.2mm



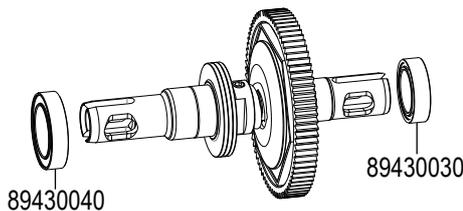
5

Black

4

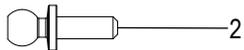
6
100%
Fully Tighten

7
Loosen The
Adjustment Screw
(540° CCW1-1.5 Laps)
INITIAL SETTING



89430040

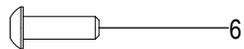
89430030



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



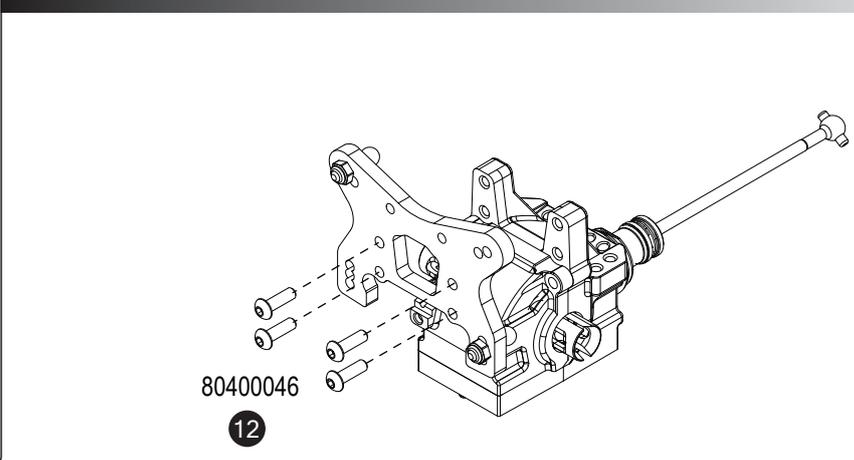
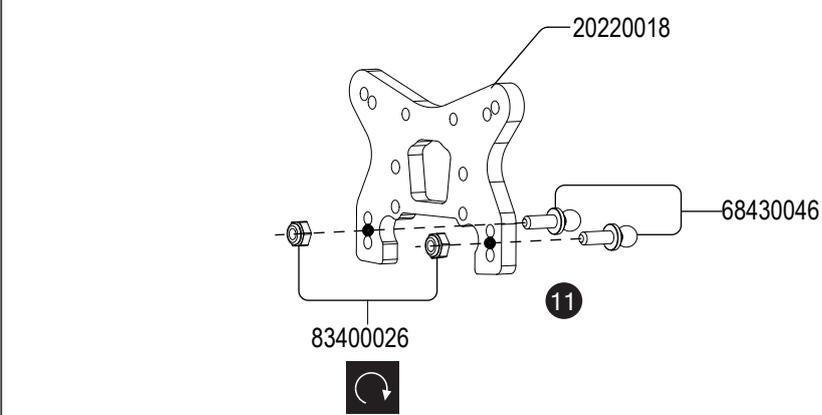
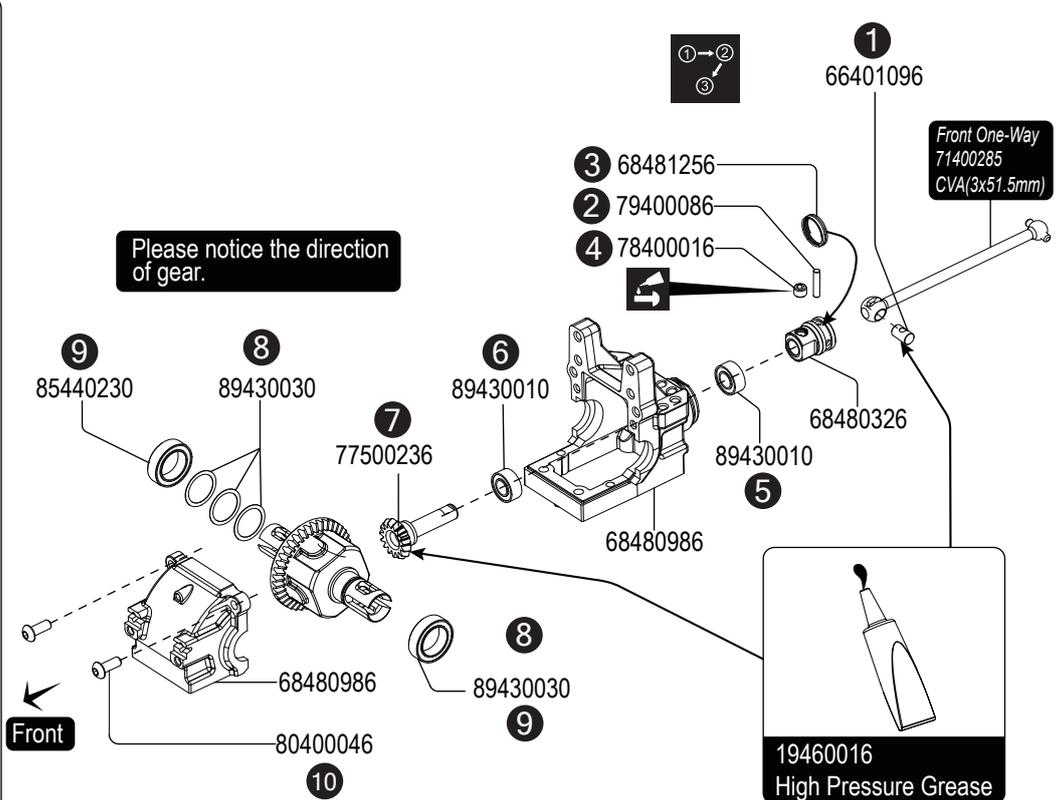
77500236



71400285 CVA(51.5mm)

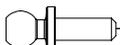
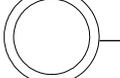
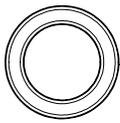
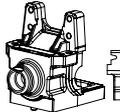
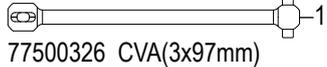


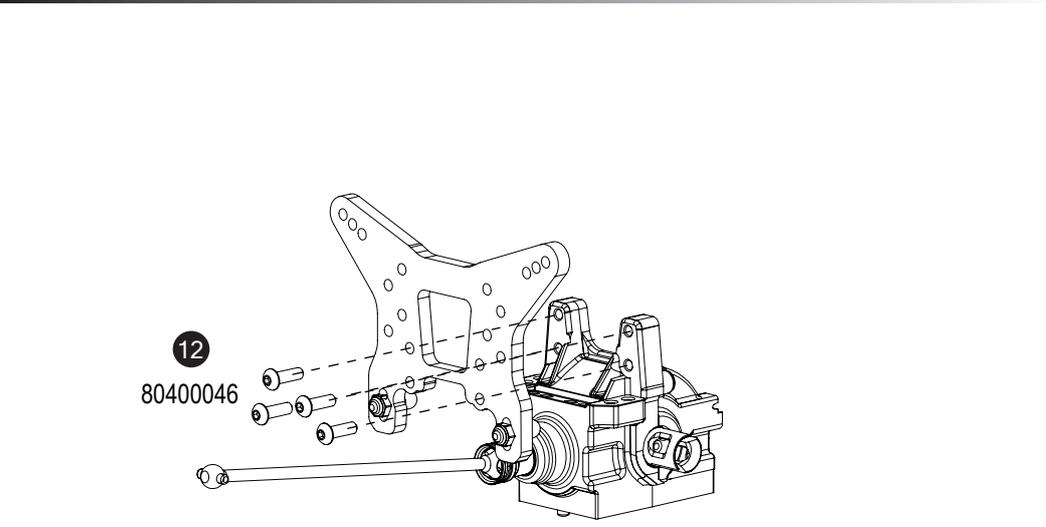
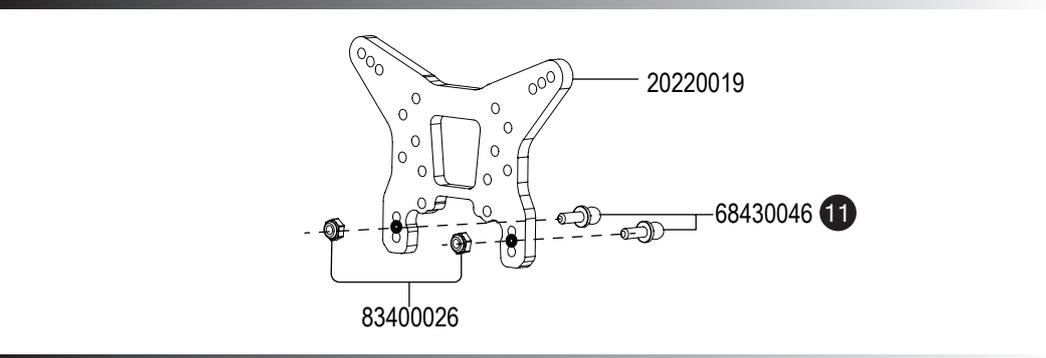
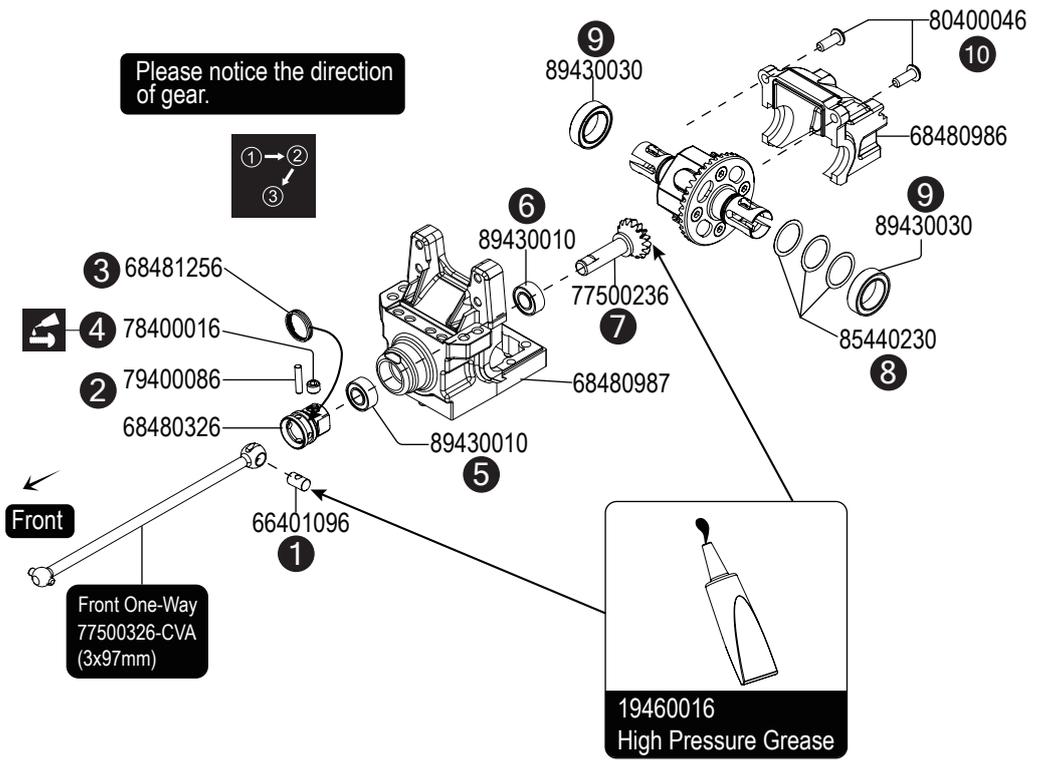
68480326



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

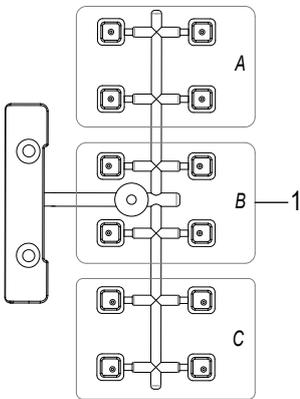


BAG
B

B1 FR Suspension Mount Installation

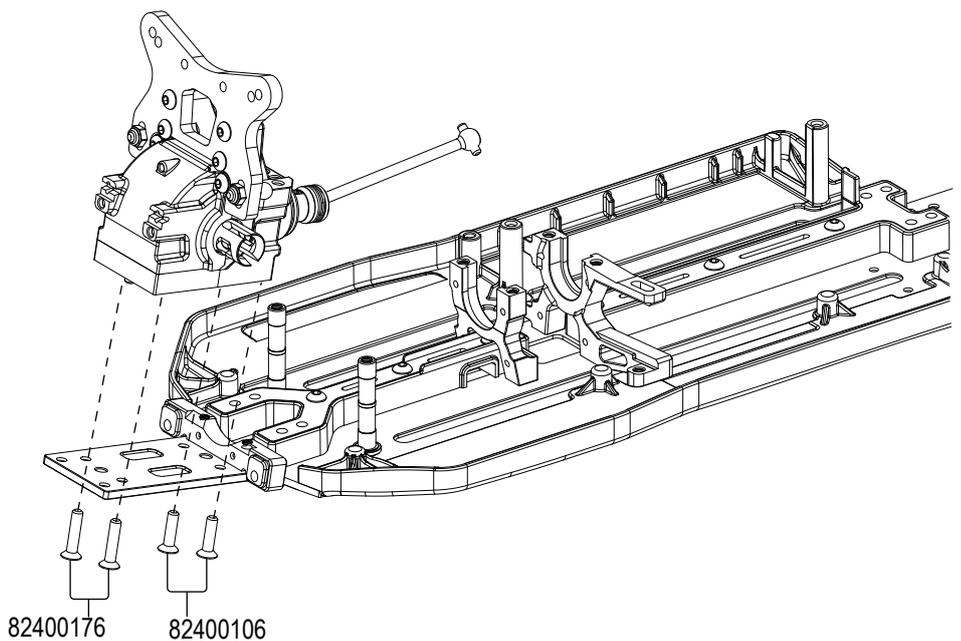
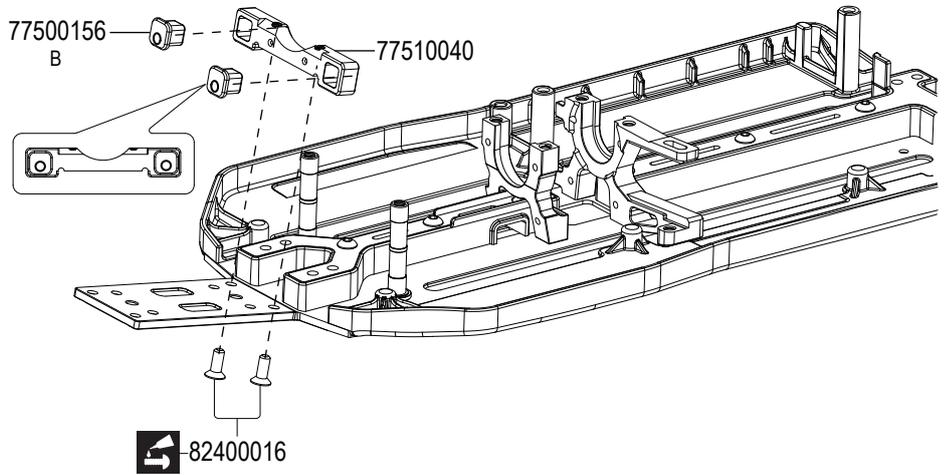
-  2
82400016 FHCS M3x6mm
-  2
82400106 FHCS M3x10mm
-  2
82400176 FHCS M3x15mm

-  1
77510040
FR Suspension Mount -1mm



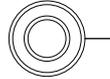
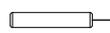
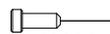
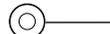
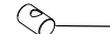
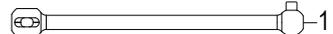
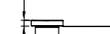
- 77500156
Suspension Hanger Insert

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



B2.1 Front Hub Carrier Assembly (Left Side)

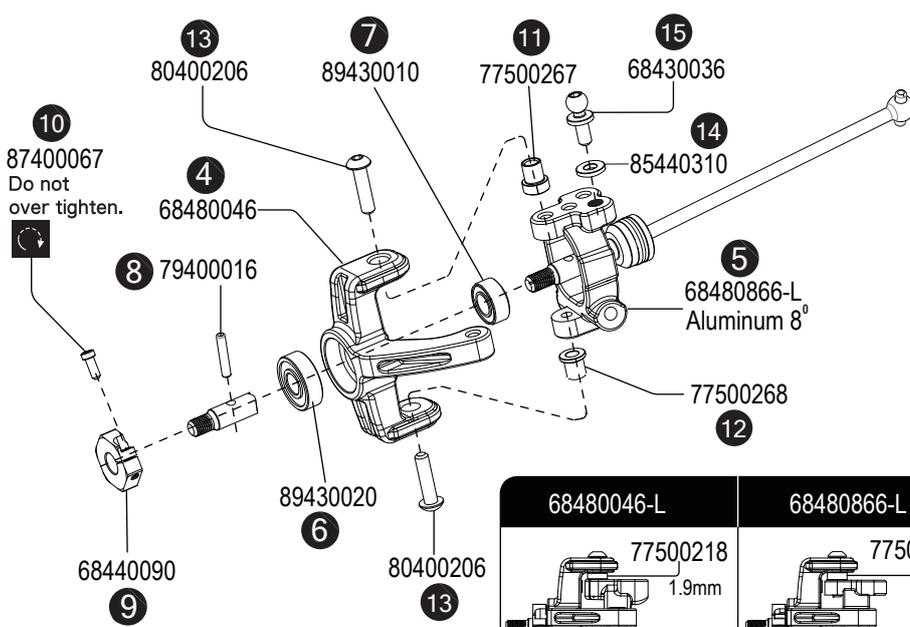
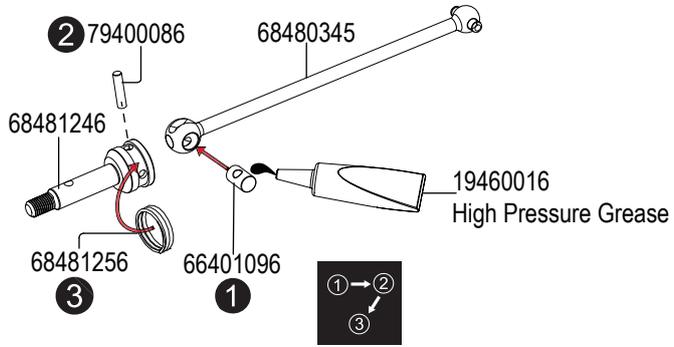
Left Side

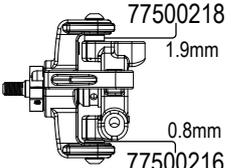
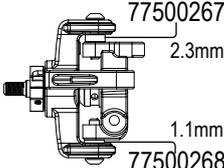
-  2
80400206 BHCS M3x12mm
-  2
68430036 4.8x6mm Ball Studs
-  1
89430010 5x10x4mm Bearing
-  1
89430020 5x13x4mm Bearing
-  1
79400086 2x9.8mm Pin (Silver)
-  1
79400016 2x10.8mm Pin (Black)
-  1
87400067 SHCS M2x6
-  1
68440090 4.2mm
-  1
68481246
-  1
68480046
-  1
85440310 3x6.5x1mm Silver Aluminum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

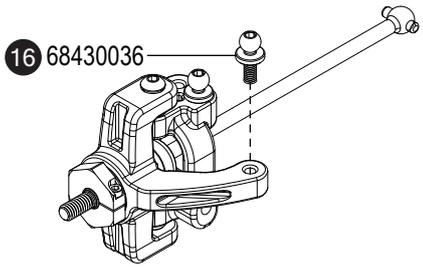
Corner Speed

Stable	Aggressive
	
Nylon plastic	Aluminum

68480046-L 68480866-L

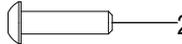
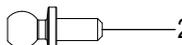
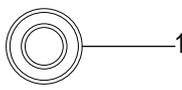
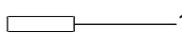
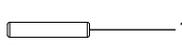
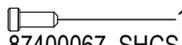
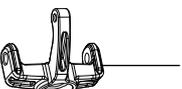
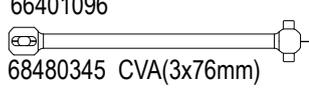
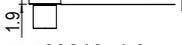


68480046-L	68480866-L
	
77500218 1.9mm	77500267 2.3mm
77500216 0.8mm	77500268 1.1mm
Nylon plastic	Aluminum



B2.2 Front Hub Carrier Assembly (Right Side)

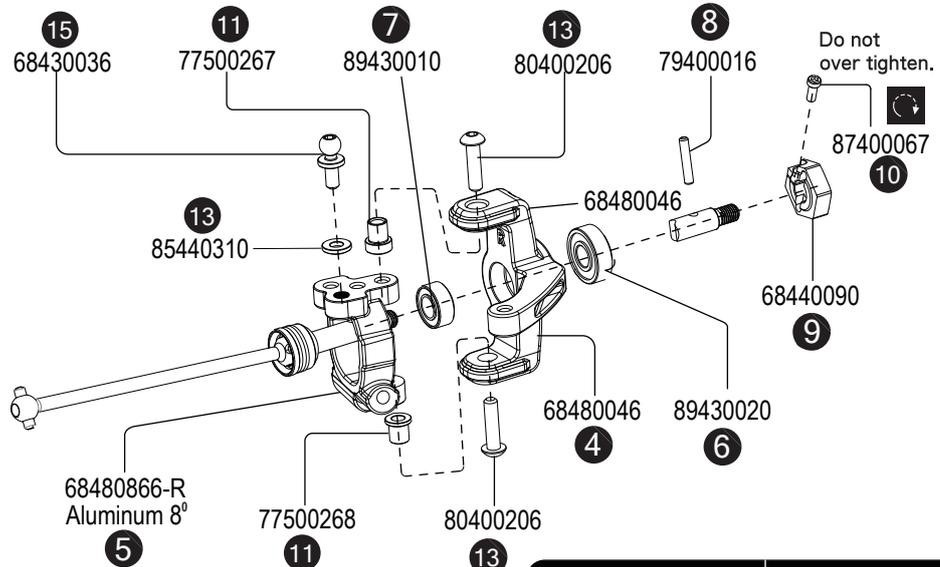
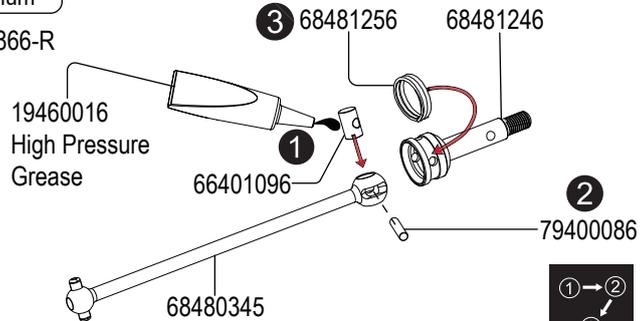
Right Side

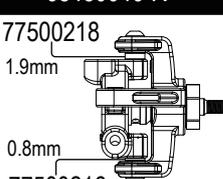
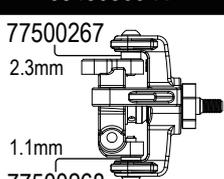
-  2
80400206 BHCS M3x12mm
-  2
68430036 4.8x6mm Ball Studs
-  1
89430010 5x10x4mm Bearing
-  1
89430020 5x13x4mm Bearing
-  1
79400086 2x9.8mm Pin (Silver)
-  1
79400016 2x10.8mm Pin (Black)
-  1
87400067 SHCS M2x6
-  1
68440090 4.2mm
-  1
68481246
-  1
68480046
-  1
85440310 3x6.5x1mm Silver Aluminum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

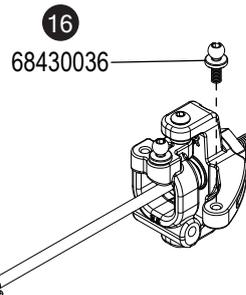
Corner Speed

Stable	Aggressive
	
Nylon plastic	Aluminum

68480046-R 68480866-R



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



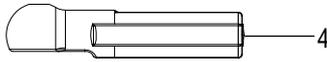
BAG
B

B4 Front Upper Turnbuckle Assembly

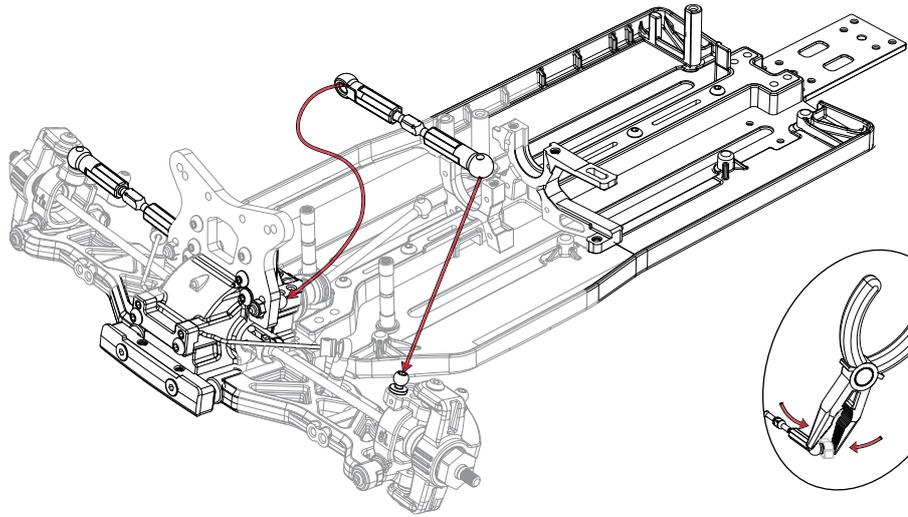
One side is reverse threaded.



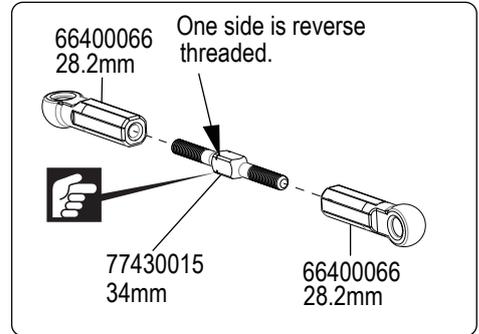
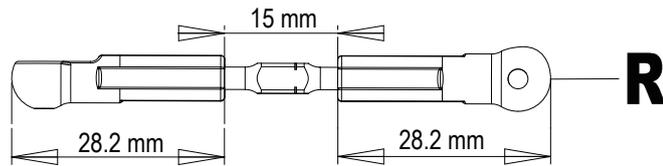
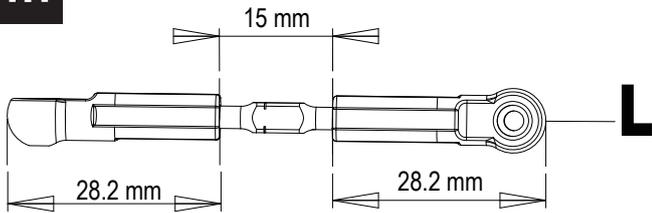
2
77430015 34mm Turnbuckles



4
66400066 28.2mm

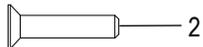


1:1

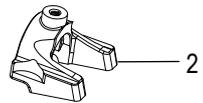


BAG
B

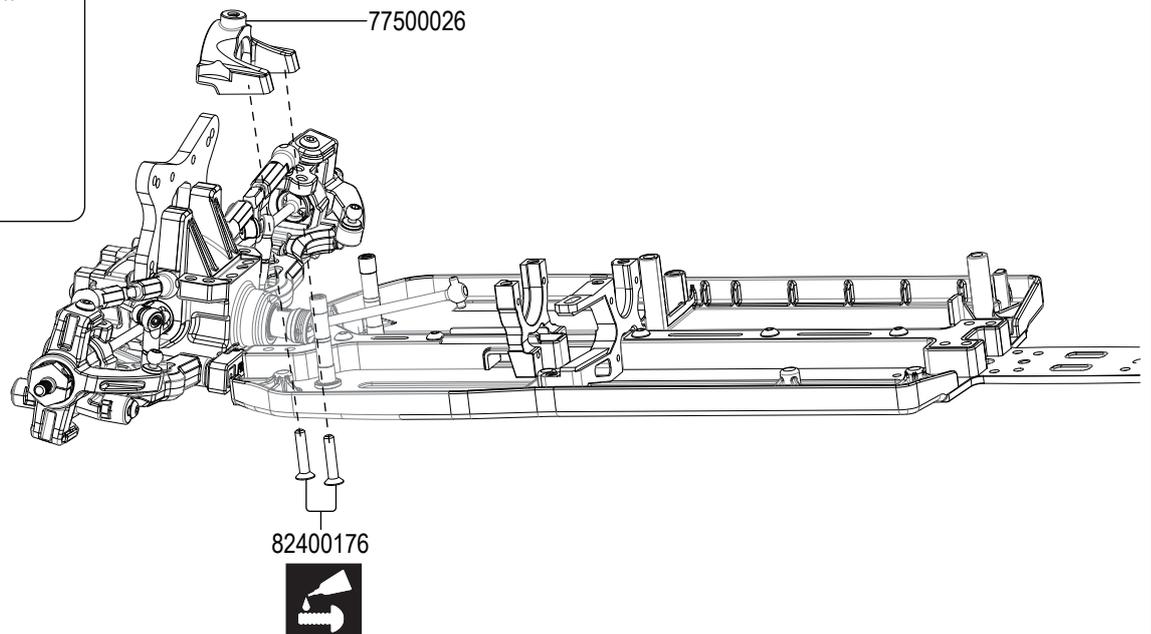
B5 Gearbox-Reinforcement (Front)



2
82400176 FHCS 3x15mm



2
77500026



Part bags used.



Note the direction.



Apply threadlocker (screw cement)



C1 Rear Assembly RF Suspension Mount

4
80400046 BHCS M3x10mm

4
80400206 BHCS M3x12mm

2
82400016 FHCS M3x6mm

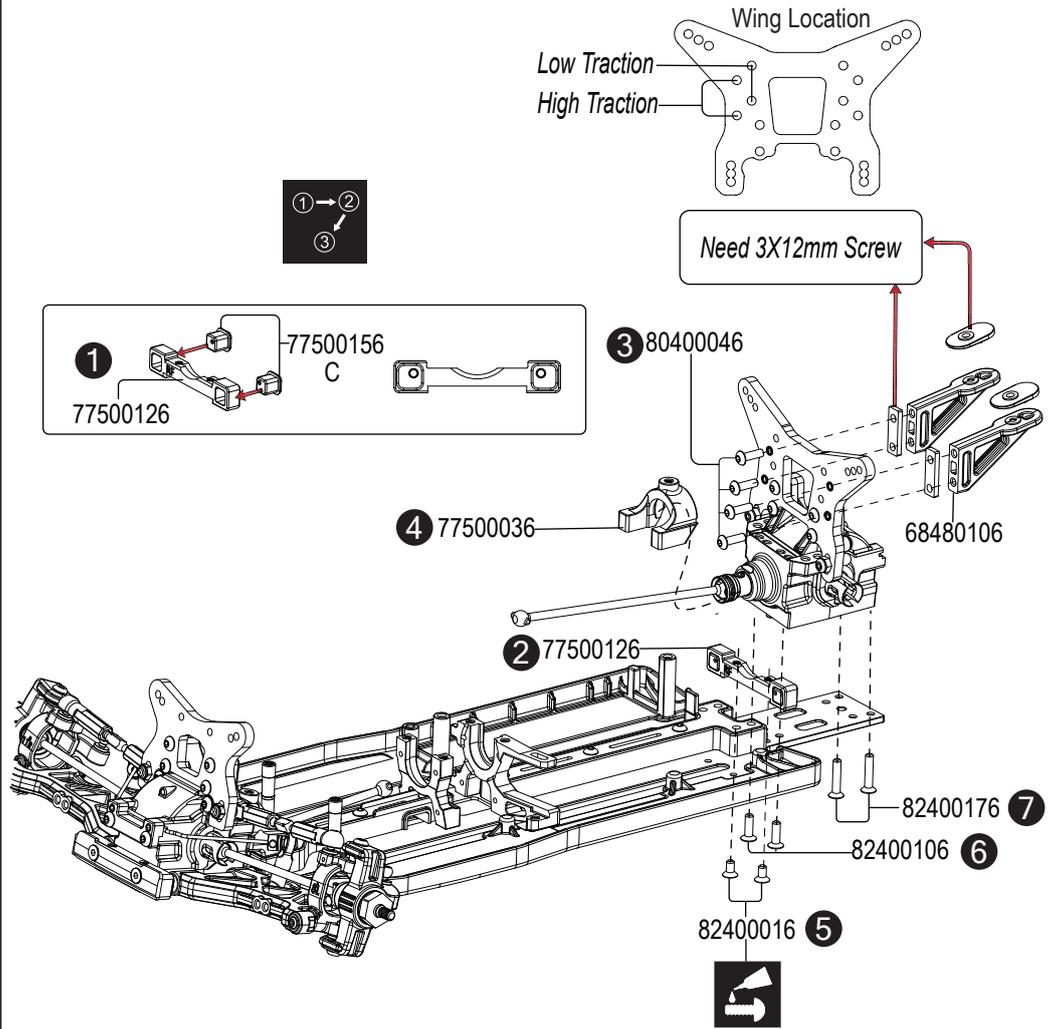
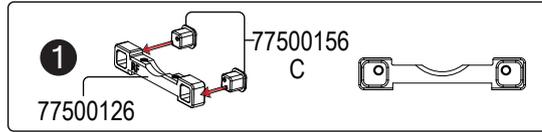
2
82400106 FHCS M3x10mm

2
82400176 FHCS M3x15mm

1
77500036

1
77500126 RF

2
68480106

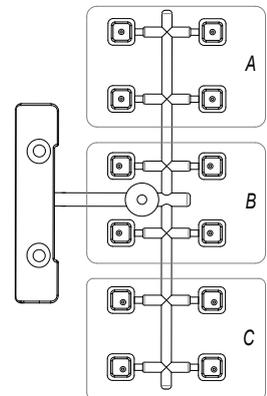


Need 3X12mm Screw



	RF	RR	TOE	SQUAT	RF	RR	TOE	SQUAT
FRONT HANGER INSERTS			+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
			+1.6	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

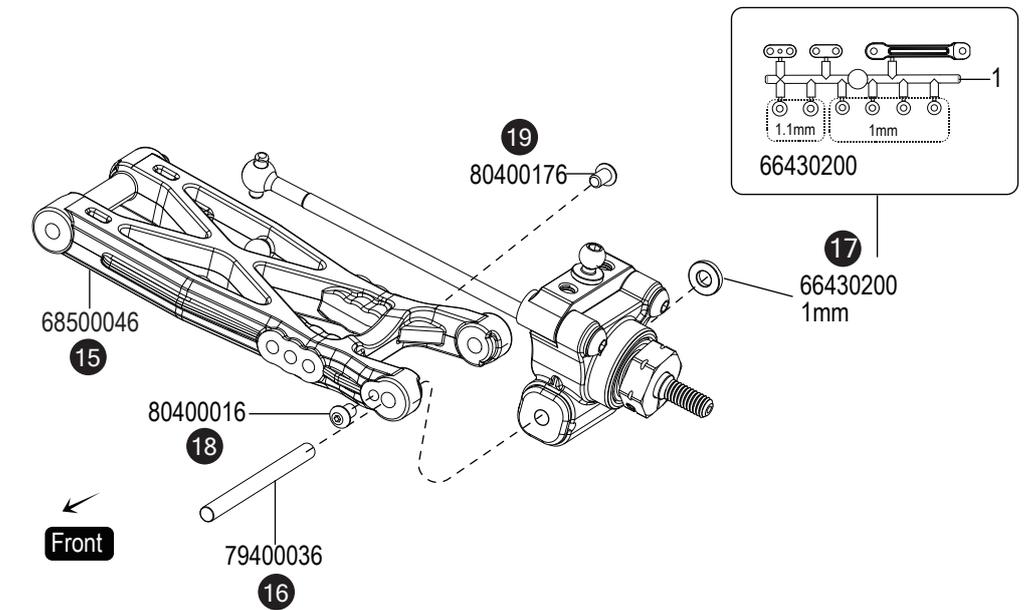
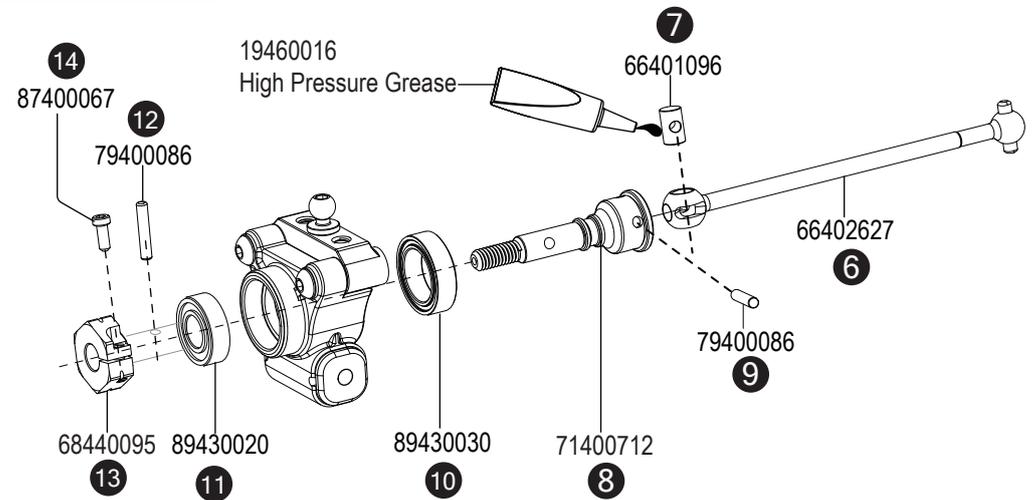
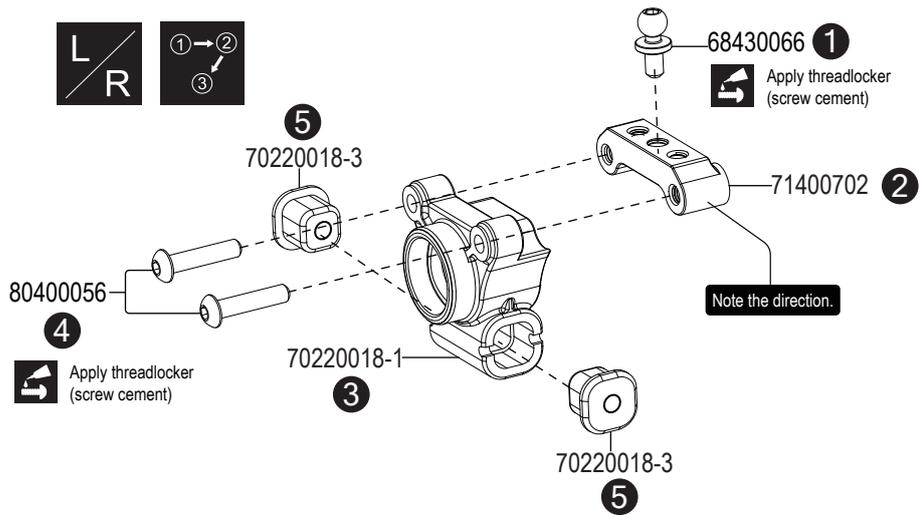
4
79400086 2x9.8mm Pin (Silver)

2
87400067 SHCS M2x6mm

2
68500046

1
68500046

2
71400702 Aluminum



BAG
C

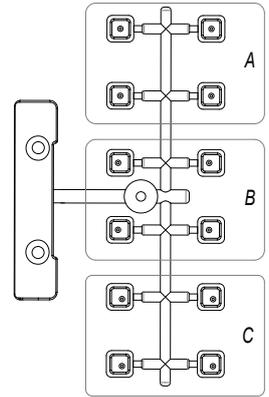
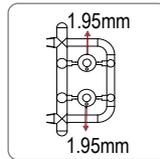
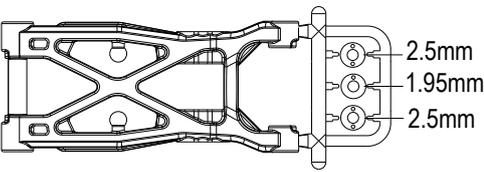
C3 Rear RR Suspension Mount

2
82400016 FHCS M3x6mm

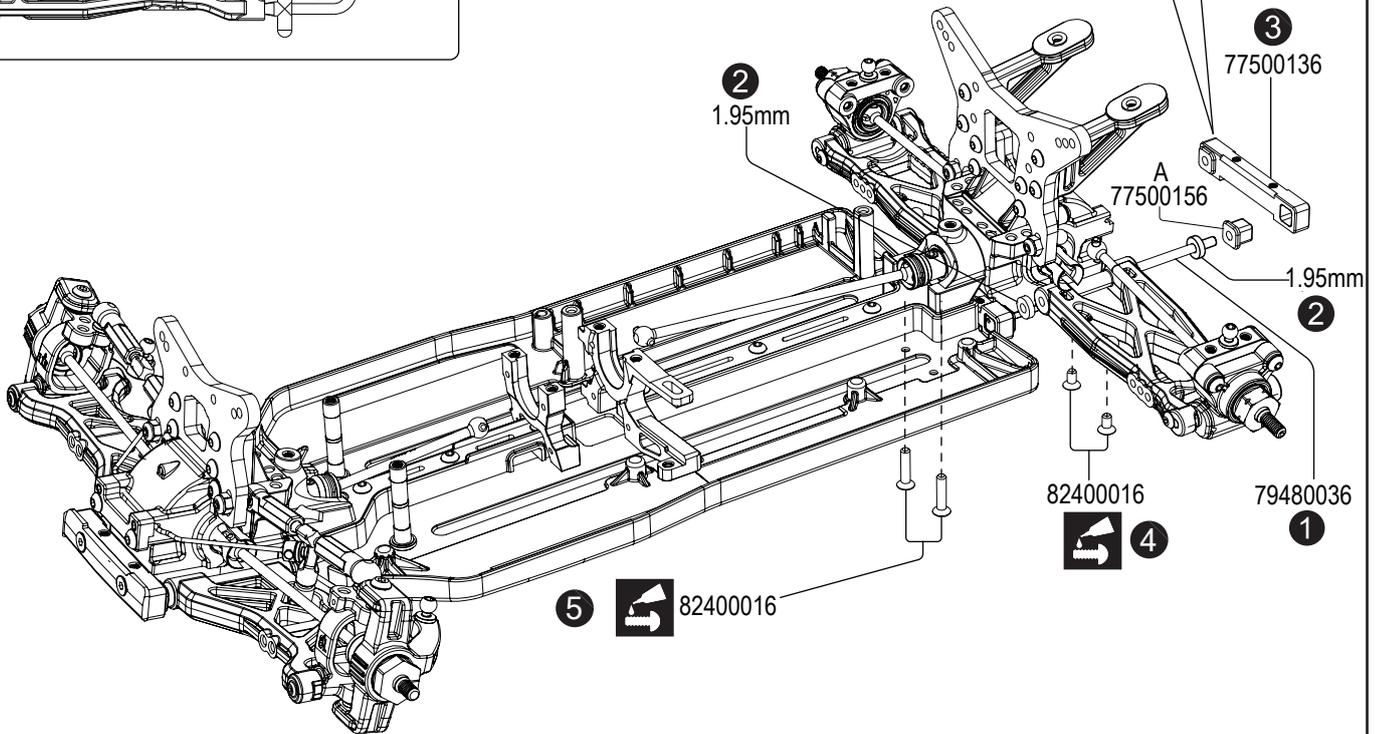
2
82400176 FHCS M3x15mm

79480036 3x52mm Pin — 2

1
77500136

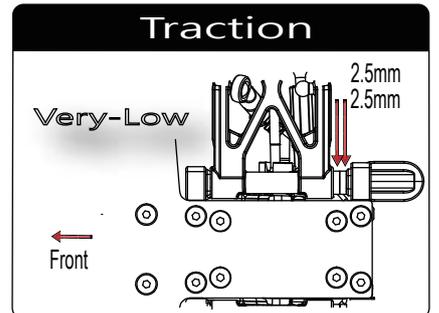
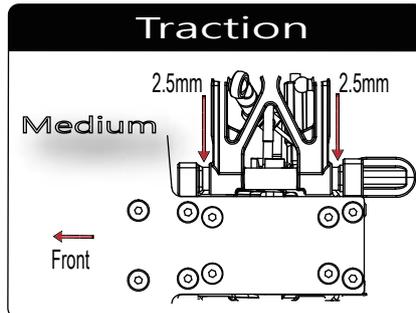
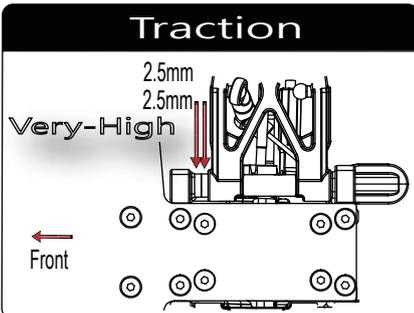


77500156
Suspension Hanger Insert



REAR HANGER INSERTS

Track Conditions



Part bags used.

Tighten securely.

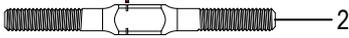
Apply threadlocker (screw cement)

Assemble in the specified order.

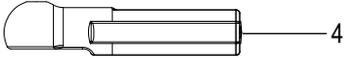


C4 Rear Upper Turnbuckle Assembly

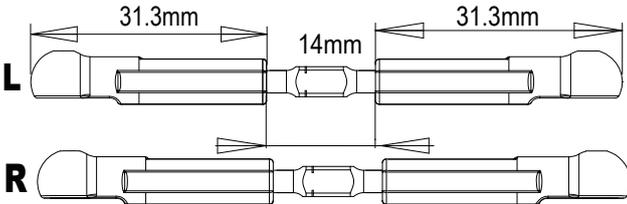
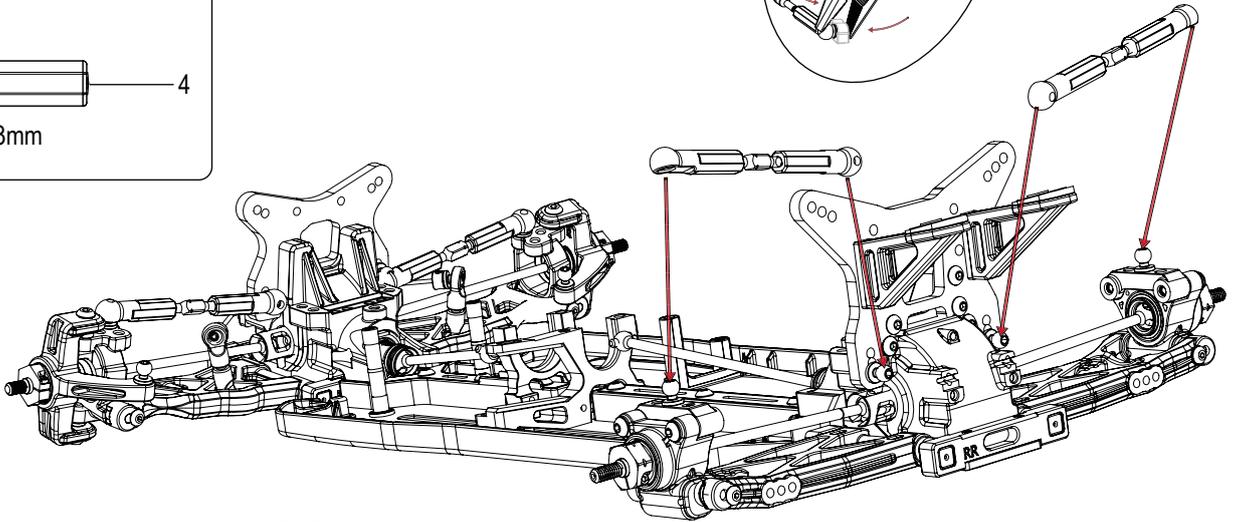
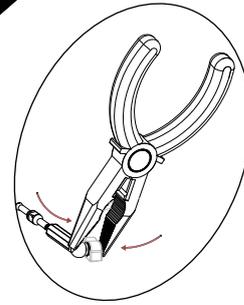
One side is reverse threaded.



36mm Turnbuckles
77430016



66400066 31.3mm

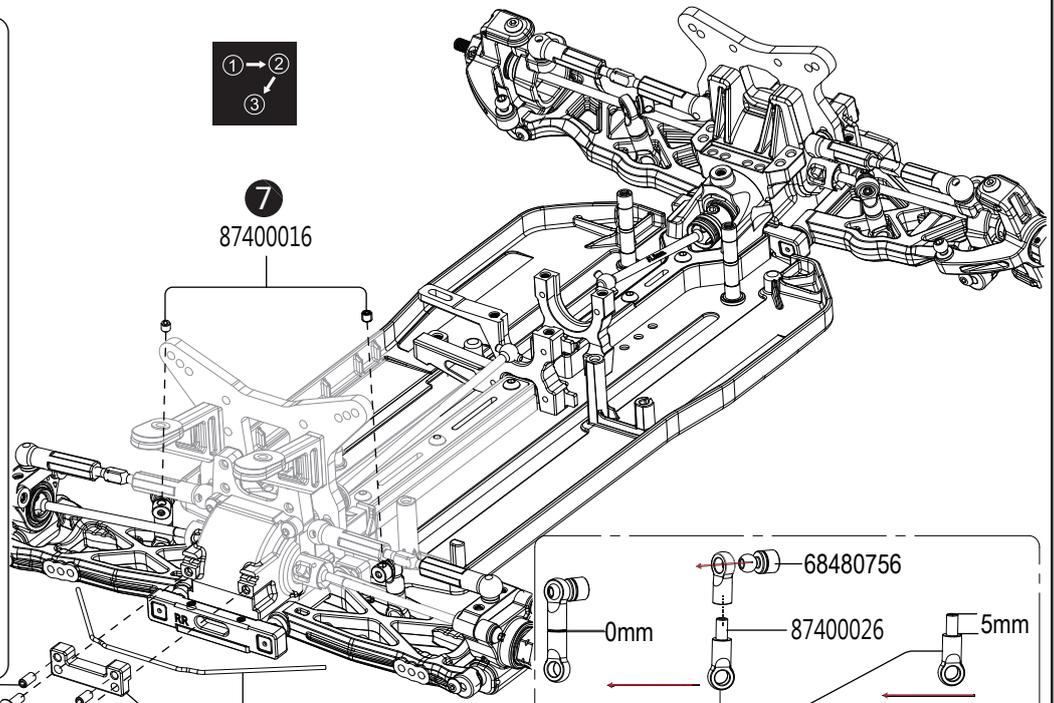


1:1

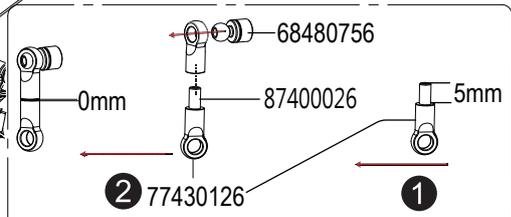


C5 Rear Sway Bar Installation

- 2
80400036 BHCS M3x8mm
- 2
87400016 Set Screw M3x3mm
- 2
78400026 Set Screw M3x6mm
- 2
87400026 Set Screw M3x10mm
- 1
68480036
- 1
66481306 Sway Bar (1.6mm)
- 4
77430126
- 2
68480756



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



Assemble 2 sway bar rod.

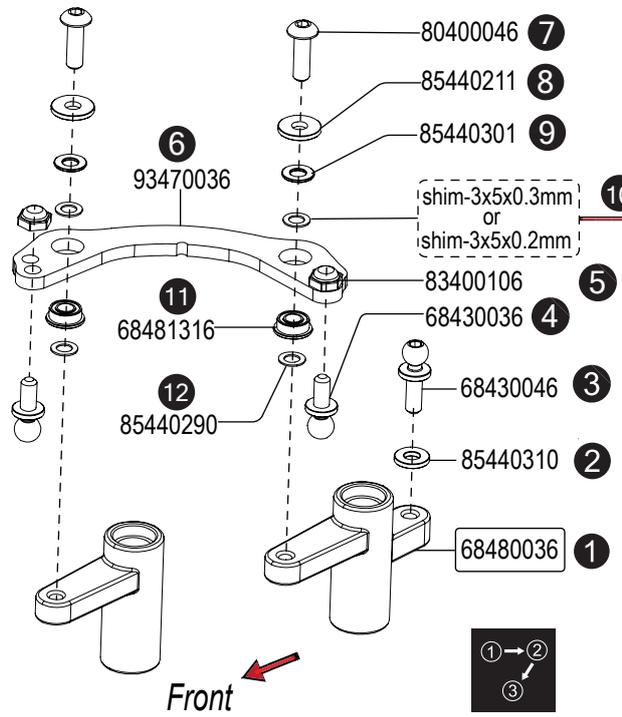


D1 Bell Crank Installation

BAG
D

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

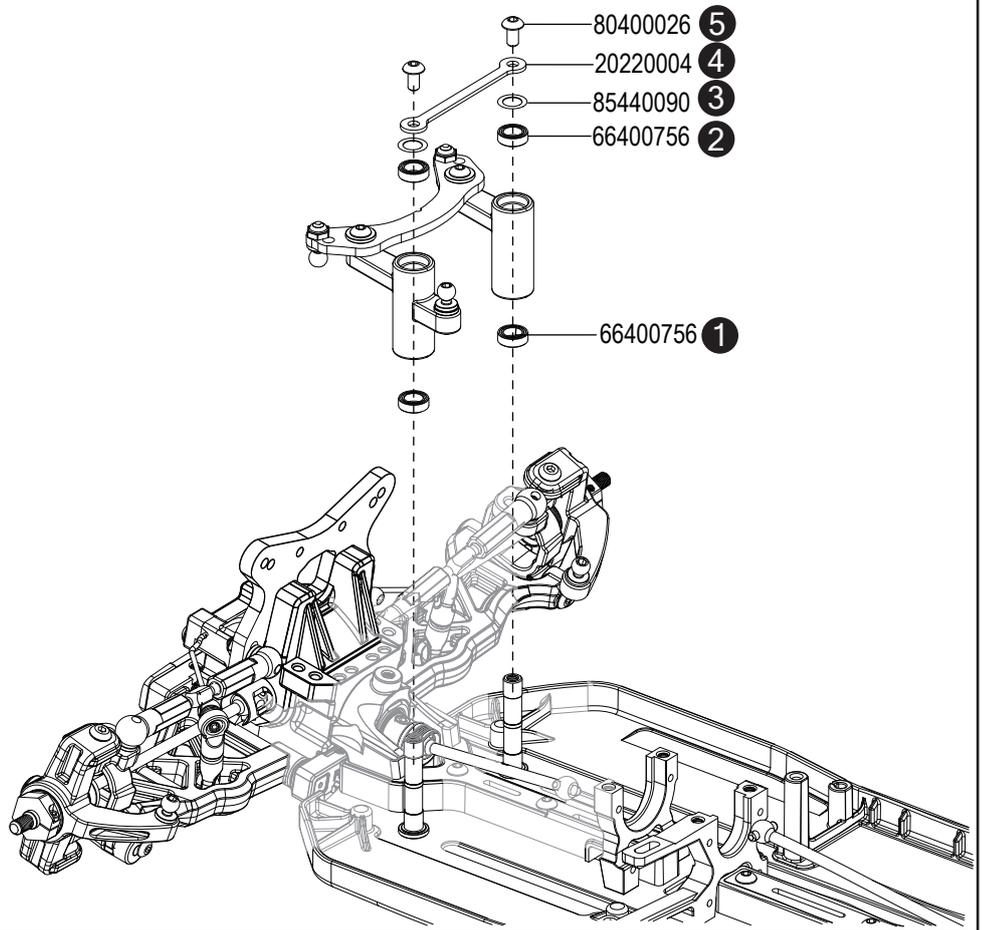
-  2
68430036 M4.8mmx6mm Ball Studs
-  1
68430046 M4.8mmx8mm Ball Studs
-  2
83400106 M3 Lock Nut
-  4
85440290 3x5x0.3mm Shim-Silver
-  2
85440020 3x5x0.2mm Shim-Silver
-  2
85440301 3x6x0.5mm Shim-Black
-  2
85440211 3x8x1mm Shim-Black
-  1
85440310 3x6.5x1mm Shim Silver Aluminum Spacer
-  2
80400046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



BAG
D

D2 Steering

-  2
80400026 BHCS M3x6mm
-  4
66400756 5x8x2.5mm Ball Bearing
-  1
20220004
-  2
85440090 5x8x0.1mm Shim

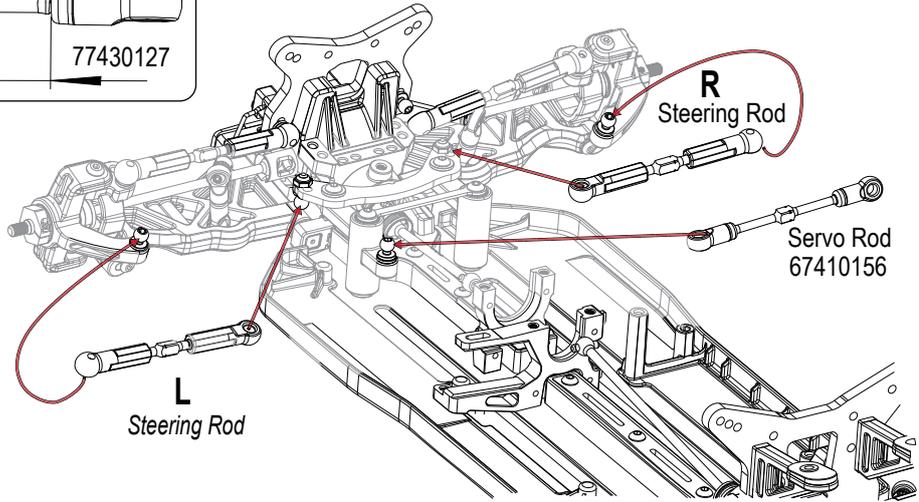
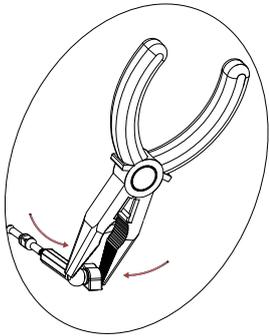
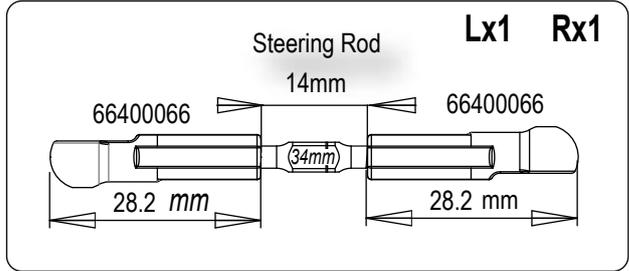
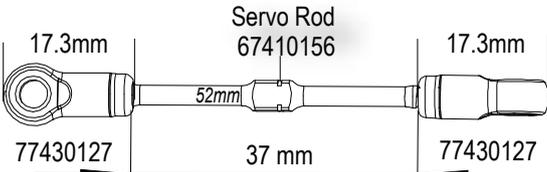


BAG
D

D3 Turnbuckle Assembly-Steering Rod

67410156 52mm Turnbuckles 1

77430015 34mm Turnbuckles 2



BAG
D

D4 Steering Servo

82400026 FHCS M3x8mm 4

82400106 FHCS M3x10mm 1

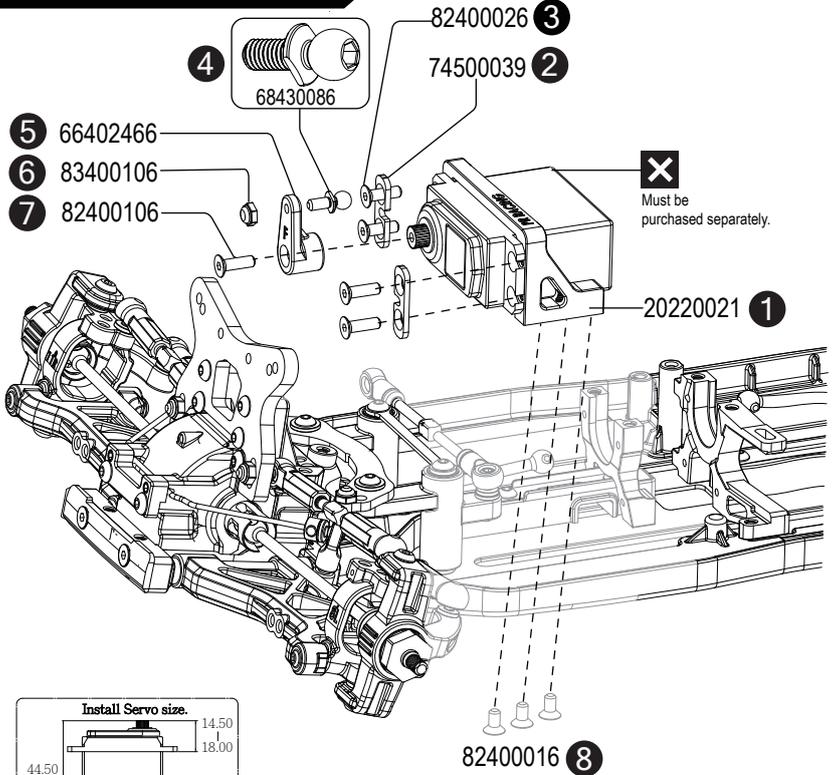
82400016 FHCS M3x6mm 3

83400106 M3 Lock Nut 1

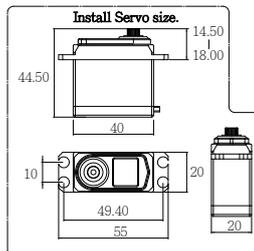
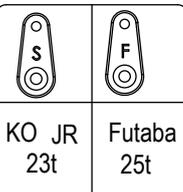
68430086 M4.8mmx6mm-0.8mm Ball Studs 1

74500039 Servo carbon fiber spacer 2

20220021 Aluminum Servo Mount V2 1



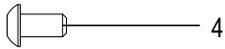
Servo Installation
66402466



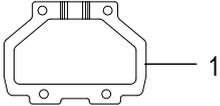
Make sure that the servo is centered before attaching the servo horn.
(Refer to your radio manual for more information)
Select the servo horn matching the servo being used.

D5 Center Mount Plate

BAG
D

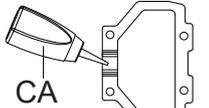


80400026 BHCS M3x6mm



20240008
One-Way Graphite Center
Upper Deck

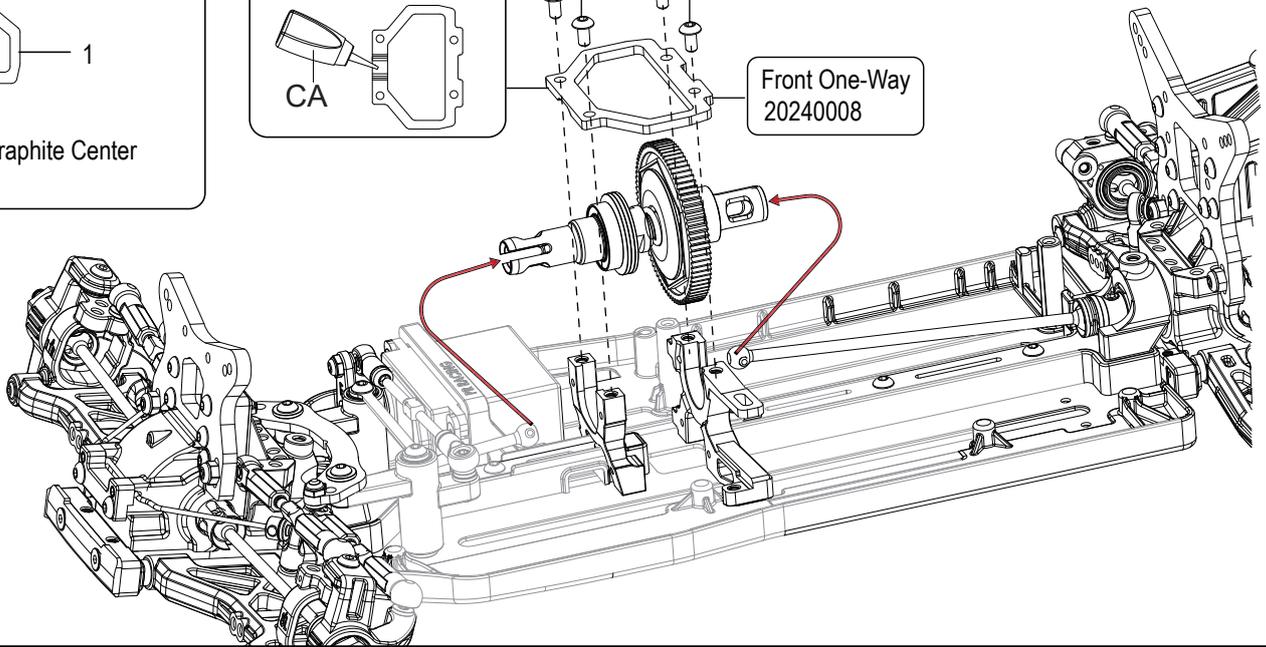
NOTE ORIENTATION



CA

80400026

Front One-Way
20240008

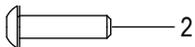


D6 Battery Hold Down Installation

BAG
D



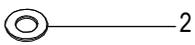
80400026
BHCS M3x6mm



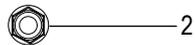
80400206
BHCS M3x12mm



85440240 M3 antislip shims



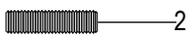
85440301 3x6x0.5mm Shim



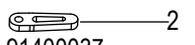
83400046 M3 Lock Nut



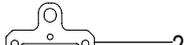
31430019
2x1.5mm O Rings



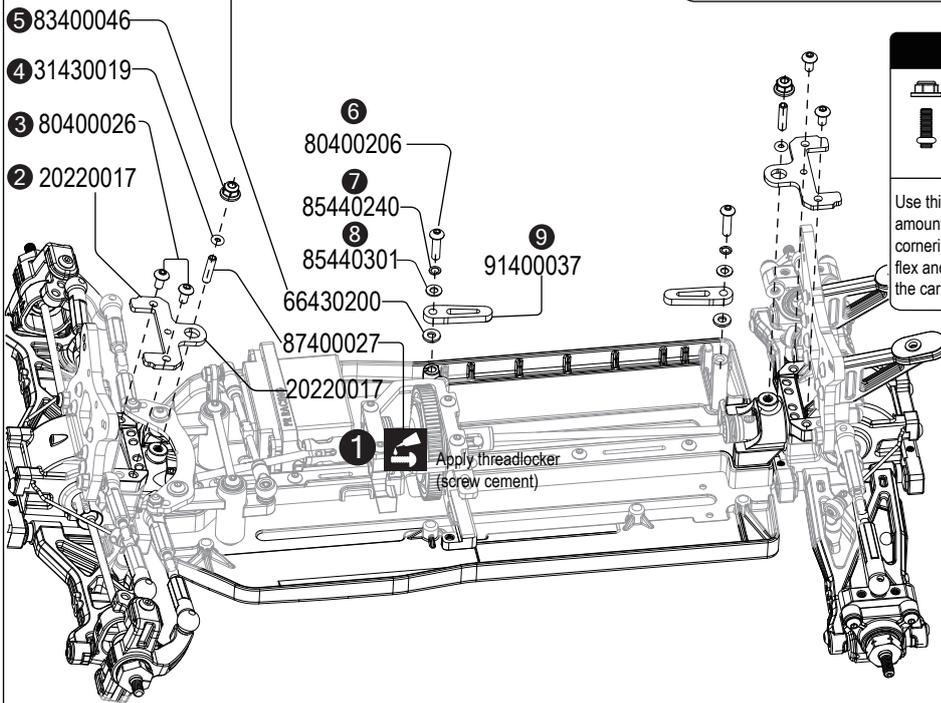
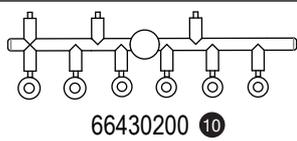
87400027
Set Screw M3x12mm



91400037



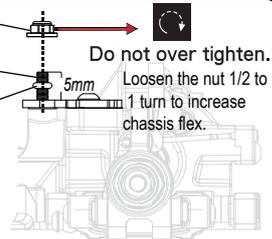
20220017



83400046

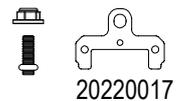
87400027

31430019



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

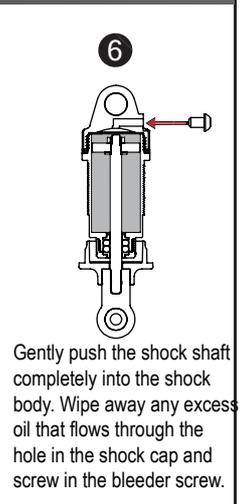
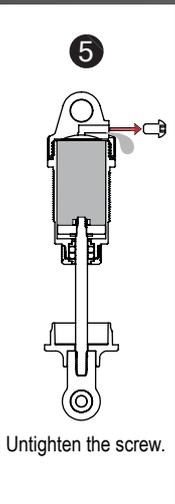
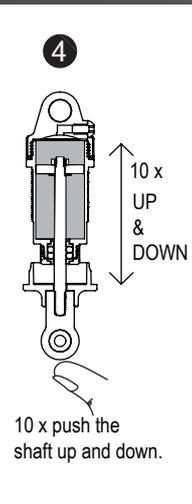
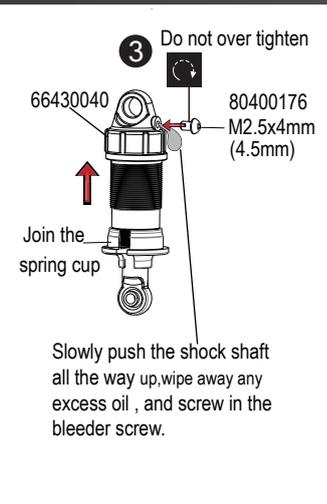
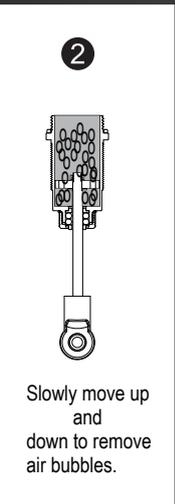
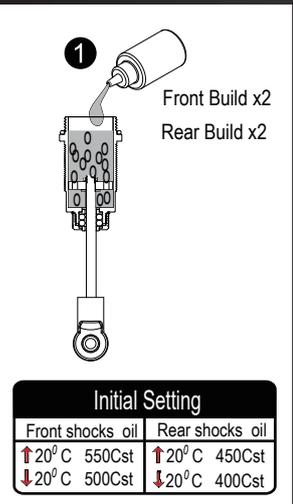
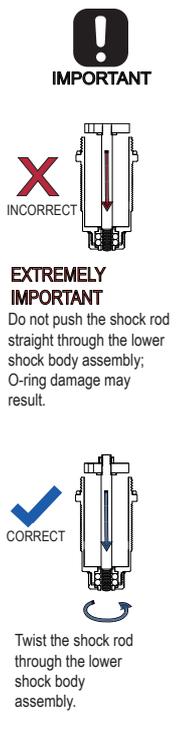
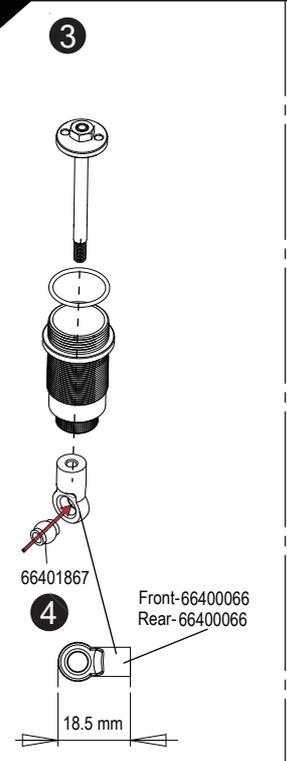
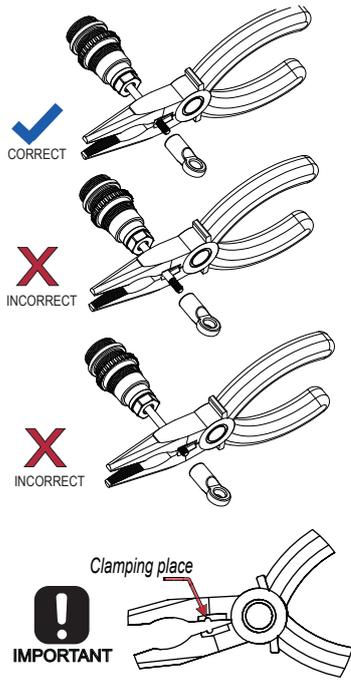
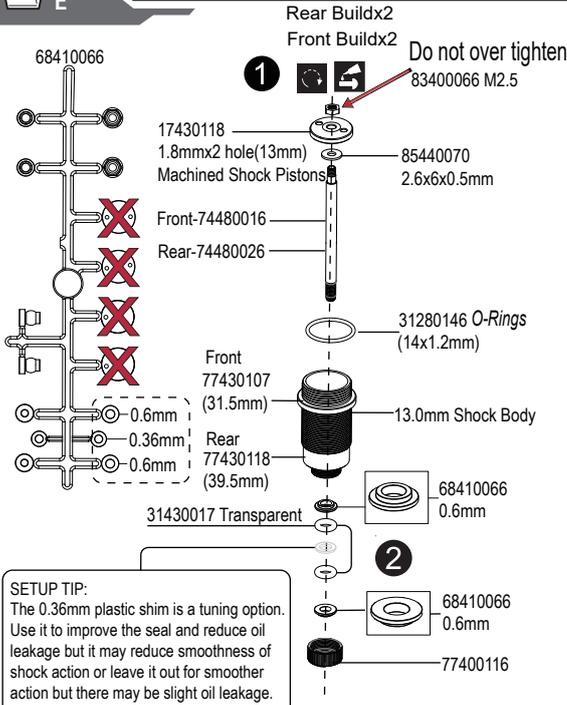
Corner Speed



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

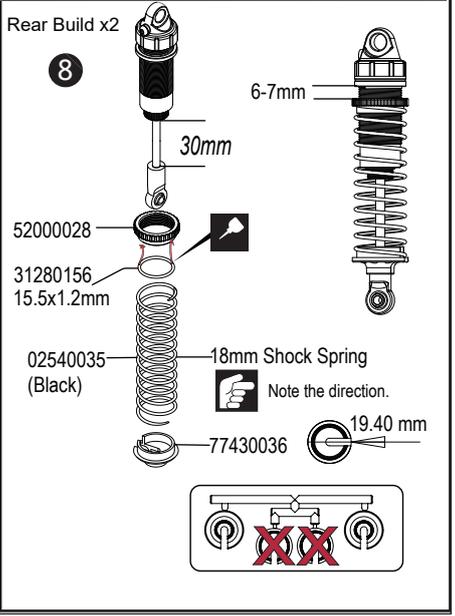
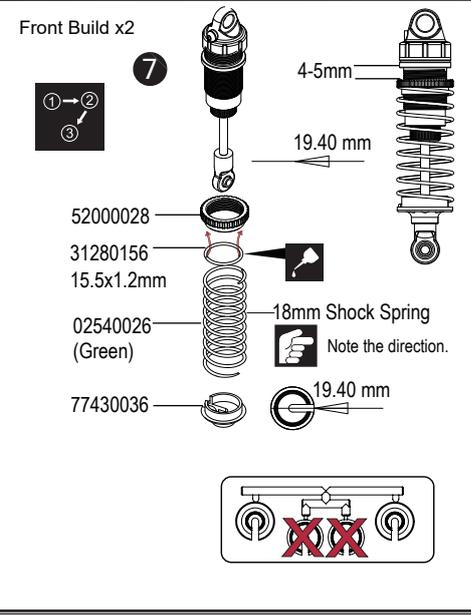
PR Racing ID18mm Shock Spring
PART NO:62540002
Name:PR RACING Front Shock Set (18mm) (12) L 40mm

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

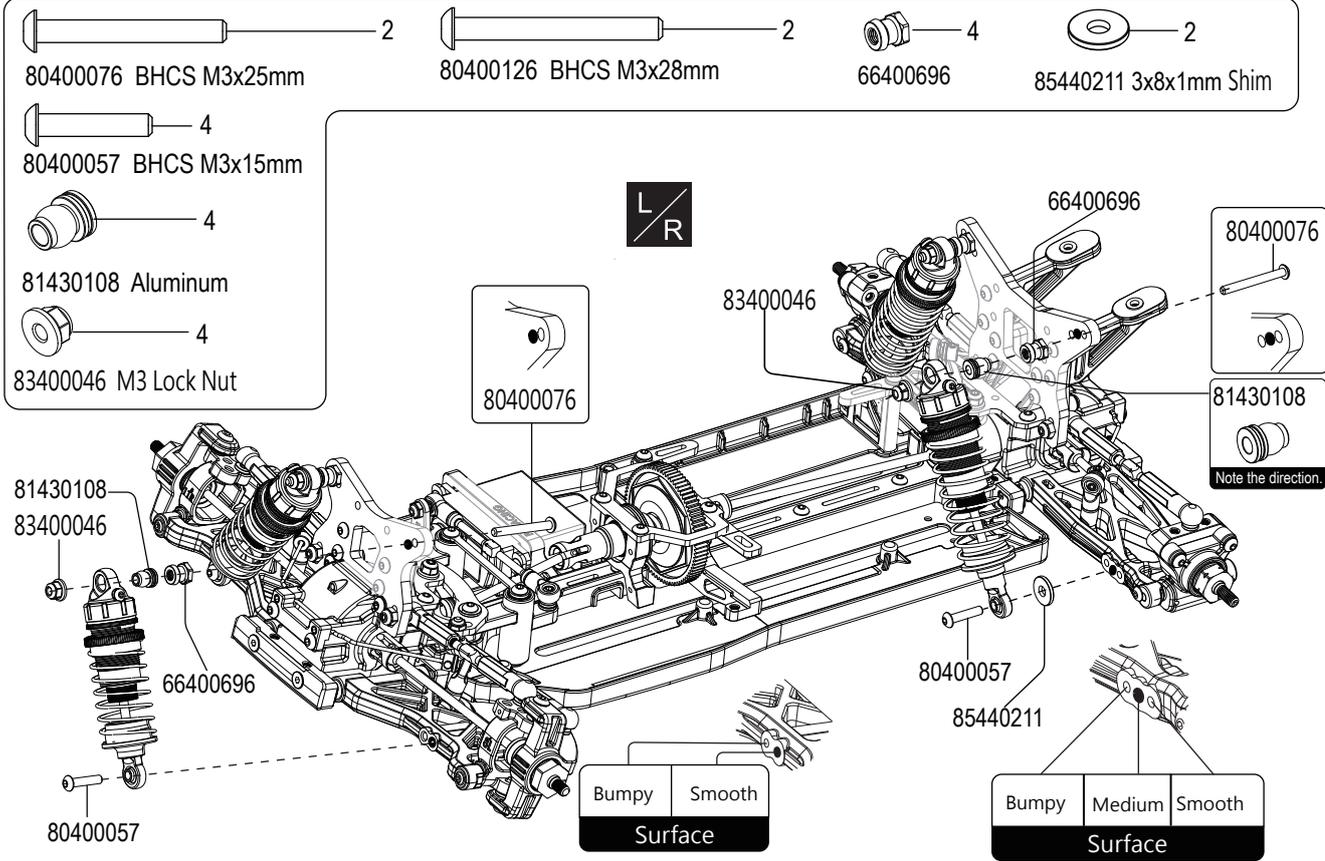
PR Racing ID18mm Shock Spring
PART NO:62540003
Name:PR RACING Rear Shock Set (18mm) (12) L 55mm

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

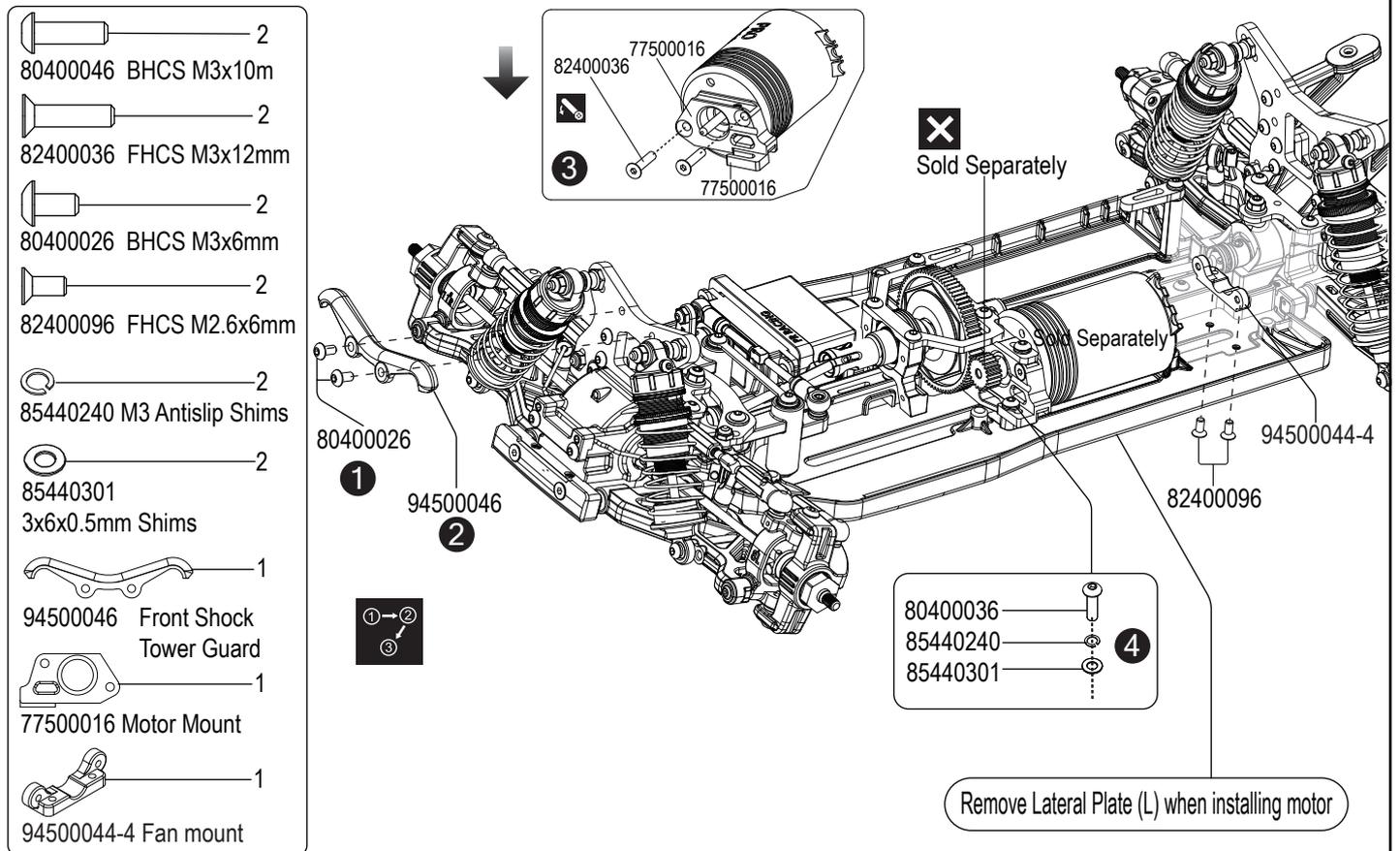




E2 Front & Rear Shock Installation



E3 Motor Installation



Part bags used.



Assemble in the specified order.



Must be purchased separately.

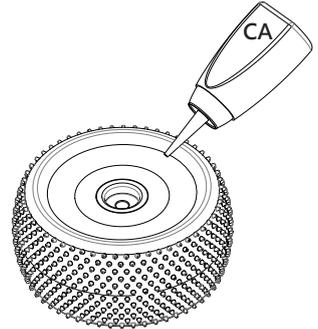
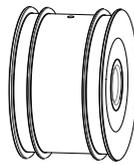
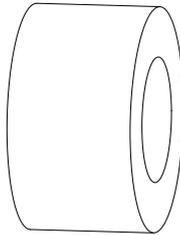
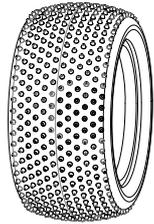


Note the direction.

E4 Mounting Tires Wheel Installation

BAG
E

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

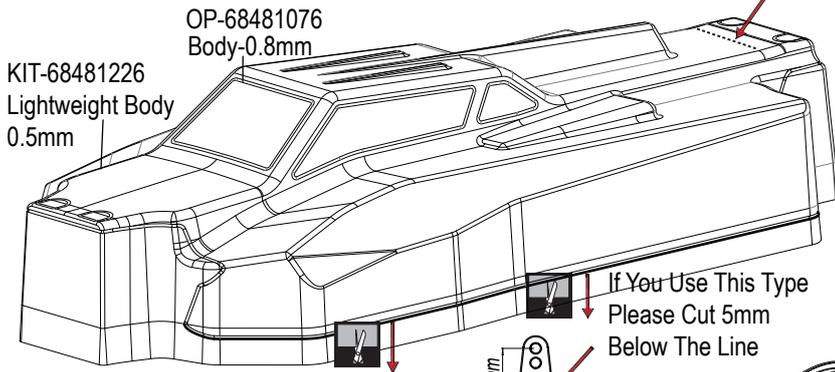
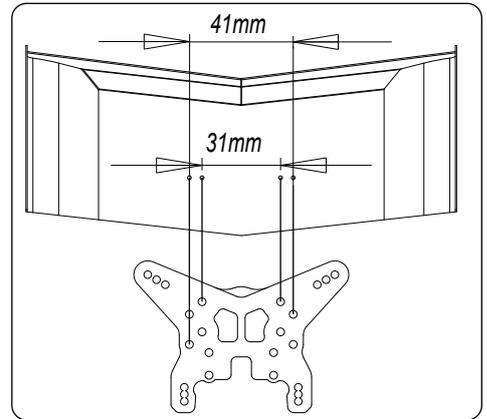


- Place the tire insert into the tire and tire into the wheel.
- Tire and insert (Sold separately)
- CA(Cyanoacrylate) glue sold separately.

- 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

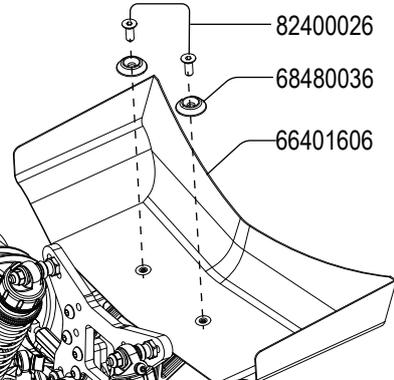
- Wash the inside of the body with warm water and a mild soap or detergent (such as liquid dishwashing soap) prior to painting. Oil residue or dust will prevent the paint from adhering to the painting surface, and possibly cause the paint to peel later on. After washing, thoroughly dry the body before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



Forward gear case (rear)
+7mm cut here

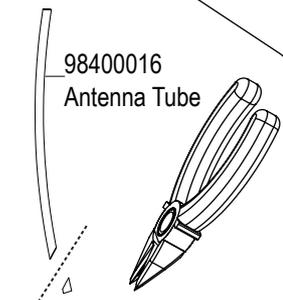
If You Use This Type
Please Cut 5mm
Below The Line

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



77500276
Battery separator

Esc / Battery
Sold Separately



Cut off portion.

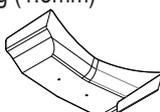
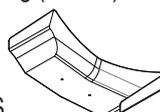
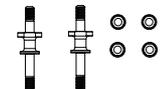
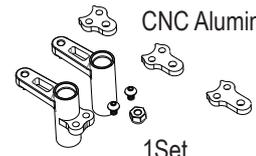
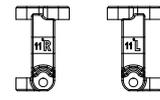
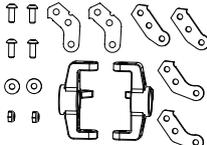
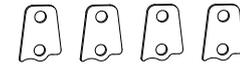
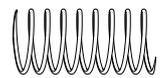
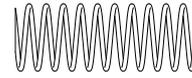
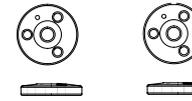
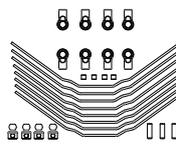
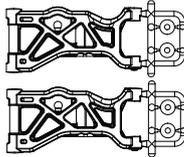
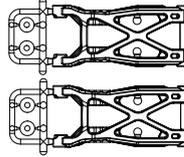
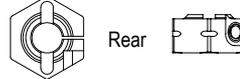
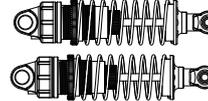
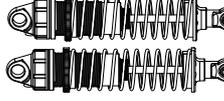
68400326
Front Wheel

83400076

99400056 Velcro Tape

68400316
Rear Wheel

83400076

<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>81430080</p>  <p>Front 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>CNC Aluminium 1Set</p>	<p>55430076</p>  <p>Shock Hat Bushing CNC (8)</p> <p>POM</p>	<p>68480976</p>  <p>1pr</p> <p>Aluminum 11 Degree SB401 Front Spindle Carrier R-L</p>	<p>77480160</p>  <p>Aluminum Steering Knuckles 1PR</p>
<p>94500011</p>  <p>(4) PRSB401 Shock Plate +1mm</p>	<p>62540002</p>  <p>6 pr</p> <p>PR RACING Front Shock Set (18mm)</p>	<p>62540002</p>  <p>6 pr</p> <p>PR RACING Front Shock Set (18mm)</p>	<p>77510020</p>  <p>FR Suspension Mount -2mm narrower 1pcs</p>
<p>77510010</p>  <p>FF Suspension Mount -2mm narrower 1PCS</p>	<p>17430117</p>  <p>PRMachined Shock Pistons (13mm)1.7mmx3 Hole (4)</p>	<p>77480136</p>  <p>Sway Bar Set 1SET</p>	<p>68430090</p>  <p>Aluminum Servo Horn 14.2mm 1pcs 25T</p>
<p>77500076</p>  <p>Graphite Front set Hard 2PCS</p>	<p>77500336</p>  <p>Graphite Front set Hard 2PCS</p>	<p>68440093</p>  <p>Rear PR RACING 12mm (-1.2mm) 2PCS Clamping Wheel Hex</p>	<p>68440094</p>  <p>Rear PR RACING 12mm (-0.6mm) 2PCS Clamping Wheel Hex</p>
<p>68440096</p>  <p>Rear PR RACING 12mm (+1mm) 2PCS Clamping Wheel Hex</p>	<p>94500029</p>  <p>PR RACING 13x31.5mm Front Shock Set (18mm spring) (2)</p>	<p>94500030</p>  <p>PR RACING 13x39.5mm Rear Shock Set (18mm spring)(2)</p>	<p>77500065</p>  <p>PR SB401-R Front One-Way seat (1)</p>
<p>77480126</p>  <p>SB401 R Differential Assembly (1)</p>			

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				

.....

.....

.....

.....

.....

.....

PR5B401

PR RACING
TYPE **R**



mit
MADE IN TAIWAN


PR RACING

EMAIL / infopracing@gmail.com

1.0.0 Version