



RC10 B742 CHAMPIONS EDITION

1:10 Scale 4WD Electric Off Road
Competition Buggy Kit



#90044 RC10B742 CE TEAM KIT

1:10 Scale 4WD Electric Off Road Competition Buggy Manual

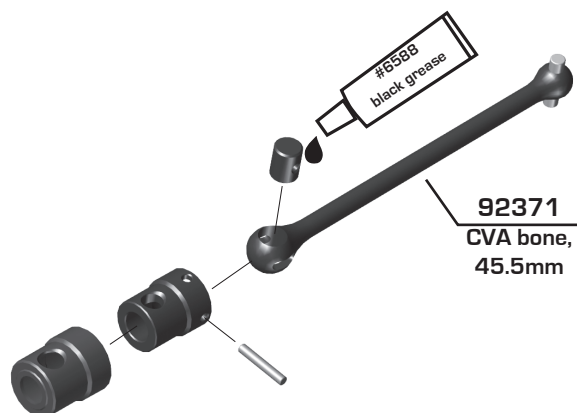


CHAMPIONS *by* DESIGN

AssociatedElectrics.com

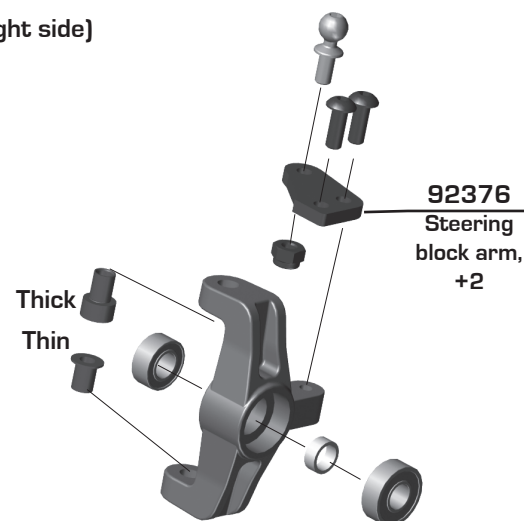
TEAM ASSOCIATED

:: Bag 4 - Step 2

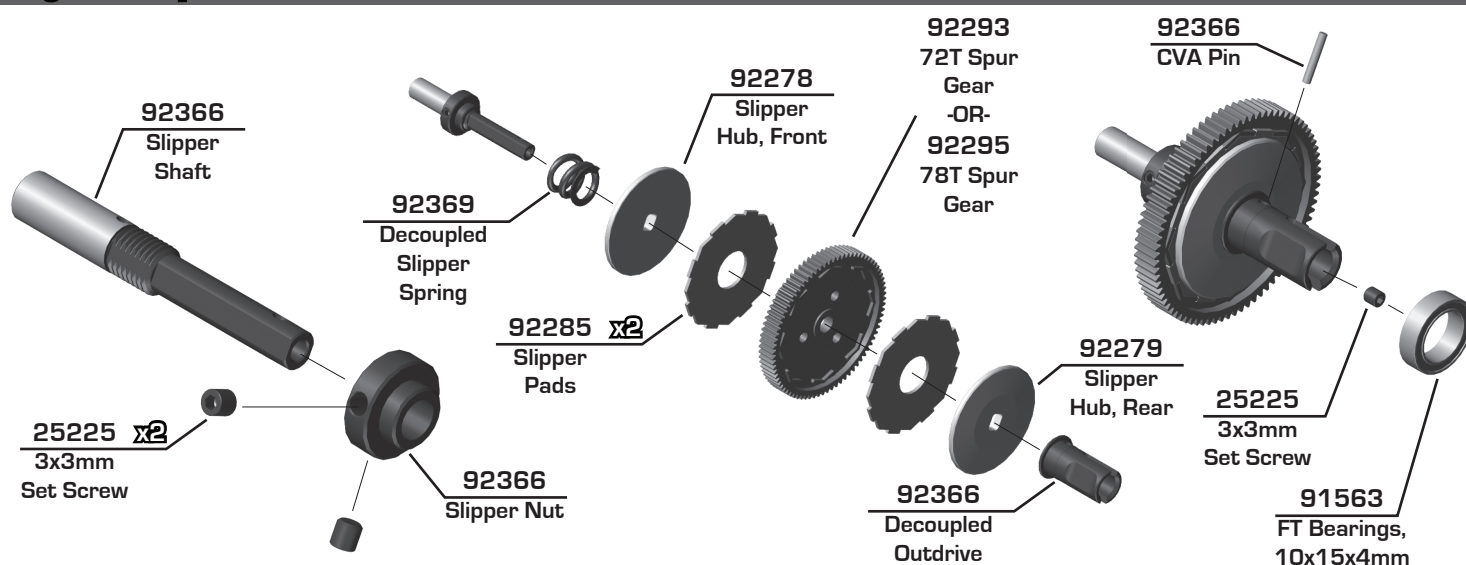


:: Bag 7 - Step 1

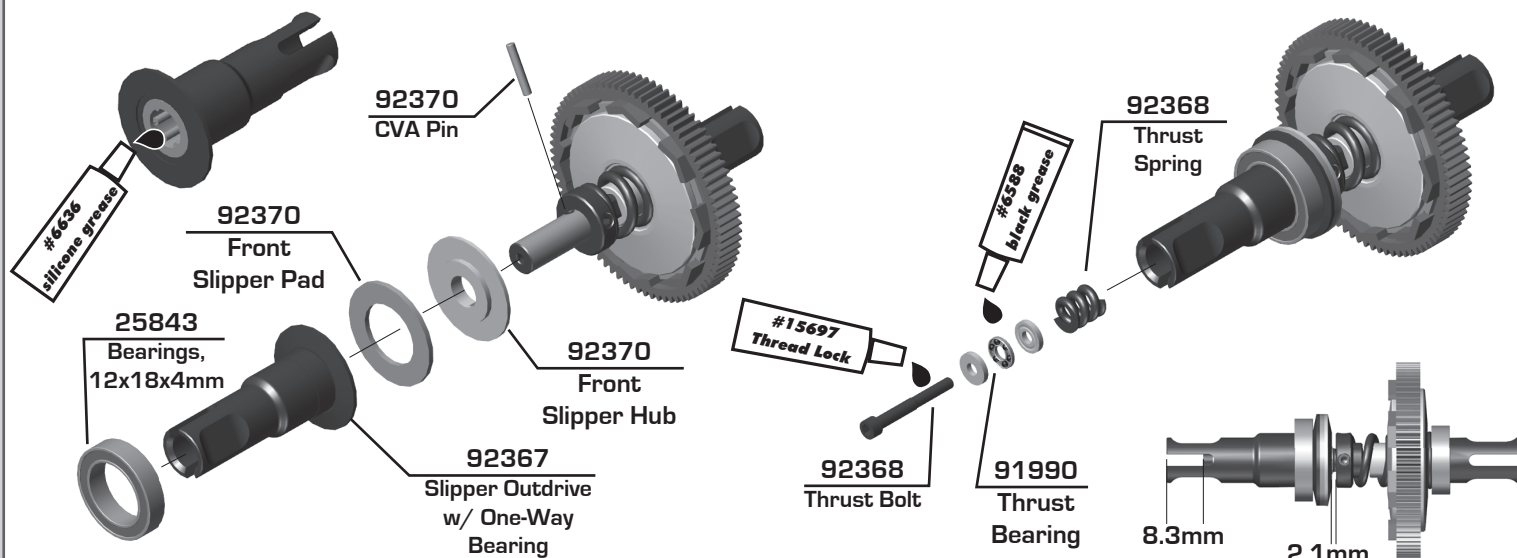
Build x2
(1 left side, 1 right side)



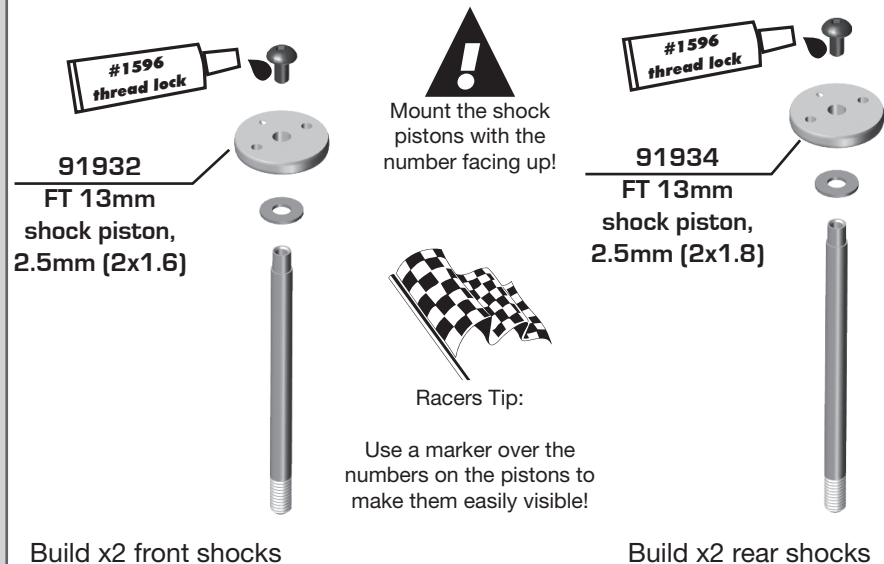
:: Bag 10 - Step 1



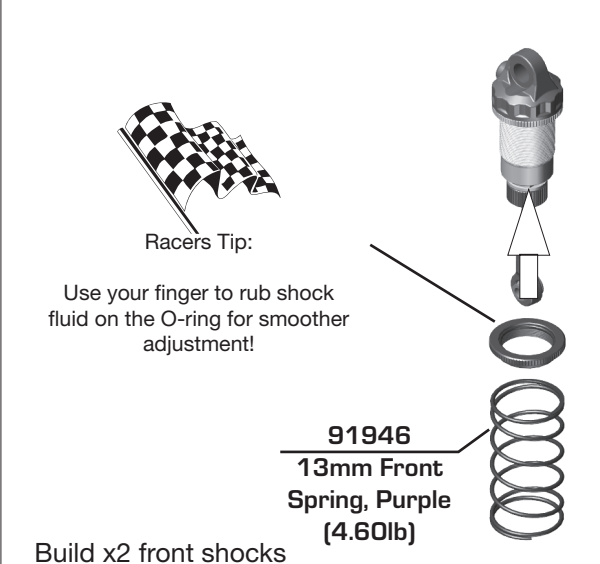
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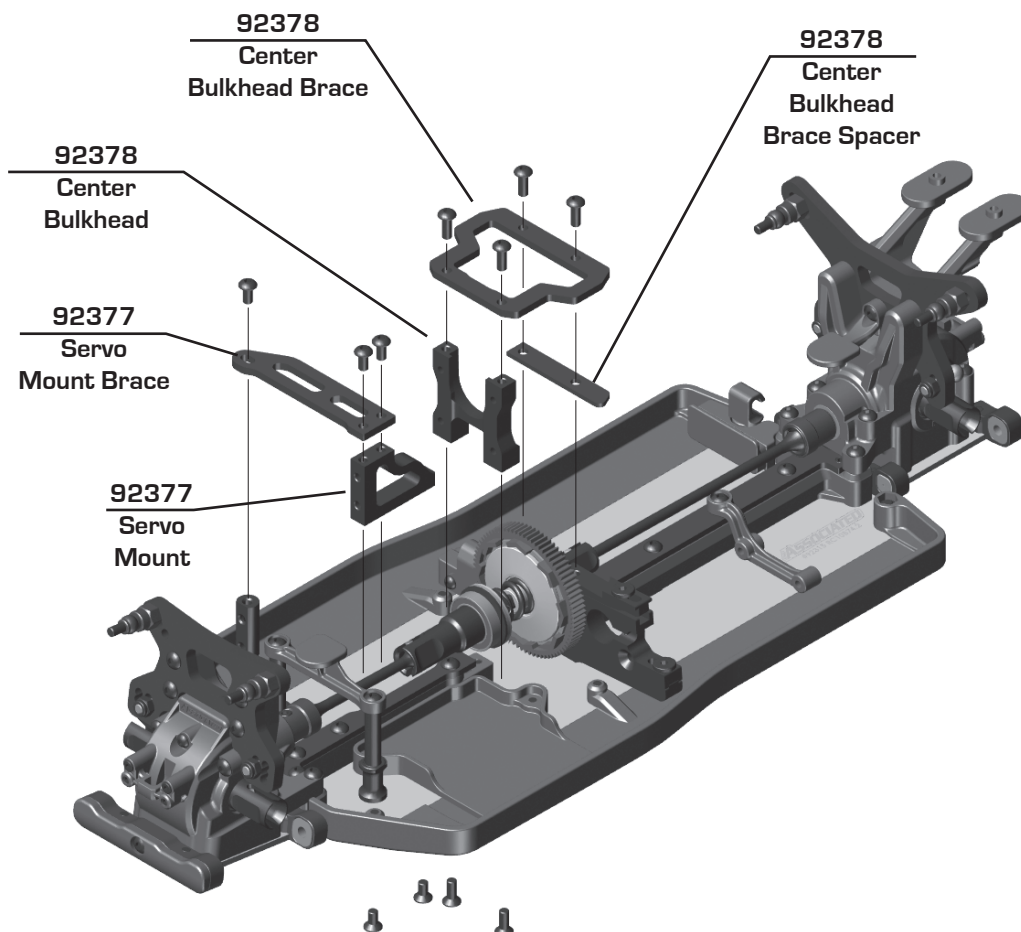
:: Bag 11 - Step 1



:: Bag 11 - Step 5



:: Bag 13 - Step 2/3



Front Suspension:

Ride Height: 13mm
 Camber: -1deg
 Toe: 1deg
 Anti-Roll Bar: 1.8mm
 Arm Type: Gull Wing - Standard
 Tower Type: Gull Wing
 Wheelbase Shim: 1mm behind arm
 Wheel Hex: 5.0mm
 Caster Block: ☐ 8° ☒ 9° ☐ 10°
 Chassis Brace Support: 2mm G10
 Top Plate Brace: None
 Front Axles: CVA ☒ DCV ☐
 Notes:

1 2
 Front Chassis Brace Screws:
 Ball Stud Spacing: 1mm
 Arm Mount A: 1° ☐ 0.5° ☐
 Gray ☒ Black ☐
 Arm Mount B: 1° ☐ 0.5° ☐
 Gray ☒ Black ☐
 Diff Height:
 +2 ☒
 +0 ☐

Axle Height:
 +3 ☒ +2 ☐ +1 ☐ 0 ☐
 Ball Stud Spacing: 0mm
 Steering Plate: +2
 Ball Stud Spacing: 2mm
 3 2 1
 3 2 1
 6 5 4
 74mm
 B A

Rear Suspension:

Ride Height: 13mm
 Camber: -1deg
 Anti-Roll Bar: 1.8mm
 Arm Type: Standard
 Wheelbase Shim: 2mm in front of arm
 Wheel Hex: 6.0mm
 Chassis Brace Support: 2mm G10
 Hub Spacing: Fwd ☐ Mid ☒ Back ☐
 Notes:

Rear Chassis Brace Screws:
 Arm Mount C: 1° ☒ 0.5° ☐
 Gray ☒ Black ☐
 Arm Mount D: 1° ☐ 0.5° ☐
 Gray ☒ Black ☐
 Diff Height:
 +3 ☐
 +2 ☒
 +1 ☐
 +0 ☐

Axle Height:
 ▼0 3▲ +3
 ▼1 2▲ +2
 ▲1 2▼ +1
 ▲0 3▼ +0
 Camber Link Spacing: 1mm
 Ball Stud Spacing: 2mm
 3 2 1
 3 2 1
 45mm
 C B A

Electronics:

Radio: Servo:
 EPA: Throttle: % Brake: %
 ESC:
 ESC Settings:
 Motor / Wind: Timing:
 Pinion: Spur: 78T
 Battery:
 Battery Position:
 Back ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☒ Forward
 Battery Weight:

Differential:

Front Center Rear
 Fluid: 15K 15K
 Gears: Metal Metal
 Type: LTC LTC
 Notes:
 Slipper Clutch:
 Type: Decoupled Slipper
 # of Pads: 2 Pad
 Setting: 2.1mm

Shocks:

Front Rear
 Piston: 2x1.6 2x1.8
 Thickness: 2.5mm 2.5mm
 Fluid: 45wt 35wt
 Spring: Purple Blue
 Limiters: Int: 1 Ext: 2 Int: Ext:
 Stroke: 22mm 27.5mm
 Eyelet Length: +2 0
 Cup Offset: 5mm 0mm
 Notes:

Track Info:

Size: Small ☐ Medium ☐ Large ☐ Extra Large ☐
 Surface: Dirt ☐ Carpet ☐ Astroturf ☐ Multi Surface ☐
 Traction: Low ☐ Medium ☐ High ☐ Very High ☐
 Moisture: Dry ☐ Damp ☐ Wet ☐
 Condition: Indoor ☐ Outdoor ☐ Dusty ☐ Hard Packed ☐
 Bumpy ☐ Grooved ☐ Smooth ☐ Loamy ☐
 Temperature: Ambient: Track:
 Notes:
 Vehicle Comments:

Tires:

Front Tires:
 Front Compound:
 Front Insert:
 Rear Tires:
 Rear Compound:
 Rear Insert:
 Wheel (F/R):
 Notes:

Body, Wing, Weight:

Body: Kit - Lightweight
 Front Wing: Yes ☐ No ☒
 Rear Wing: Kit
 Wing Angle: 0° ☐ 6° ☒
 Wing Mount Height: 0 ☐ -2 ☒
 Servo Weights:
 Electronic Weights:
 Total Vehicle Weight:

:: Introduction

Thank you for purchasing this Team Associated product. This assembly manual contains instructions and tips for building and maintaining your new vehicle. Please take a moment to read through the manual and familiarize yourself with the steps. We are continually changing and improving our designs; therefore, actual parts may appear slightly different than the illustrations. New parts will be noted on supplementary sheets located in the appropriate parts bags. Check each bag for these sheets before you start to build.

:: RC10B74.2 Team Kit Features

Champions by Design

As tires, motors, batteries, and tracks evolve, Team Associated adapts and improves with every iteration of the RC10. The engineers at Team Associated's Area 51 set out to extract more performance from the RC10B74 4WD buggy platform with the introduction of the RC10B74.2 and RC10B74.2D. Our goals were to reduce overall weight, lower the center of gravity, and improve jump and bump handling. The differentials were modified to improve rolling speed through turns and increase stability on landings, allowing the buggy to corner faster on high-grip carpet and clay tracks.

The RC10B74.2 and RC10B74.2D introduce molded gearboxes front and rear, which lower the center of gravity by removing weight from high points of the car. The latest 13mm big bore shock technology from Team Associated is included, taking the RC10B74.2 to the next level in jump and bump handling performance. The introduction of gull wing front suspension arms and the inclusion of the LTC gear sets for the differentials make the RC10B74.2 platform easier and more predictable to drive on any track condition.

- New lightweight molded gearboxes front and rear
- Two fixed height front gearboxes allowing 0 and +2mm diff height options
- One rear gearbox with RC10B6-style inserts allowing 0, +1, +2, and +3mm diff height options
- New 13mm big-bore threaded aluminum shocks and springs with machined shock pistons for improved bump and jump handling
- New gull wing front suspension arms and mating shock tower for lower center of gravity and better steering predictability
- LTC differential gear sets are included. That reduce binding under power, giving more predictable power delivery
- New battery hold-down system uses inserts to adjust weight bias. O-ring style battery strap with pull tabs
- New larger 3.5mm turnbuckles with updated rod end style ballcaps to increase durability and reduce bind in the suspension
- New center bulkhead fan mount that mounts the fan above the motor for better cooling performance
- New -2mm wing mounts for use with slicks and low-profile carpet tires to further lower the center of gravity
- Next-generation 2-pad high-load, high-capacity center slipper clutch with LCF pad material
- +3mm aluminum steering rack for optimized bump steer at low ride heights
- 66mm Rear CVA drive shafts and axles for more on-power traction and more predictable driving feel

:: Additional

Your new B74.2 Team Kit comes unassembled and requires the following items for completion (refer to catalog section for suggestions):

- | | |
|--|--|
| • R/C two channel surface frequency radio system | • Battery charger
(a peak detection charger, or LiPo compatible charger) |
| • AA-size batteries for transmitter (#302 alkaline) | • 2 cell LiPo battery pack (#27382, 27383, 27384) |
| • Electronic Speed Control, ESC (#27004, 27033) | • Polycarbonate specific spray paint |
| • Steering servo (#27117, 27118, 27119) | • Cyanoacrylate glue (CA)(#1597) |
| • R/C electric motor | • Thread locking compound (#1596) |
| • Pinion gear (48P), size determined by type/turn or kV of motor | • Tires and Inserts, Fronts and Rears |
| | • Wheels w/12mm Hex
Front Wheels #92095, #92096
Rear Wheels #9695, #9696 |

:: Other Helpful Items

- | | | | | |
|---|----------------------------------|---------------------------------|-----------------------------|----------------|
| • Silicone Shock Fluid (Refer to catalog for complete listings) | • FT Body Scissors (#1737) | • FT Body Reamer (#1499) | • Shock Pliers | • Wire Cutters |
| • FT Hex/Nut Wrenches (#1519) | • Needle Nose Pliers | • Calipers or a Precision Ruler | • FT Ballcup Wrench (#1579) | • Hobby Knife |
| • FT Universal Tire Balancer (#1498) | • Green Slime shock lube (#1105) | | • Soldering Iron | |
| • FT Dual Turnbuckle Wrench (#1114) | | | | |

Associated Electrics, Inc.
21062 Bake Parkway.
Lake Forest, CA 92630



Customer Service
Tel: 949.544.7500
Fax: 949.544.7501

Hardware - 1:1 Scale View

Button Head (bhcs)

	2x4mm (31510)
	2.5x5mm (31519)
	2.5x6mm (31520)
	2.5x8mm (31521)
	2.5x10mm (31522)
	3x4mm (91158)
	3x5mm (31530)
	3x6mm (31531)
	3x8mm (31532)
	3x10mm (25211)
	3x12mm (89202)
	3x14mm (25187)
	3x16mm (89203)
	3x18mm (2308)
	3x20mm (25188)
	3x22mm (25189)
	3x24mm (89204)
	3x30mm (91478)

Set Screws

	3x2.5mm (31500)
	3x3mm (25225)
	3x10mm (4671)

Flat Head (fhcs)

	2x3mm (91743)
	3x6mm (31541)
	3x8mm (25201)
	3x10mm (25202)
	3x12mm (25203)
	3x14mm (89208)
	3x16mm (25204)
	3x18mm (89209)

Cap Head (shcs)

	1.6 x 5mm (91611)
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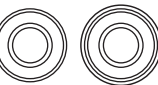
LP Socket Head (lp shcs)

	3x6mm (41089)
	3x22mm (41095)

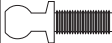
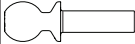
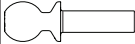
Shims and Washers

	5.5x0.5mm (31381)
	5.5x1.0mm (31382)
	5.5x2.0mm (31383)
	3x8mm Washer (89218)

Ball Bearings

	4x7x2.5mm (31732)
	5x8x2.5mm (31400)
	5x10x4mm (91560)
	5x10x4mm flanged (92324)
	5x12x4 (91567)
	10x15x4 (91563)

Ballstuds

	Silver 5mm long (31283)
	Silver 8mm long (31284)
	HD 6mm (91047)
	Ti HD 6mm (91751)
	HD 8mm (91048)
	Ti HD 8mm (91752)
	HD 10mm (91049)
	Ti HD 10mm (91753)

Nuts (lock/plain)

	M3 Nut (91477)
	M3 Alum. Locknut, Blue (31550)
	M3 Locknut, Black (25215)
	M3 Locknut w/Flange (25612)
	FT 3mm Locknuts, Blue (25392)
	M4 Locknuts:
	Serrated Steel LP (91150)
	Serrated Steel (Silver) (91826)
	FT Aluminum (Blue) (31551)
	Serrated Aluminum (Black) (91738)

Notes:

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12.....	Caster Blocks Build Bag 7	34.....	Back Cover

:: Notes



This symbol indicates a special note or instruction in the manual.



This symbol indicates a Racers Tip.



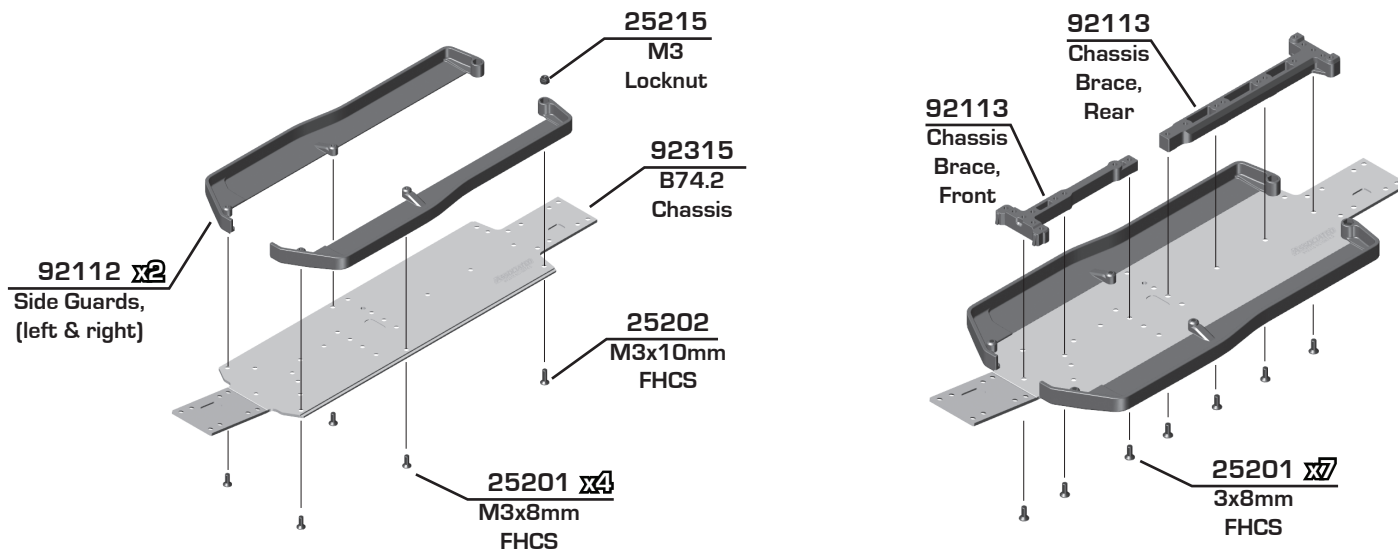
There is a 1:1 hardware foldout page in the front of the manual. To check the size of a part, line up your hardware with the correct drawing until you find the exact size. Each part in the foldout has a number assigned to it for ordering replacement parts.

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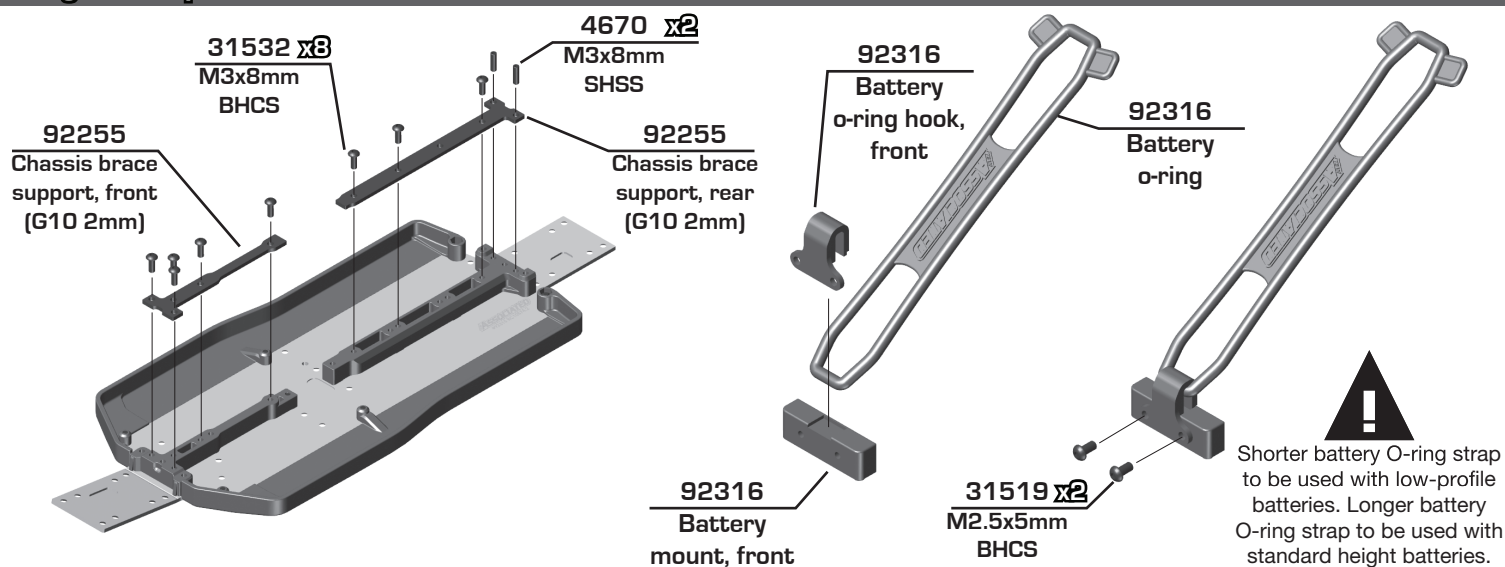


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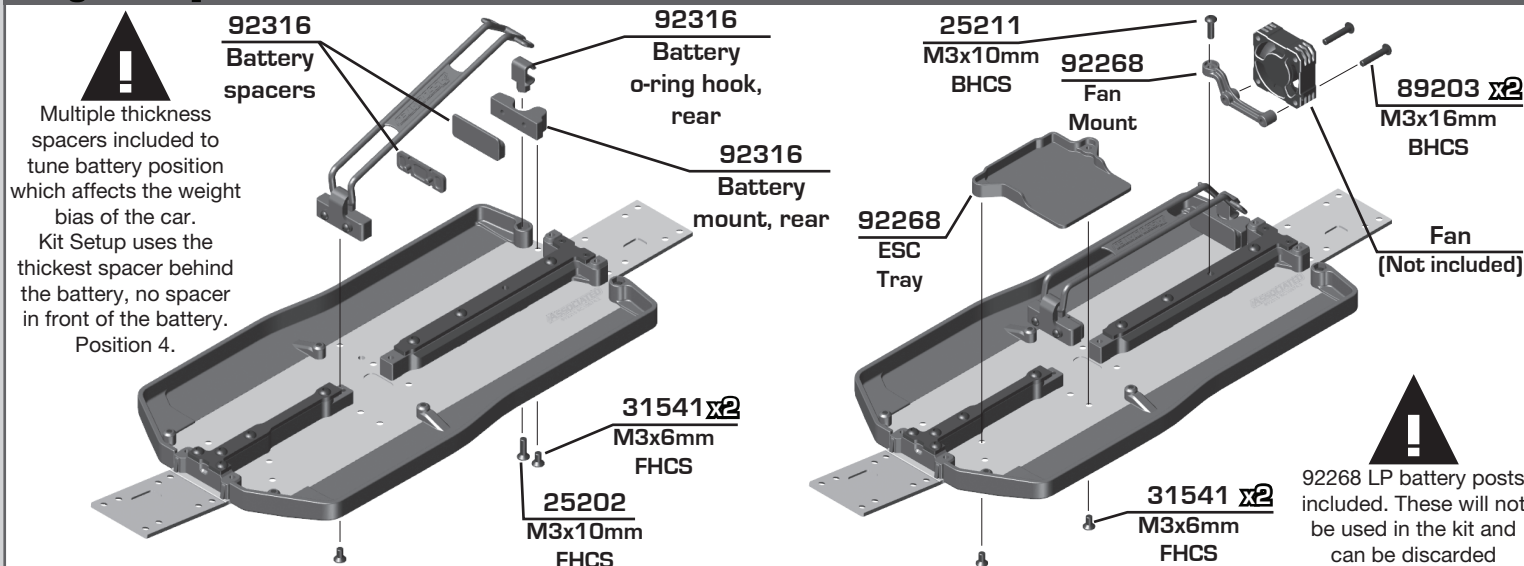
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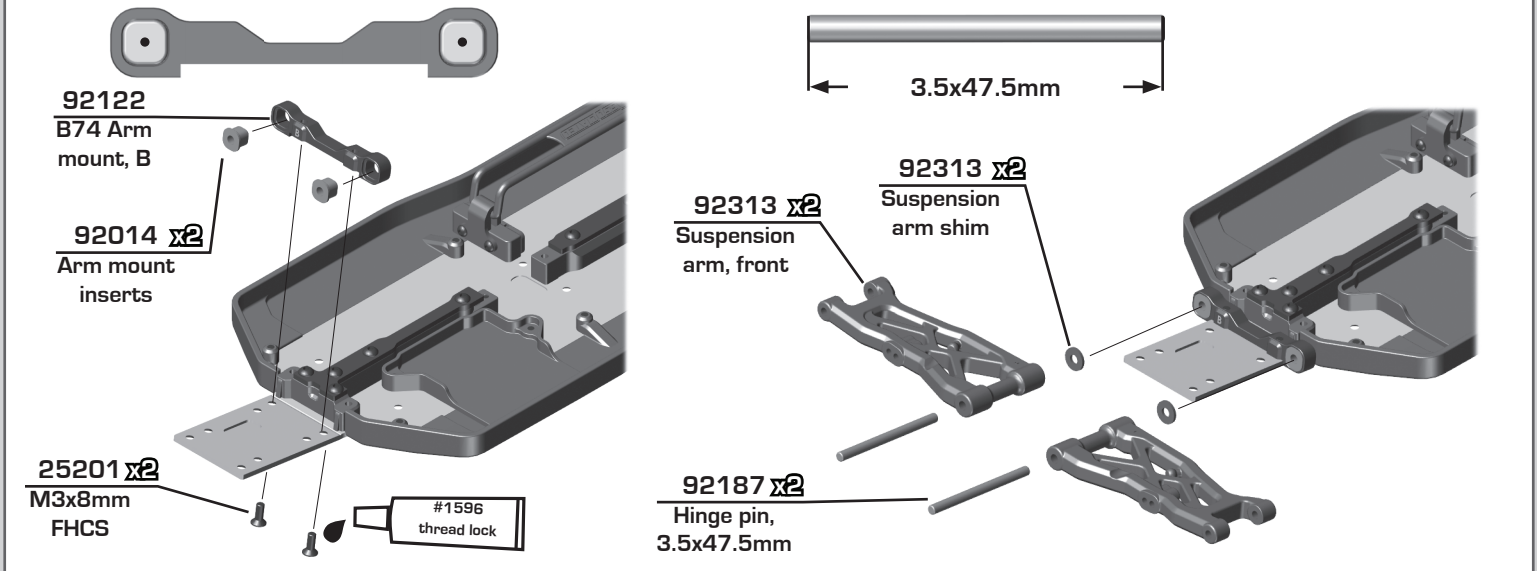
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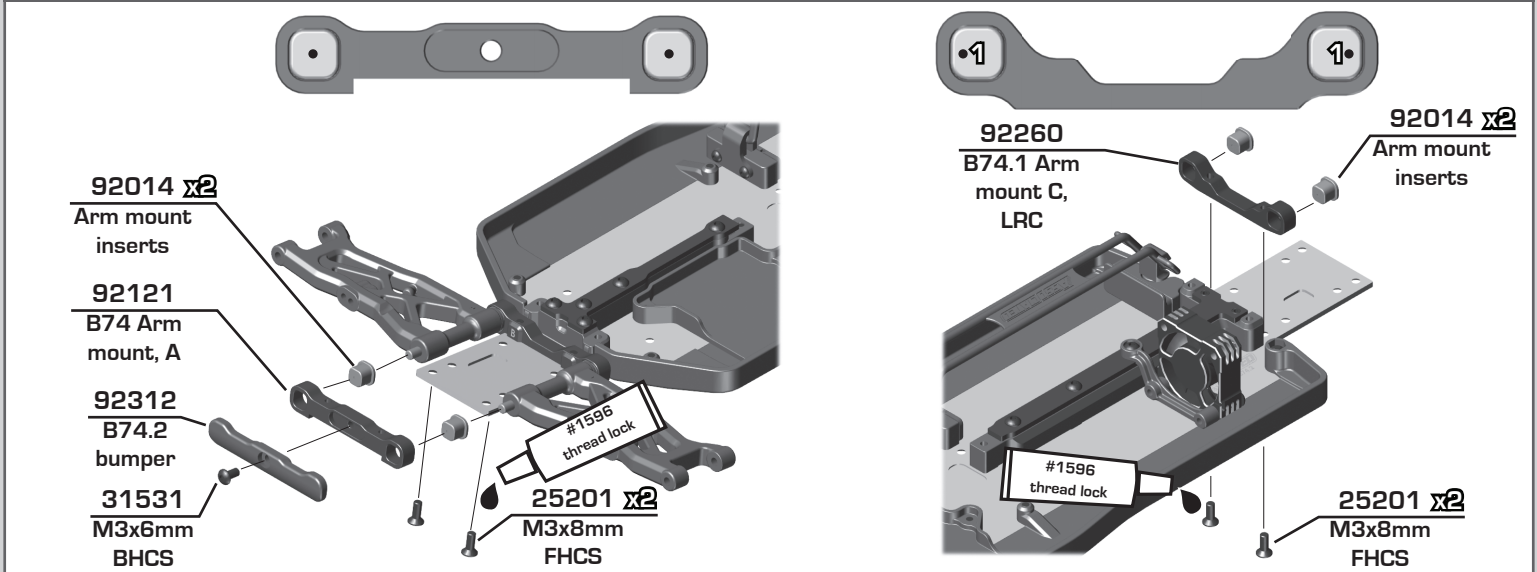
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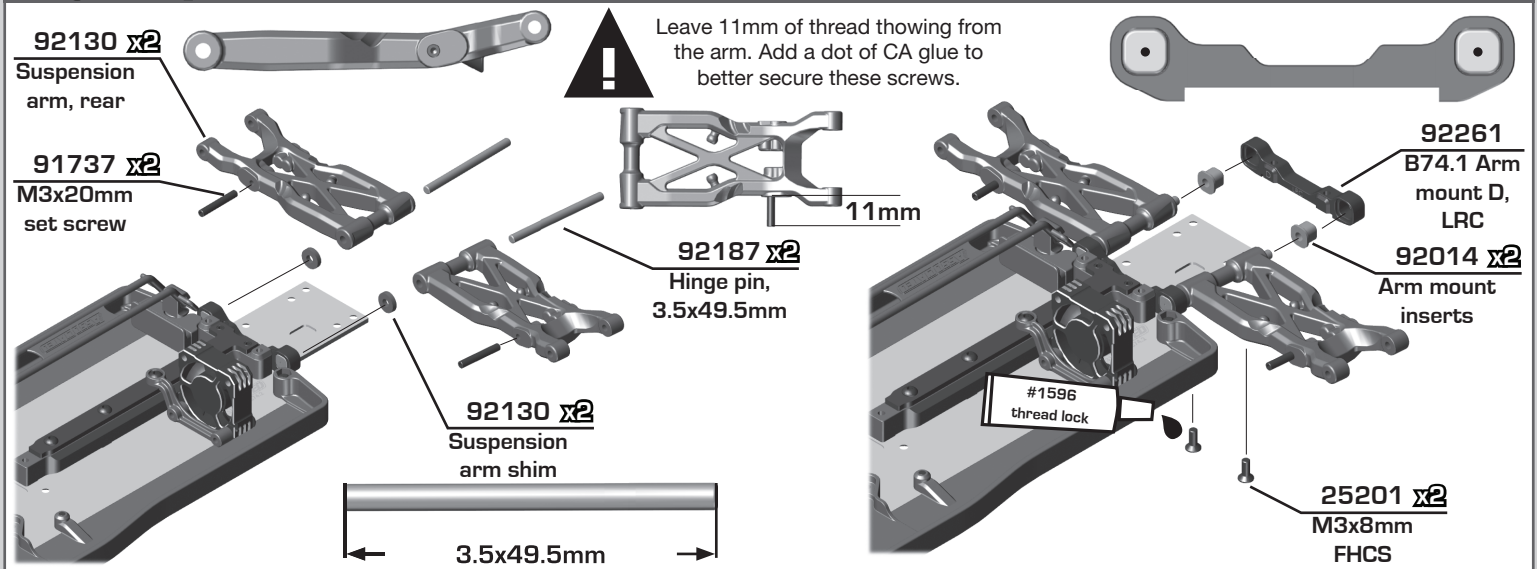
:: Bag 2 - Step 1



:: Bag 2 - Step 2

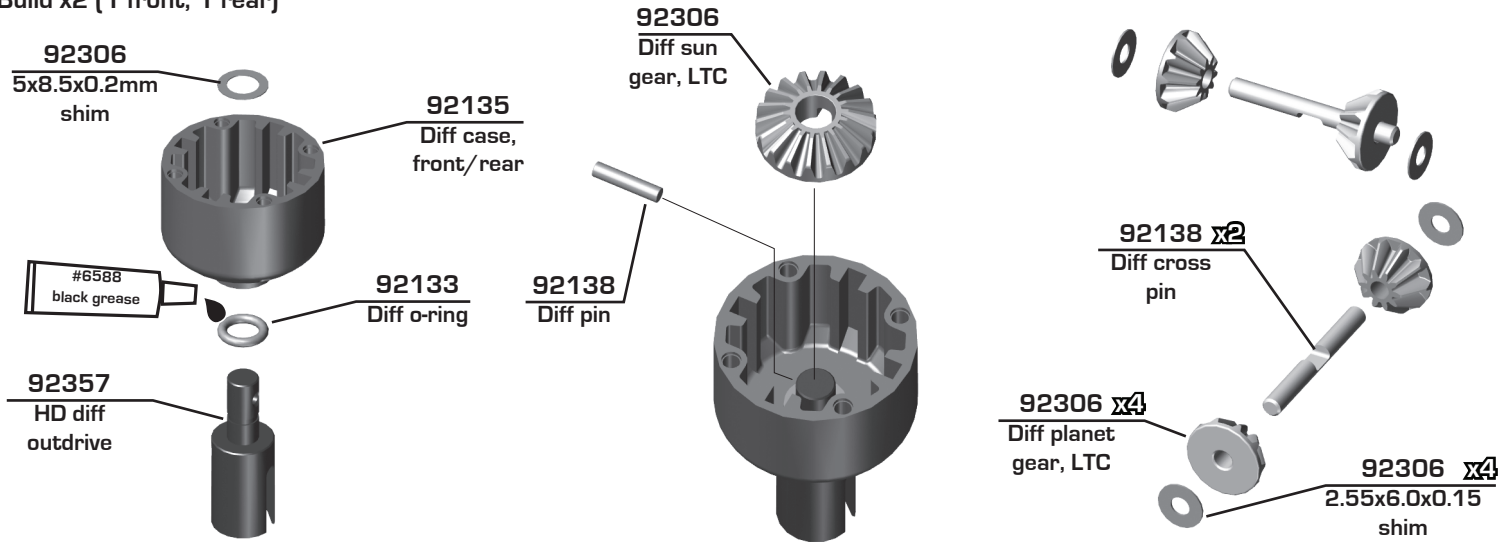


:: Bag 2 - Step 3

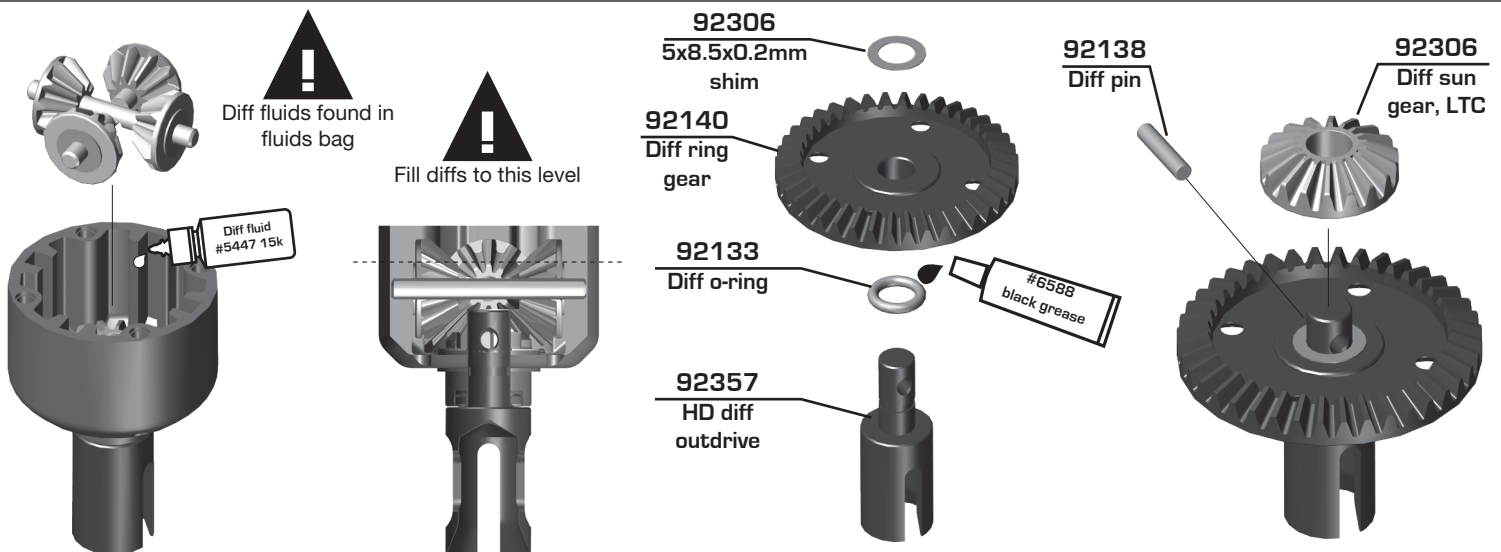


:: Bag 3 - Step 1

Build x2 (1 front, 1 rear)



:: Bag 3 - Step 2



:: Bag 3 - Step 3

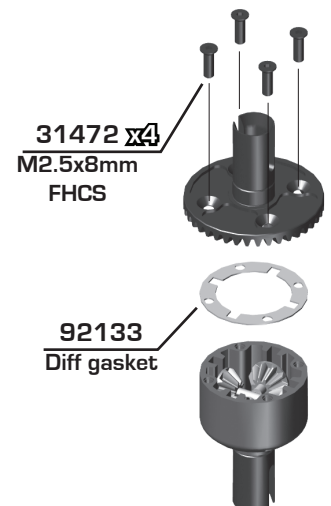


It is important that the correct amount of fluid is added to the diff. Too much fluid may cause the diff to fail. Fill diffs to the reference line shown above. A more accurate method is to use a digital scale (AE#1522) to make sure the correct amount of fluid is added on the first build, and subsequent rebuilds. The entire diff assembly should weigh **45.25g** when built. Start by placing the ring gear assembly, screws, and cup assembly (without fluid) onto the scale.

Then slowly add fluid to the cup assembly until the overall mass is **45.25g**.

B74 Diff Weights (minus bearings)

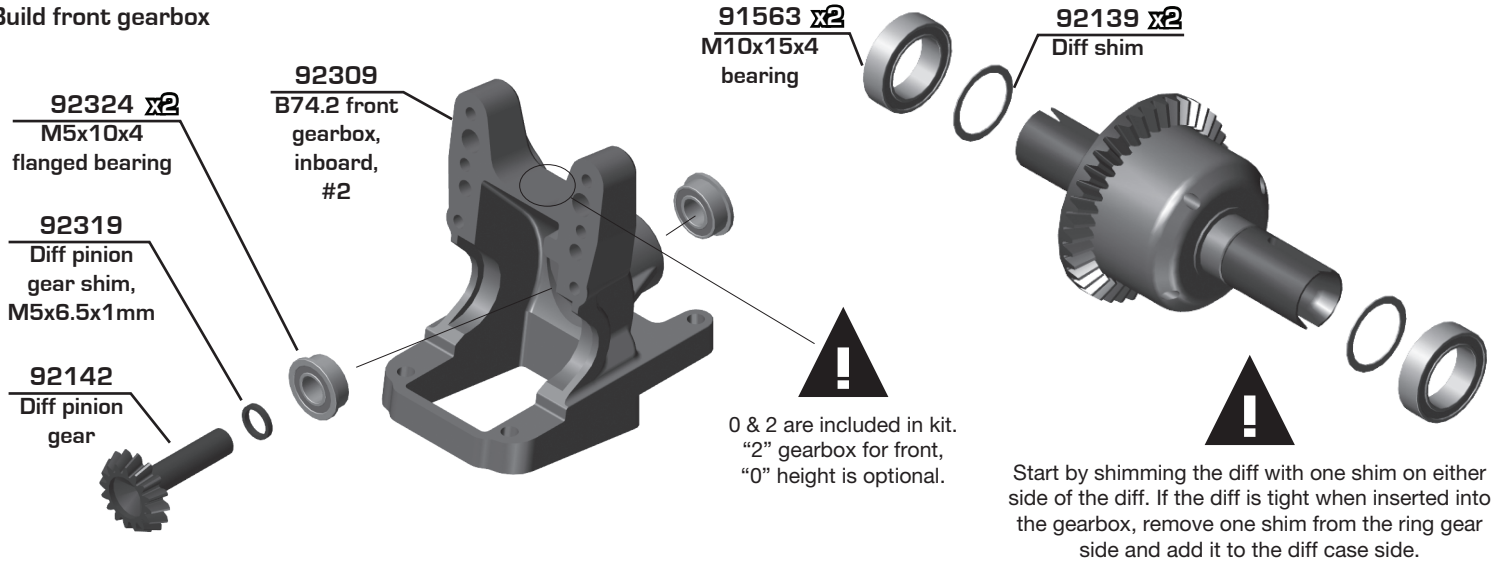
	Weight (grams)	
	Metal	Plastic
F/R Differential	45.25	36
Center Differential	43.75	34.5



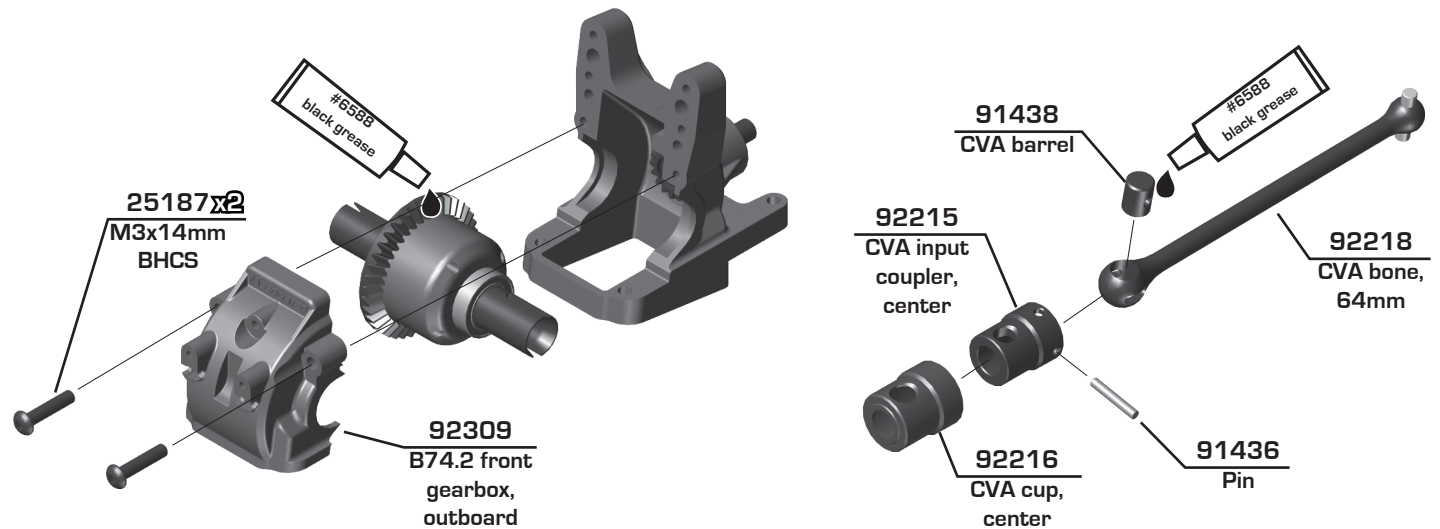
Build x2 (1 front, 1 rear)

:: Bag 4 - Step 1

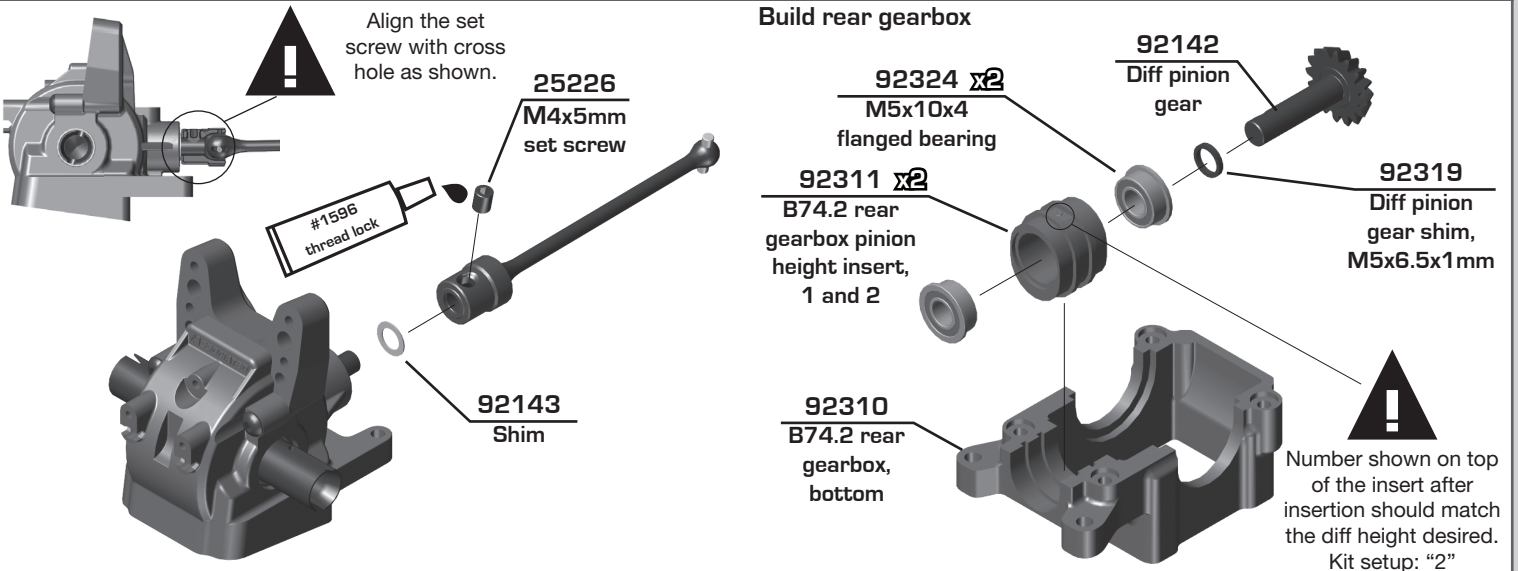
Build front gearbox



:: Bag 4 - Step 2

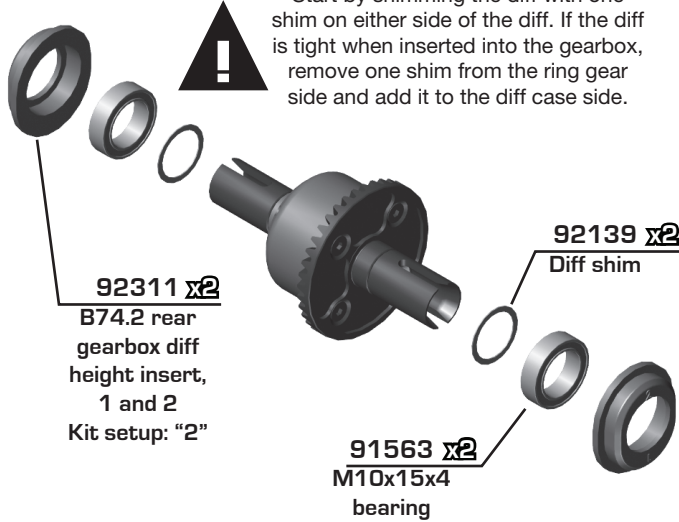


:: Bag 4 - Step 3



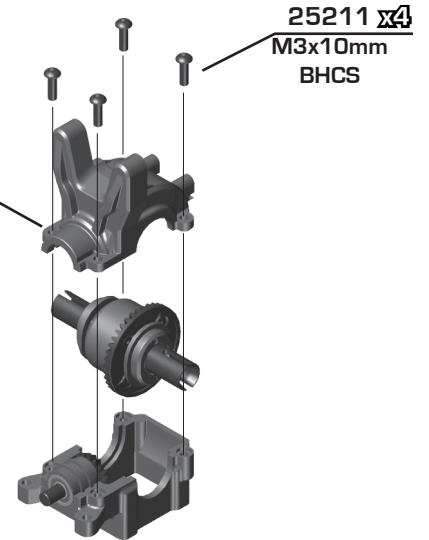
:: Bag 4 - Step 4

Start by shimming the diff with one shim on either side of the diff. If the diff is tight when inserted into the gearbox, remove one shim from the ring gear side and add it to the diff case side.

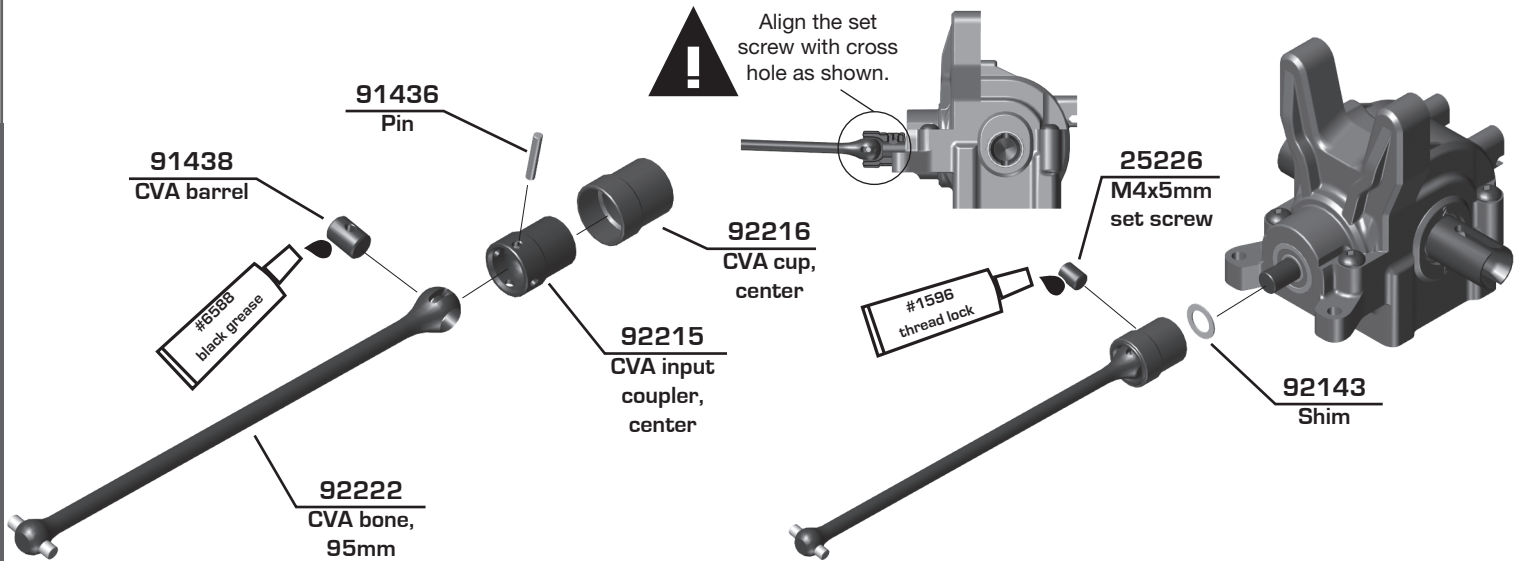


92310
B74.2 rear
gearbox, top

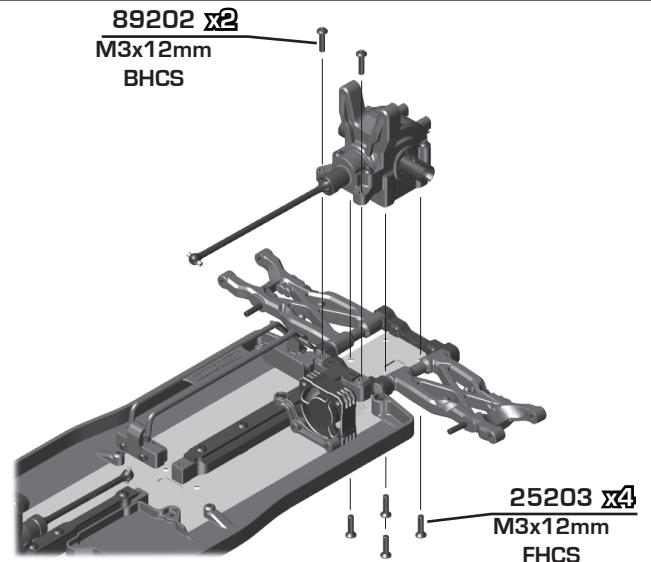
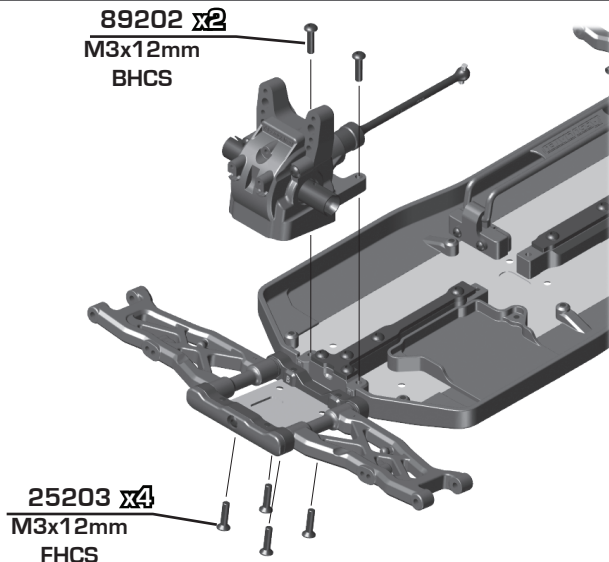
Take extra care not to strip these screw holes out. Stripping the plastic will result in premature failure.



:: Bag 4 - Step 5

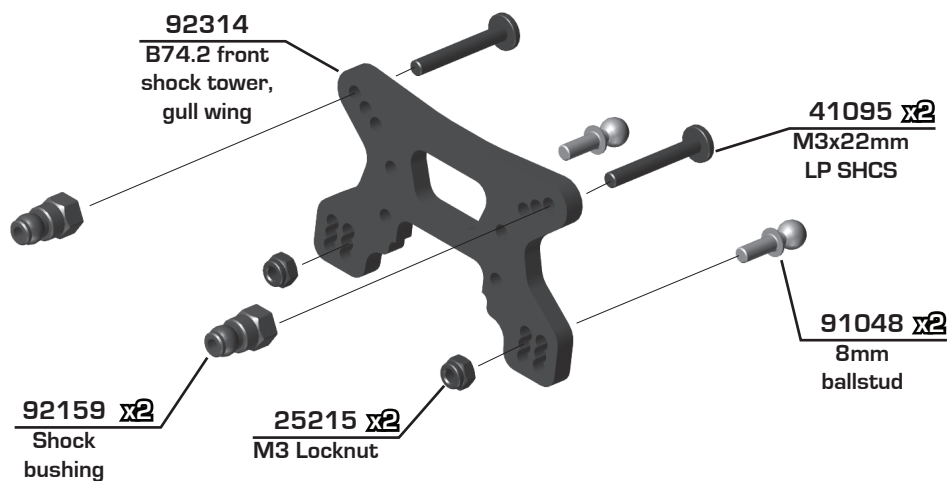


:: Bag 4 - Step 6



:: Bag 5 - Step 1

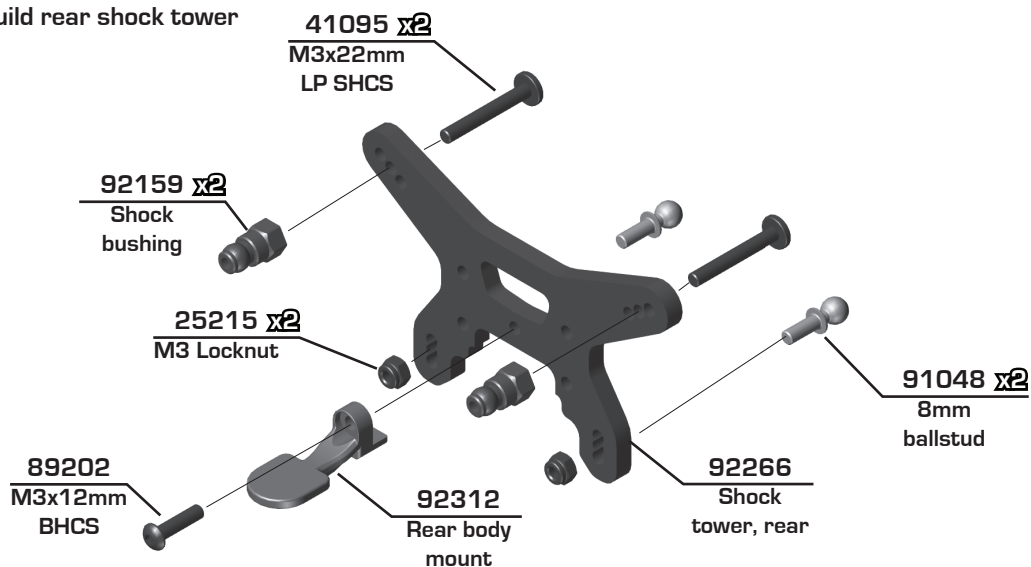
Build front shock tower



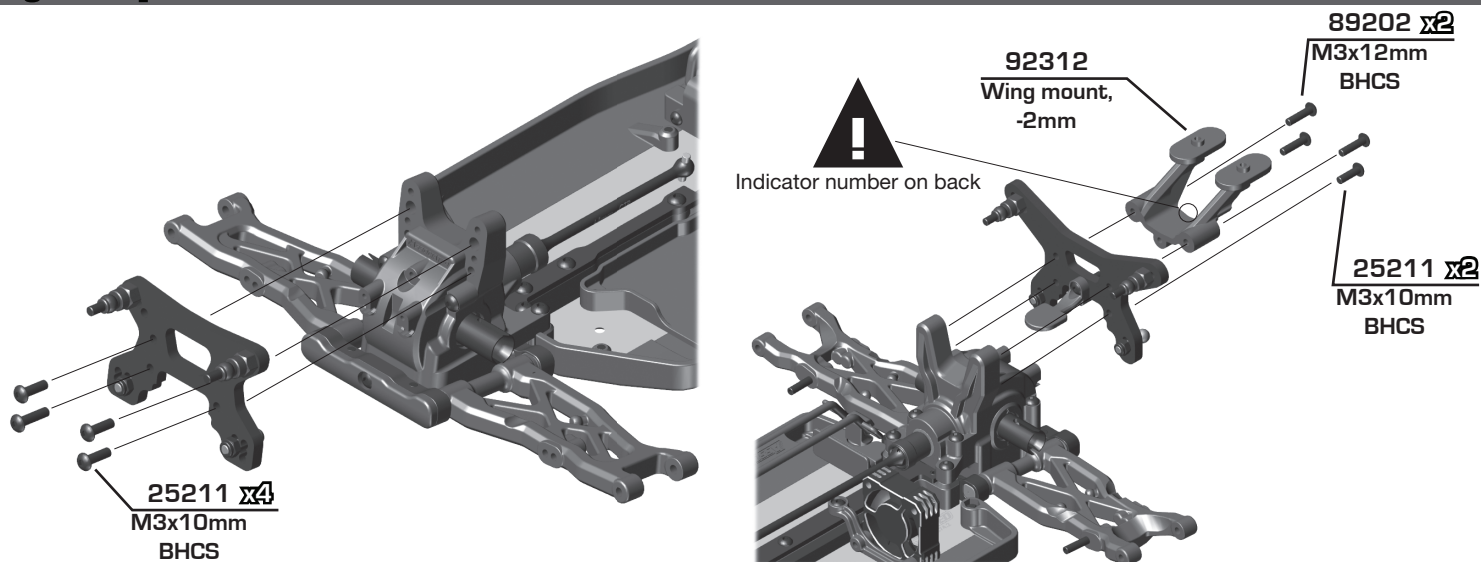
Tuning Tip: Use the shorter location for less steering and more stable front end, although this might slow cornering speed.

:: Bag 5 - Step 2

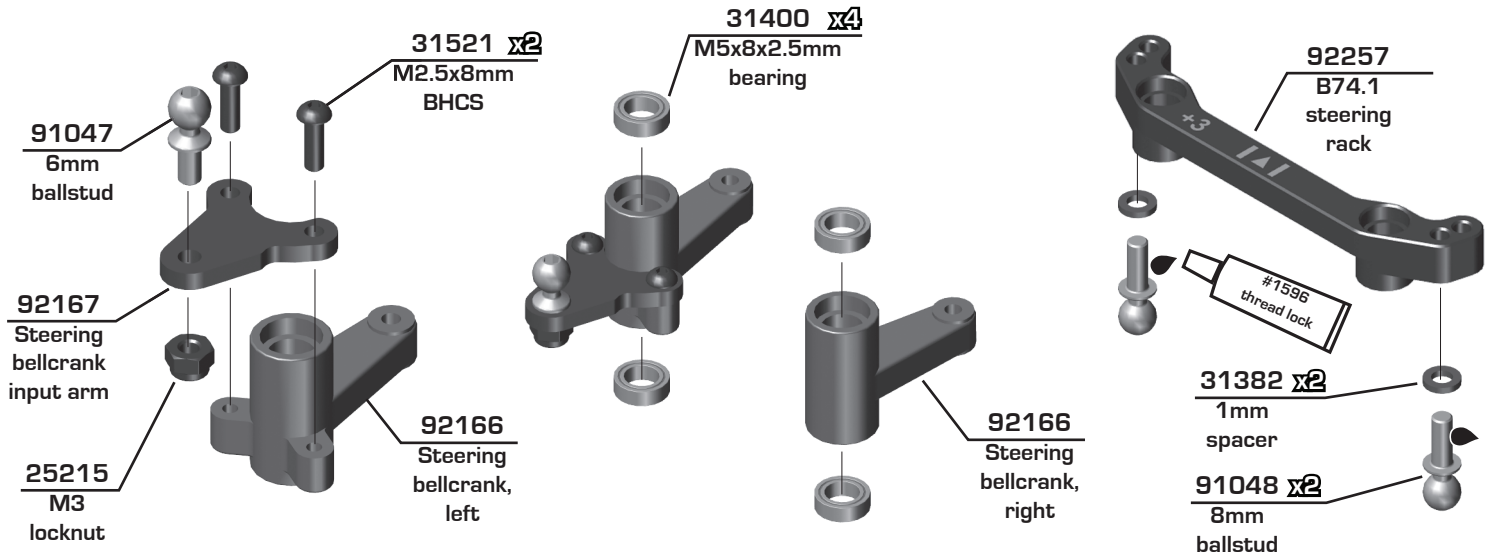
Build rear shock tower



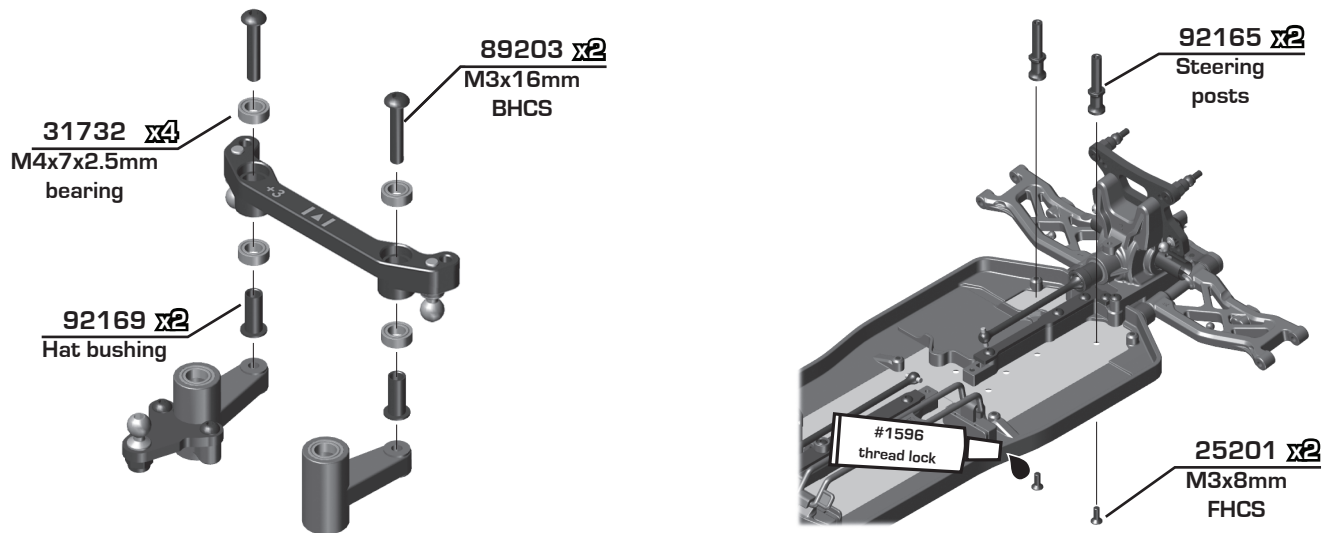
:: Bag 5 - Step 3



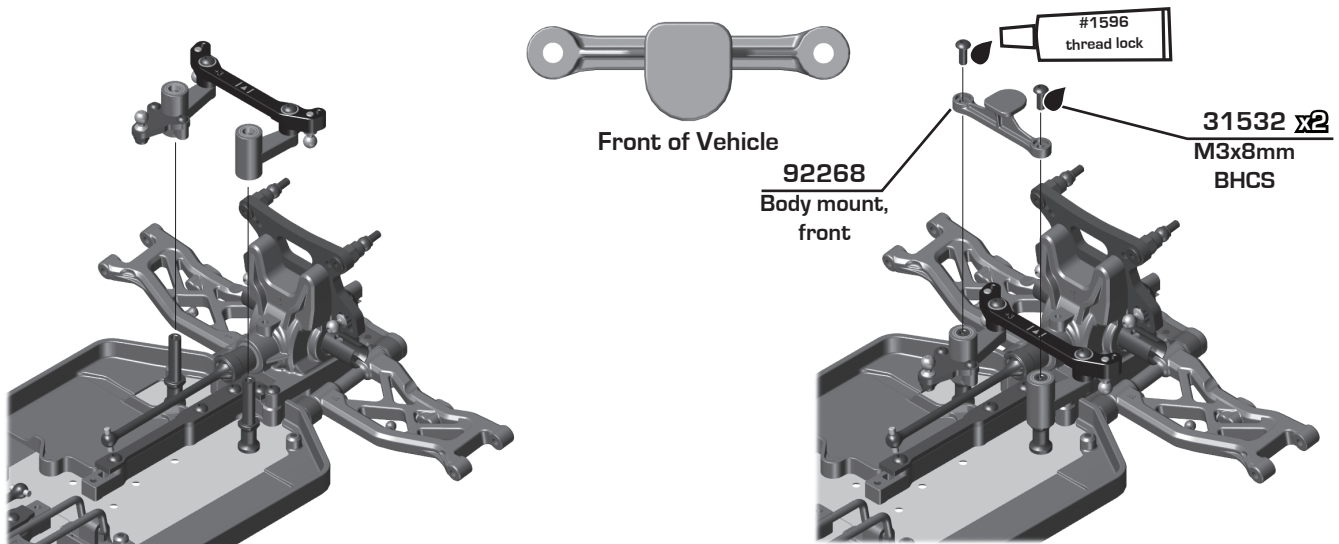
:: Bag 6 - Step 1



:: Bag 6 - Step 2

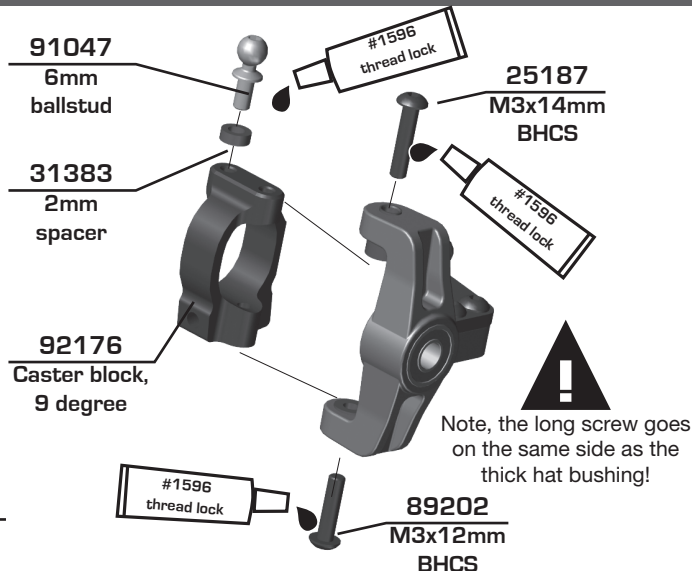
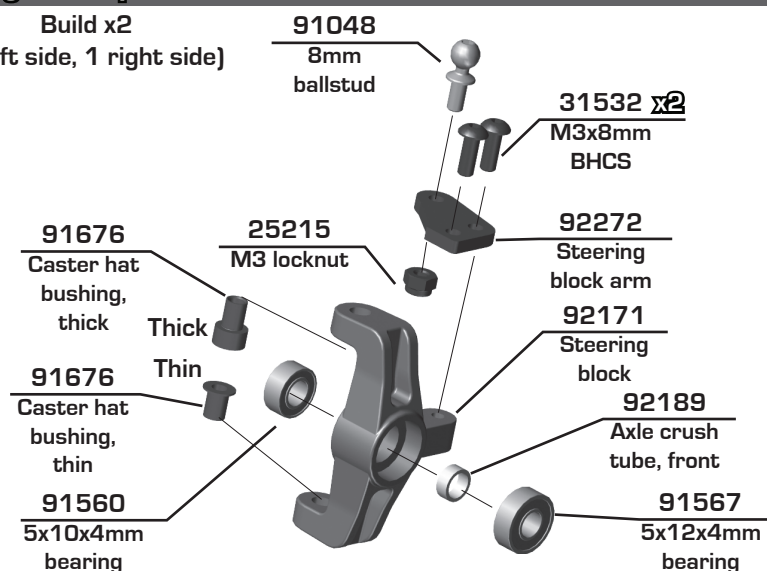


:: Bag 6 - Step 3



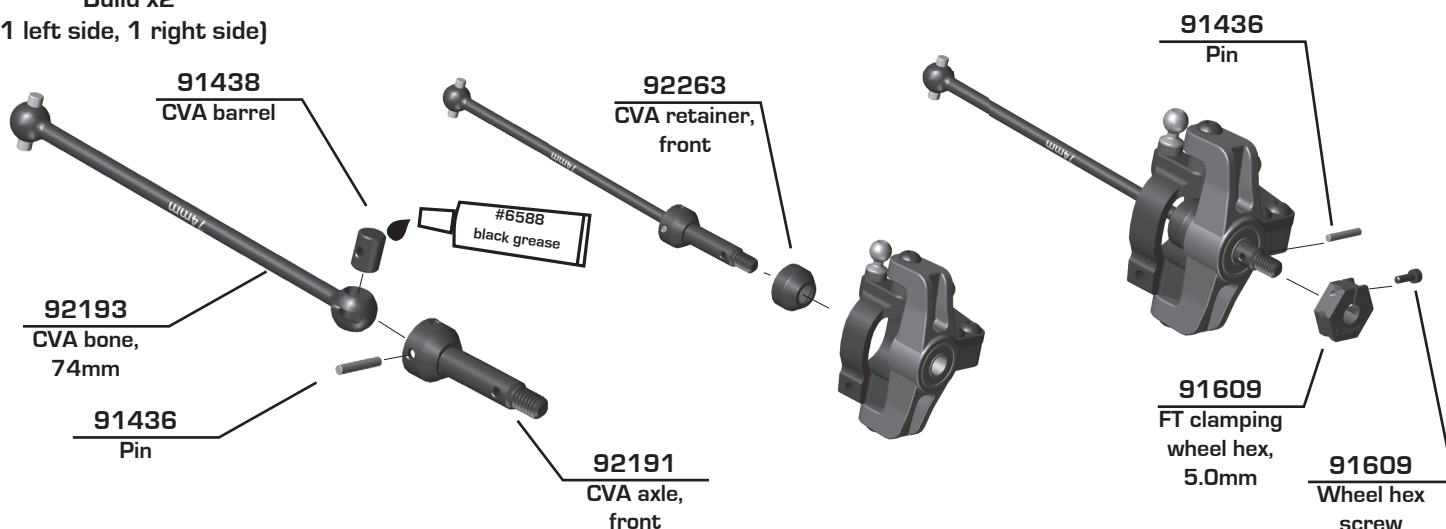
:: Bag 7 - Step 1

Build x2
(1 left side, 1 right side)

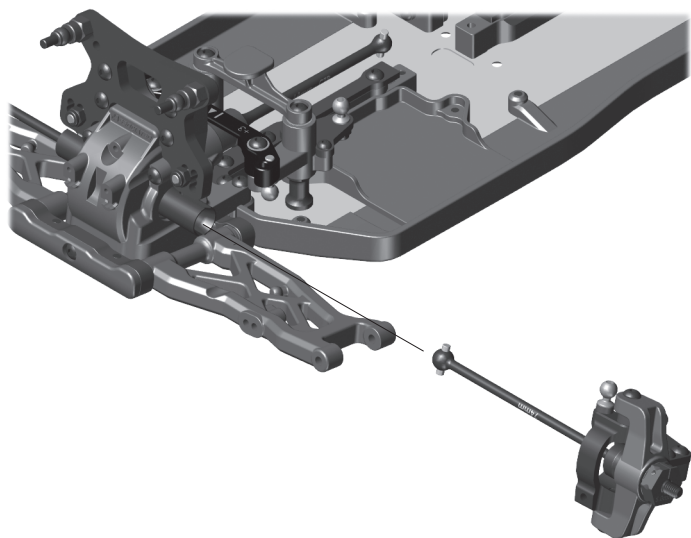


:: Bag 7 - Step 2

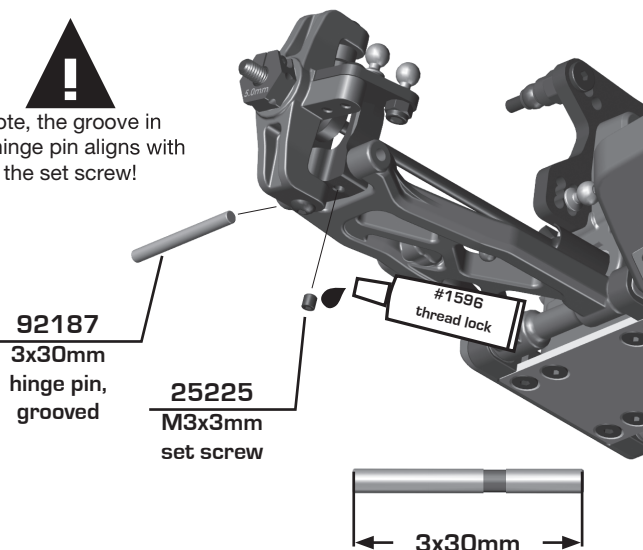
Build x2
(1 left side, 1 right side)



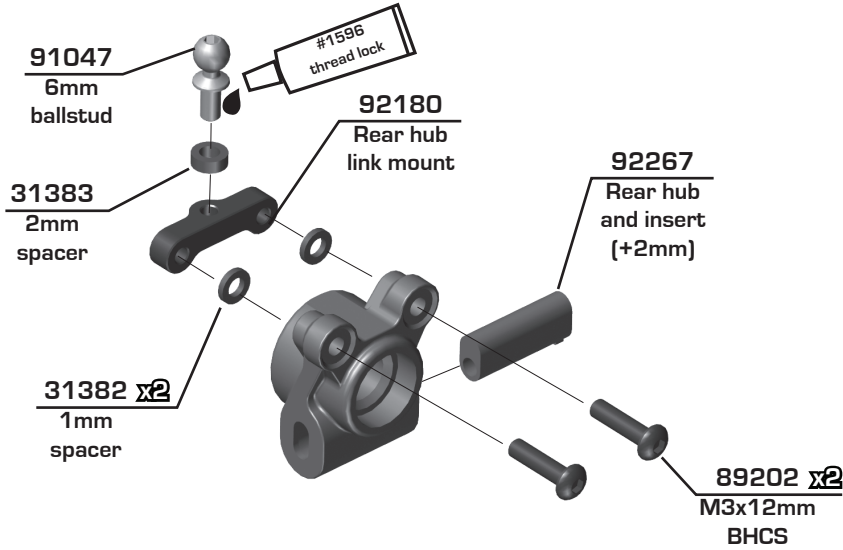
:: Bag 7 - Step 3



! Note, the groove in the hinge pin aligns with the set screw!

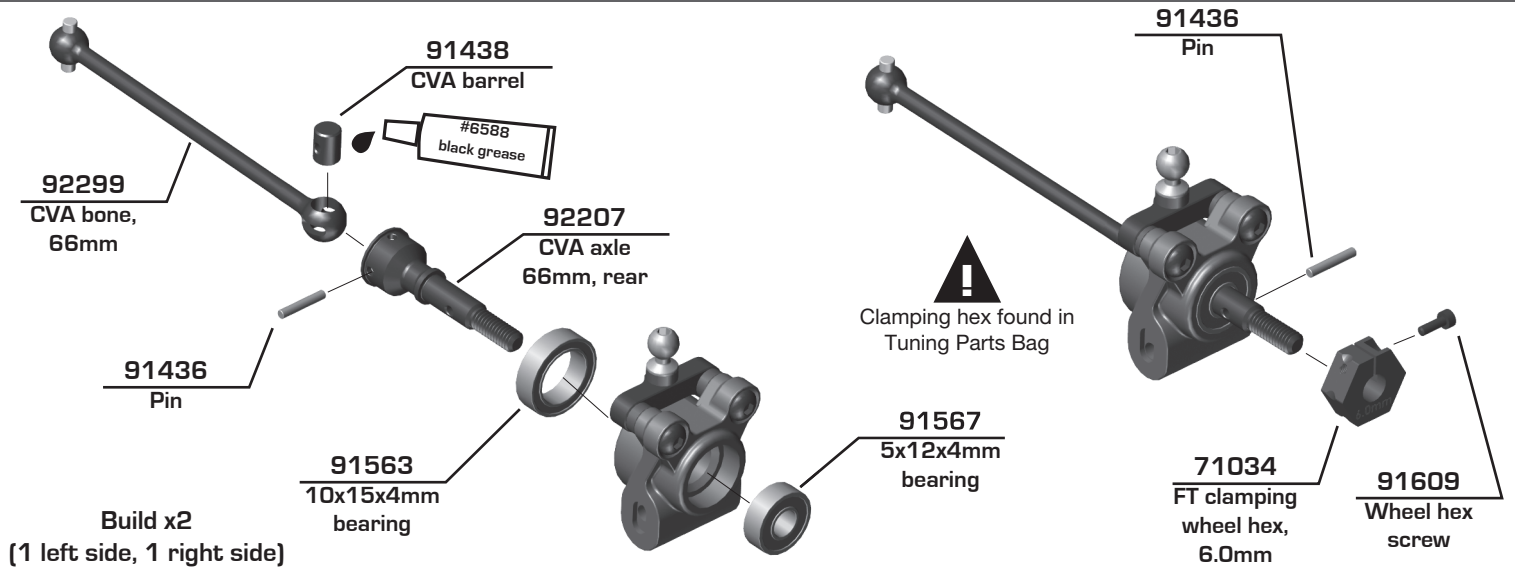


:: Bag 8 - Step 1



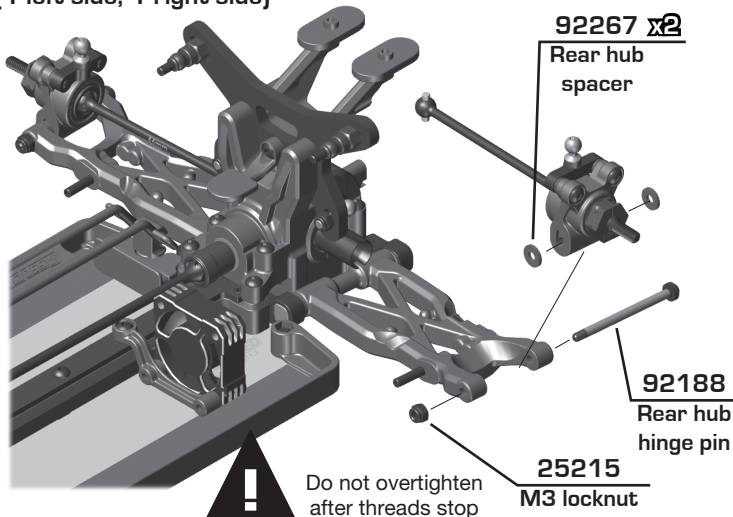
Rear Axle Height		
	↓ 0 3 ↑	+3mm
	↓ 1 2 ↑	+2mm
	↑ 1 2 ↓	+1mm
	↑ 0 3 ↓	+0mm

:: Bag 8 - Step 2



:: Bag 8 - Step 3

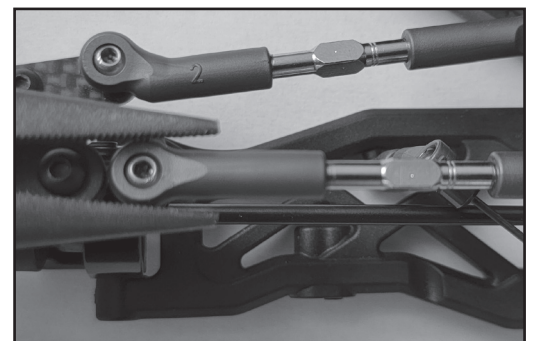
Build x2
(1 left side, 1 right side)



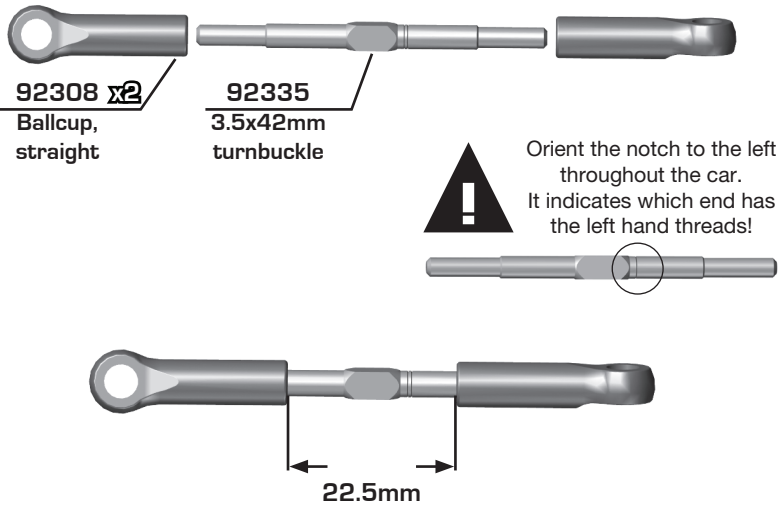
:: Bag 9 - Step 1



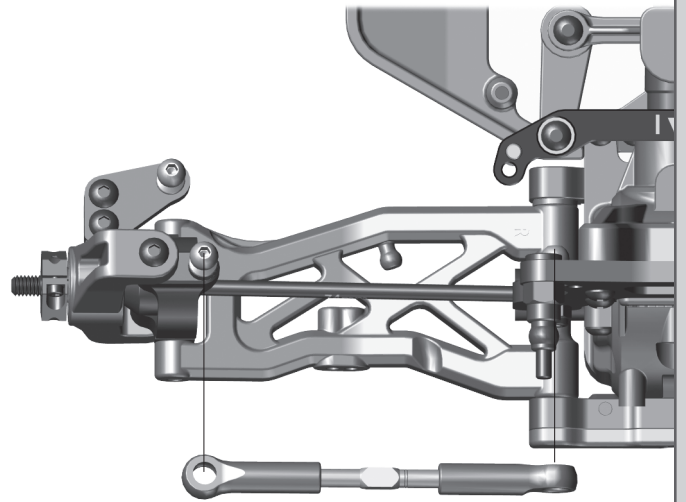
It is important that the turnbuckle eyelets move freely once snapped on to the ballstud. If the fit is too tight, the car handling will be inconsistent. To check, grab turnbuckle eyelet with fingers and rotate the cup. If there is resistance, lightly squeeze ball cup with needle nose pliers as shown and test again. It is important that the ball cup be snapped onto the ballstud before squeezing with needle nose pliers. Be sure to check and adjust the fit for each ball cup that is installed.



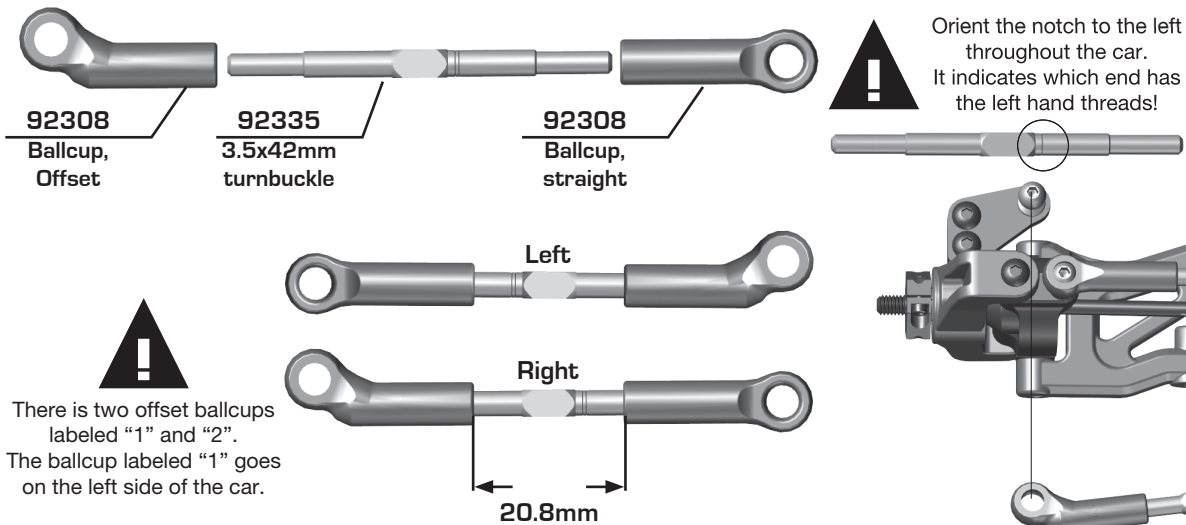
:: Bag 9 - Step 2



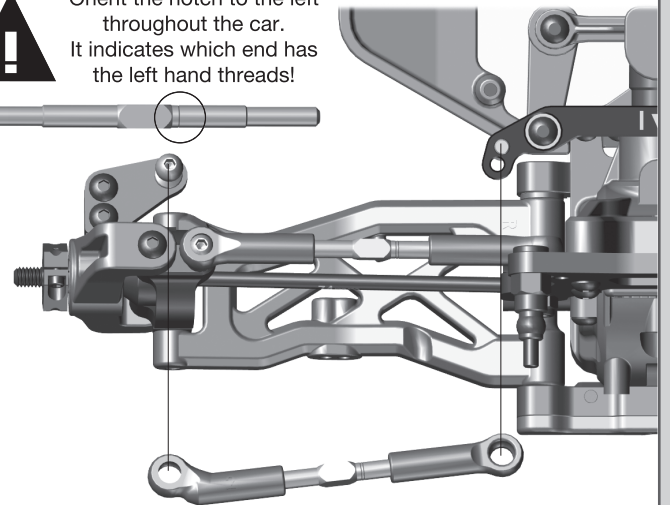
Build x2 (1 left side, 1 right side)



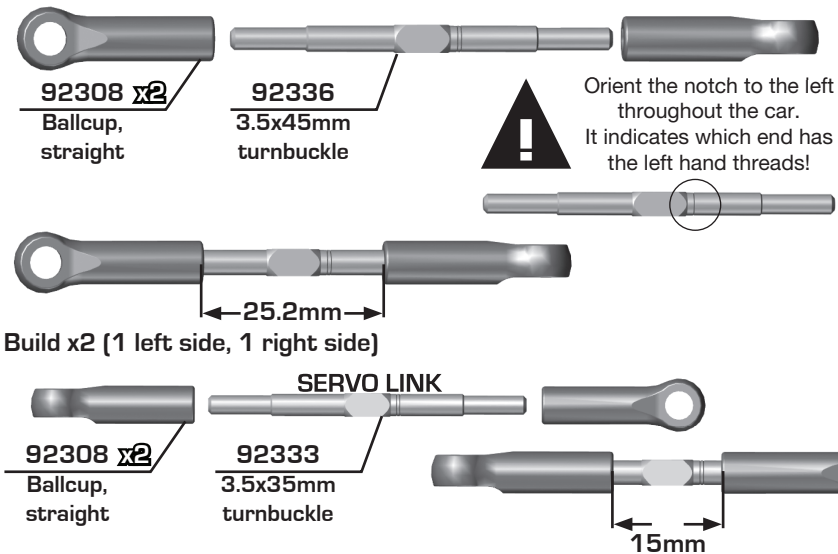
:: Bag 9 - Step 3



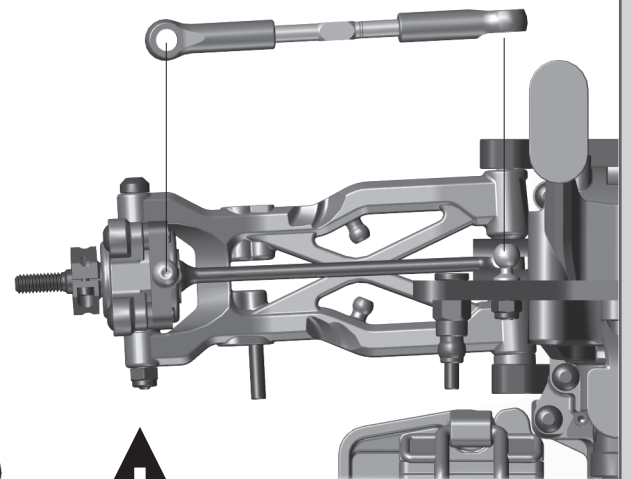
Build x2 (1 left side, 1 right side)



:: Bag 9 - Step 4



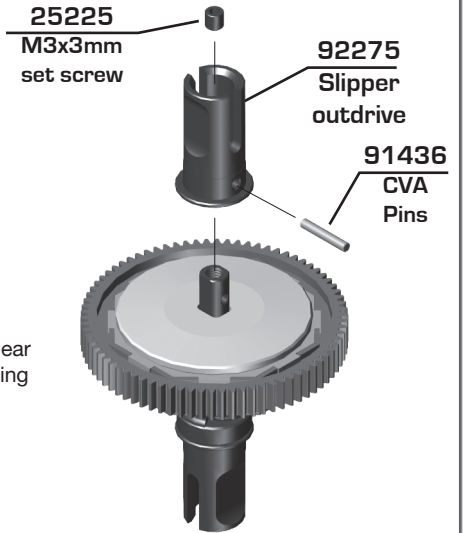
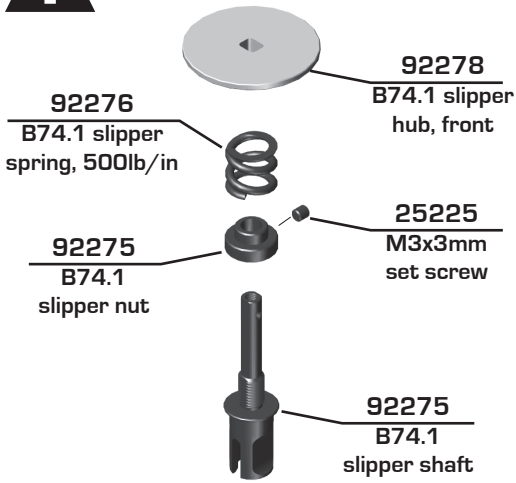
Build x2 (1 left side, 1 right side)



:: Bag 10 - Step 1

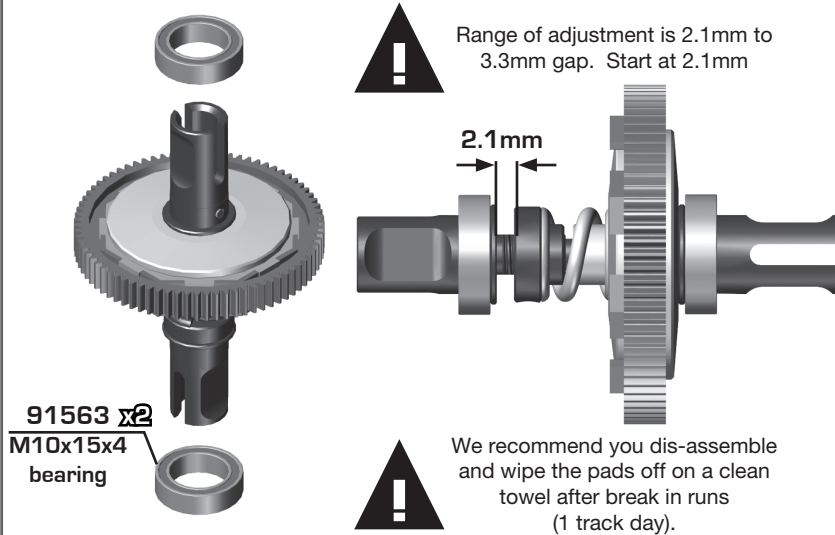


Screw set screw in 1/2 of the depth, use it to lock nut into final setting.



Tall side of spur gear goes towards spring

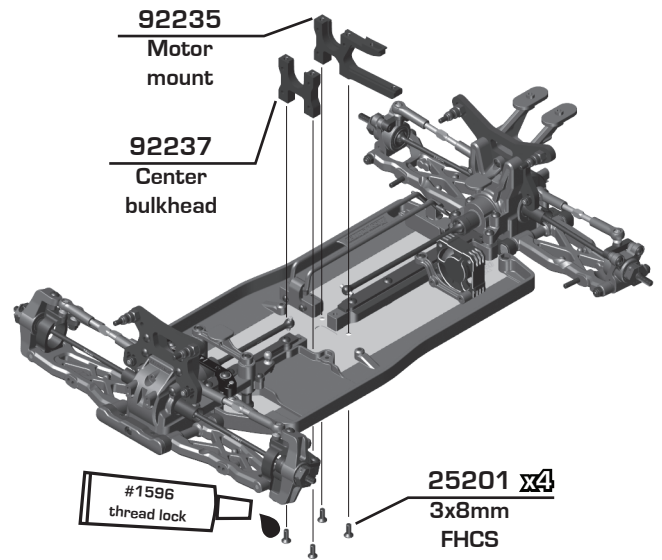
:: Bag 10 - Step 2



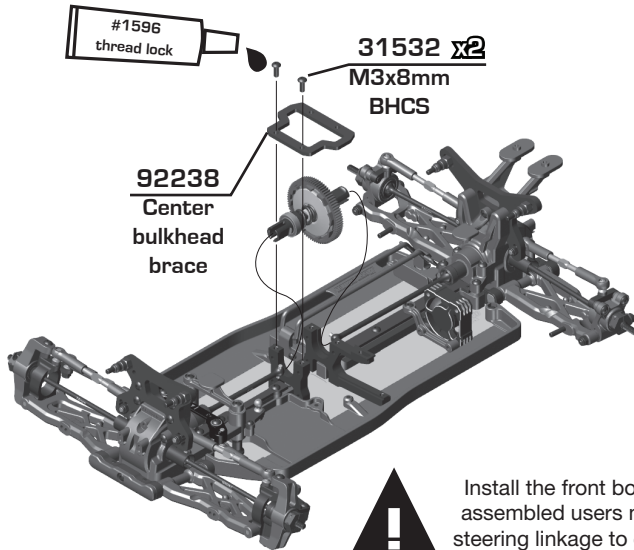
Range of adjustment is 2.1mm to 3.3mm gap. Start at 2.1mm



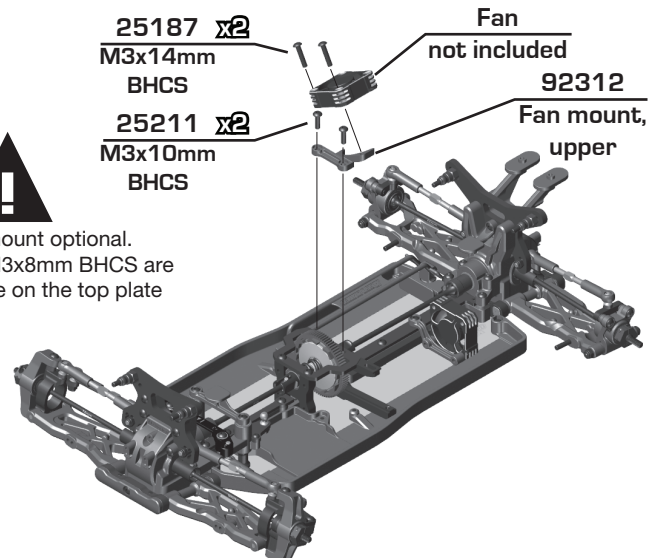
We recommend you dis-assemble and wipe the pads off on a clean towel after break in runs (1 track day).



:: Bag 10 - Step 3

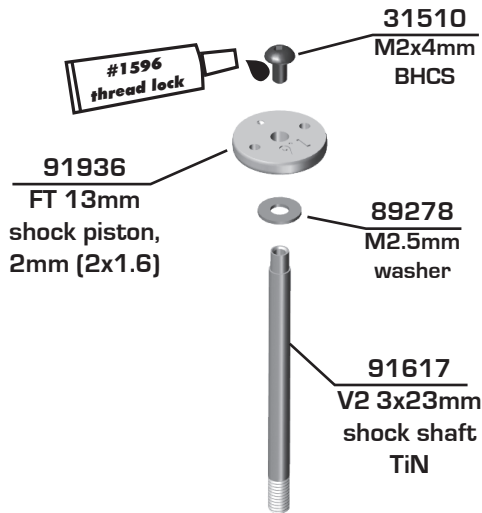


Install the front bone first. When assembled users need to shift the steering linkage to clear the ballcup



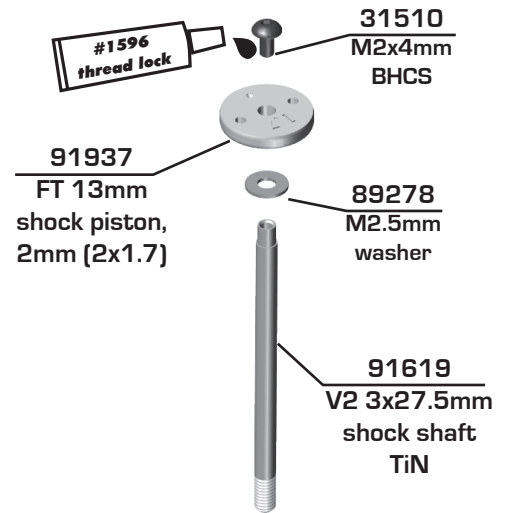
Upper fan mount optional. If not used, x2 M3x8mm BHCS are included for use on the top plate

:: Bag 11 - Step 1



Racers Tip:

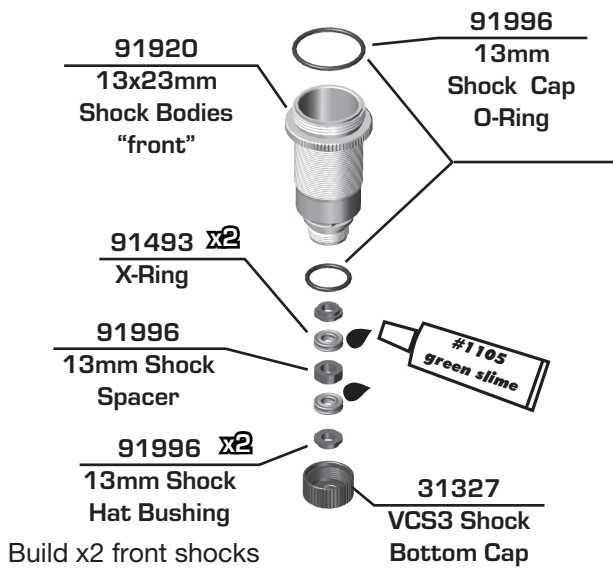
Use a marker over the numbers on the pistons to make them easily visible!



Build x2 front shocks

Build x2 rear shocks

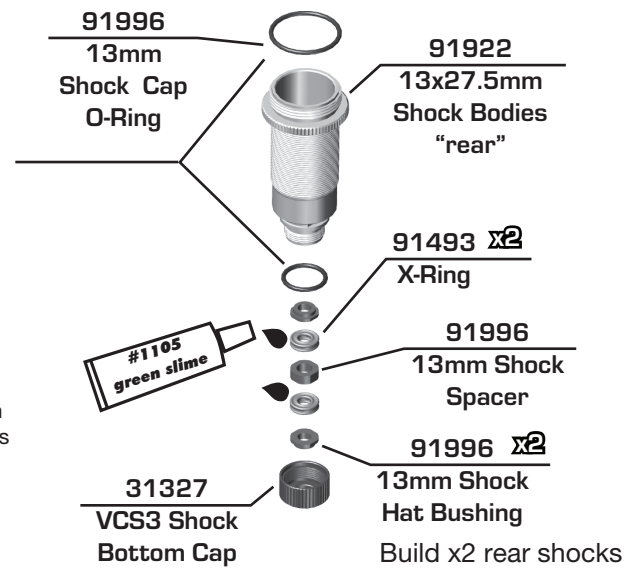
:: Bag 11 - Step 2



Racers Tip:

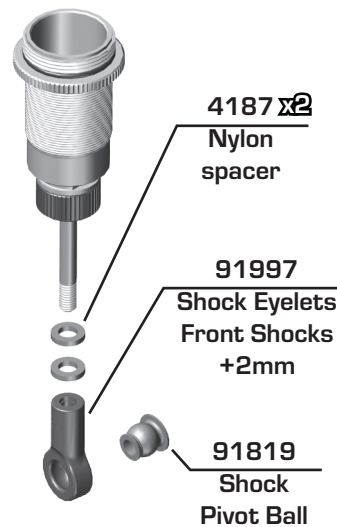
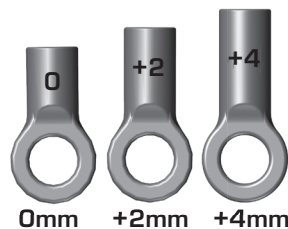
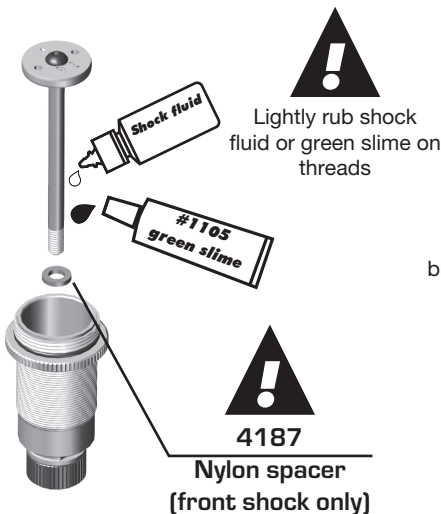
Coating the X-rings with green slime (#1105) helps seal & reduce X-ring swell! Green slime not included in kit!

Build x2 front shocks

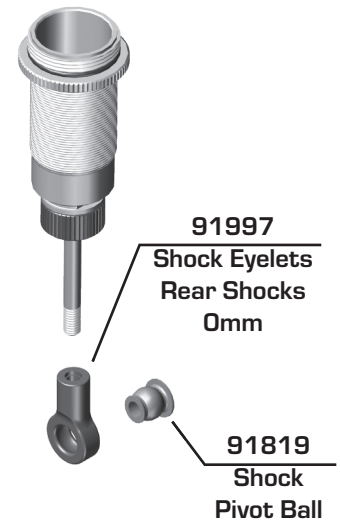


Build x2 rear shocks

:: Bag 11- Step 3



Build x2 front shocks



Build x2 rear shocks

:: Bag 11 - Step 4

Shock Fluids:
Front Shock: 45wt
Rear Shock: 35wt

Steps 2-3 **Steps 4-5** **Steps 6-7** **Step 8**

91926
13mm
Shock Cap

Shock Bleeding Steps:

1. Before assembly, get each bleed screw and thread it 1-2 turns into the shock cap, then remove the screw. This will make it easier when you are bleeding your shocks.
2. Pull shock shaft down.
3. Fill shock body 3/4 full with silicone shock fluid.
4. Slowly move the shock shaft up and down to remove air from under the piston.
5. Wait for bubbles to come to surface.
6. Fill shock body to top with silicone shock fluid.
7. Place a drop of oil in the cap and on cap threads.
8. Install cap (without bleed screw) and tighten completely.
9. Slowly compress shaft all the way to bleed excess silicone shock fluid out the hole in the cap (use rag around shock to catch excess fluid).
10. Install M2x4mm button head screw until snug while shaft is fully compressed.

31510
2x4mm
BHCS

Steps 9-10

Stroke
Front: 22mm
Rear: 27.5mm

:: Bag 11 - Step 5

91996 **x4**
13mm
Threaded
Collar
O-ring

91928 **x4**
13mm
Threaded
Collar

91944
13mm Front
Spring, Red
(4.00lb)

91950
13mm Rear
Spring, Blue
(2.20lb)

Racers Tip:

Use your finger to rub shock fluid on the O-ring for smoother adjustment!

Build x4

:: Bag 11 - Step 6

Front:
7.5mm

Rear:
2.5mm

91926
13mm Shock
Spring Cup
"Front - 5mm"

Build x2 front shocks

#91926 13mm Shock Spring Cups

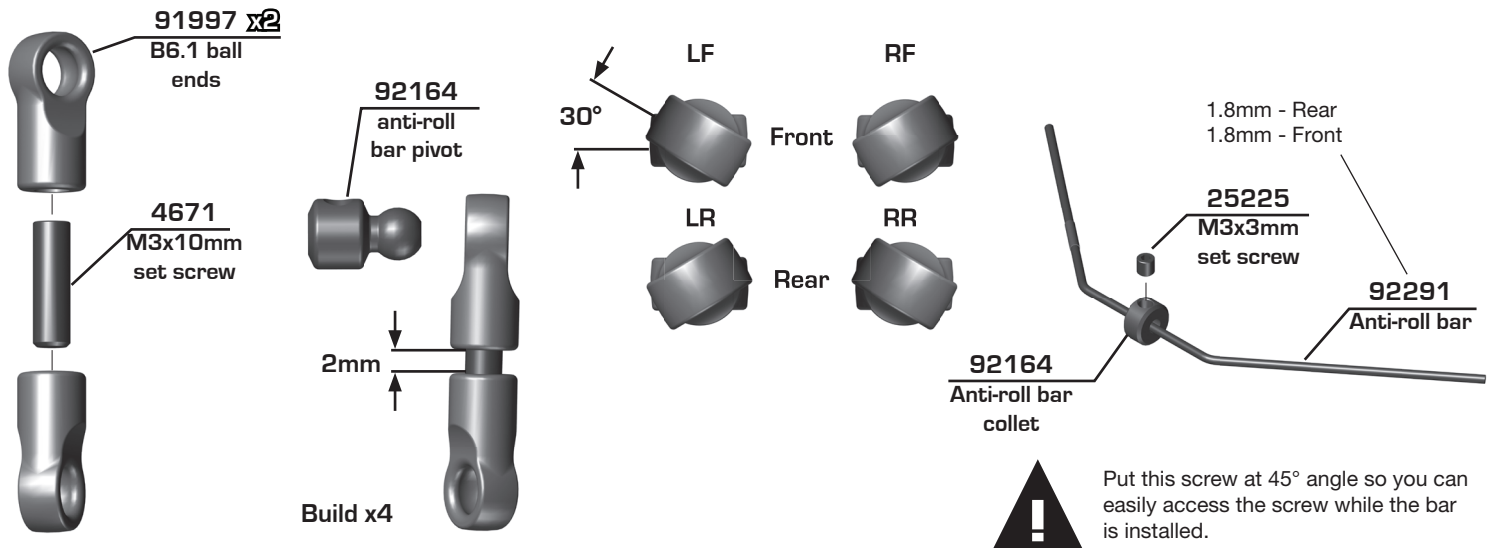
0mm 5mm 9mm

91926
13mm Shock
Spring Cup
"Rear - 0mm"

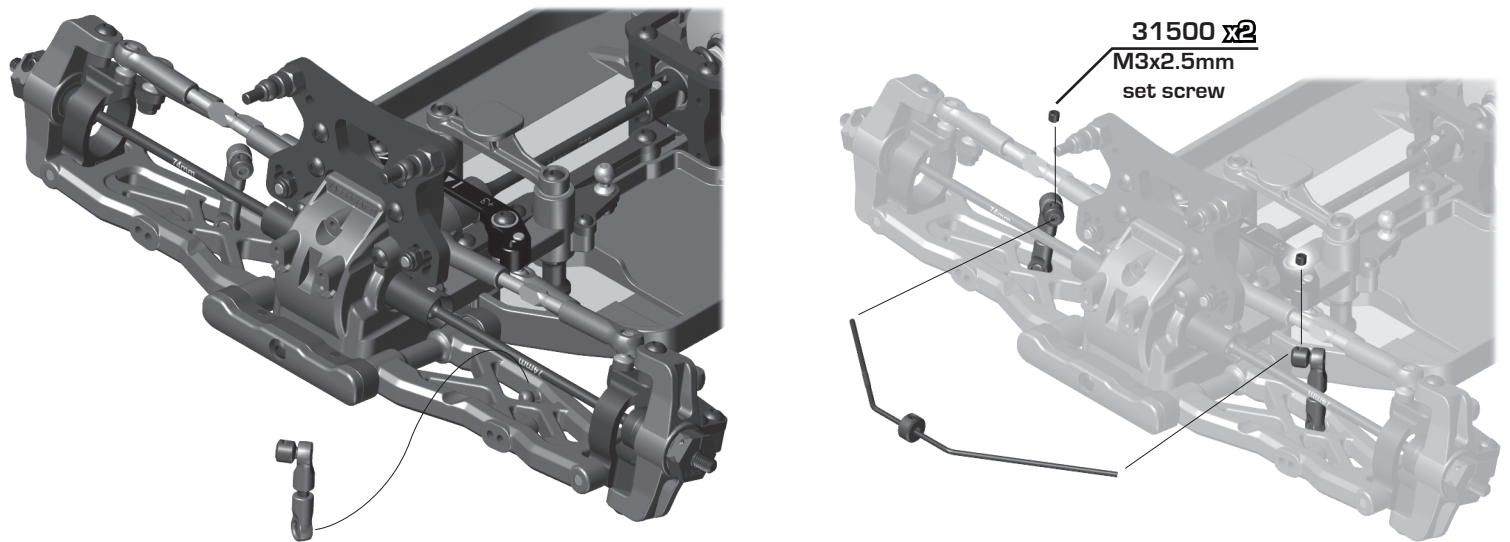
Build x2 rear shocks

Hold shock mounting hardware until after anti-roll bar installation.

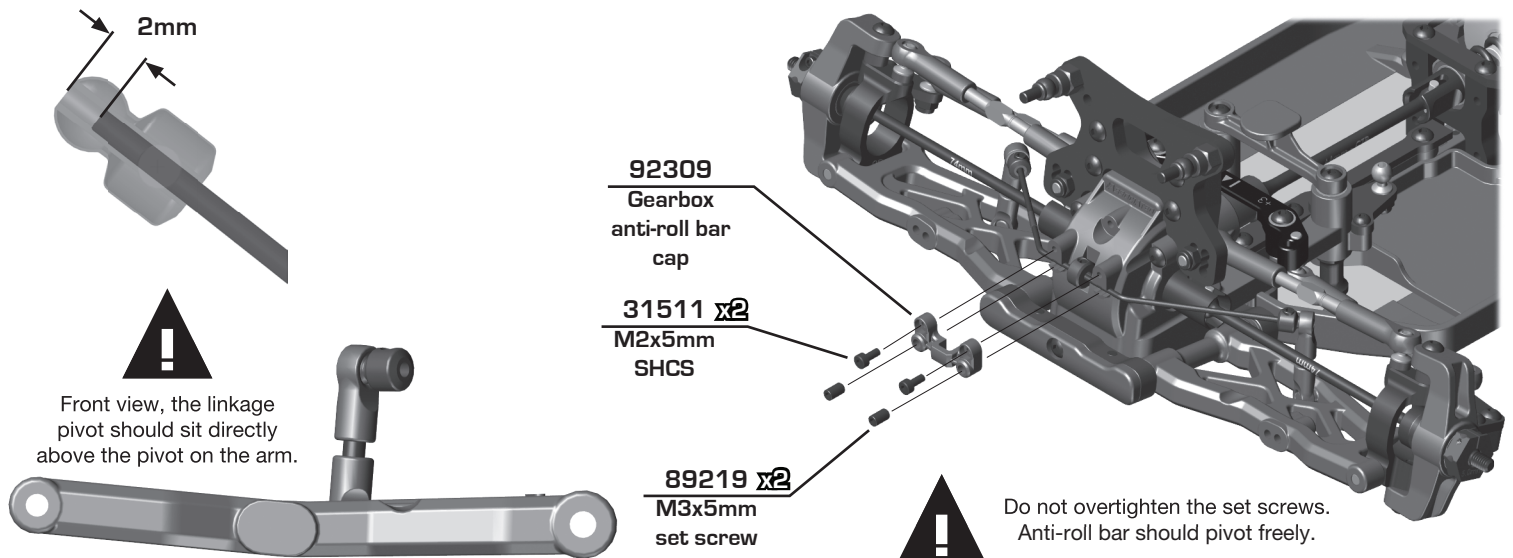
:: Bag 12 - Step 1



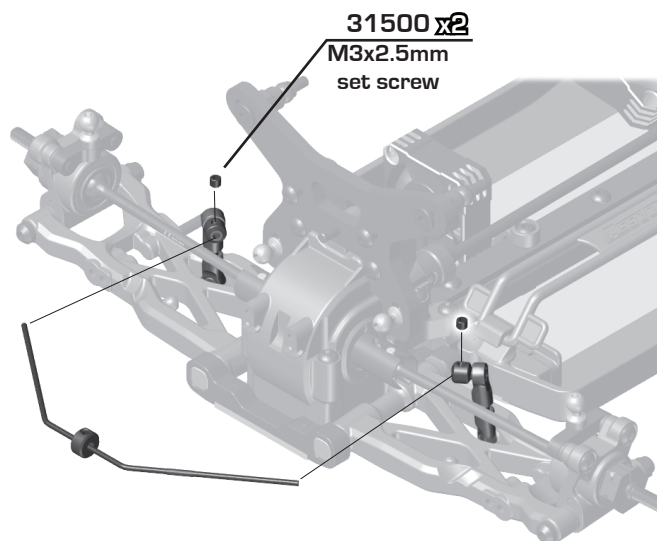
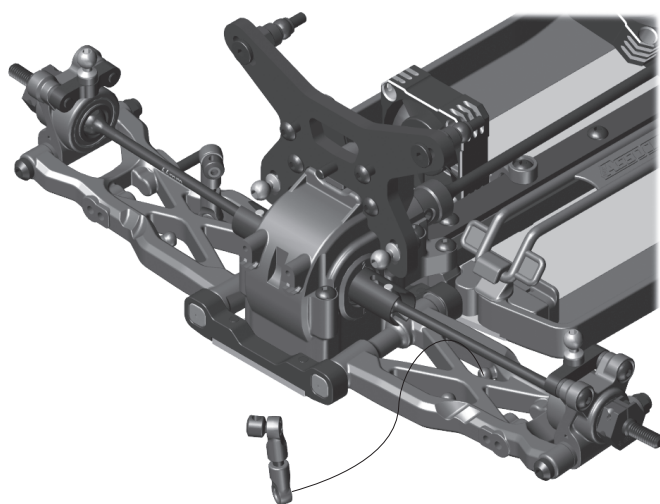
:: Bag 12 - Step 2



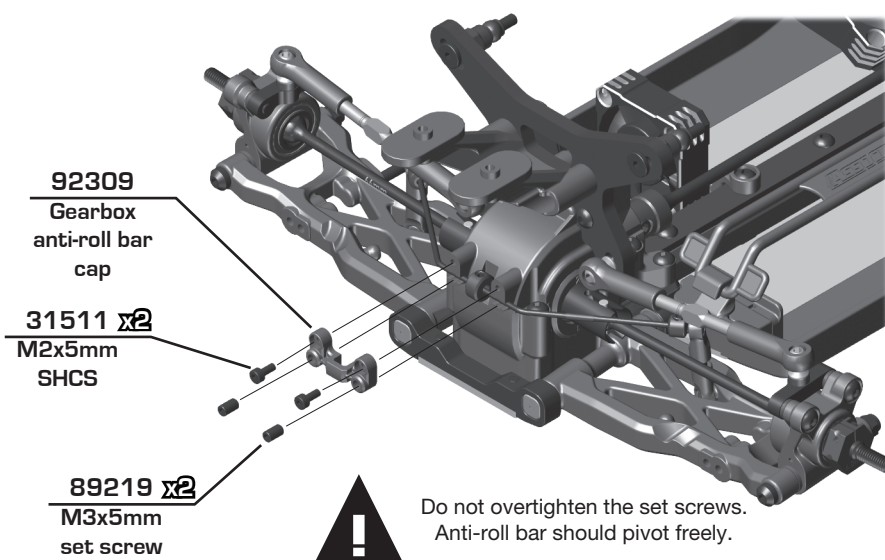
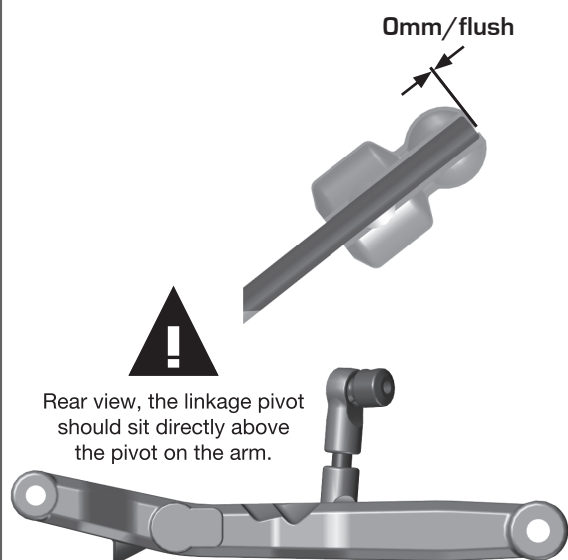
:: Bag 12 - Step 3



:: Bag 12 - Step 4

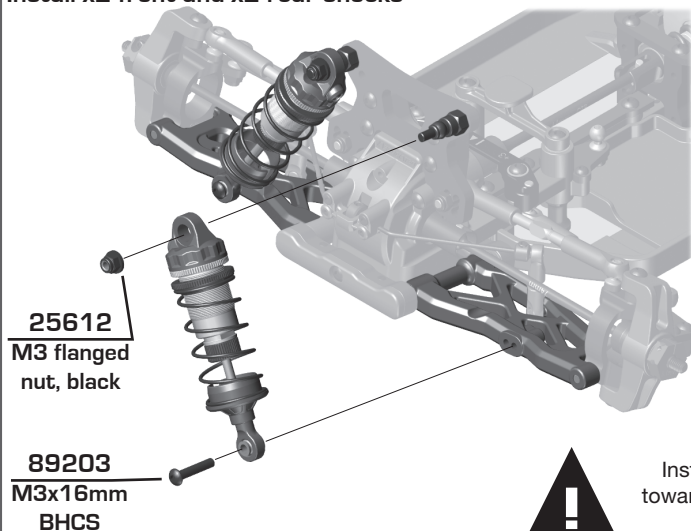


:: Bag 12 - Step 5

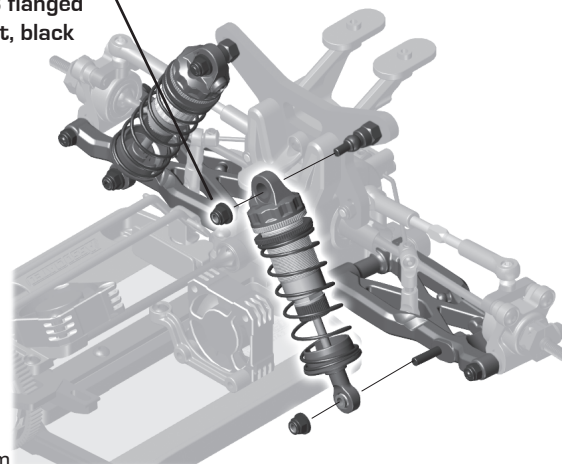


:: Bag 13 - Step 1

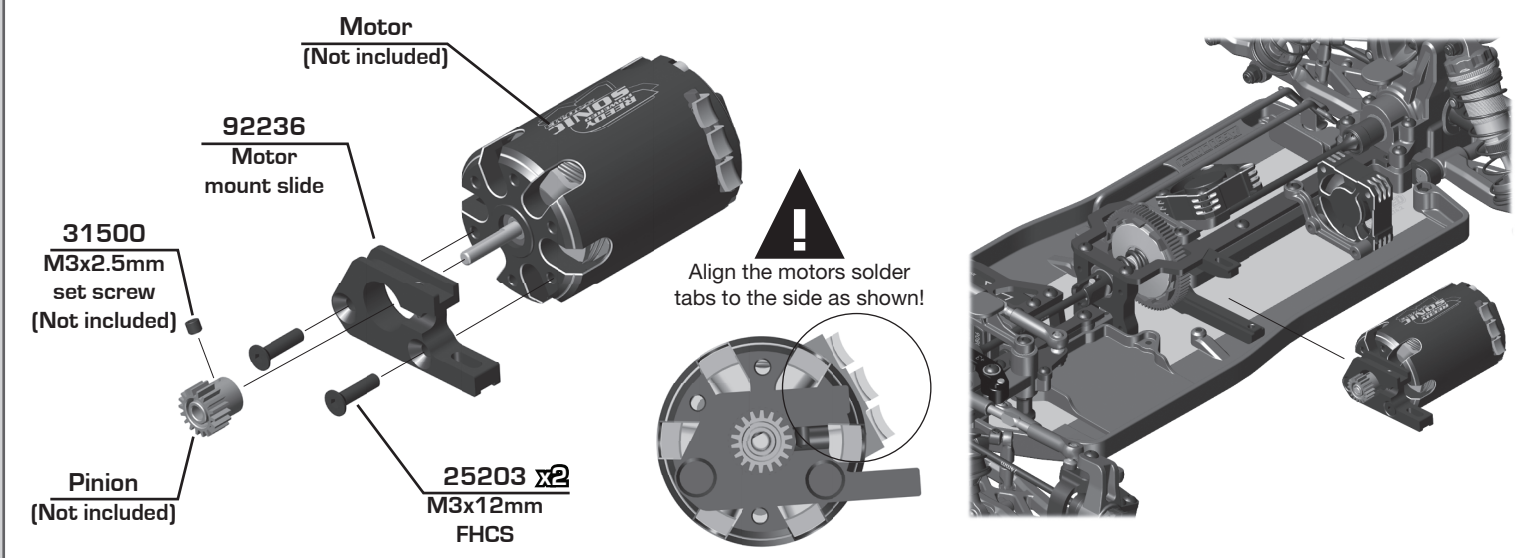
Install x2 front and x2 rear shocks



25612 x2
M3 flanged
nut, black

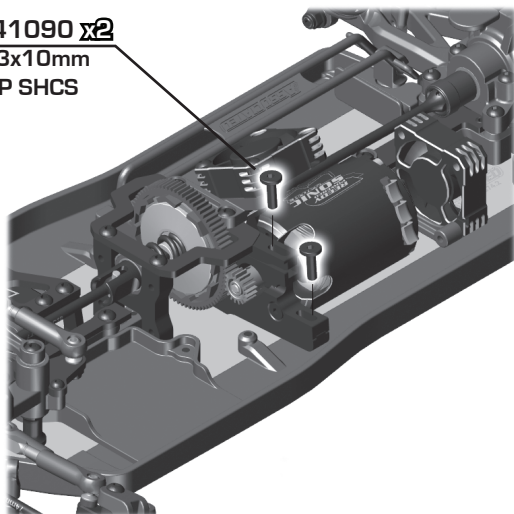


Install bleeder screws facing towards car center to keep them clean from dirt



:: Bag 13 - Step 5

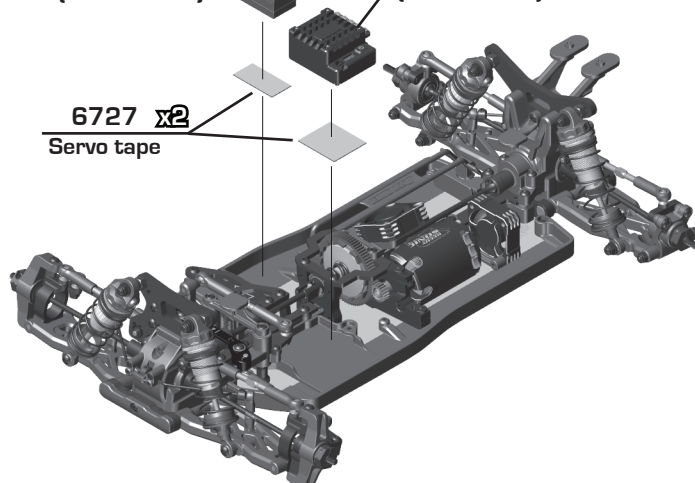
41090 x2
M3x10mm
LP SHCS



Receiver
(Not included)

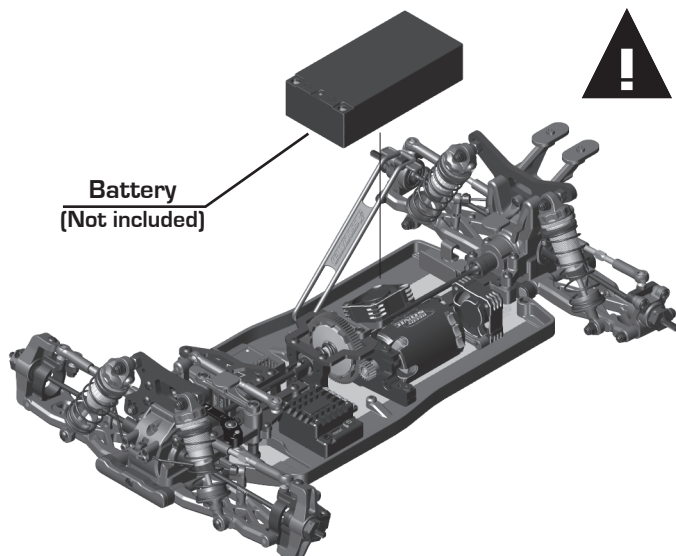
ESC
(Not included)

6727 x2
Servo tape



:: Bag 13 - Step 6

Battery
(Not included)

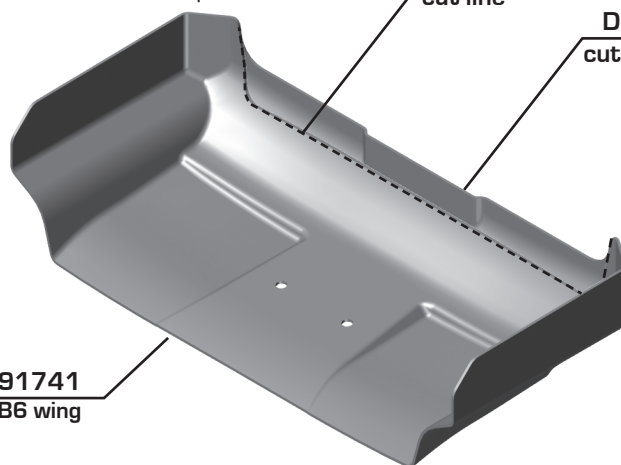


There are two cut line options on the rear wings.
The lower one is for carpet setup, the higher one
is for dirt setup.

Carpet
cut line

Dirt
cut line

91741
B6 wing



:: Bag 13 - Step 7

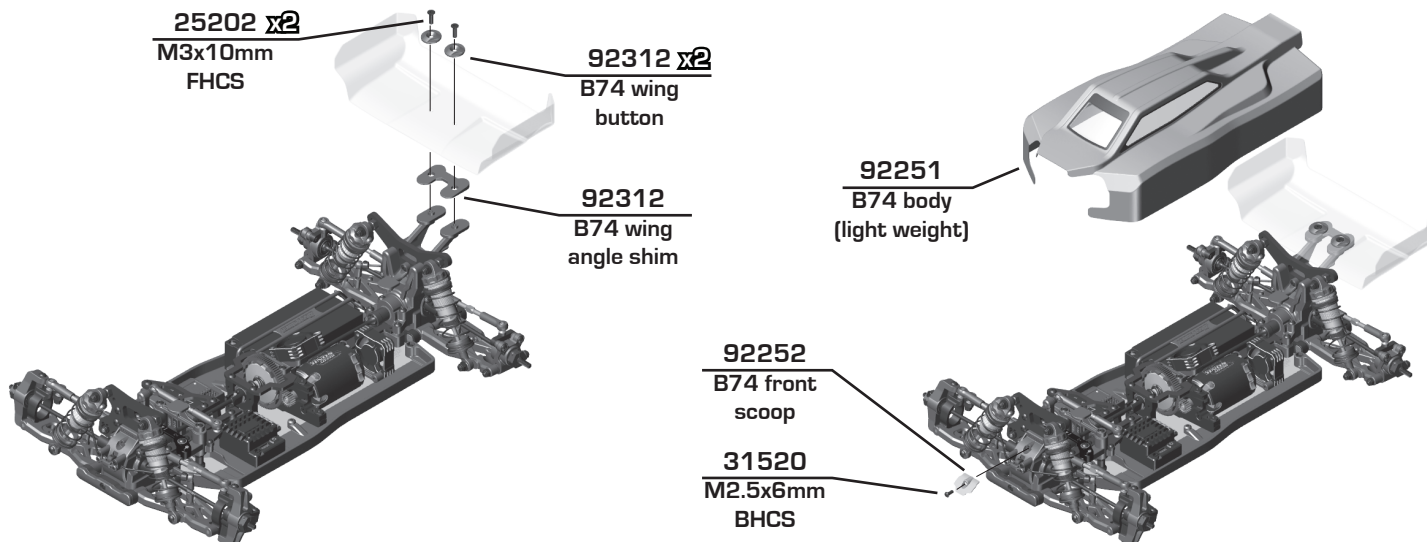
25202 x2
M3x10mm
FHCS

92312 x2
B74 wing
button

92312
B74 wing
angle shim

92251
B74 body
(light weight)

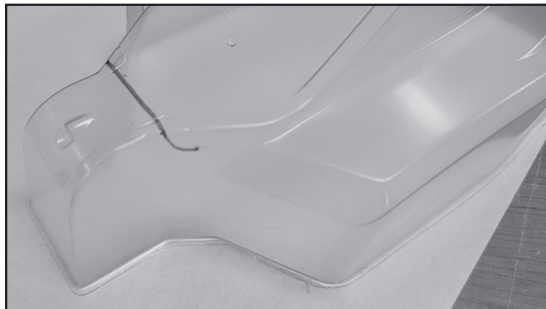
92252
B74 front
scoop
31520
M2.5x6mm
BHCS



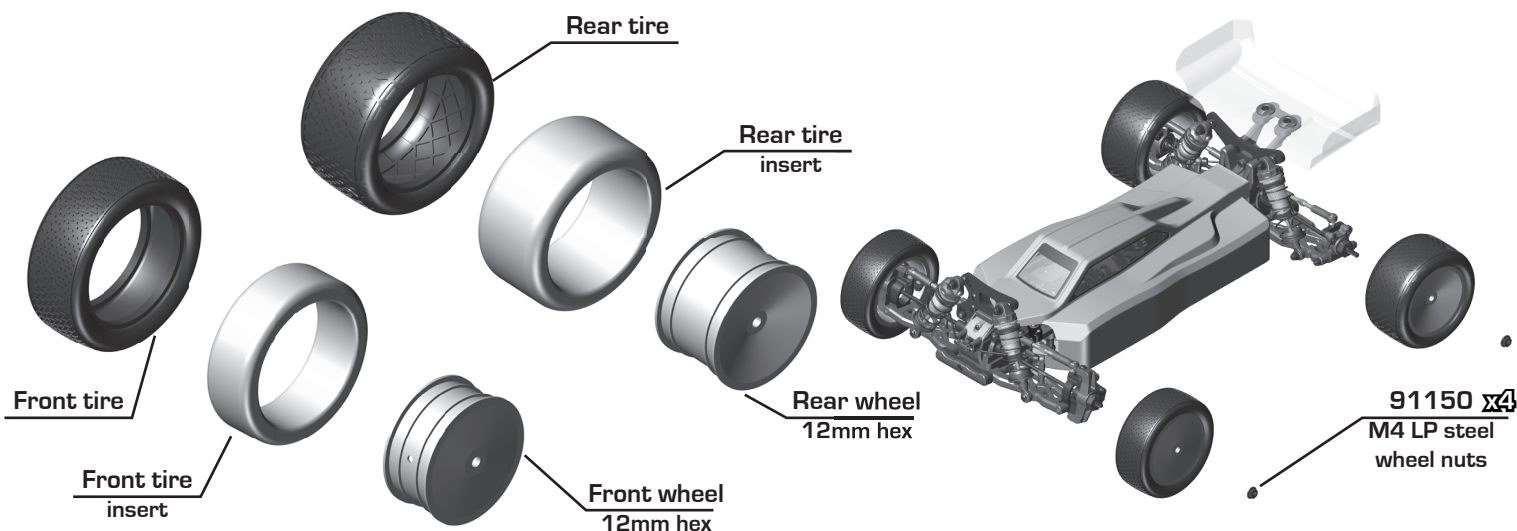
:: Bag 13 - Step 8



Trim the body using the pictures below as your guides.



:: Bag 13 - Step 9



Build x2 front and x2 rear wheels/tires

Install x2 front and x2 rear wheels/tires

:: Tuning Tips - Painting, Beginners

Painting:

Your Kit requires a clear polycarbonate body. You will need to prep the body before you can paint it. Wash the **INSIDE** thoroughly with warm water and liquid detergent (do not use any detergents with scents or added hand lotion ingredients!). Dry the body using a clean, soft, lint-free cloth. Use the supplied window masks to cover the windows from the **INSIDE** of the body (RC bodies get painted on the inside). Using high quality masking tape, apply tape to the inside of the body to create a design. Spray (use either rattle can or airbrush) the paint on the inside of the body (preferably dark colors first, lighter colors last). **NOTE: ONLY** use paint that is recommended for (polycarbonate) plastics. If you do not, you can destroy the body! After the paint has completely dried (usually after 24 hours), cut the body along the trim lines. Make sure to drill or use a body reamer to make the holes for the antenna if needed! Use hook and loop tape to secure the body to the side rails of the vehicle.

Tips for Beginners:

Before making any changes to the standard setup, make sure you can get around the track without crashing. Changes to your vehicle will not be beneficial if you can't stay on the track. Your goal is consistent laps. Once you can get around the track consistently, start tuning your vehicle. Make only **ONE** adjustment at a time, testing it before making another change. If the result of your adjustment is a faster lap, mark the change on the included setup sheet (make additional copies of the sheet before writing on it). If your adjustment results in a slower lap, revert back to the previous setup and try another change. When you are satisfied with your vehicle, fill in the setup sheet thoroughly and file it away. Use this as a guide for future track days or conditions. Periodically check all moving suspension parts. Suspension components must be kept clean and move freely without binding to prevent poor and/or inconsistent handling.

C Mount		D Mount	
		= 3°	
		= 4°	
		= 5°	
		= 2°	
		= 3°	
		= 4°	
		= 1°	
		= 2°	
		= 3°	

Driver: Kit Setup - Carpet

Event: _____

Date: _____

Track: _____

Qualify: _____

TC: ☐ Main: _____

Finish: _____

Best Lap Time: _____

Front Suspension:

Ride Height:	<u>13mm</u>
Camber:	<u>-1deg</u>
Toe:	<u>1deg</u>
Anti-Roll Bar:	<u>1.8mm</u>
Arm Type:	<u>Gull Wing - Standard</u>
Tower Type:	<u>Gull Wing</u>
Wheelbase Shim:	<u>1mm behind arm</u>
Wheel Hex:	<u>5.0mm</u>
Caster Block:	8° ☐ 9° ☒ 10° ☐
Chassis Brace Support:	<u>2mm G10</u>
Top Plate Brace:	<u>None</u>
Front Axles:	CVA ☒ DCV ☐
Notes:	_____



Front Chassis Brace Screws:



Ball Stud Spacing: 1mm



Arm Mount A: 1° ☐ 0.5° ☐
Gray ☒ Black ☐



Arm Mount B: 1° ☐ 0.5° ☐
Gray ☒ Black ☐



Diff Height:
+2 ☒
+0 ☐

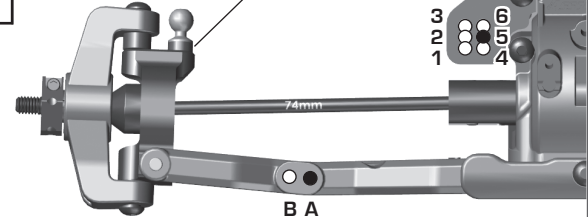


Axle Height:
+3 ☒ +2 ☐ +1 ☐ 0 ☐

Ball Stud Spacing: 0mm

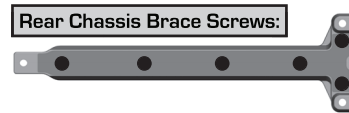
Steering Plate: Kit - "0"

Ball Stud Spacing: 2mm



Rear Suspension:

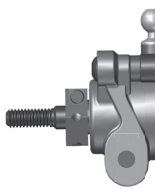
Ride Height:	<u>13mm</u>
Camber:	<u>-1deg</u>
Anti-Roll Bar:	<u>1.8mm</u>
Arm Type:	<u>Standard</u>
Wheelbase Shim:	<u>2mm in front of arm</u>
Wheel Hex:	<u>6.0mm</u>
Chassis Brace Support:	<u>2mm G10</u>
Hub Spacing:	Fwd ☐ Mid ☒ Back ☐
Notes:	_____



Arm Mount C: 1° ☒ 0.5° ☐
Gray ☒ Black ☐



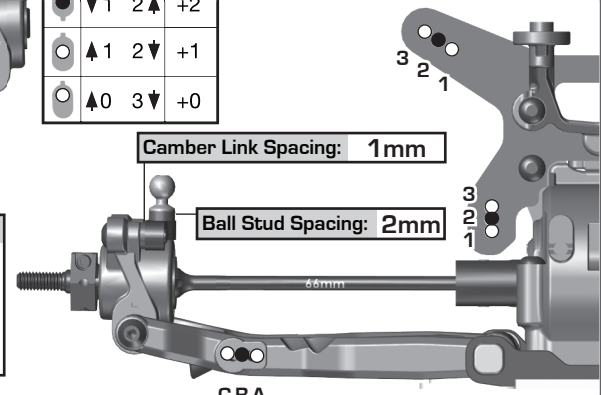
Arm Mount D: 1° ☐ 0.5° ☐
Gray ☒ Black ☐



Axle Height:
▼0 3▲ +3
▼1 2▲ +2
▲1 2▼ +1
▲0 3▼ +0

Camber Link Spacing: 1mm

Ball Stud Spacing: 2mm



Electronics:

Radio:	Servo:
EPA: Throttle: %	Brake: %
ESC:	
ESC Settings:	
Motor / Wind:	Timing:
Pinion:	Spur: <u>78T</u>
Battery:	
Battery Position:	
Back 1 ☐ 2 ☐ 3 ☐ 4 ☒ Forward	
Battery Weight:	

Differential:

	Front	Center	Rear
Fluid:	<u>15K</u>		<u>15K</u>
Gears:	<u>Metal</u>		<u>Metal</u>
Type:	<u>LTC</u>		<u>LTC</u>
Notes:	_____		
Slipper Clutch:			
Type:	<u>Octalock 11mm LCF</u>		
# of Pads:	<u>2 Pad</u>		
Setting:	<u>2.1mm</u>		

Shocks:

	Front	Rear
Piston:	<u>2x1.6</u>	<u>2x1.7</u>
Thickness:	<u>2mm</u>	<u>2mm</u>
Fluid:	<u>45wt</u>	<u>35wt</u>
Spring:	<u>Red</u>	<u>Blue</u>
Limiters:	Int: <u>1</u> Ext: <u>2</u>	Int: _____ Ext: _____
Stroke:	<u>22mm</u>	<u>27.5mm</u>
Eyelet Length:	<u>+2</u>	<u>0</u>
Cup Offset:	<u>5mm</u>	<u>0mm</u>
Notes:	_____	



Track Info:

Size:	Small ☐ Medium ☐ Large ☐ Extra Large ☐
Surface:	Dirt ☐ Carpet ☐ Astroturf ☐ Multi Surface ☐
Traction:	Low ☐ Medium ☐ High ☐ Very High ☐
Moisture:	Dry ☐ Damp ☐ Wet ☐
Condition:	Indoor ☐ Outdoor ☐ Dusty ☐ Hard Packed ☐ Bumpy ☐ Grooved ☐ Smooth ☐ Loamy ☐
Temperature:	Ambient: _____ Track: _____
Notes:	_____
Vehicle Comments:	_____

Tires:

Front Tires:	_____
Front Compound:	_____
Front Insert:	_____
Rear Tires:	_____
Rear Compound:	_____
Rear Insert:	_____
Wheel (F/R):	_____
Notes:	_____

Body, Wing, Weight:

Body:	<u>Kit - Lightweight</u>
Front Wing:	Yes ☐ No ☒
Rear Wing:	<u>Kit</u>
Wing Angle:	0° ☐ 6° ☒
Wing Mount Height:	0 ☐ -2 ☒
Servo Weights:	_____
Electronic Weights:	_____
Total Vehicle Weight:	_____

Front Suspension:

Ride Height: _____
 Camber: _____
 Toe: _____
 Anti-Roll Bar: _____
 Arm Type: _____
 Tower Type: _____
 Wheelbase Shim: _____
 Wheel Hex: _____
 Caster Block: 8° ☐ 9° ☐ 10° ☐
 Chassis Brace Support: _____
 Top Plate Brace: _____
 Front Axles: CVA ☐ DCV ☐
 Notes: _____

1 2
 Front Chassis Brace Screws: _____
 Ball Stud Spacing: _____
 Arm Mount A: 1° ☐ 0.5° ☐
 Gray ☐ Black ☐
 Arm Mount B: 1° ☐ 0.5° ☐
 Gray ☐ Black ☐

Diff Height:
 +2 ☐
 +0 ☐

Axle Height:
 +3 ☐ +2 ☐ +1 ☐ 0 ☐
 Ball Stud Spacing: _____
 Steering Plate: _____
 Ball Stud Spacing: _____
 74mm
 B A

Rear Suspension:

Ride Height: _____
 Camber: _____
 Anti-Roll Bar: _____
 Arm Type: _____
 Wheelbase Shim: _____
 Wheel Hex: _____
 Chassis Brace Support: _____
 Hub Spacing: Fwd ☐ Mid ☐ Back ☐
 Notes: _____

Rear Chassis Brace Screws: _____
 Arm Mount C: 1° ☐ 0.5° ☐
 Gray ☐ Black ☐
 Arm Mount D: 1° ☐ 0.5° ☐
 Gray ☐ Black ☐

Diff Height:
 +3 ☐
 +2 ☐
 +1 ☐
 +0 ☐

Axle Height:
 ▼0 3▲ +3
 ▼1 2▲ +2
 ▲1 2▼ +1
 ▲0 3▼ +0
 Camber Link Spacing: _____
 Ball Stud Spacing: _____
 44mm
 C B A

Electronics:

Radio: _____ Servo: _____
 EPA: Throttle: _____ % Brake: _____ %
 ESC: _____
 ESC Settings: _____
 Motor / Wind: _____ Timing: _____
 Pinion: _____ Spur: _____
 Battery: _____
 Battery Position: _____
 Back 1 ☐ 2 ☐ 3 ☐ 4 ☐ Forward
 Battery Weight: _____

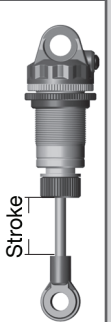
Differential:

	Front	Center	Rear
Fluid:			
Gears:			
Type:			
Notes:			

Slipper Clutch:
 Type: _____
 # of Pads: _____
 Setting: _____

Shocks:

	Front	Rear
Piston:		
Thickness:		
Fluid:		
Spring:		
Limiters:	Int: _____ Ext: _____	Int: _____ Ext: _____
Stroke:		
Eyelet Length:		
Cup Offset:		
Notes:		



Track Info:

Size: Small ☐ Medium ☐ Large ☐ Extra Large ☐
 Surface: Dirt ☐ Carpet ☐ Astroturf ☐ Multi Surface ☐
 Traction: Low ☐ Medium ☐ High ☐ Very High ☐
 Moisture: Dry ☐ Damp ☐ Wet ☐
 Condition: Indoor ☐ Outdoor ☐ Dusty ☐ Hard Packed ☐
 Bumpy ☐ Grooved ☐ Smooth ☐ Loamy ☐
 Temperature: Ambient: _____ Track: _____
 Notes: _____
 Vehicle Comments: _____

Tires:

Front Tires: _____
 Front Compound: _____
 Front Insert: _____
 Rear Tires: _____
 Rear Compound: _____
 Rear Insert: _____
 Wheel (F/R): _____
 Notes: _____

Body, Wing, Weight:

Body: _____
 Front Wing: Yes ☐ No ☐
 Rear Wing: _____
 Wing Angle: 0° ☐ 6° ☐
 Wing Mount Height: 0 ☐ -2 ☐
 Servo Weights: _____
 Electronic Weights: _____
 Total Vehicle Weight: _____

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Associated Electrics, Inc.

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