

B84D
CLASSIC

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



TEAM ASSOCIATED



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

#90056 RC10B84D Classic Buggy Kit



CHAMPIONS by DESIGN

AssociatedElectrics.com

TEAM ASSOCIATED

:: 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.

Check www.rc10.com for the latest versions of our instruction manuals.

:: RC10B84D Features

- Molded Height-Adjustable Gearboxes Front and Rear with Additional +2 Rear Gearbox for High-Grip Conditions
- Long-Arm Suspension Geometry: improves grip and predictability in all conditions
- Optimized Steering Bellcranks and Rack: improved bumpsteer control at all ride heights
- Chassis Bracing: Fine tune chassis flex characteristics with upper and lower chassis bracing front and rear
- Standard and HRC (High Roll Center) Rear Hubs Included
- Insert adjustable caster block with 0, +/-1, and +/-2 degree inserts included
- Forward and Back Motor Positions: used for further weight bias adjustment
- Highly Adjustable Battery Holder with Thumb Tabs: allows for easy battery removal and fine tuning of weight bias
- 2.5mm Thick Tapered 7075-T6 Aluminum Chassis with 10 Degrees of Kickup and Improved Departure Angle
- (90050 Only): Decoupled Slipper Clutch Included
- (90051 Only): Molded Ring and Pinion Gears Included
- Aluminum Center-Mounted Servo Mount
- Two heights Included for Rear Wing Mount
- 7-inch Rear Wing
- Low-Profile Body
- Shock Tower Covers Front and Rear
- 3.5mm Turnbuckles and Ballcaps
- 13mm Big-Bore Shocks

:: Additional

Your new RC10B84 Kit comes unassembled and requires the following items for completion (refer to AssociatedElectrics.com 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 | • 2 cell LiPo battery pack |
| • Electronic Speed Control ("ESC") | • Polycarbonate specific spray paint |
| • Steering servo | • Cyanoacrylate glue ("CA") (#1697) |
| • R/C electric motor | • Thread locking compound (#1596) |
| • Pinion gear, size determined by type/turn or kV of motor | • Tires and Inserts, Fronts and Rears |

:: Other Helpful Items

- | | | | | |
|--|----------------------------------|---------------------------------|-----------------------------|----------------|
| • Silicone Shock Fluid (Refer to AssociatedElectrics.com for complete listings) | • FT Body Scissors (#1737) | • FT Body Reamer (#1499) | • Shock Pliers (#1681) | • 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) | | | | |



















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:: 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)
	3x6mm (81257)
	3x10mm (4671)
	3x20mm (91737)
	4x5mm (25226)


Cap Head (shcs)

	1.6 x 5mm (91611)
--	-------------------

Flat Head (fhcs)

	2x3mm (91743)
	2.5x8mm (31472)
	3x5mm (31540)
	3x6mm (31541)
	3x8mm (25201)
	3x10mm (25202)
	3x12mm (25203)
	3x14mm (89208)
	3x16mm (25204)
	3x18mm (89209)








LP Socket Head (lp shcs)

	3x6mm (41089)
	3x8mm (41096)
	3x10mm (41090)
	3x22mm (41095)
	3x24mm (41097)







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)





Ball Bearings

	4x7x2.5mm (31732)
	5x8x2.5mm (31400)
	5x10x4mm (91560)
	5x10x4mm flanged (92324)
	5x12x4 (91567)
	10x15x4 (91563)
	12x18x4 (92544)

Ballstuds

	HD, short neck 4mm (32041)
	Ti HD, short neck 4mm (32095)
	HD, short neck 6mm (32042)
	Ti HD, short neck 6mm (32096)
	HD, short neck 8mm (32040)
	Ti HD, short neck 8mm (32097)
	HD 6mm (91047)
	Ti HD 6mm (91751)
	HD 8mm (91048)
	Ti HD 8mm (91752)
	HD 10mm (91049)
	Ti HD 10mm (91753)

Shims and Washers

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

Notes:

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Notes



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

x2

This symbol indicates the number of the same part that is required.

2

This symbol indicates the order within a step to assemble parts.



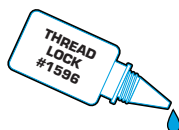
This symbol indicates there are optional FT parts available



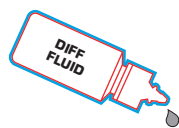
This symbol indicates a Racers Tip.



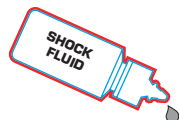
There is a 1:1 hardware foldout page in the front of the manual. To check the size of a part, line up your hardware with the correct drawing until you find the exact size. Each part in the foldout has a number assigned to it for ordering replacement parts.



This symbol indicates where Thread Lock Adhesive should be applied. *not included



This symbol indicates where Diff Fluid should be applied.



This symbol indicates where Shock Fluid should be applied.



This symbol indicates where FT Silicone Grease should be applied. *not included



This symbol indicates where FT Diff Lube should be applied. *not included

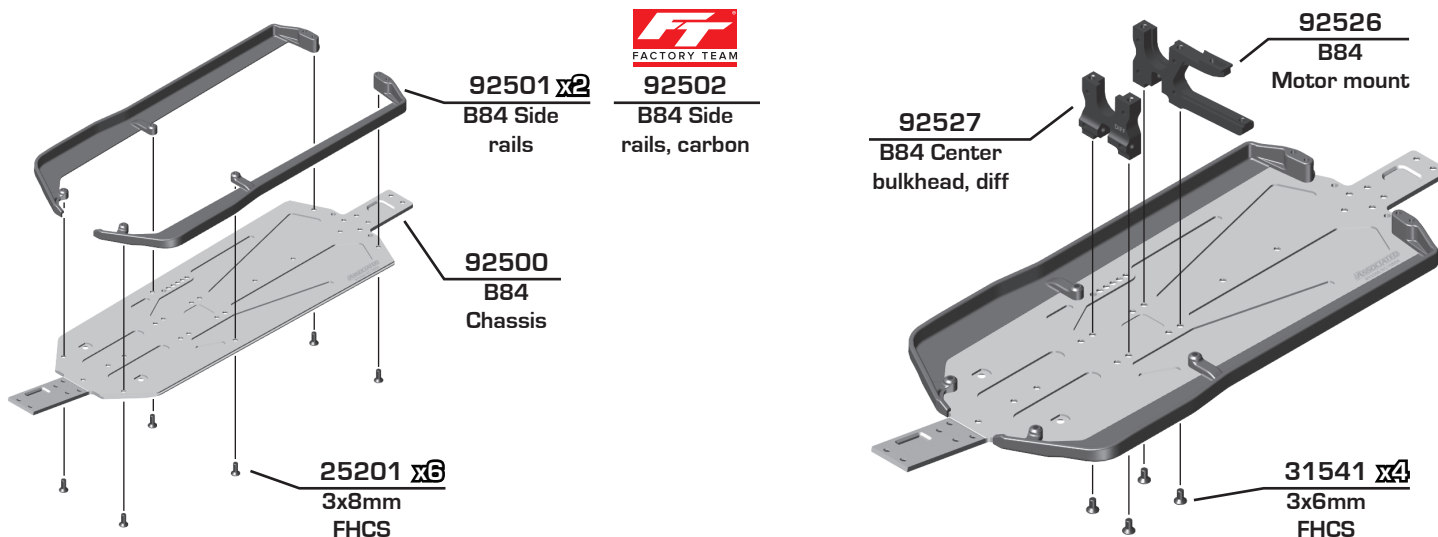


This symbol indicates where Black Grease should be applied.

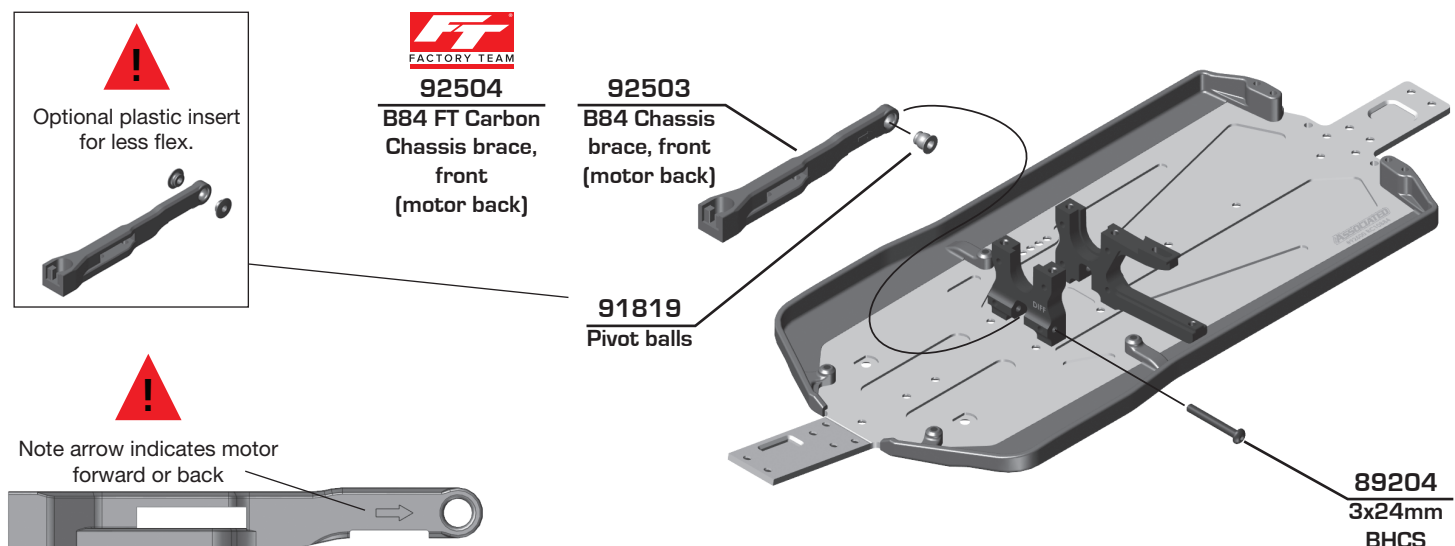


This symbol indicates where Green Slime can be applied. *not included

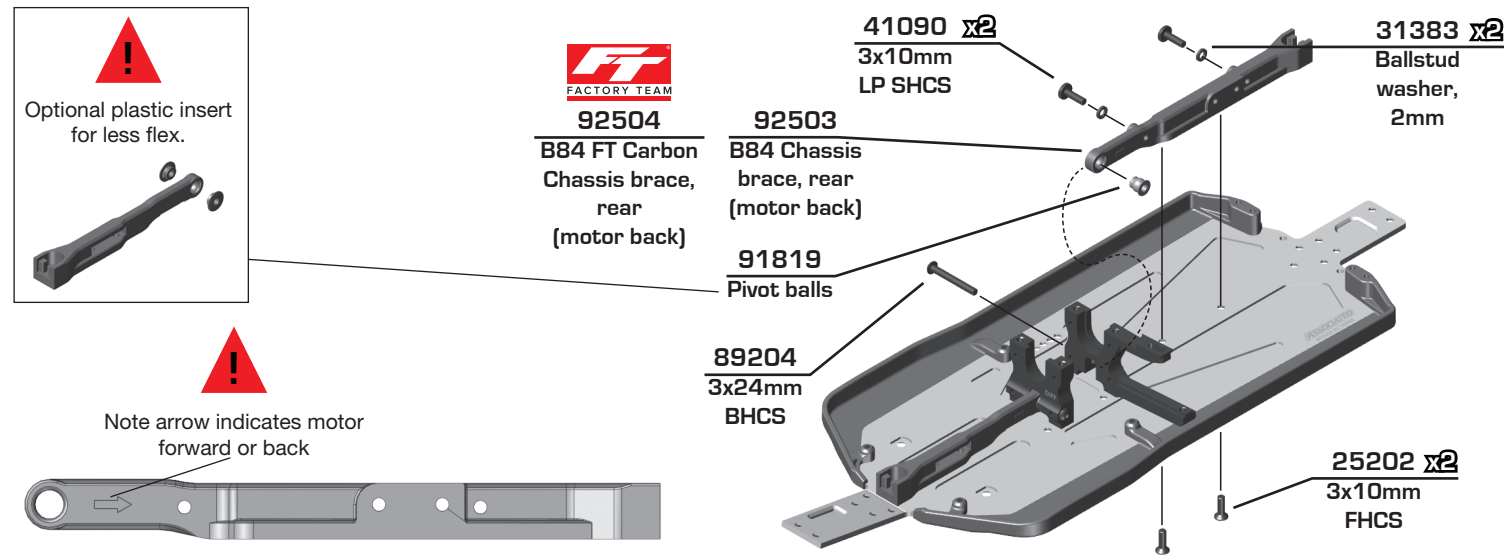
:: Bag 1 - Step 1



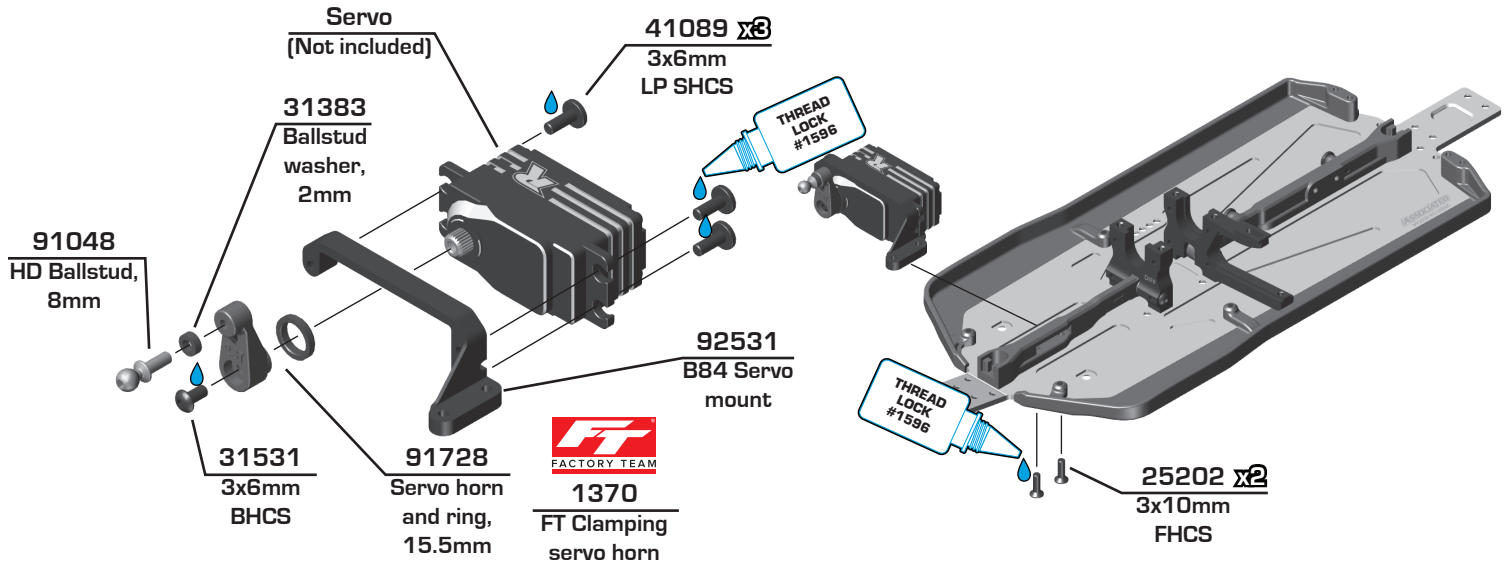
:: Bag 1 - Step 2



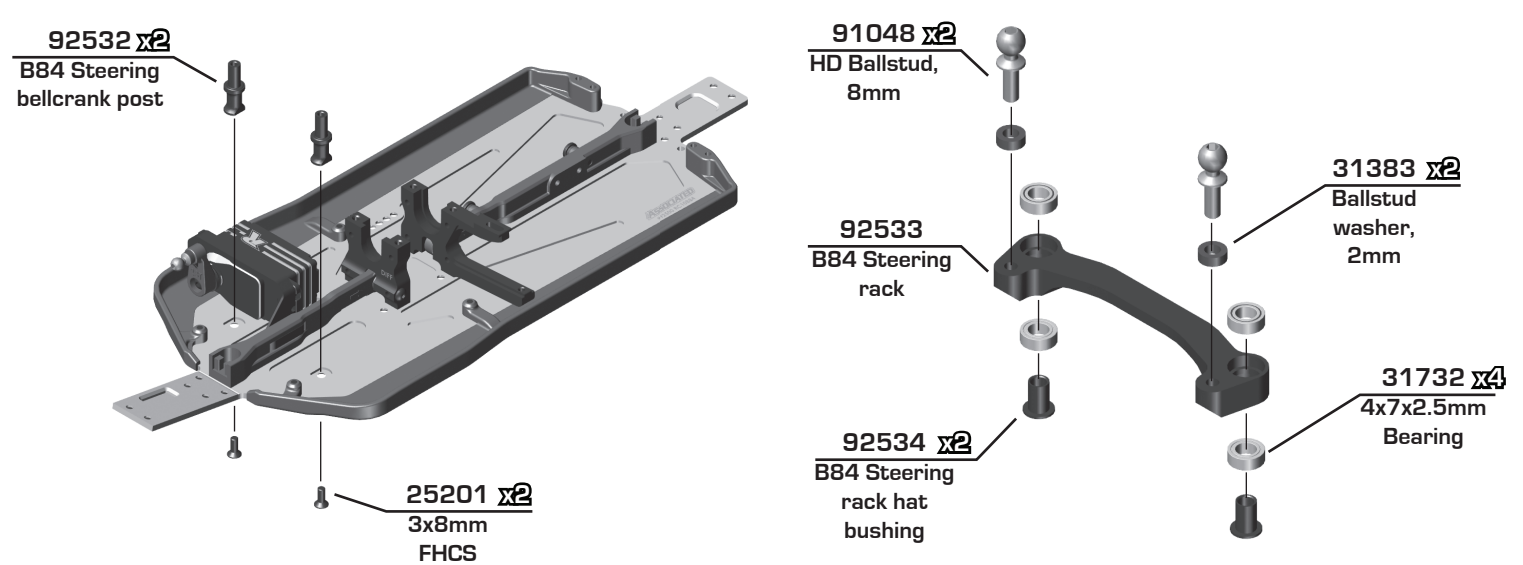
:: Bag 1 - Step 3



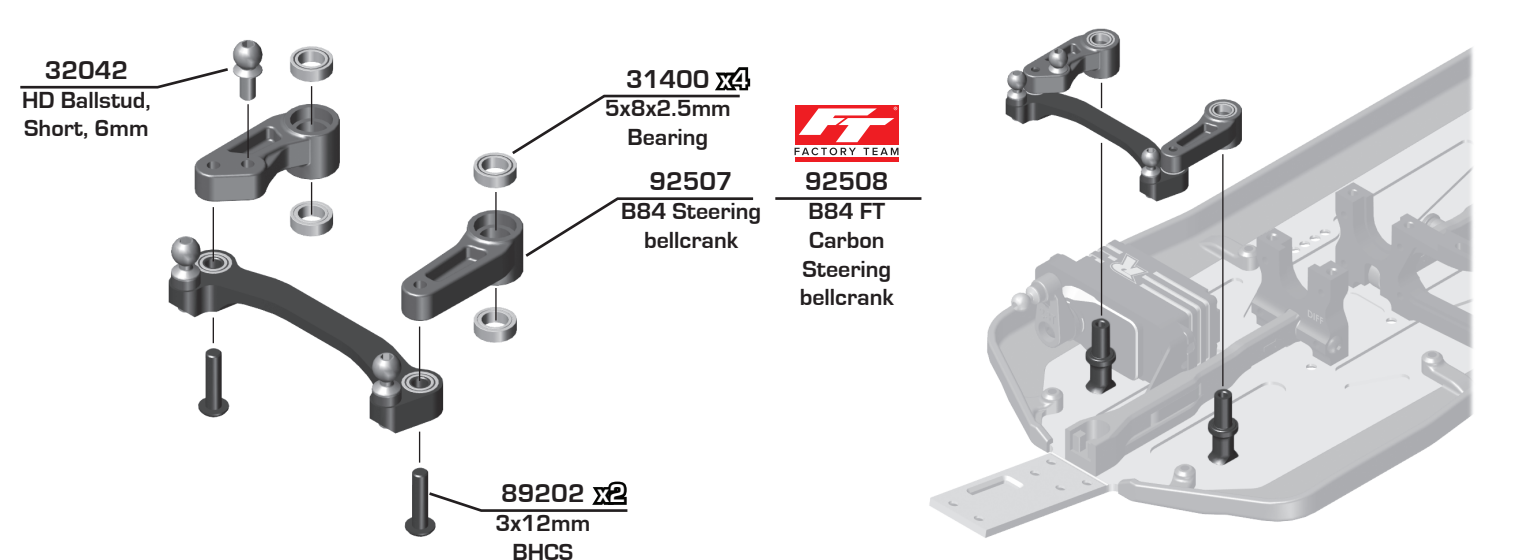
Bag 1 - Step 4



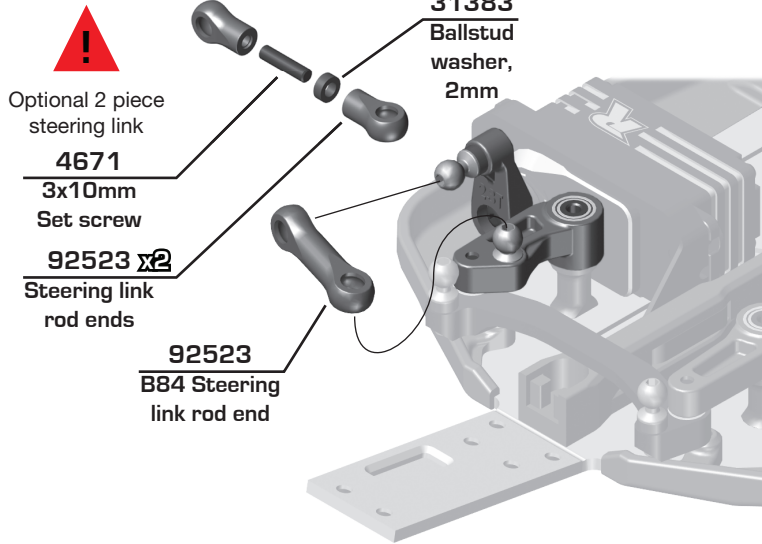
Bag 1 - Step 5



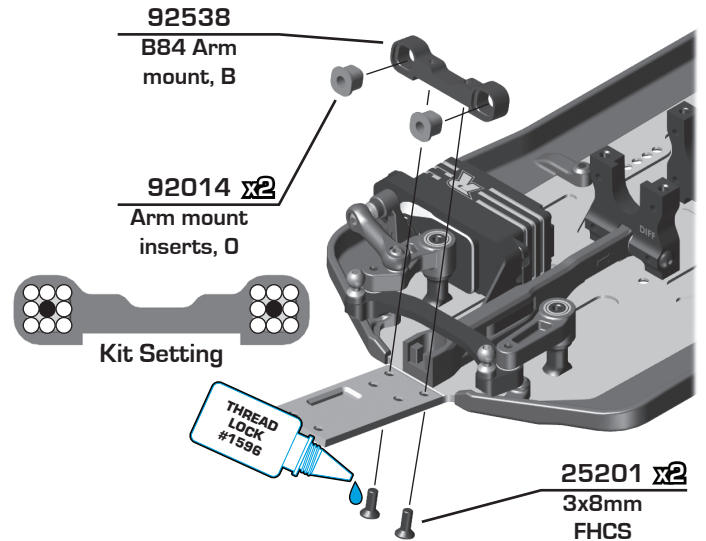
Bag 1 - Step 6



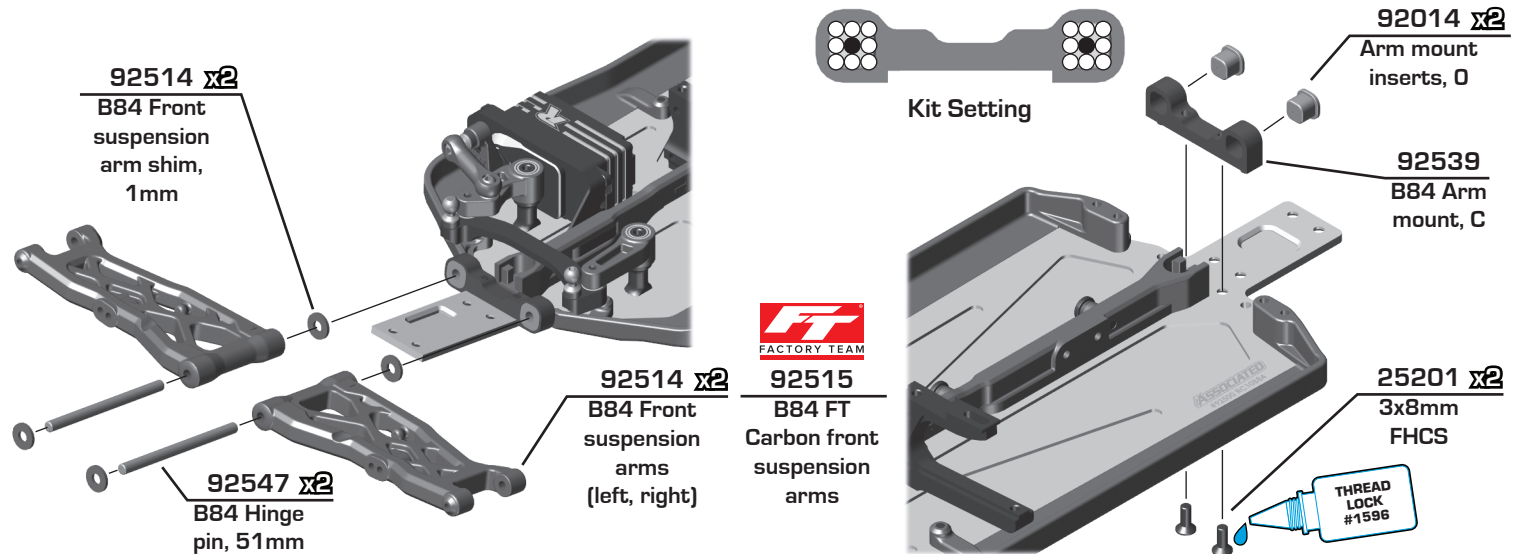
:: Bag 1 - Step 7



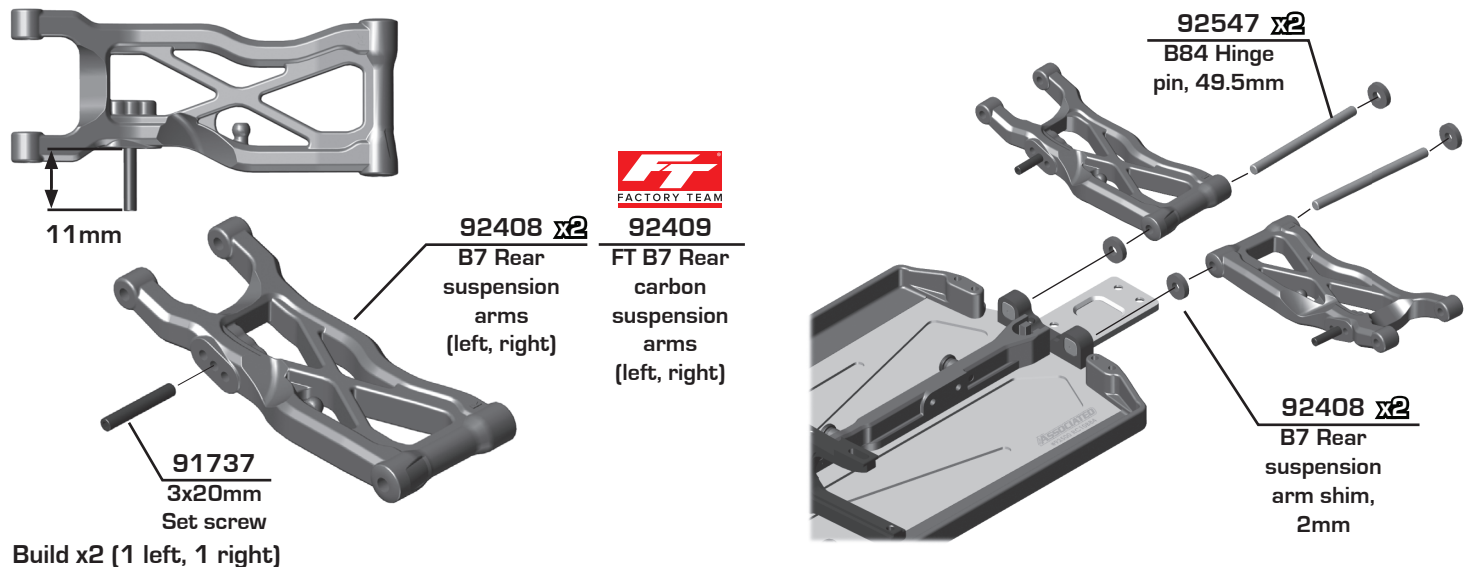
:: Bag 2 - Step 1



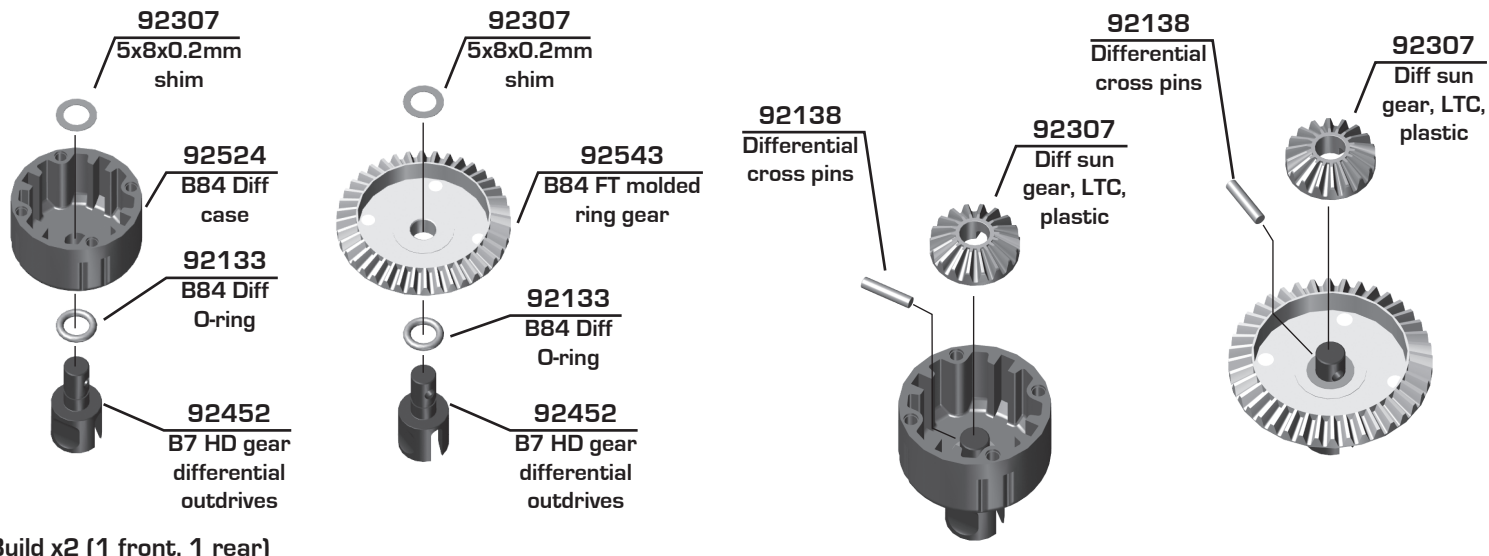
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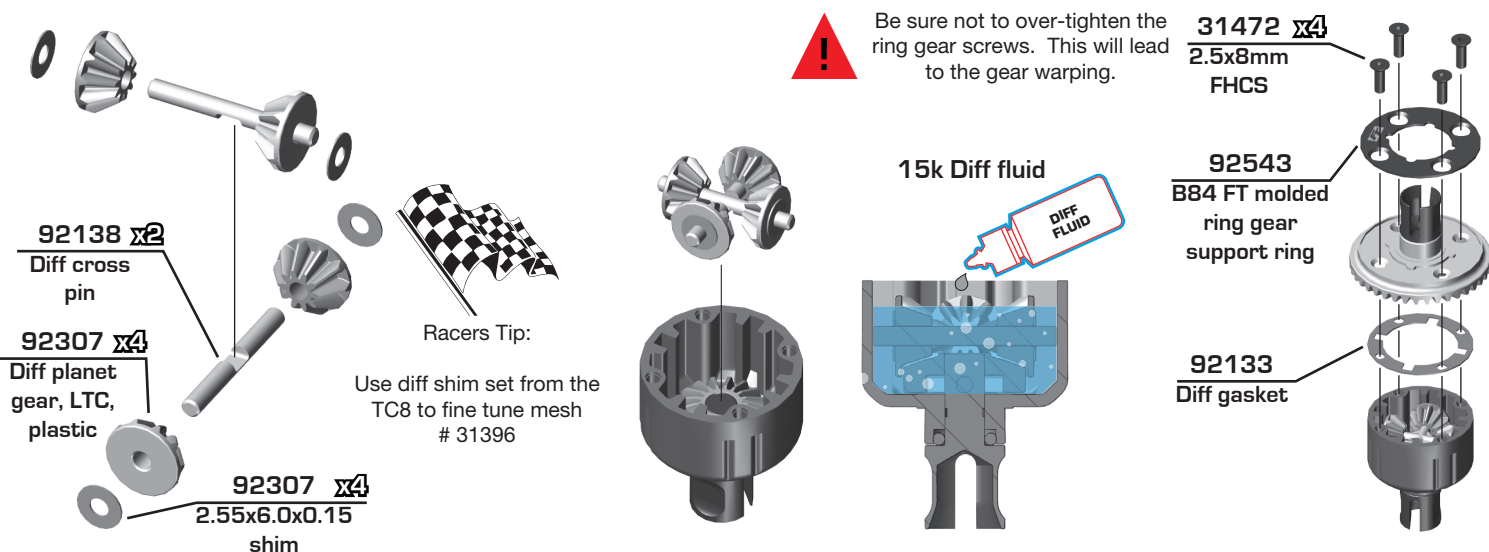
:: Bag 2 - Step 3



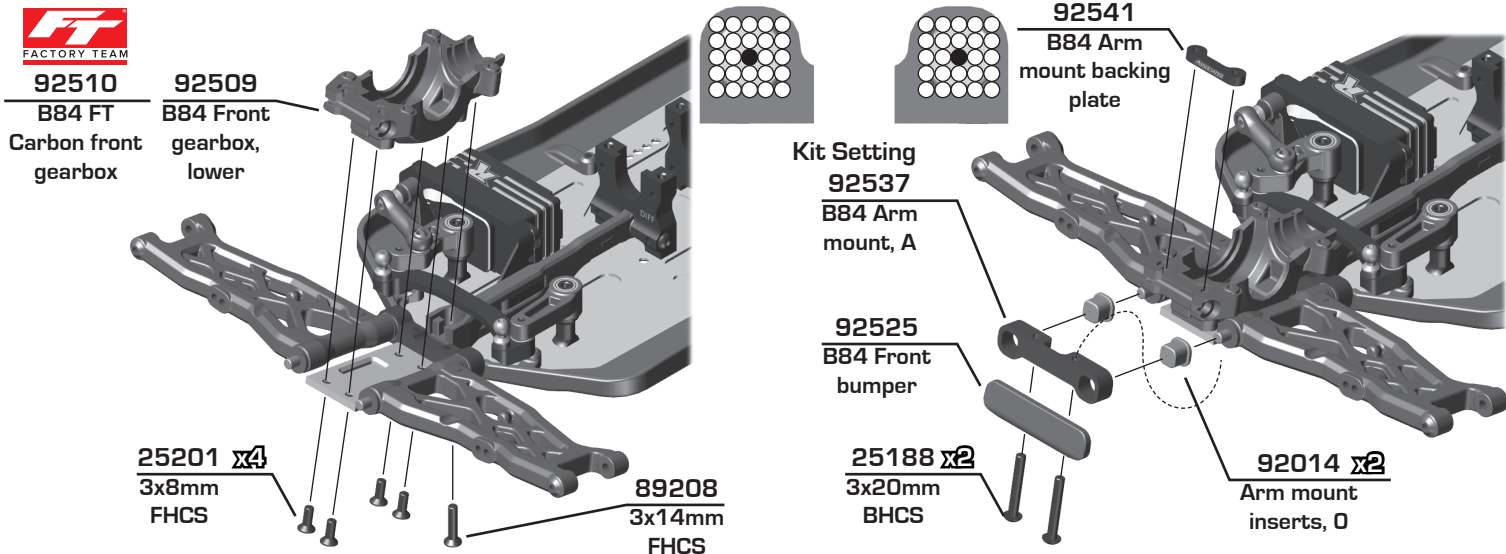
Bag 3 - Step 1



Bag 3 - Step 2



Bag 4 - Step 1



Bag 4 - Step 2



92264
FT CVA
cup, center,
aluminum

92215
Center CVA
input coupler

91438
CVA barrel

BLACK GREASE
#9588

92218
Center CVA
bones, 64mm

91438
CVA pin



92372
FT Lightweight
driveline center
kt

92324 x2
5x10x4mm
flanged
bearing

92216
CVA cup, center,
aluminum

92513
B84 Diff pinion
height insert,
0

92543
B84 Pinion
gear, molded

Number shown on the
side of the insert after
insertion should match the
diff height desired.
Kit setup: "0"

Bag 4 - Step 3

25226
4x5mm
Set screw

THREAD
LOCK
#1596

92143
Diff pinion
gear shim

Bag 4 - Step 4

92139 x2
Diff outdrive
shims

91563 x2
10x15x4mm
bearing

92513 x2
B84 Diff
height inserts,
(kit setting 0)



92510
B84 FT
Carbon front
gearbox

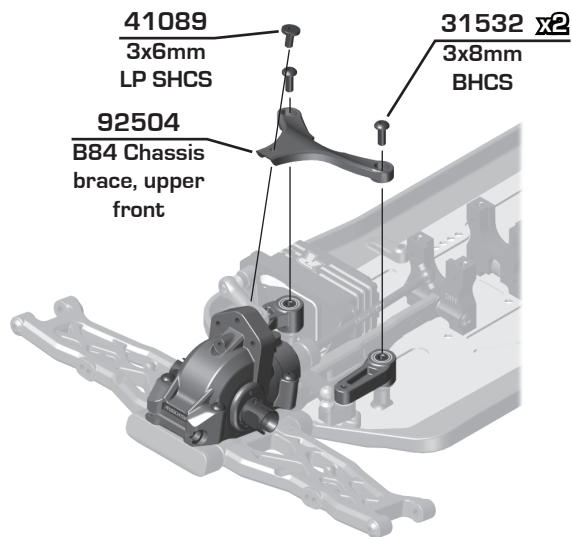
89202 x4
3x12mm
BHCS

92509
B84 Front
gearbox,
upper

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.

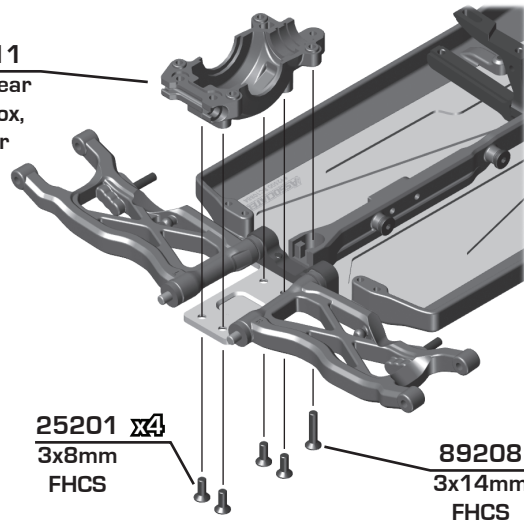
Take extra care not to strip these screw holes out. Stripping the plastic will result in premature failure.

Bag 4 - Step 5



92512
B84 FT
Carbon rear
gearbox

92511
B84 Rear
gearbox,
lower



Bag 4 - Step 6



Kit Setting

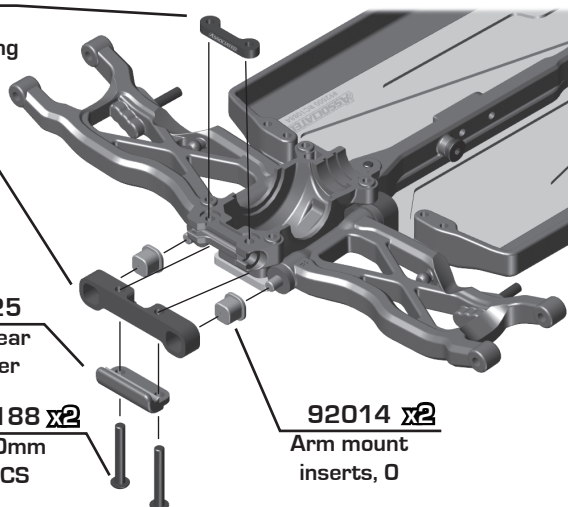
92541
B84 Arm
mount backing
plate

92540
B84 Arm
mount, D

92525
B84 Rear
bumper

25188 x2
3x20mm
BHCS

92014 x2
Arm mount
inserts, D



Bag 4 - Step 7



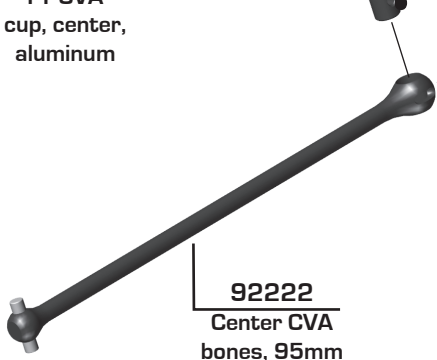
92264
FT CVA
cup, center,
aluminum

91438
CVA barrel



92215
Center CVA
input coupler

91438
CVA pin



92216
CVA cup, center,
aluminum

92324 x2
5x10x4mm
flanged
bearing

92543
B84 Pinion
gear, molded

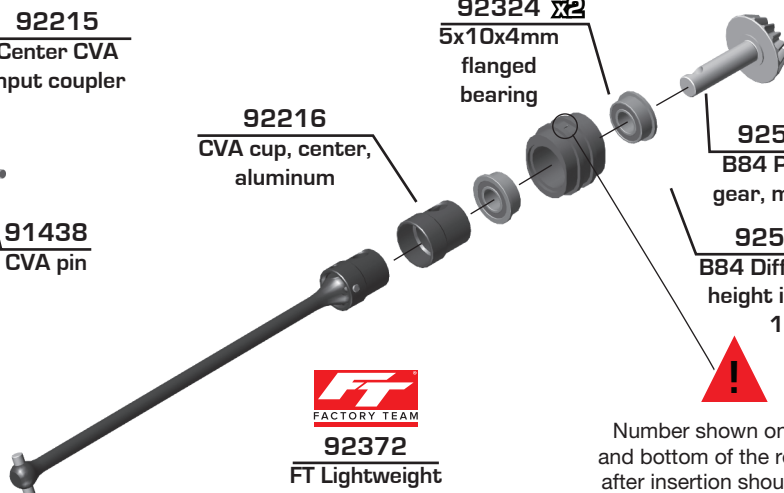
92513
B84 Diff pinion
height insert,
1



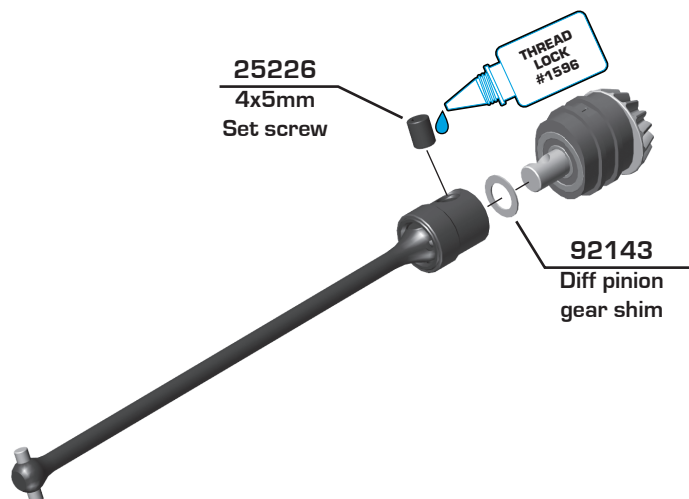
Number shown on the top
and bottom of the rear insert
after insertion should match
the diff height desired.
Kit setup: "1"



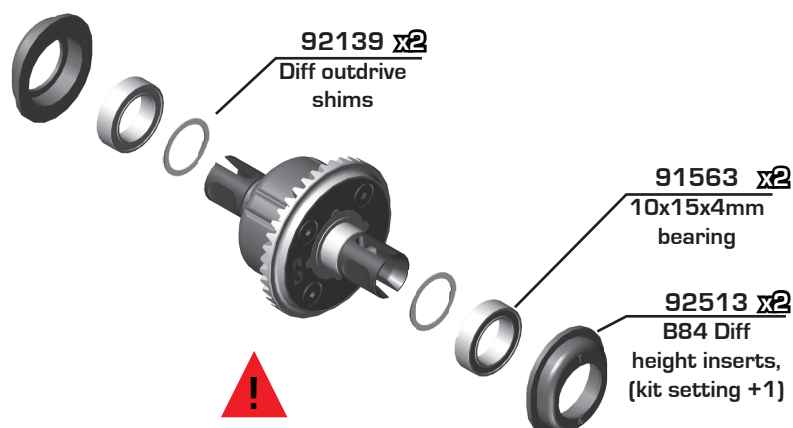
92372
FT Lightweight
driveline center
kt



:: Bag 4 - Step 8



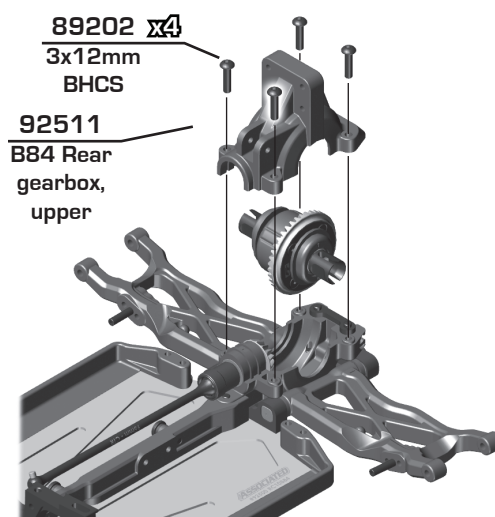
:: Bag 4 - Step 9



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.

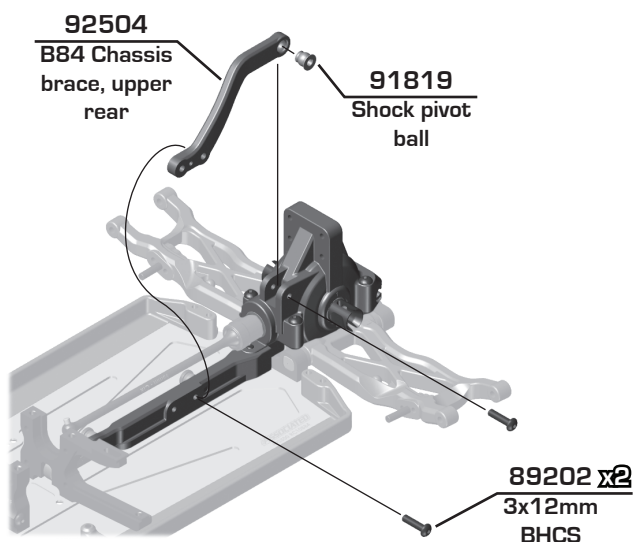


92512
B84 FT
Carbon rear
gearbox

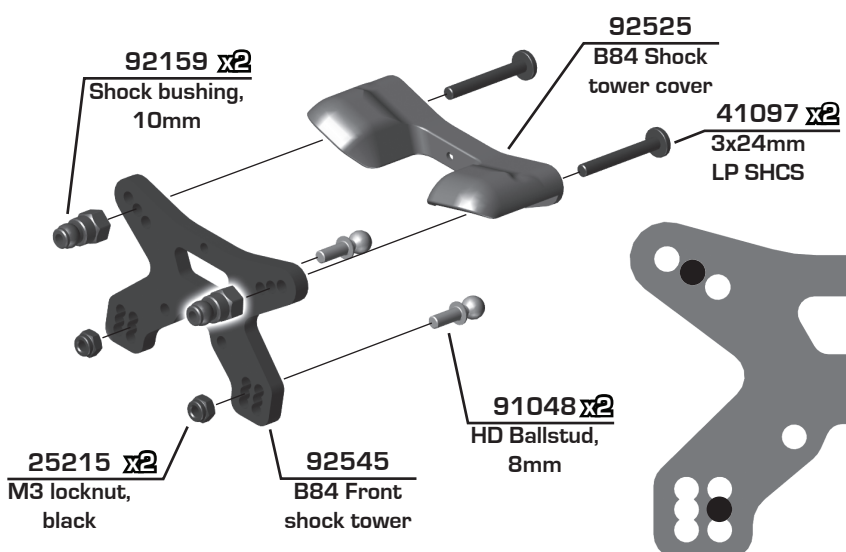


Take extra care not to strip these screw holes out. Stripping the plastic will result in premature failure.

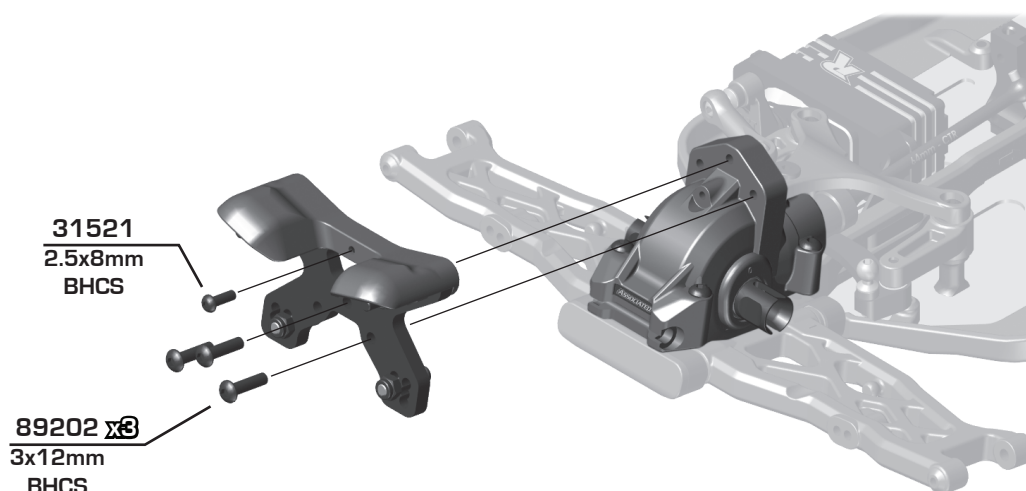
:: Bag 4 - Step 10



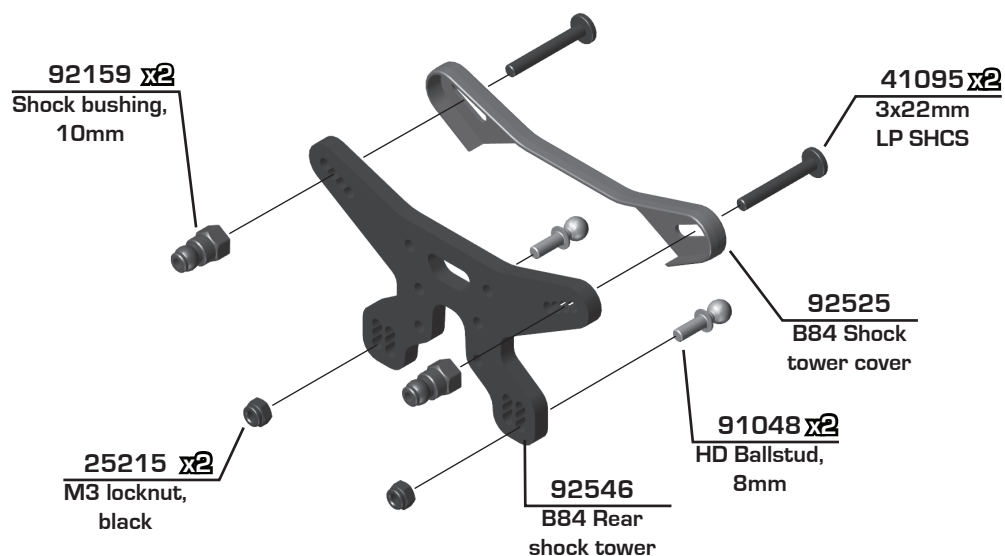
:: Bag 5 - Step 1



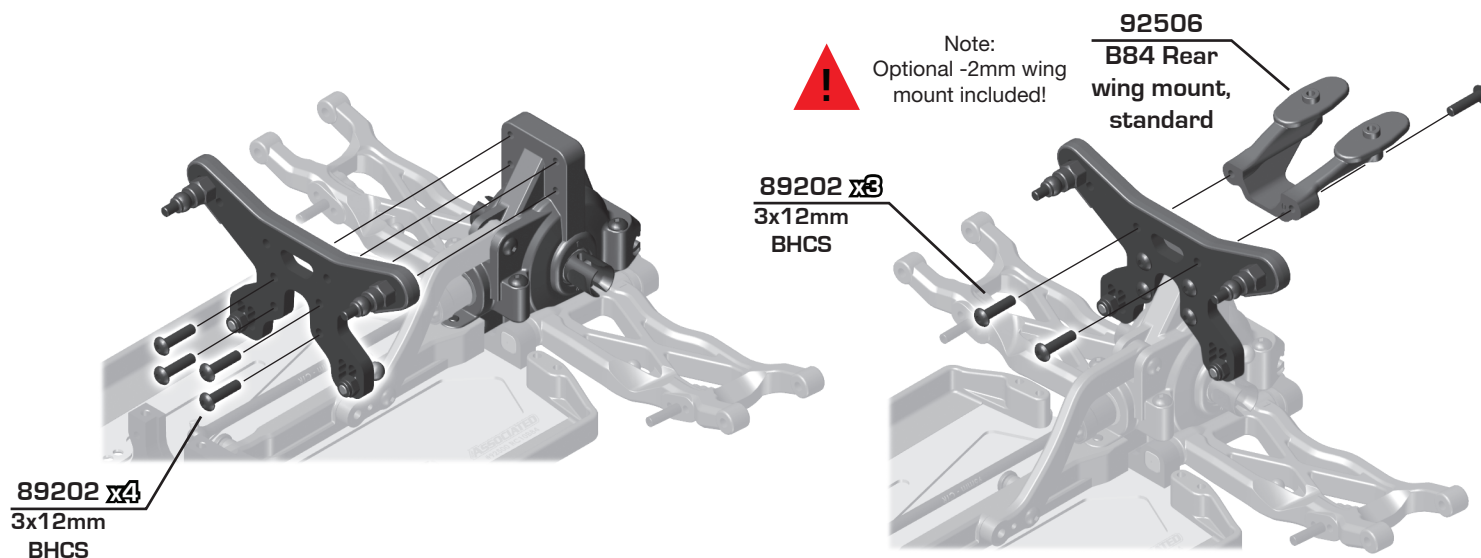
:: Bag 5 - Step 2



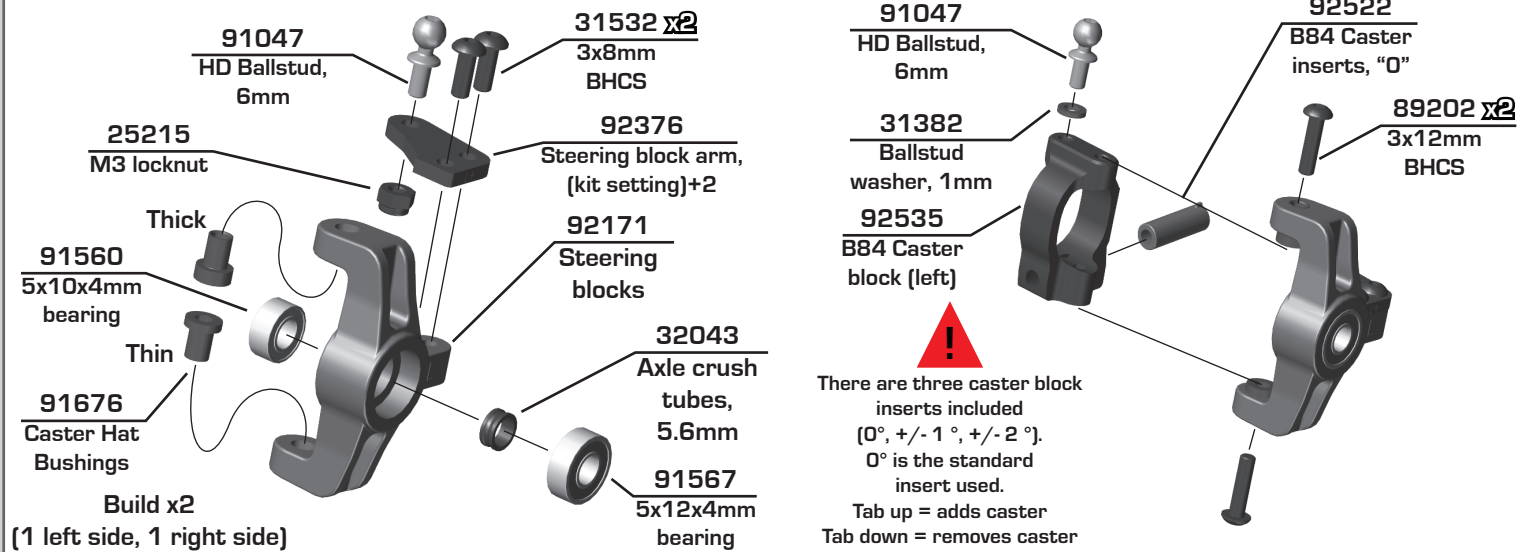
:: Bag 5 - Step 3



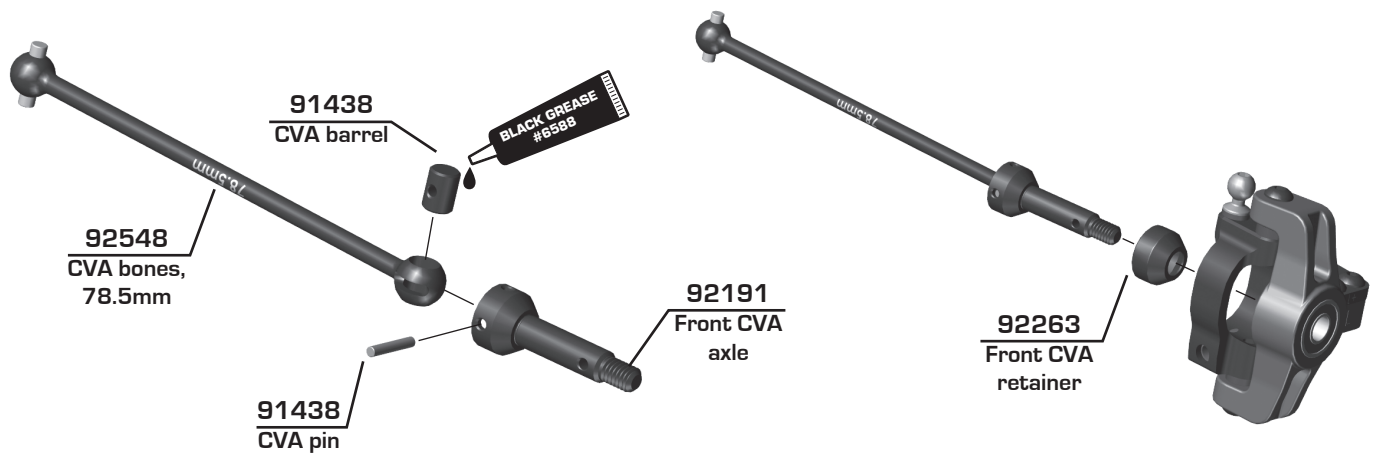
:: Bag 5 - Step 4



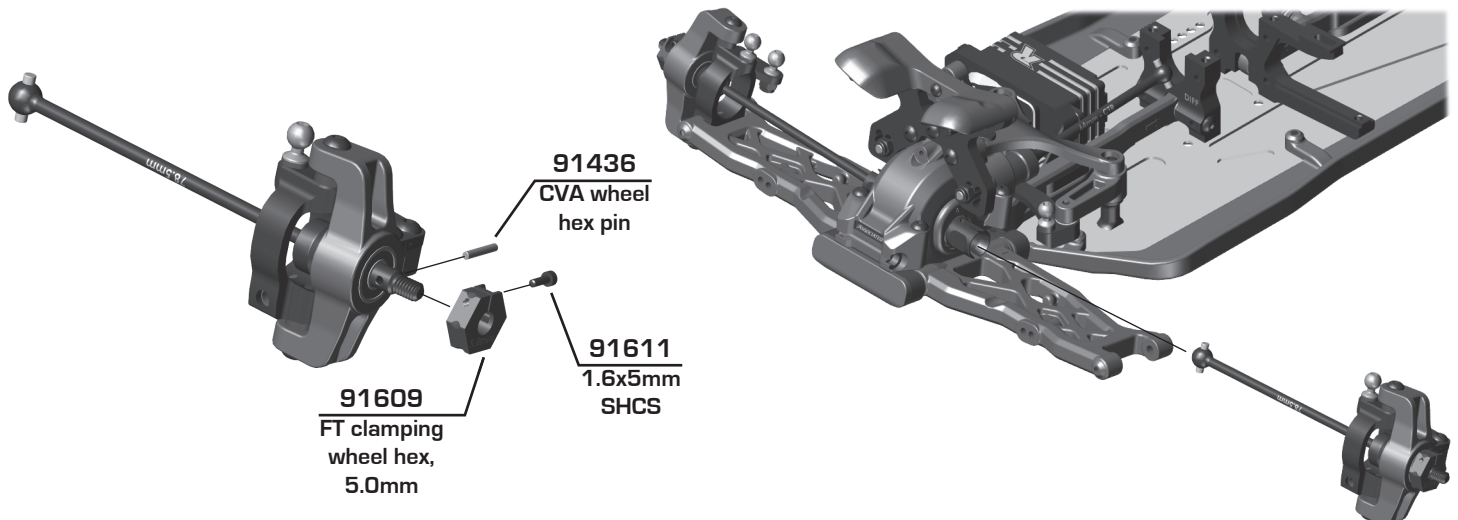
Bag 6 - Step 1



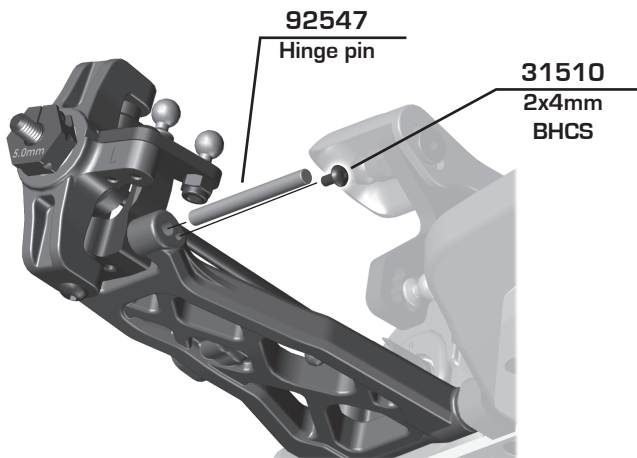
Bag 6 - Step 2



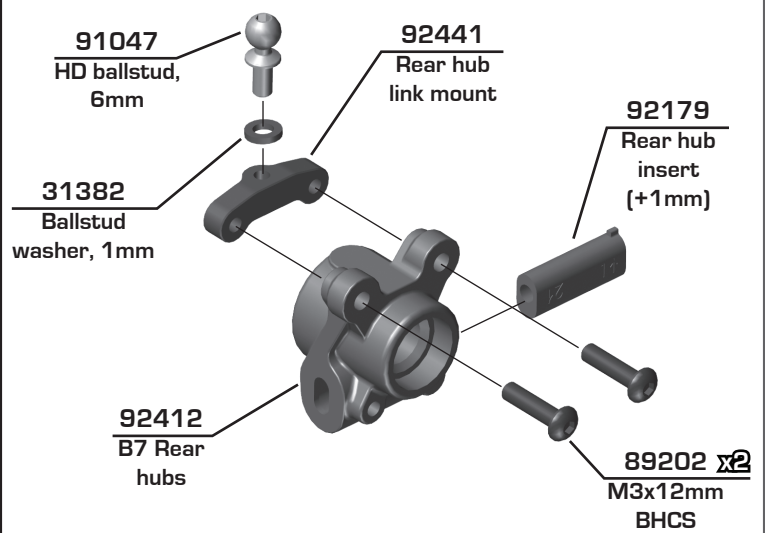
Bag 6 - Step 3



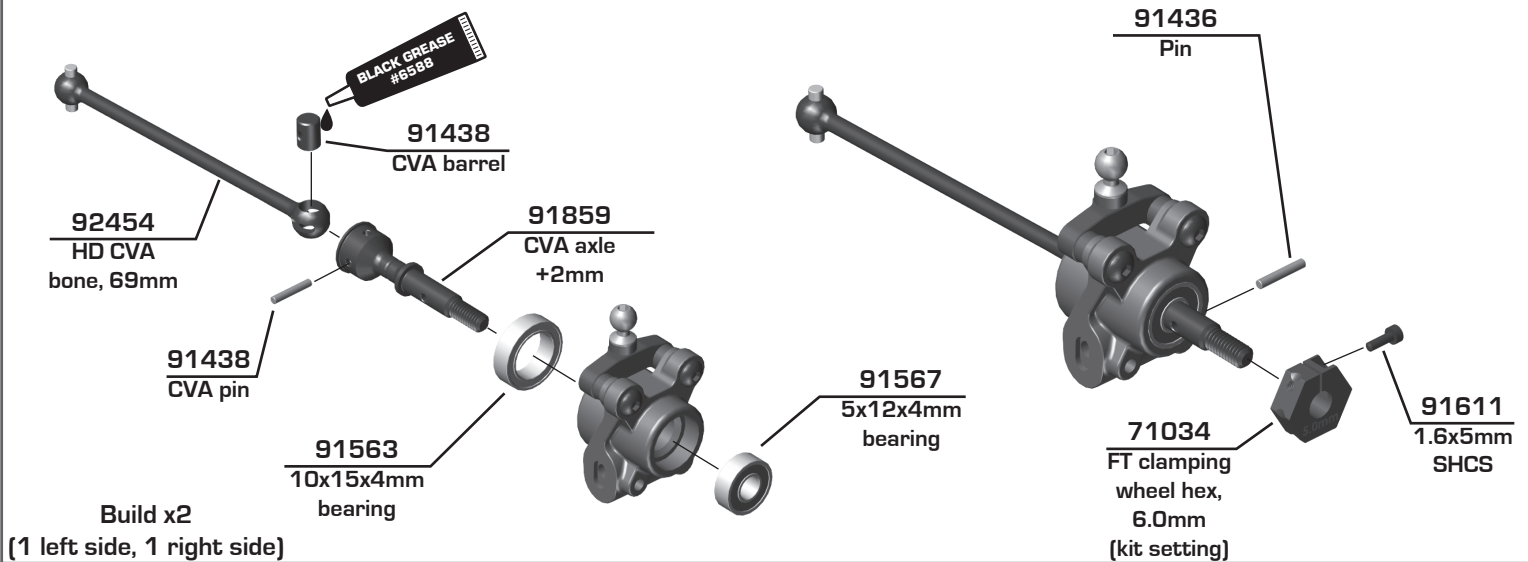
:: Bag 6 - Step 4



:: Bag 7 - Step 1

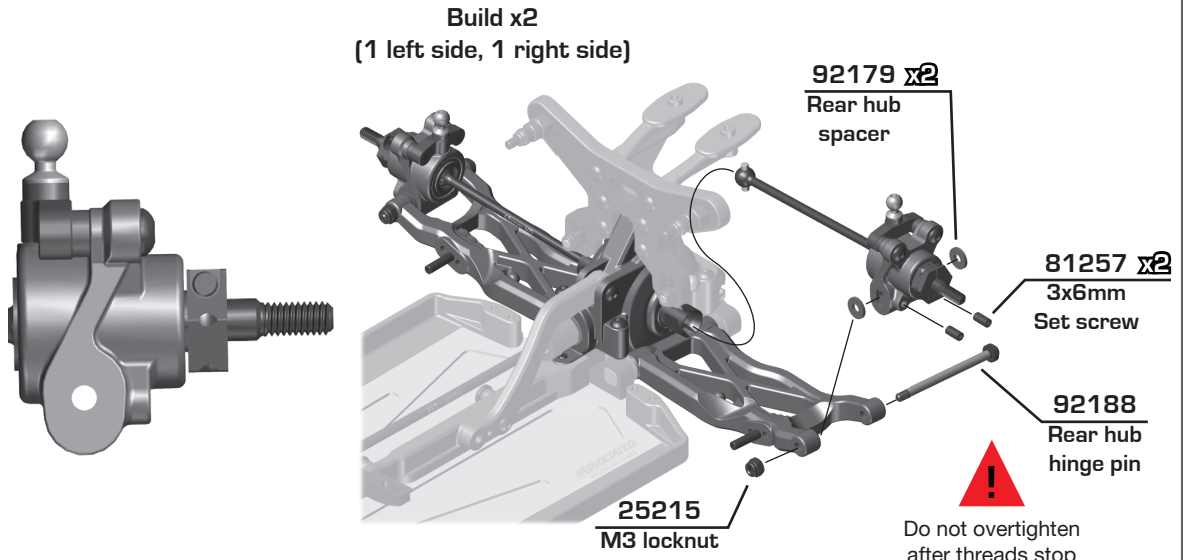


:: Bag 7 - Step 2

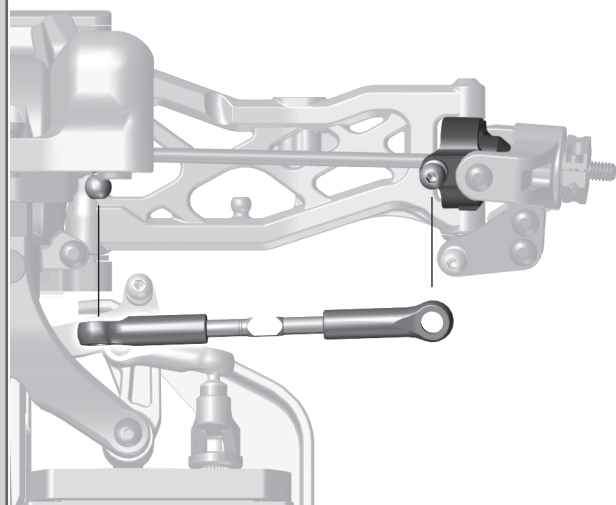


:: Bag 7 - Step 3

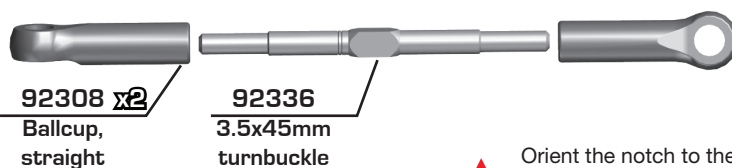
Rear Axle Height			
	↓ 0	3 ↑	+3mm
	↓ 1	2 ↑	+2mm
	↑ 1	2 ↓	+1mm
	↑ 0	3 ↓	+0mm



:: Bag 8 - Step 1



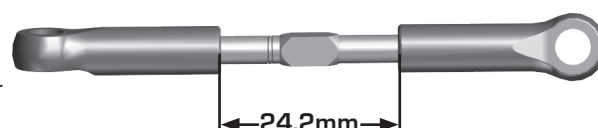
Build x2 (1 left side, 1 right side)



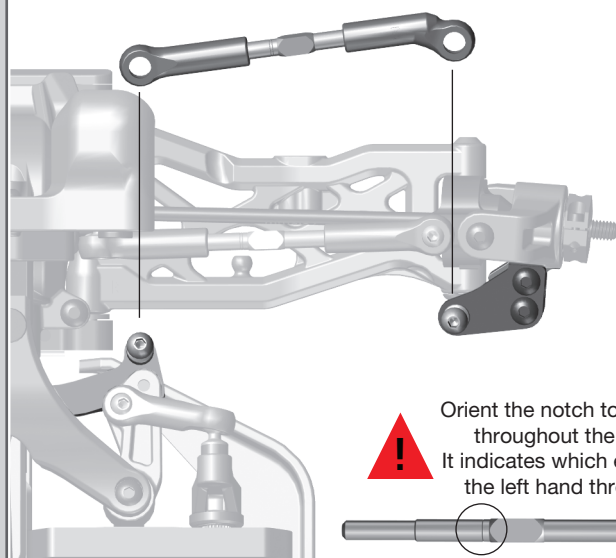
! Orient the notch to the left throughout the car. It indicates which end has the left hand threads!



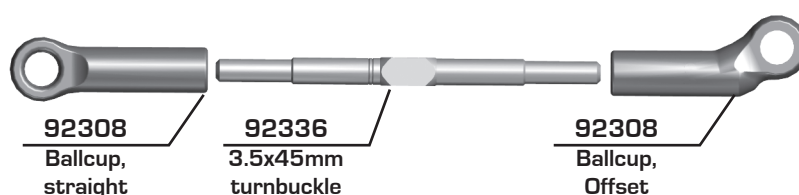
! Note:
All turnbuckle inner
measurements are
approximate.



:: Bag 8 - Step 2



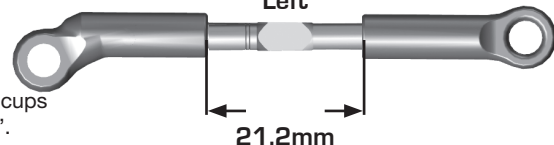
! Orient the notch to the left throughout the car. It indicates which end has the left hand threads!



Right



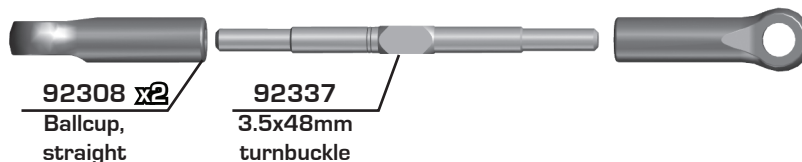
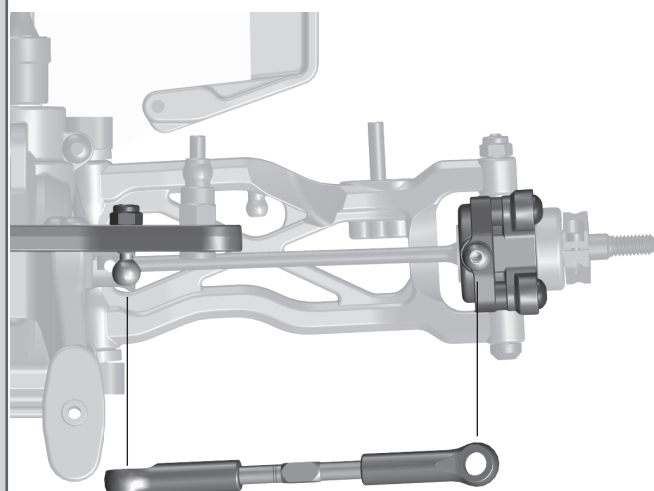
Left



! There is two offset ballcups labeled "1" and "2". The ballcup labeled "1" goes on the left side of the car.

Build x2 (1 left side, 1 right side)

:: Bag 8 - Step 3

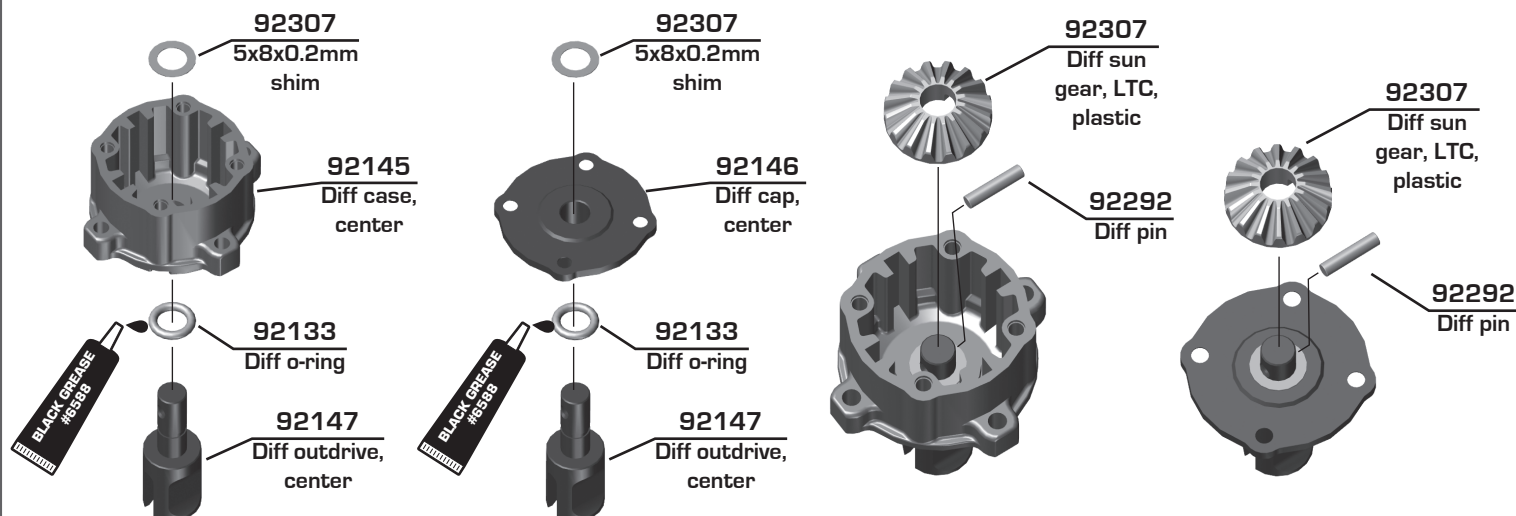


Build x2 (1 left side, 1 right side)

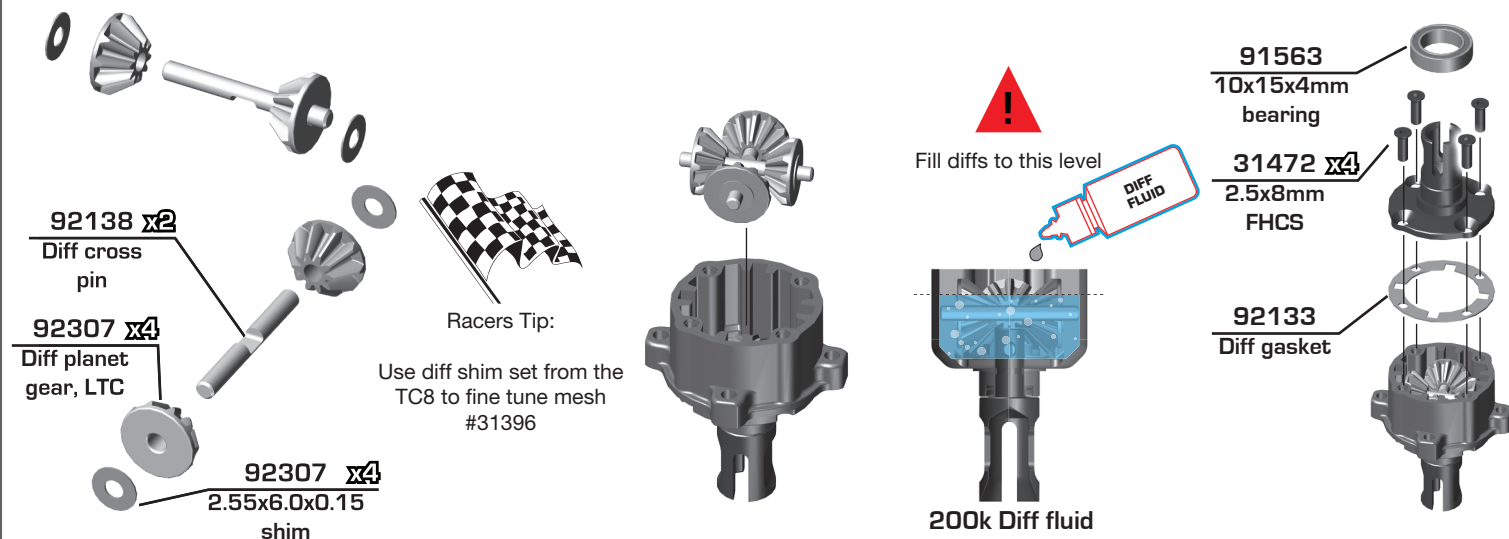
! Orient the notch to the left throughout the car. It indicates which end has the left hand threads!



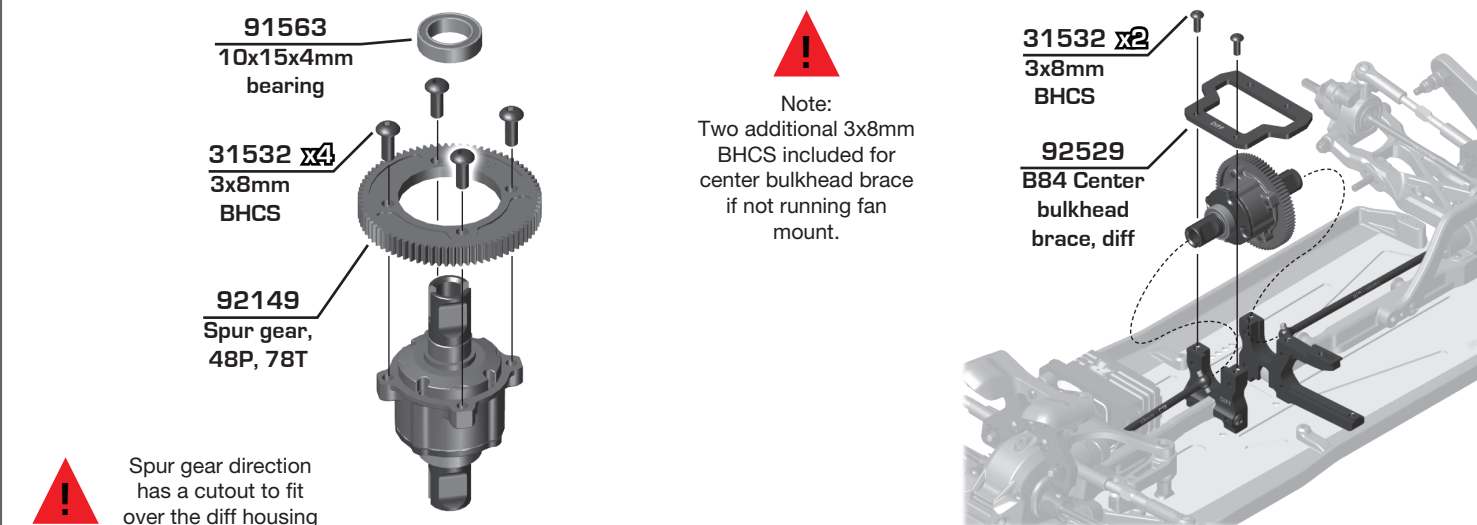
:: Bag 9 - Step 1



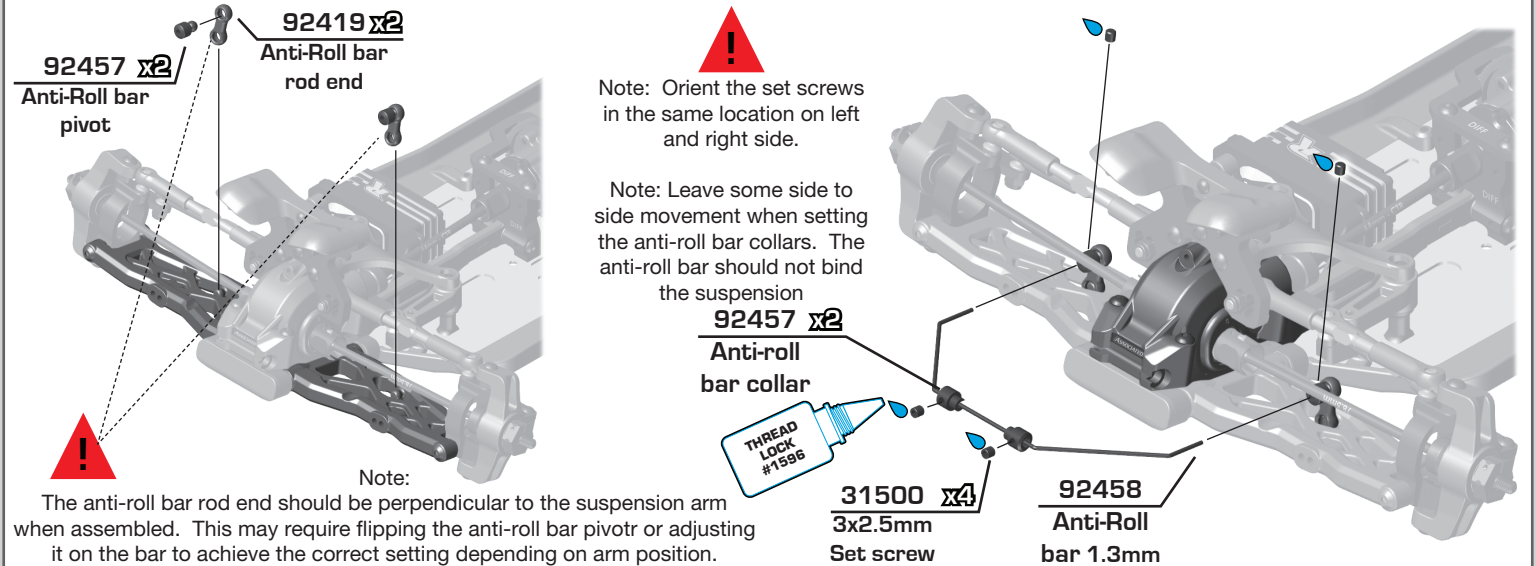
:: Bag 9 - Step 2



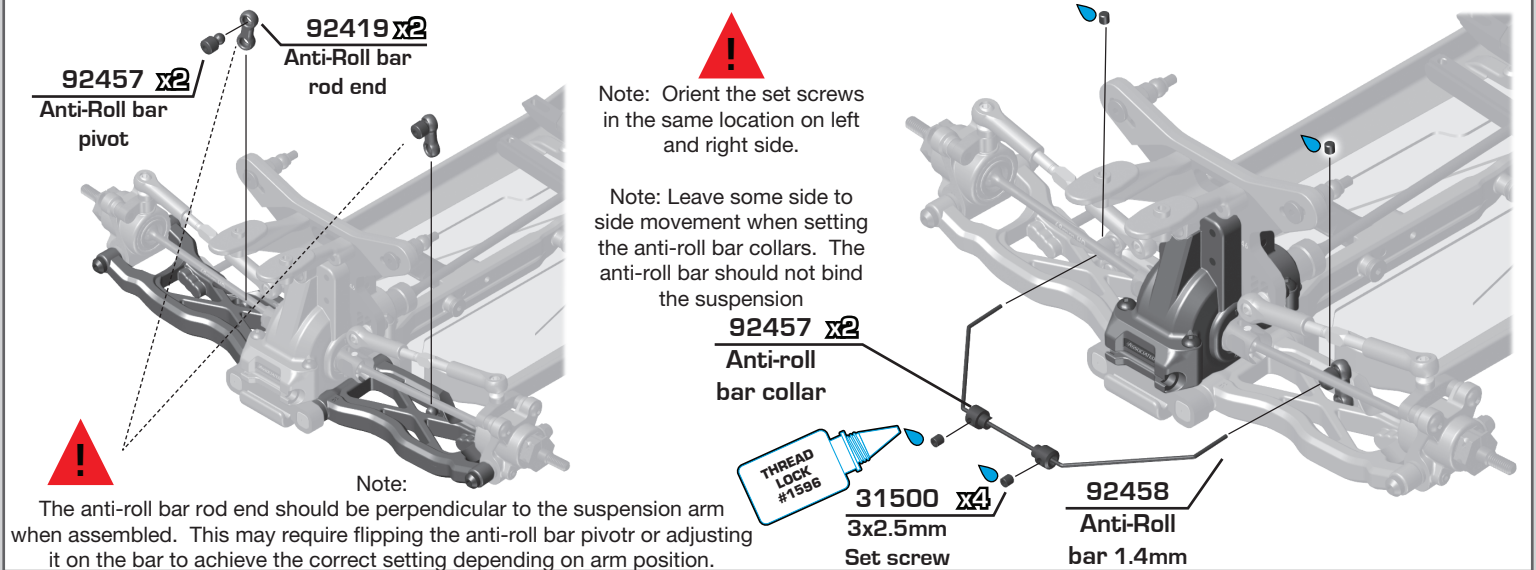
:: Bag 9 - Step 3



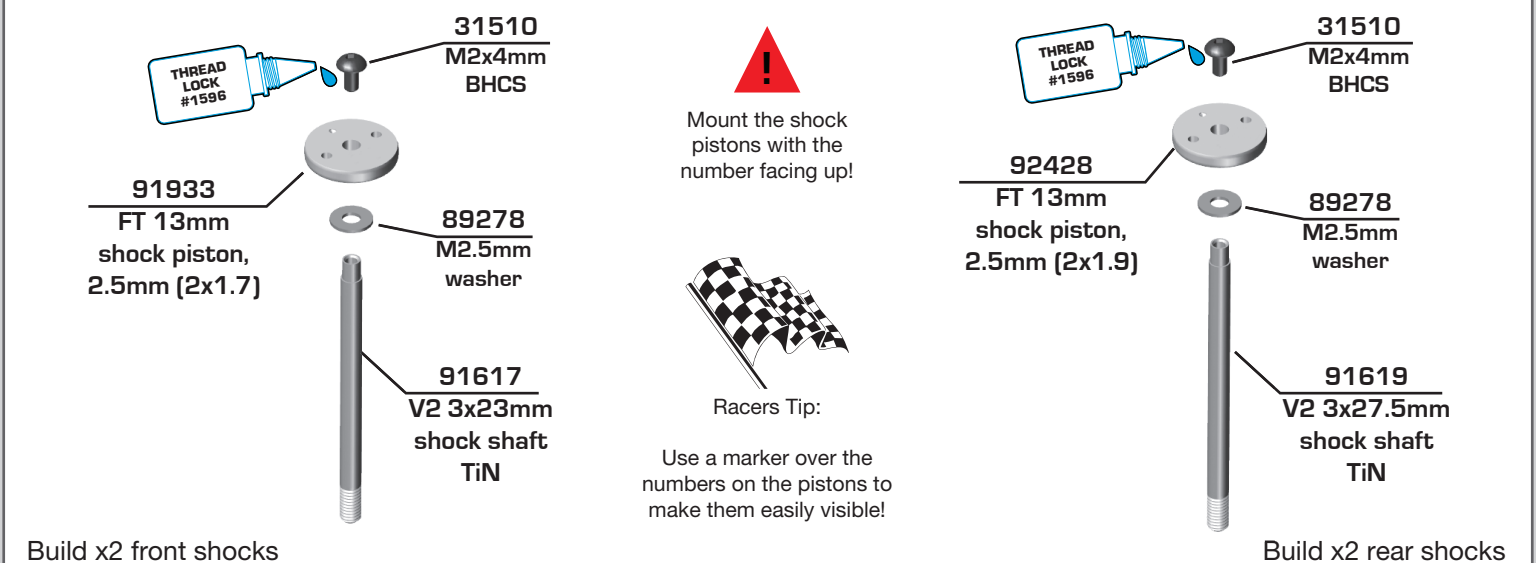
:: Bag 10 - Step 1



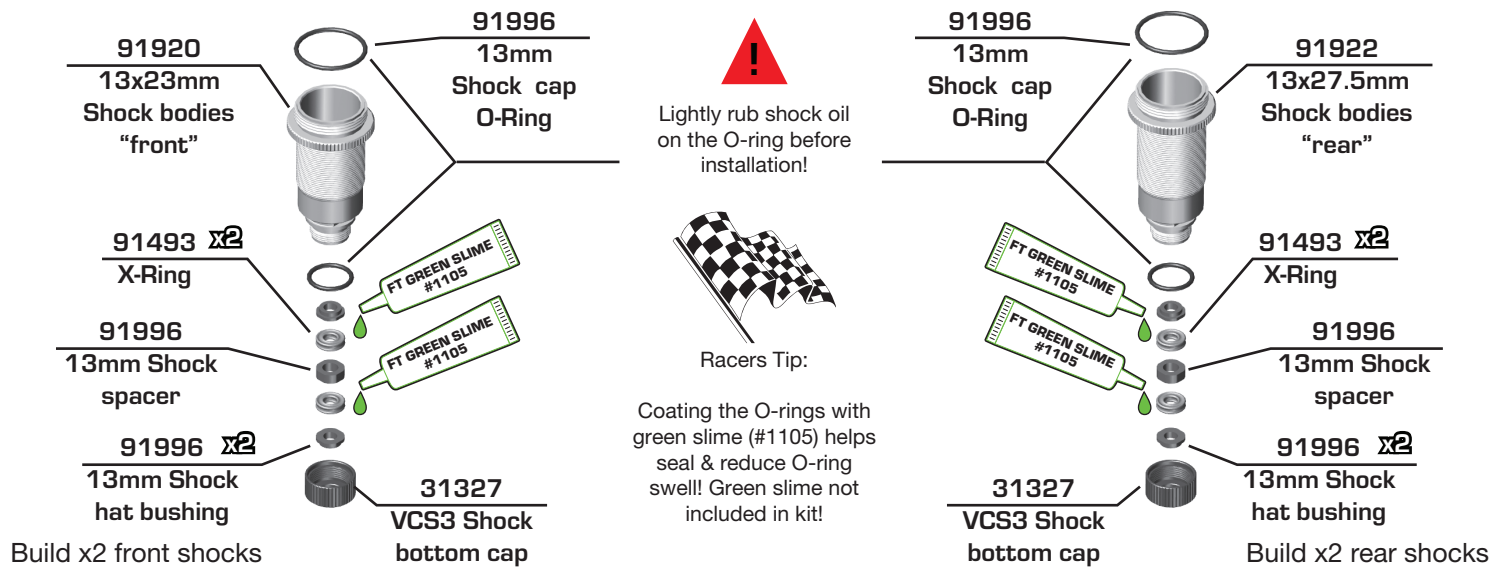
:: Bag 10 - Step 2



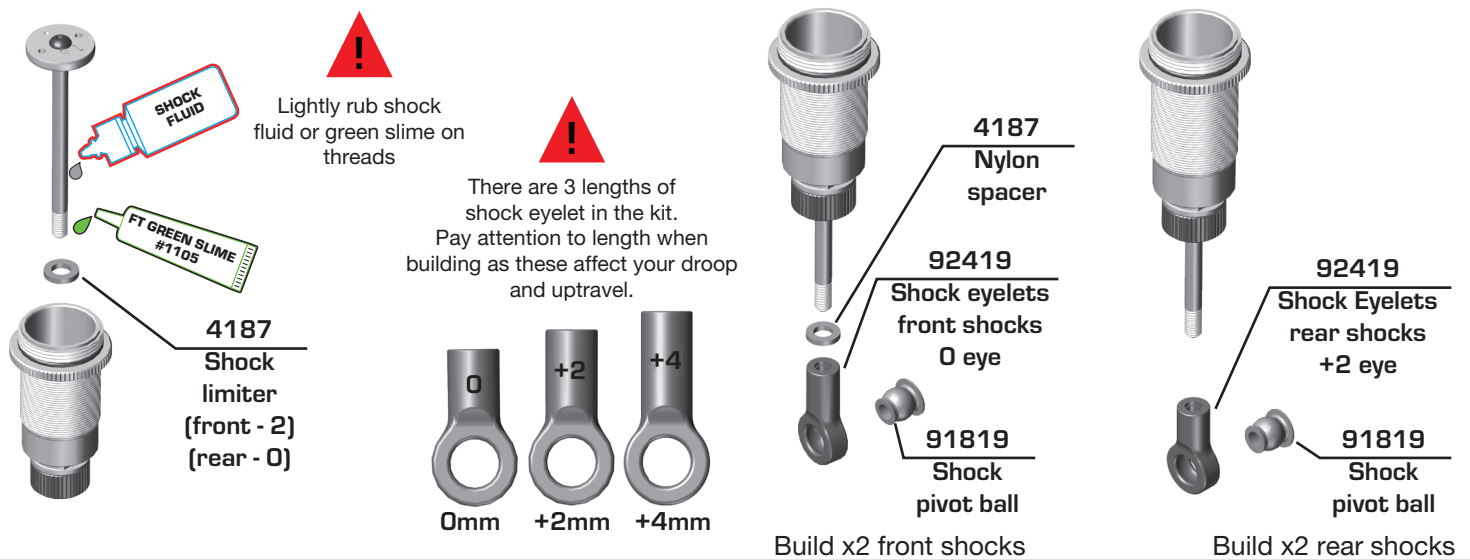
:: Bag 11 - Step 1



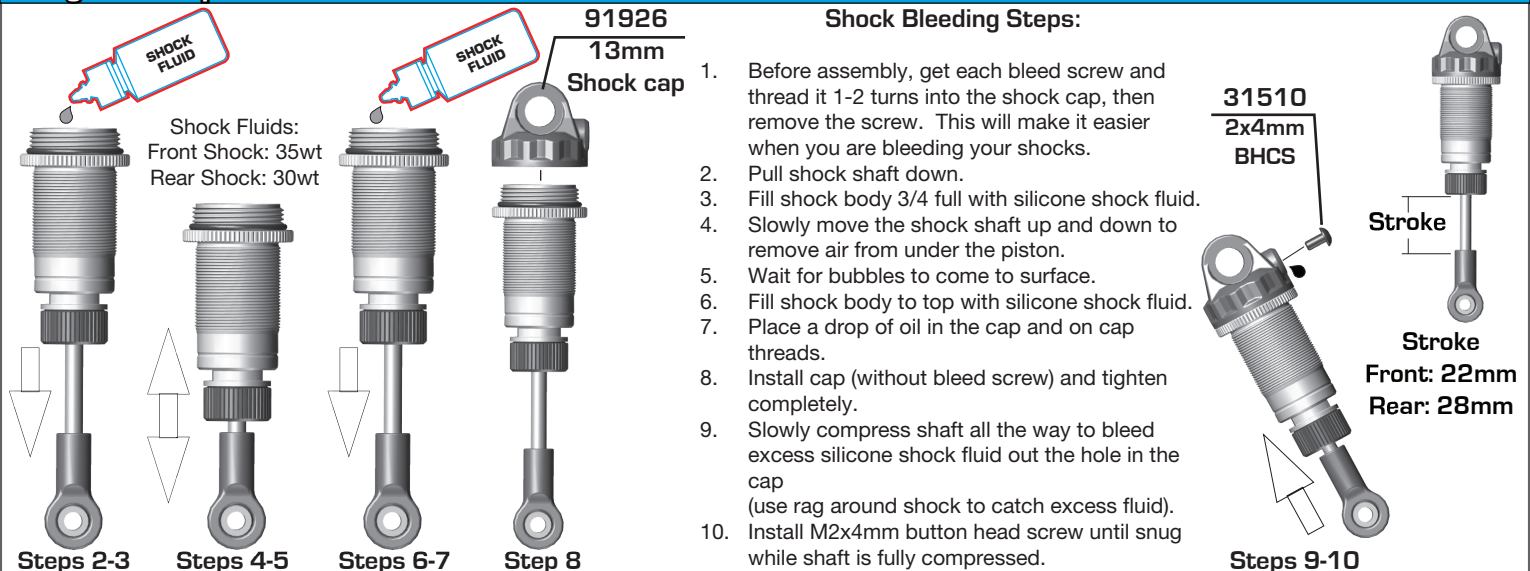
Bag 11 - Step 2



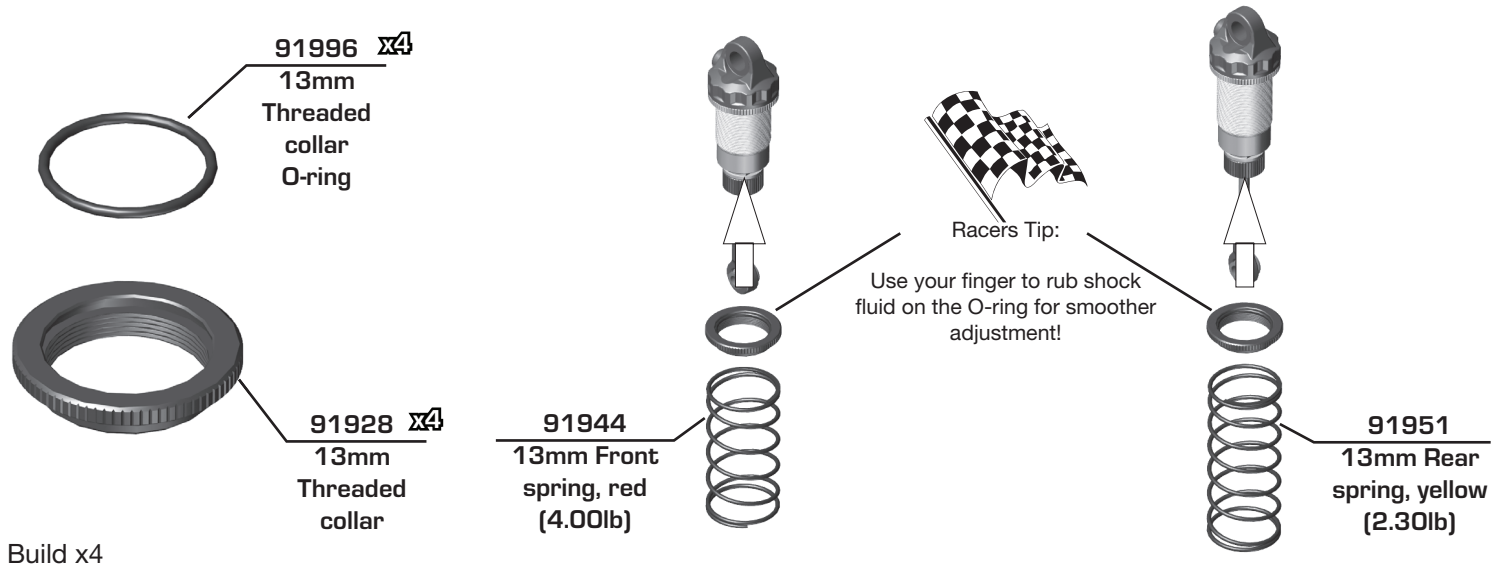
Bag 11 - Step 3



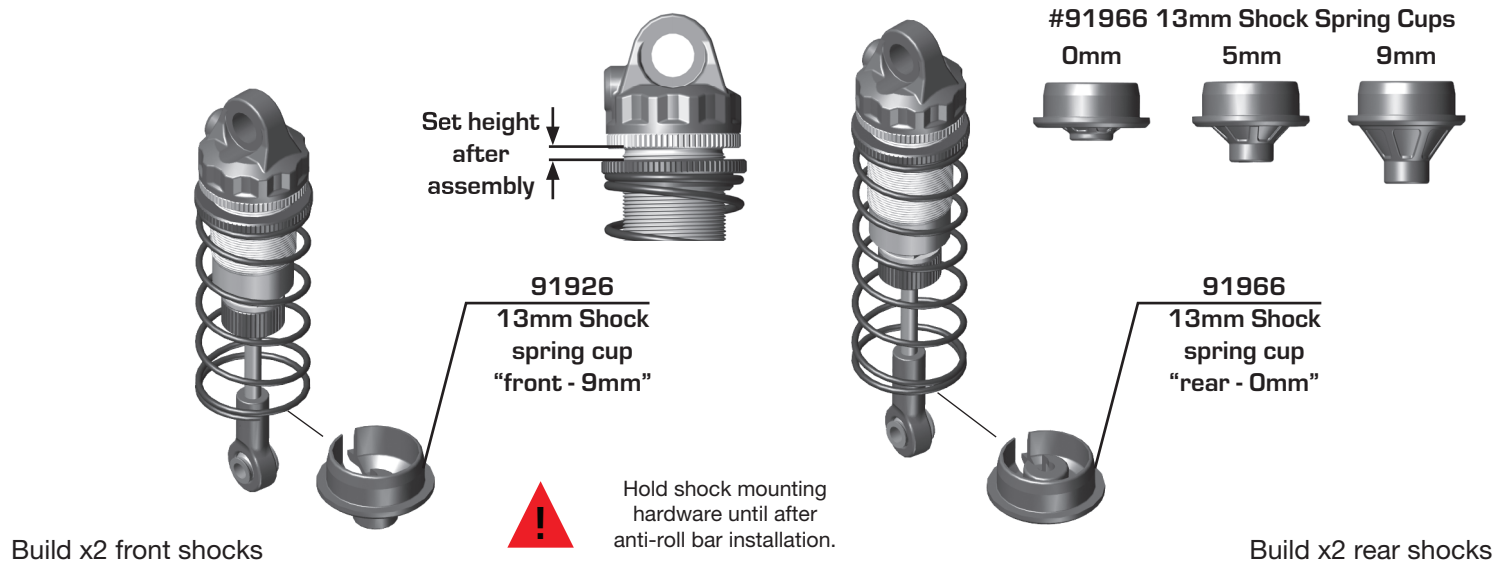
Bag 11 - Step 4



:: Bag 11 - Step 5

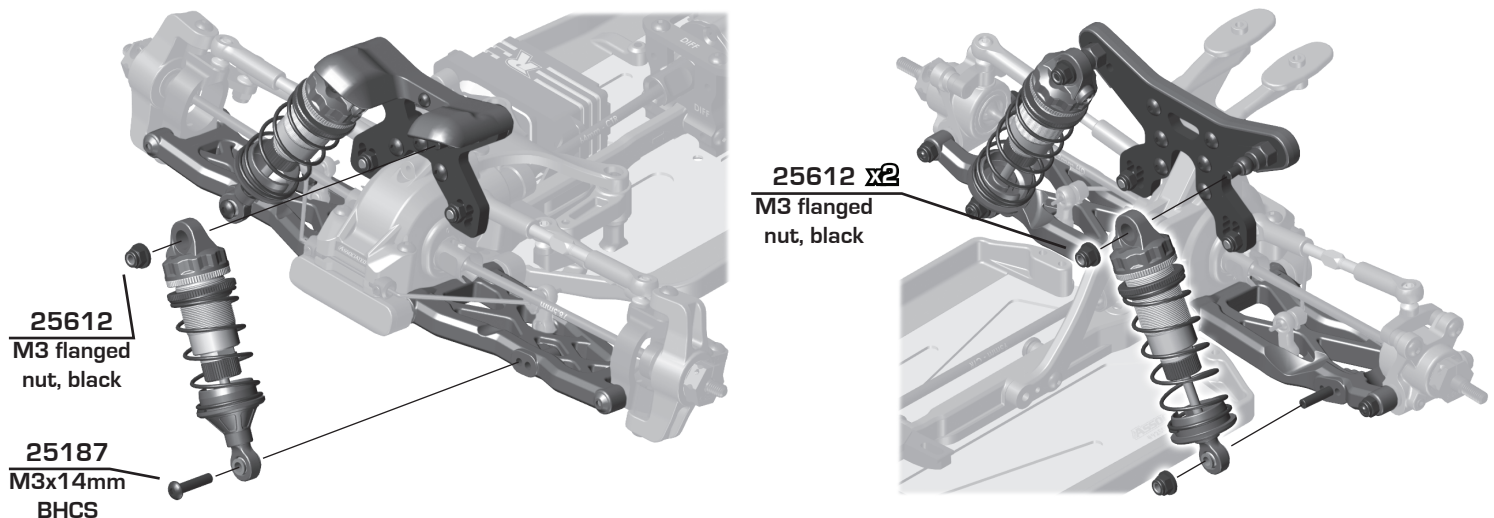


:: Bag 11 - Step 6

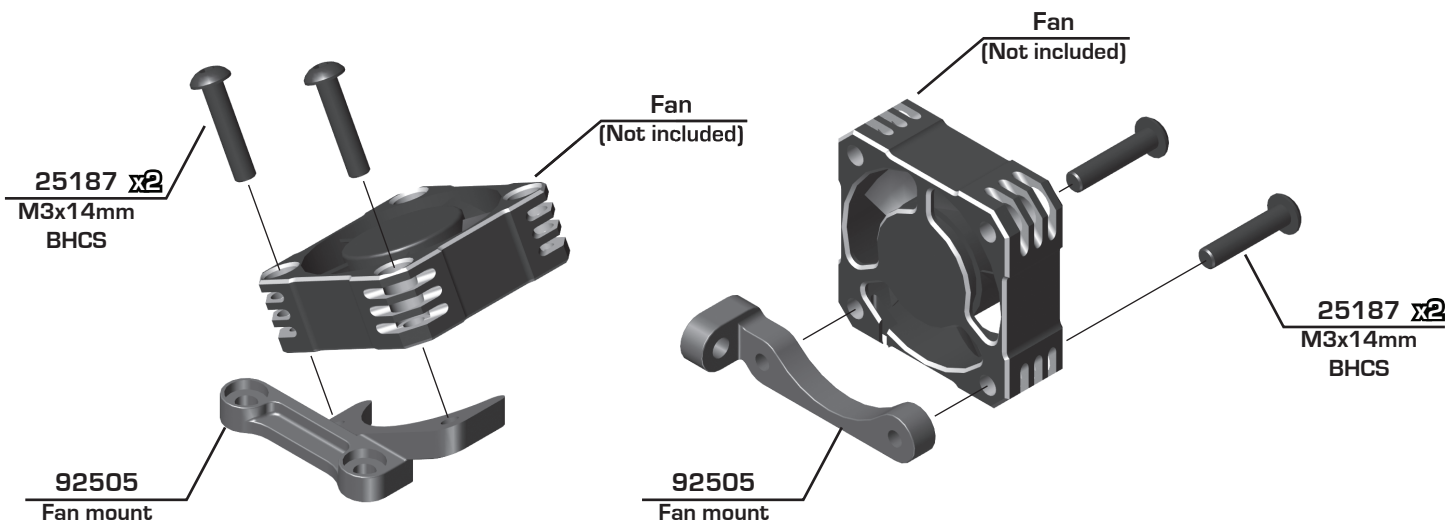


:: Bag 11 - Step 7

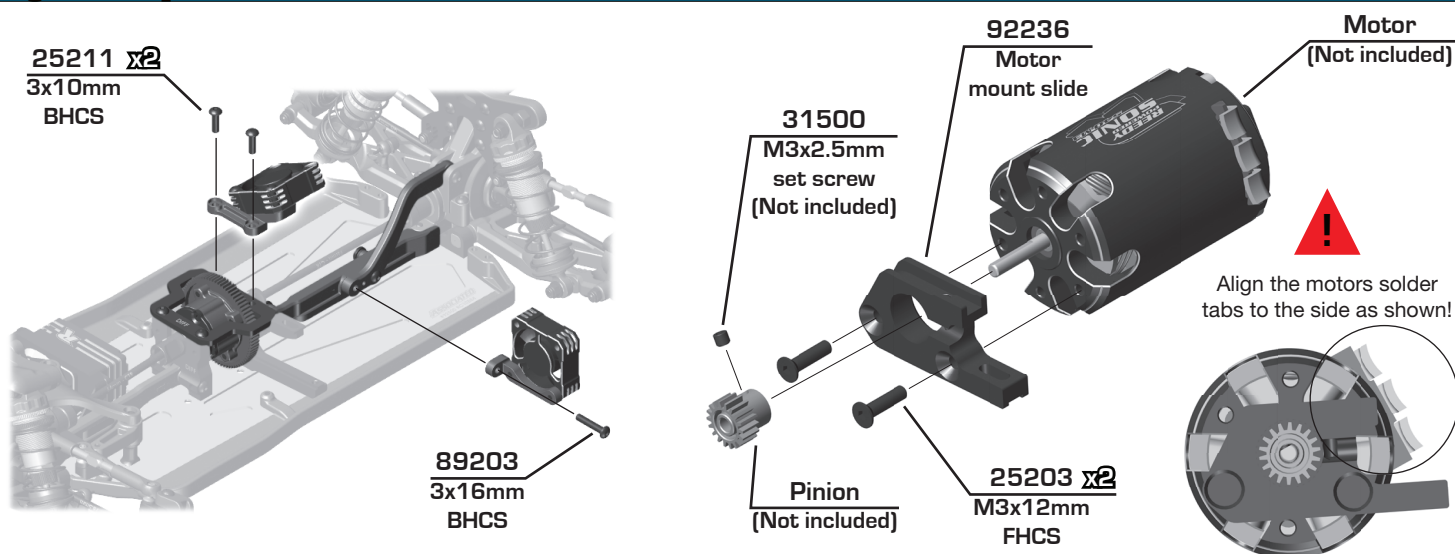
Install x2 front and x2 rear shocks



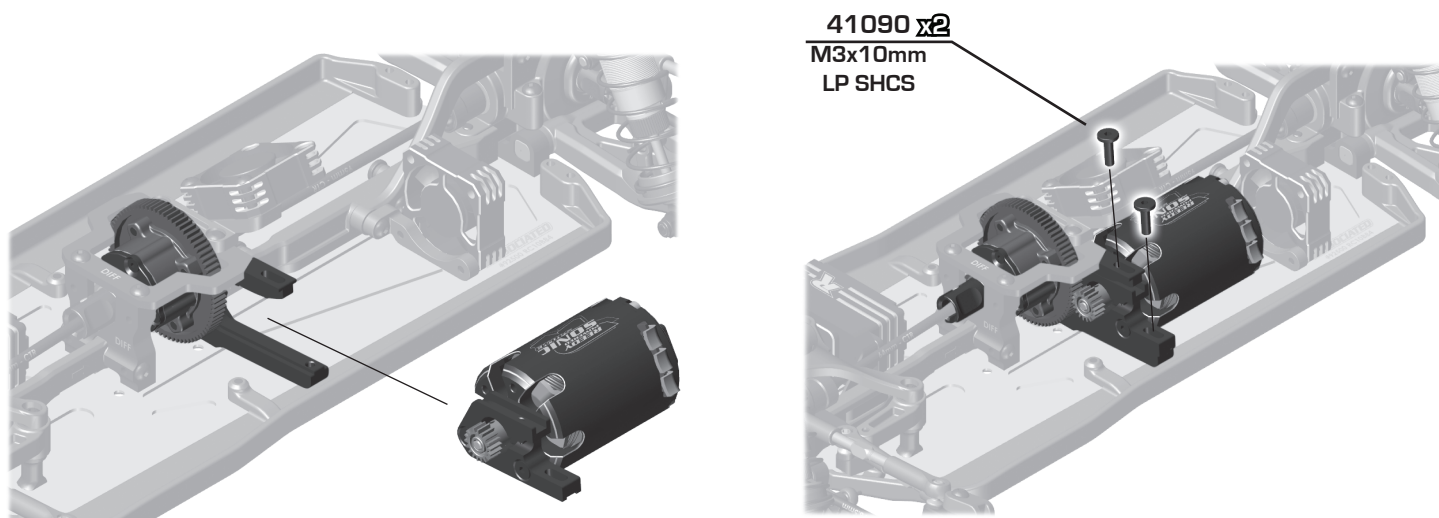
:: Bag 12 - Step 1



:: Bag 12 - Step 2



:: Bag 12 - Step 3



:: Bag 12 - Step 4

31532 x2

M3x8mm

BHCS

92505

B84

Battery

holder

"3"

92505

B84

Battery

holder

1

2

3

4

5

Kit setting

Use M3 x 20mm for
standard height
Use M3 x 14mm
LP height

25188 x2

M3x20mm

BHCS

92505

B84

Battery

holder

92463 x2

Battery

holder

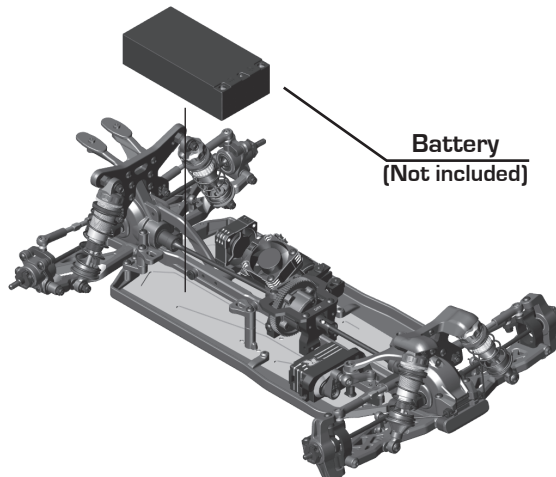
O-Ring

25201

M3x8mm

FHCS

:: Bag 12 - Step 5



:: Bag 12 - Step 6

Receiver
(Not included)

ESC
(Not included)

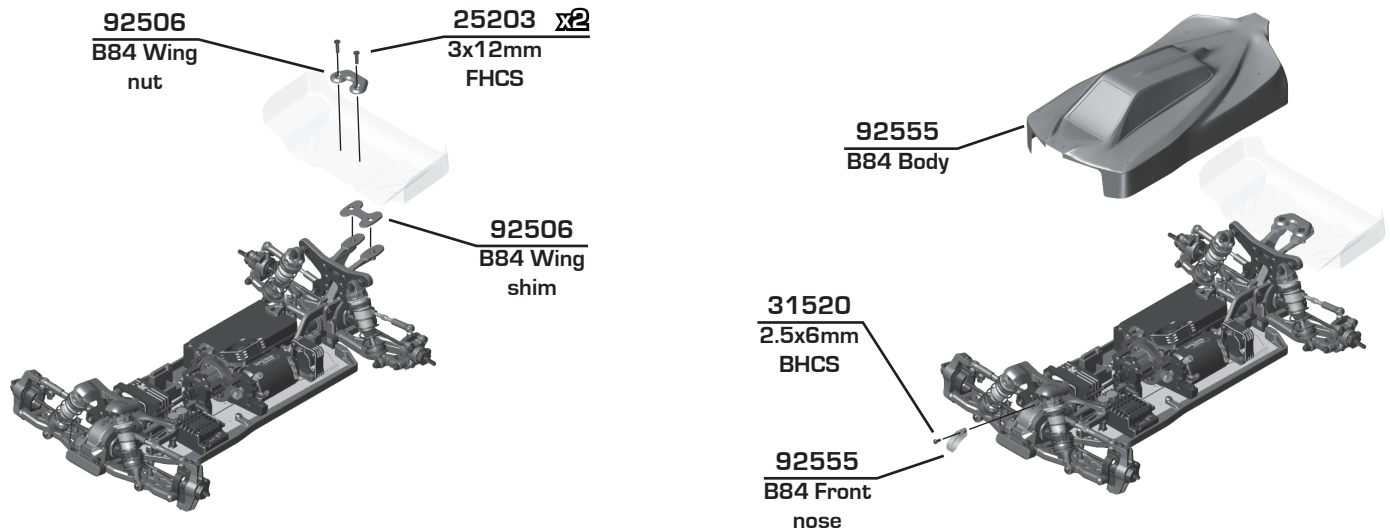
6727

Servo tape

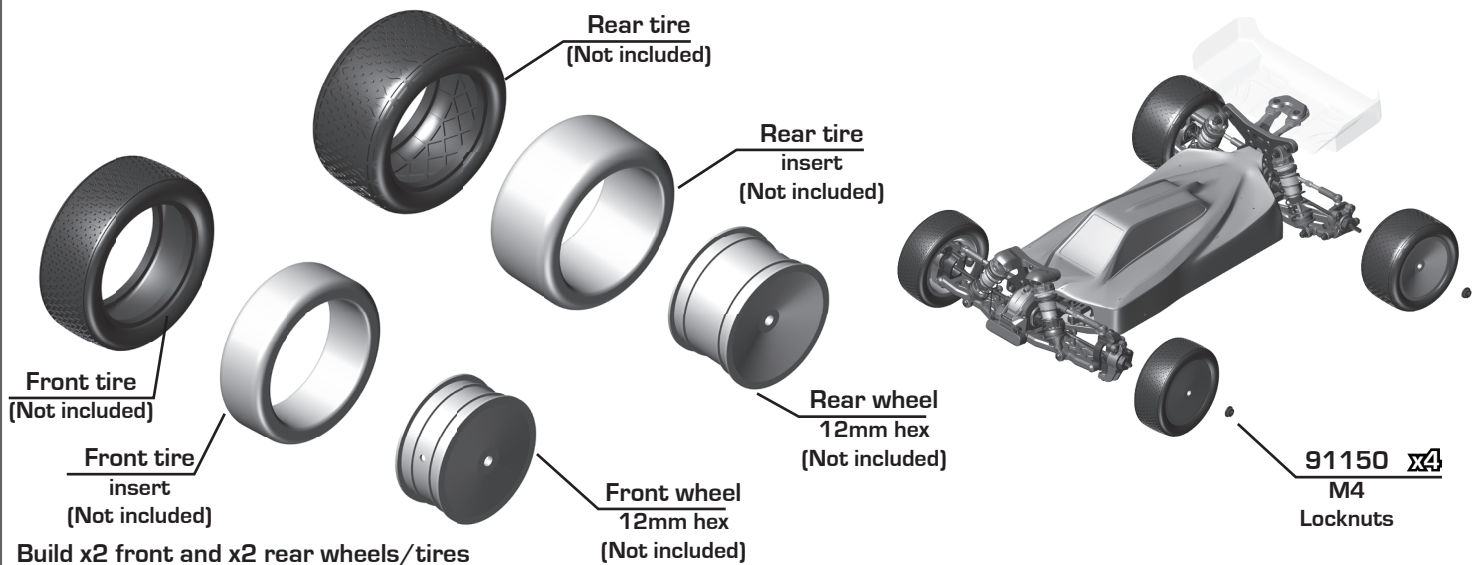
92424

B7 wing

:: Bag 12 - Step 7



:: Bag 12 - Step 8



:: 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:

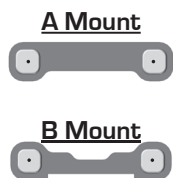
Before making any changes to the standard setup, make sure you can get around the track without crashing. Changes to your vehicle will not be beneficial if you can't stay on the track. Your goal is consistent laps. Once you can get around the track consistently, start tuning your vehicle. Make only **ONE** 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.

:: Tuning Tips - Front Arm Mount Pill Insert Setups

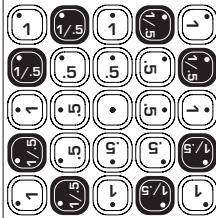
Standard Position

Use this position as a reference when changing pill locations.

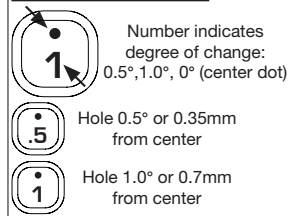
Kick-up: 10°
Roll Center: +0
Pin Width: +0



Possible Insert Locations



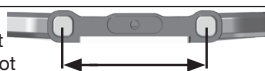
Insert Hole Locations



The aluminum front arm mounts utilize eccentric pill inserts to make fine adjustments to kick-up, pin height, and pin width. Adjustments can be made using the supplied inserts (#92014)

Pin Width

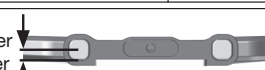
More distance = wider pivot
Less distance = narrower pivot



A Mount	B Mount	
		= +1.4mm
		= +0.7mm
		= 0mm
		= -0.7mm
		= -1.4mm

Pin Height

Higher pin = Higher roll center
Lower Pin = Lower roll center



A Mount	B Mount	
		= +0.7mm
		= +0.35mm
		= 0mm
		= -0.35mm
		= -0.7mm

Kick Up

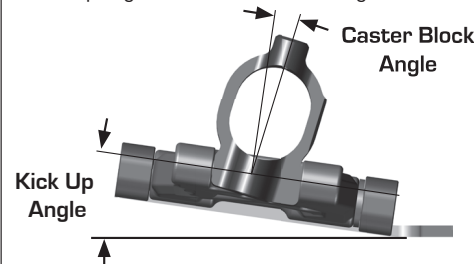
More angle = More kick up
Less angle = Less kick up



A Mount	B Mount	
		= 10°
		= 9°
		= 8°
		= 11°
		= 10°
		= 9°
		= 12°
		= 11°
		= 10°

Total Caster Angle

Total caster angle is the sum of the kick up angle and the caster block angle.



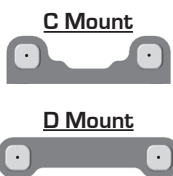
		Kick Up Angle			
		8°	9°	10°	11°
Caster Block Angle	6°	14°	15°	16°	17°
	7°	15°	16°	17°	18°
	8°	16°	17°	18°	19°
	9°	17°	18°	19°	20°
	10°	18°	19°	20°	21°

:: Tuning Tips - Rear Arm Mount Pill Insert Setups

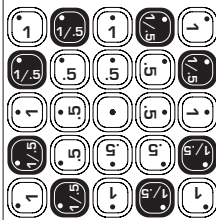
Standard Position

Use this position as a reference when changing pill locations.

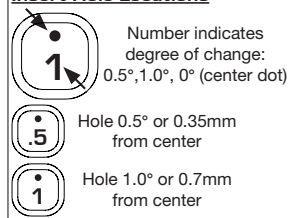
Toe: 3°
Anti-Squat: 2°
Roll Center: +0
Pin Width: +0



Possible Insert Locations



Insert Hole Locations



The aluminum front arm mounts utilize eccentric pill inserts to make fine adjustments to kick-up, pin height, and pin width. Adjustments can be made using the supplied inserts (#92014)

Pin Width

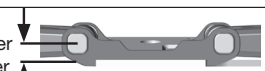
More distance = wider pivot
Less distance = narrower pivot



C Mount	D Mount	
		= +1.4mm
		= +0.7mm
		= 0mm
		= -0.7mm
		= -1.4mm

Pin Height

Higher pin = Higher roll center
Lower Pin = Lower roll center



C Mount	D Mount	
		= +0.7mm
		= +0.35mm
		= 0mm
		= -0.35mm
		= -0.7mm

Anti-Squat Angle

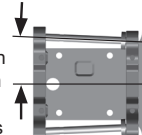
More angle = More anti-squat
Less angle = Less anti-squat



C Mount	D Mount	
		= 2°
		= 1°
		= 0°
		= 3°
		= 2°
		= 1°
		= 4°
		= 3°
		= 2°

Toe Angle

More angle = More toe in
Less angle = Less toe in
Shown in 1° changes



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

Front Suspension:

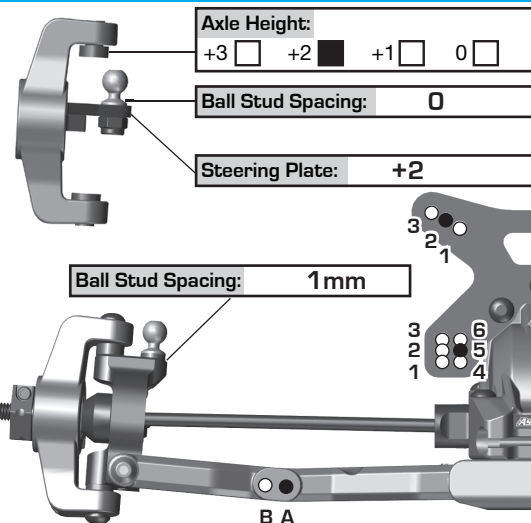
Ride Height:	17mm
Camber:	-1 deg
Toe:	0 deg
Anti-Roll Bar:	1.3mm
Arm Type:	Kit
Tower Type:	Kit
Wheelbase Shim:	Arm Middle
Wheel Hex:	5mm
Steering Block Type:	B74
Caster Block:	6° <input type="checkbox"/> 7° <input type="checkbox"/> 8° <input checked="" type="checkbox"/> 9° <input type="checkbox"/> 10° <input type="checkbox"/>
Chassis Brace Material:	Kit
Top Plate Brace Material:	Kit
Front Axles:	CVA <input checked="" type="checkbox"/> DCV <input type="checkbox"/>
Notes:	

Lower Brace Type: Fixed ☐ Pivot ☒


Ball Stud Spacing: 2mm

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

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

Diff Height:
+3 ☐
+2 ☐
+1 ☐
+0 ☒

Axle Height:
+3 ☐ +2 ☒ +1 ☐ 0 ☐

Ball Stud Spacing: 0

Steering Plate: +2

Ball Stud Spacing: 1mm

Rear Suspension:

Ride Height:	17mm
Camber:	-1 deg
Anti-Roll Bar:	1.4mm
Arm Type:	Kit - B7
Tower Type:	Kit
Wheelbase Shim:	Arm Middle
Wheel Hex:	6mm
Hub Type:	Kit - B7 Standard
Drive Shaft Type:	69mm Bone
Chassis Brace Material:	Kit
Upper Chassis Brace Material:	
Hub Spacing:	Fwd <input type="checkbox"/> Mid <input type="checkbox"/> Back <input type="checkbox"/>
Notes:	

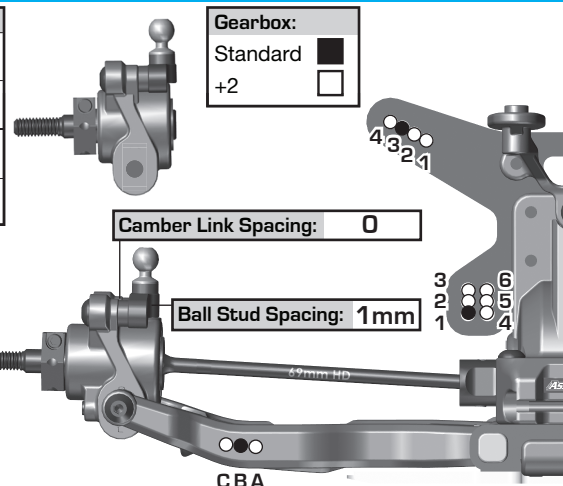
Lower Brace Type: Fixed ☐ Pivot ☒


Rear Chassis Brace Screws:

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

Diff Height:
+3 ☐
+2 ☐
+1 ☐
+0 ☒

Gearbox:
Standard ☒
+2 ☐

Camber Link Spacing: 0

Ball Stud Spacing: 1mm

Electronics:

Radio:	Servo:
EPA: Throttle:	% Brake:
ESC:	
ESC Settings:	
Motor / Wind:	Timing:
Pinion:	Spur:
Motor Position:	Forward: <input type="checkbox"/> Back: <input checked="" type="checkbox"/>
Battery Position:	
Back 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> Forward	
Battery:	Weight:
Notes:	

Differential:

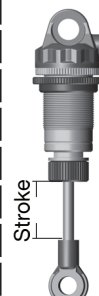
	Front	Center	Rear
Fluid:	15K	200K	15K
Gears:	LTC	LTC	LTC
Type:	Plastic	Plastic	Plastic
Notes:			

Slipper Clutch:

Type:
of Pads:
Setting:
Notes:

Shocks:

	Front	Rear
Piston:	2x1.7	2x1.9
Thickness:	2.5mm	2.5mm
Fluid:	35wt	30wt
Spring:	Red	Yellow
Limiters:	Int: 2 Ext: 1	Int: 0 Ext: 0
Stroke:	22mm	28mm
Eyelet:	0	+2
Cup Offset:	0 <input type="checkbox"/> +5 <input type="checkbox"/> +9 <input checked="" type="checkbox"/>	0 <input type="checkbox"/> +5 <input type="checkbox"/> +9 <input type="checkbox"/>
Kashima Bodies:	<input type="checkbox"/>	Chrome Shafts: <input type="checkbox"/> Machined Spacers: <input type="checkbox"/>
Notes:		



Track Info:

Size:
Surface:
Traction:
Moisture:
Condition:
Temperature:
Notes:

Tires:

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

Body, Weight:

Body:	B84
Front Wing:	Nose
Rear Wing:	B7
Rear Wing Mount:	0 <input checked="" type="checkbox"/> -2 <input type="checkbox"/>
Wing Angle:	0° <input type="checkbox"/> 3° <input type="checkbox"/> 6° <input checked="" type="checkbox"/>
Chassis Length:	Standard
Total Vehicle Weight:	
Notes:	

Vehicle Comments:

Notes:

Front Suspension:

Ride Height: _____
 Camber: _____
 Toe: _____
 Anti-Roll Bar: _____
 Arm Type: _____
 Tower Type: _____
 Wheelbase Shim: _____
 Wheel Hex: _____
 Steering Block Type: _____
 Caster Block: 6° ☐ 7° ☐ 8° ☐ 9° ☐ 10° ☐
 Chassis Brace Material: _____
 Top Plate Brace Material: _____
 Front Axles: CVA ☐ DCV ☐
 Notes: _____

Lower Brace Type: Fixed ☐ Pivot ☐



Ball Stud Spacing: _____

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



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



Diff Height:

+3 ☐
 +2 ☐
 +1 ☐
 +0 ☐



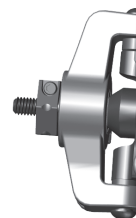
Axle Height:

+3 ☐ +2 ☐ +1 ☐ 0 ☐

Ball Stud Spacing: _____

Steering Plate: _____

Ball Stud Spacing: _____



B A

Rear Suspension:

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

Lower Brace Type: Fixed ☐ Pivot ☐



Rear Chassis Brace Screws: _____

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



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



Axle Height:

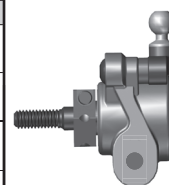
▼0 3▲ +3
 ▼1 2▲ +2
 ▲1 2▼ +1
 ▲0 3▼ +0

Diff Height:

+3 ☐
 +2 ☐
 +1 ☐
 +0 ☐

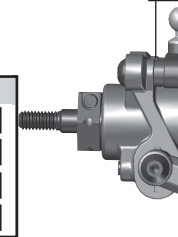
Gearbox:

Standard ☐
 +2 ☐



Camber Link Spacing: _____

Ball Stud Spacing: _____



C B A

Electronics:

Radio: _____ Servo: _____
 EPA: Throttle: _____ % Brake: _____ %
 ESC: _____
 ESC Settings: _____
 Motor / Wind: _____ Timing: _____
 Pinion: _____ Spur: _____
 Motor Position: Forward ☐ Back ☐
 Battery Position: _____
 Back 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ Forward
 Battery: _____ Weight: _____
 Notes: _____

Differential:

	Front	Center	Rear
Fluid:	_____	_____	_____
Gears:	_____	_____	_____
Type:	_____	_____	_____
Notes:	_____		

Slipper Clutch:

Type: _____
 # of Pads: _____
 Setting: _____
 Notes: _____

Shocks:

	Front	Rear
Piston:	_____	_____
Thickness:	_____	_____
Fluid:	_____	_____
Spring:	_____	_____
Limiters:	Int: _____ Ext: _____	Int: _____ Ext: _____
Stroke:	_____	_____
Eyelet:	_____	_____
Cup Offset:	0 <input type="checkbox"/> +5 <input type="checkbox"/> +9 <input type="checkbox"/> 0 <input type="checkbox"/> +5 <input type="checkbox"/> +9 <input type="checkbox"/>	
Kashima Bodies:	<input type="checkbox"/>	Chrome Shafts: <input type="checkbox"/> Machined Spacers: <input type="checkbox"/>
Notes:	_____	



Track Info:

Size: _____
 Surface: _____
 Traction: _____
 Moisture: _____
 Condition: _____
 Temperature: _____
 Notes: _____

Tires:

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

Body, Weight:

Body: _____
 Front Wing: _____
 Rear Wing: _____
 Rear Wing Mount: 0 ☐ -2 ☐
 Wing Angle: 0° ☐ 3° ☐ 6° ☐
 Chassis Length: _____
 Total Vehicle Weight: _____
 Notes: _____

Vehicle Comments:

Notes: _____



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