

RC10 BBL TEAM KIT

TEAM ASSOCIATED

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

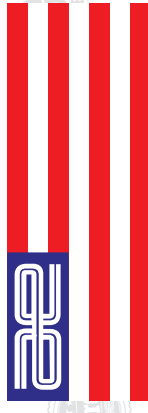
#90058 RC10 BBL 1 Buggy Kit



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.

⚡ RC10B84.1 Features

- Wide Tongue Chassis for Improved Durability
- V2 Side Rails to Account for Wide Tongue Chassis
- Wide A and B Mounts
- 73mm Gull Wing Front Arm Suspension
- Carbon Fiber Front Shock Tower for 73mm arm Geometry
- Molded Front Shock Tower Cover for 73mm arm Shock Tower
- V2 Steering Posts and Bellcranks to Reduce Vertical Movement in the Steering Rack
- Long HD Differential Outdrives for the Rear Differential
- 66mm Rear CVA Bones
- New A and D mount 0.7mm shims
- Molded Front Bumper With Optional Bumper That Covers Anti-roll Bar Mounts

⚡ RC10B84.1 Legacy Features (from RC10 B84)

- Molded Height-Adjustable Gearboxes Front and Rear with Additional +2 Rear Gearbox for High-Grip 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
- Decoupled Slipper Clutch Included
- Aluminum Center-Mounted Servo Mount
- Two heights Included for Rear Wing Mount
- 7-inch Rear Wing
- Low-Profile Body
- 3.5mm Turnbuckles and Ballcaps
- 13mm Big-Bore Shocks

⚡ Additional

Your new RC10B84.1 Kit comes unassembled and requires the following items for completion (refer to AssociatedElectrics.com for suggestions):

- R/C two channel surface frequency radio system
- AA-size batteries for transmitter
- Electronic Speed Control ("ESC")
- Steering servo
- R/C electric motor
- Pinion gear, size determined by type/turn or kV of motor
- Battery charger
(a peak detection charger, or LiPo compatible charger)
- 2 cell LiPo battery pack
- Polycarbonate specific spray paint
- Cyanoacrylate glue ("CA") (#1697)
- Thread locking compound (#1596)
- Tires and Inserts, Fronts and Rears

⚡ Other Helpful Items

- Silicone Shock Fluid (Refer to AssociatedElectrics.com for complete listings)
- FT Body Scissors (#1737)
- FT Hex/Nut Wrenches (#1519)
- FT Universal Tire Balancer (#1498)
- FT Dual Turnbuckle Wrench (#1114)
- FT Body Reamer (#1499)
- Needle Nose Pliers
- Calipers or a Precision Ruler
- Green Slime shock lube (#1105)
- Shock Pliers (#1681)
- FT Ballcup Wrench (#1579)
- Soldering Iron
- Wire Cutters
- Hobby Knife

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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)
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Flat Head (fhcs)

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

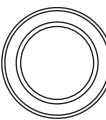
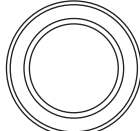
LP Socket Head (lp shcs)

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

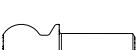
Nuts (lock/plain)

	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.



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



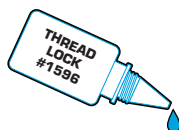
This symbol indicates there are optional FT parts available



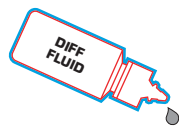
This symbol indicates a Racers Tip.



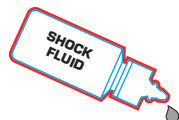
There is a 1:1 hardware foldout page in the front of the manual. To check the size of a part, line up your hardware with the correct drawing until you find the exact size. Each part in the foldout has a number assigned to it for ordering replacement parts.



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

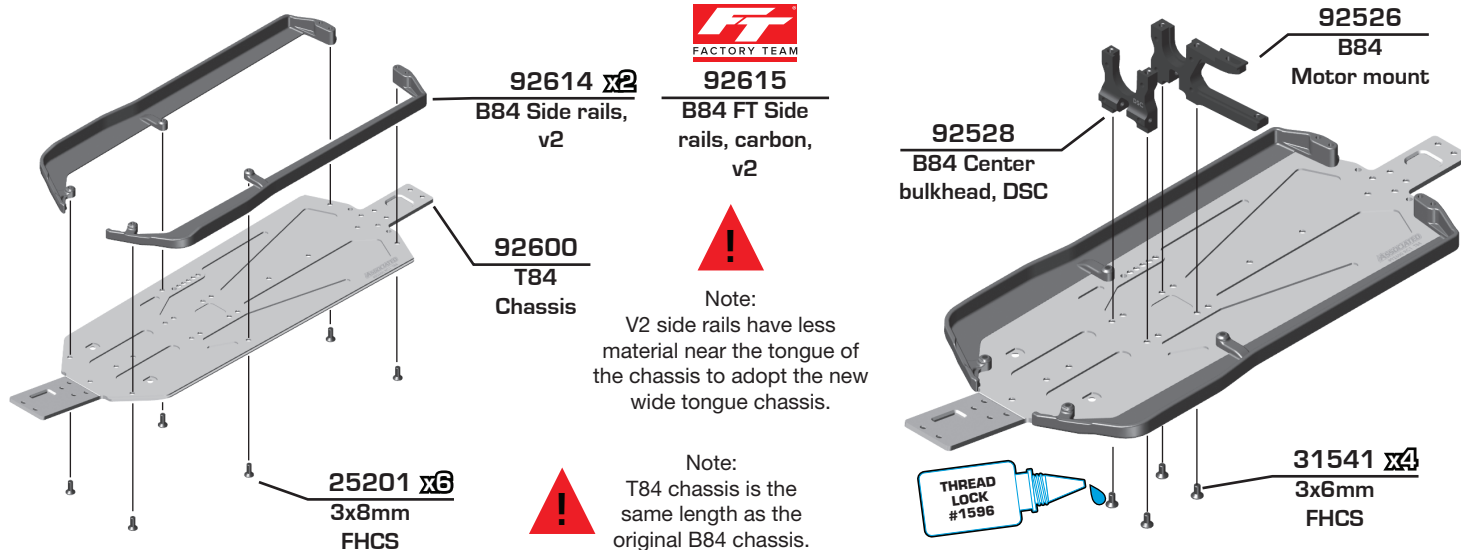


This symbol indicates where Black Grease should be applied.

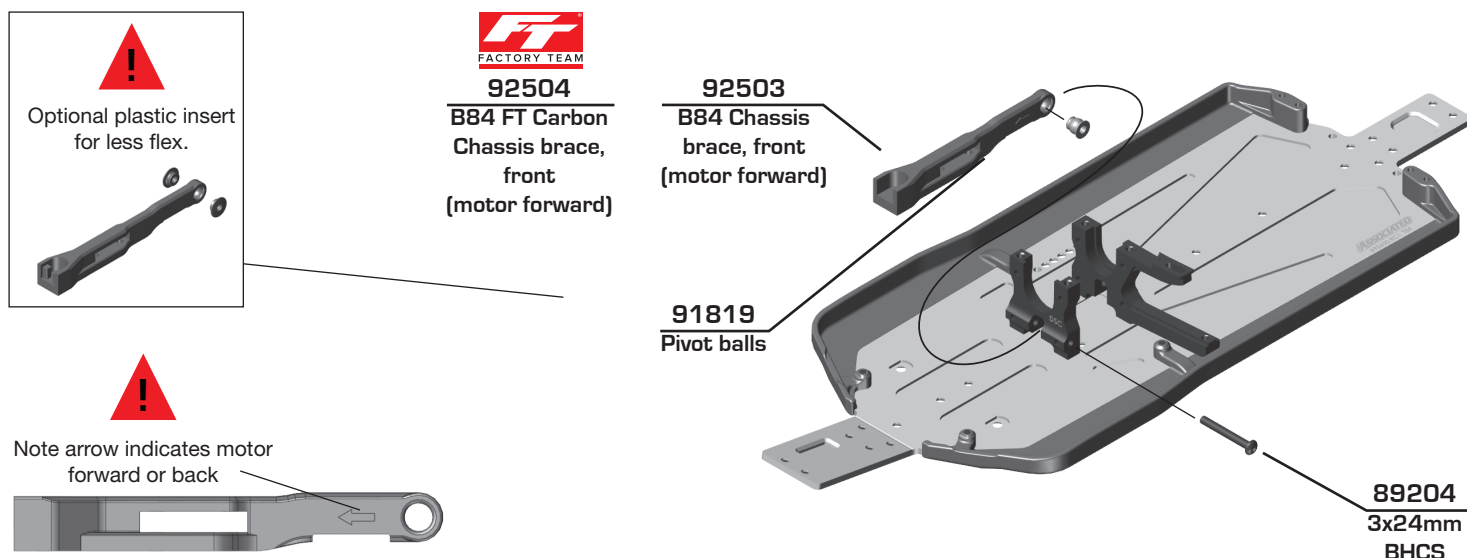


This symbol indicates where Green Slime can be applied. *not included

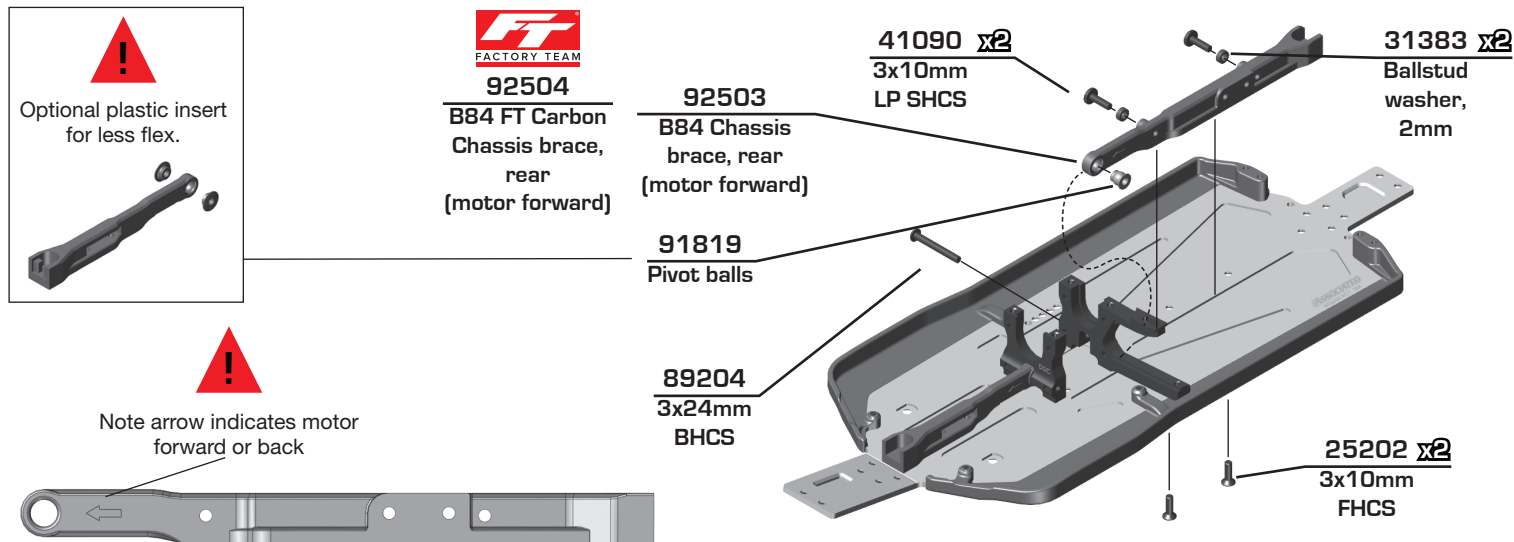
Bag 1 - Step 1



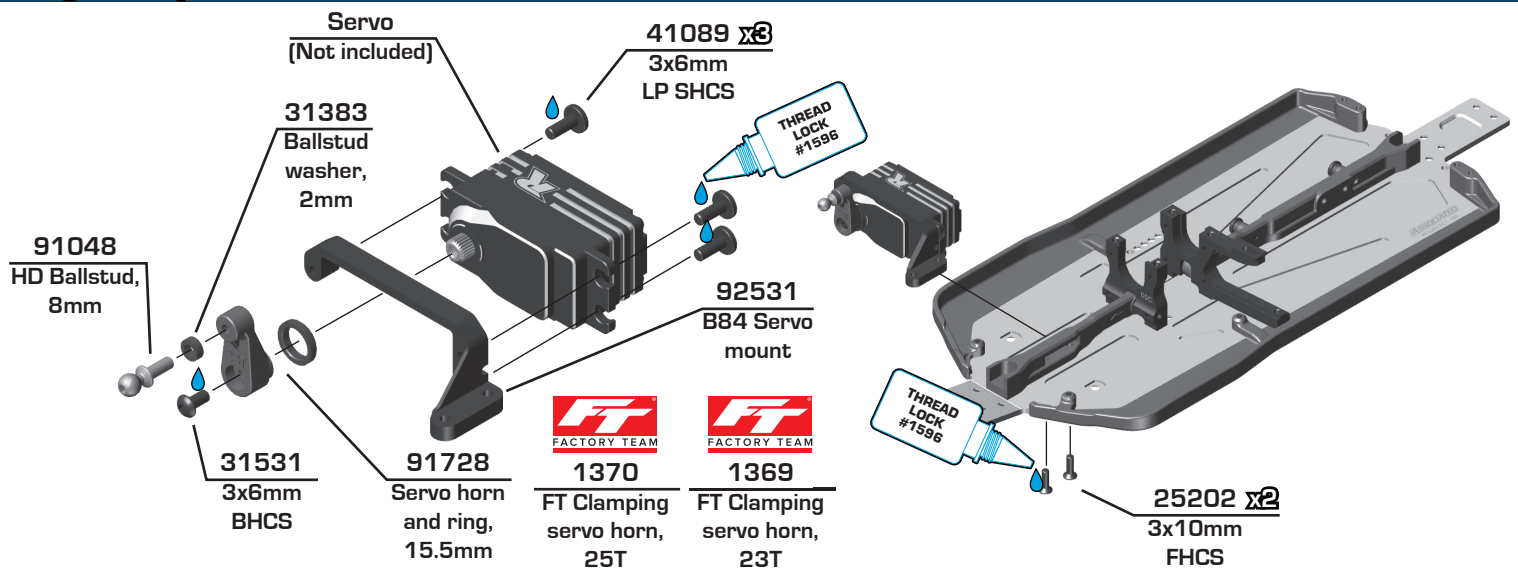
Bag 1 - Step 2



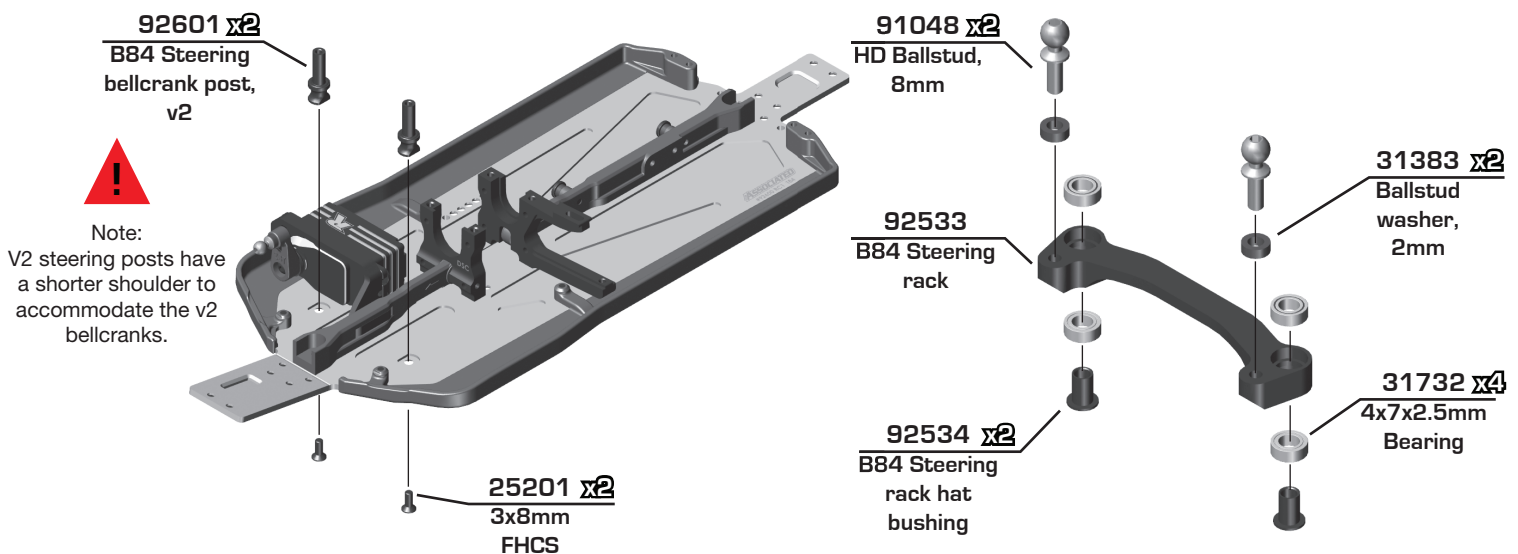
Bag 1 - Step 3



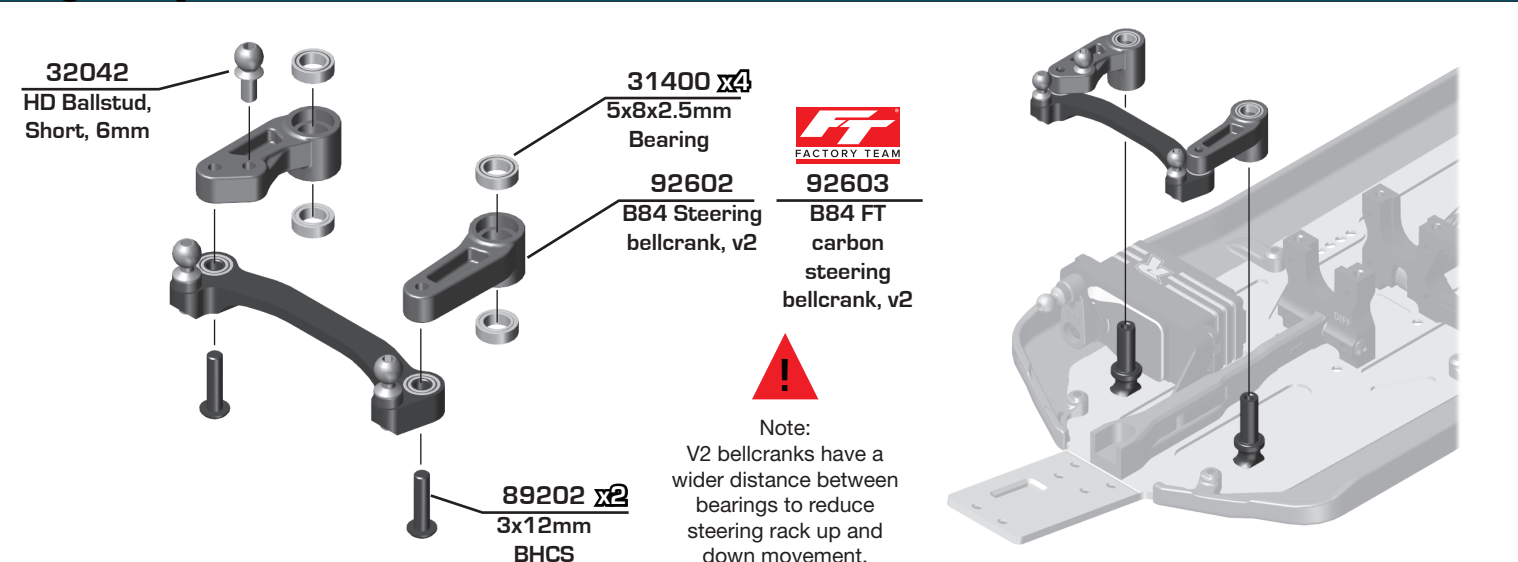
:: Bag 1 - Step 4



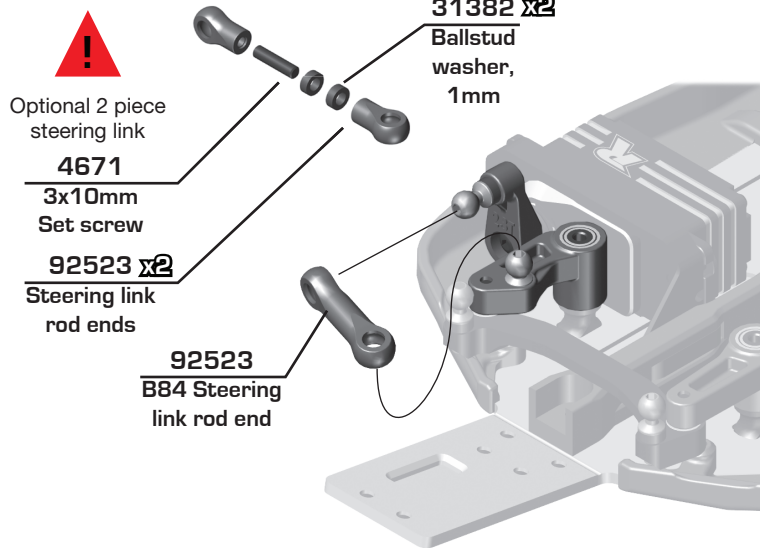
:: Bag 1 - Step 5



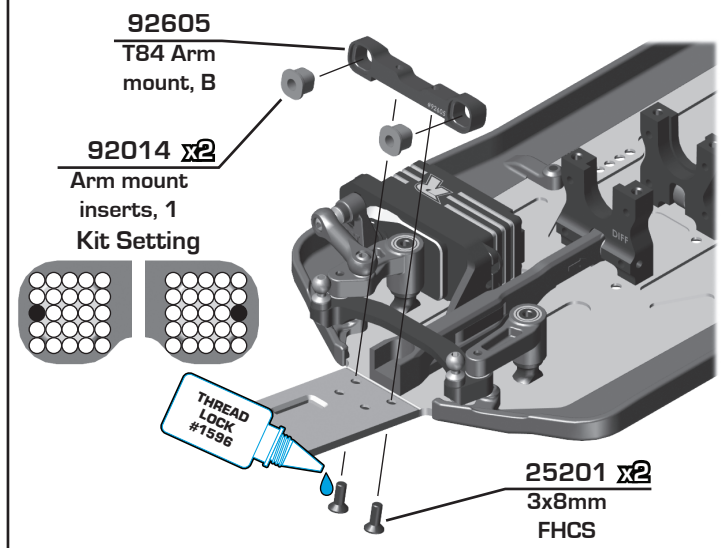
:: Bag 1 - Step 6



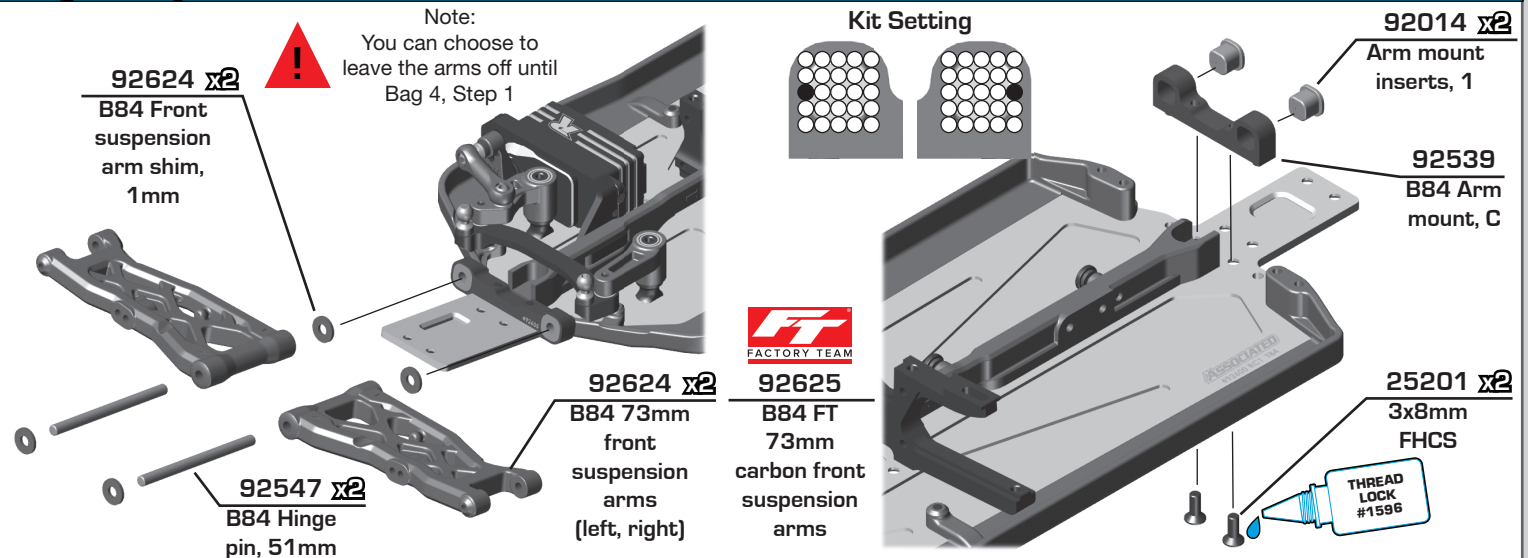
:: Bag 1 - Step 7



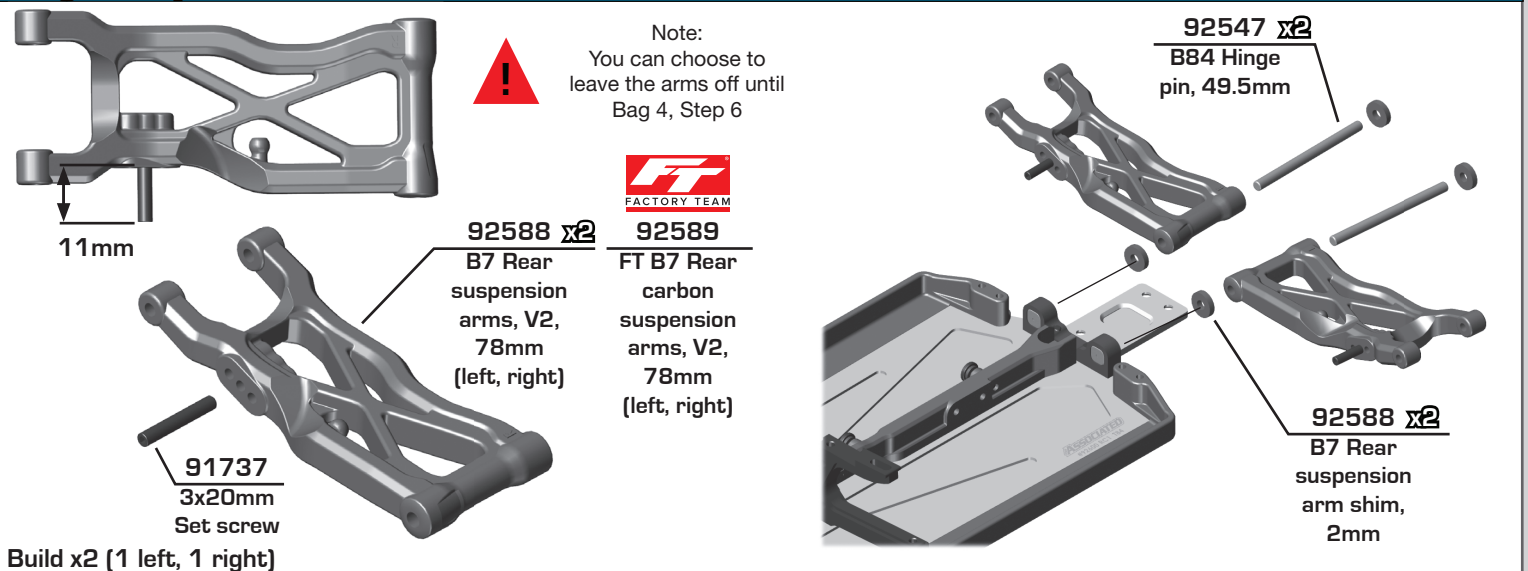
:: Bag 2 - Step 1



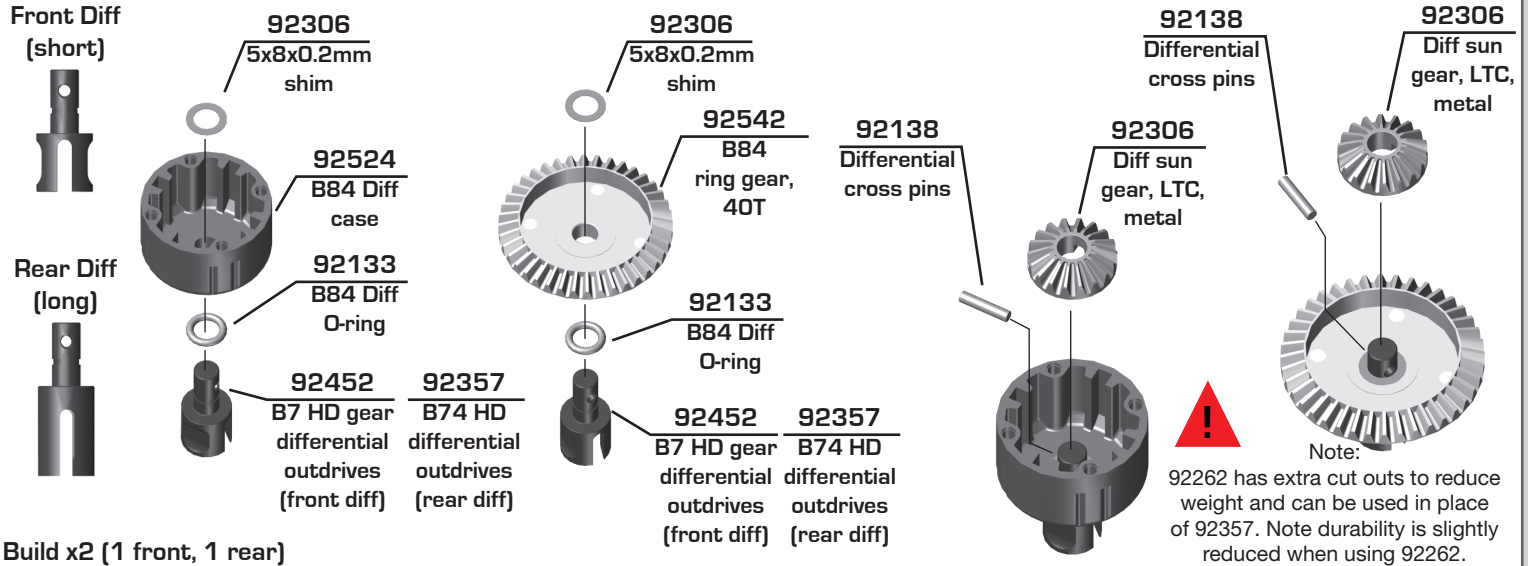
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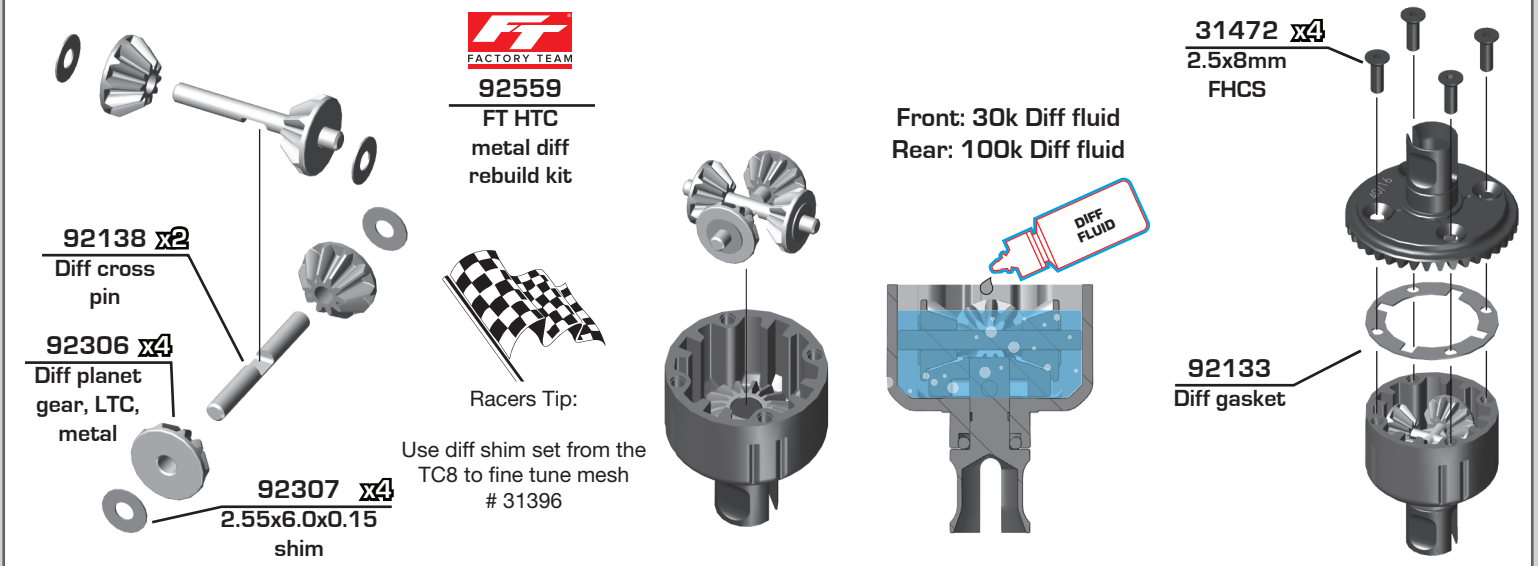
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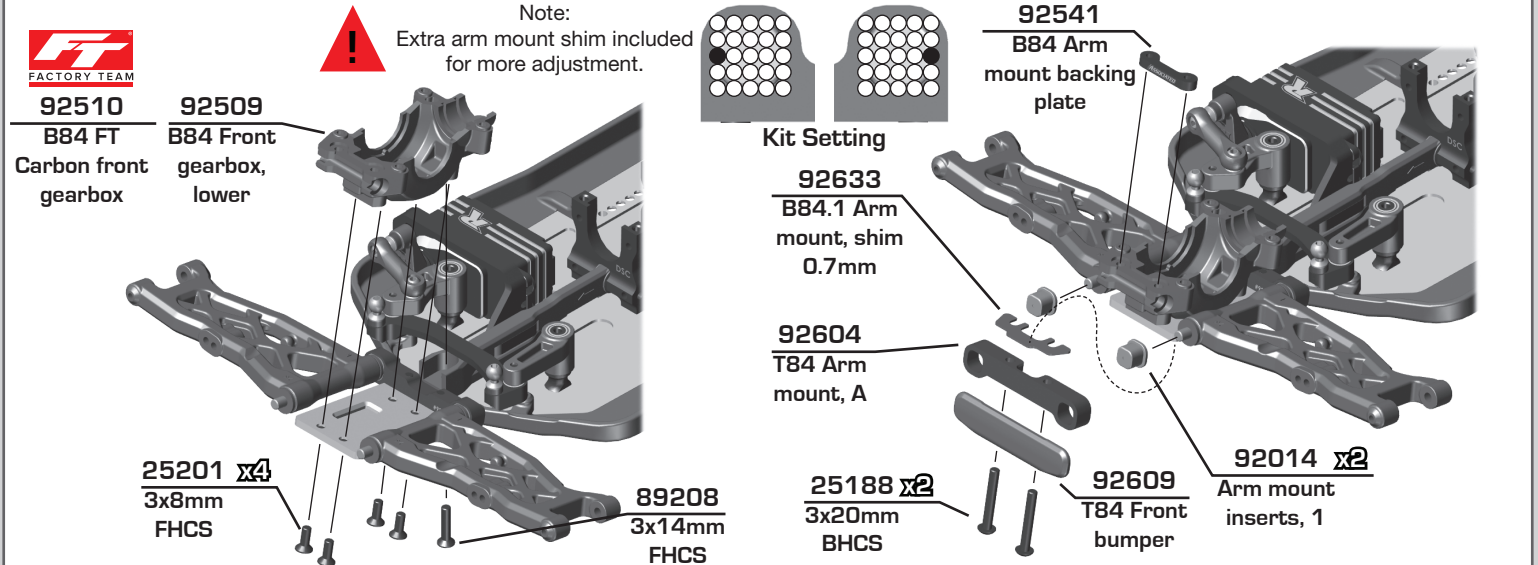
Bag 3 - Step 1



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
#6588

92550
Center CVA
bones, 38.5mm

91438
CVA pin

92513
B84 Diff pinion
height insert,
0

92324 x2
5x10x4mm
flanged
bearing

92142
Differential
pinion gear,
16T

Note:
0 diff height recommended
for Low Profile front tires.
+2 diff height recommended
for standard front tires.

92216
CVA cup, center,
aluminum

92319
Differential Pinion
Gear Shim,
5 x 6.5 x 1mm

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

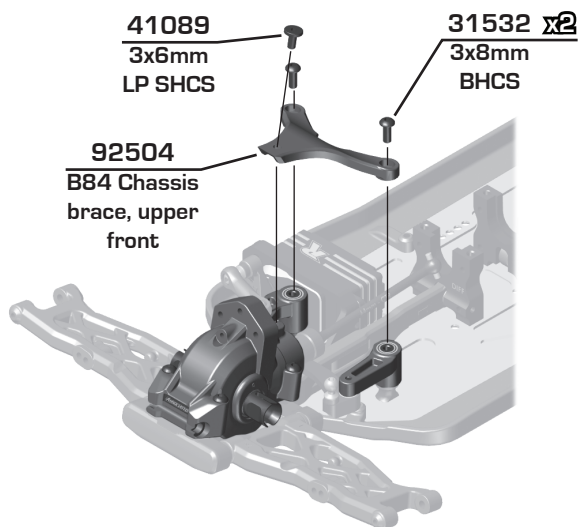
89202 x4
3x12mm
BHCS

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.

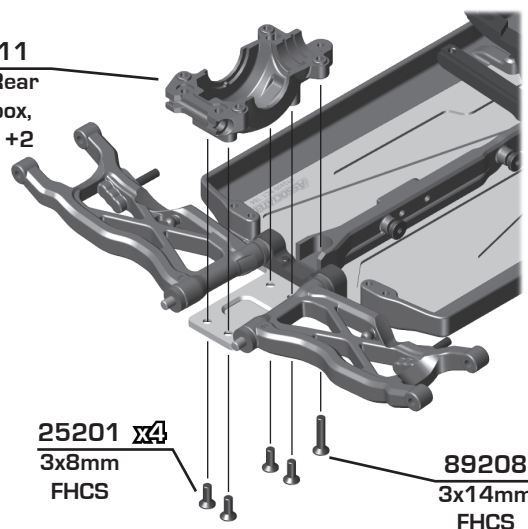
Take extra care not to strip these screw holes out. Stripping the plastic will result in premature failure.

Bag 4 - Step 5



92512
B84 FT
Carbon rear
gearbox

92511
B84 Rear
gearbox,
lower +2



Bag 4 - Step 6



Kit Setting

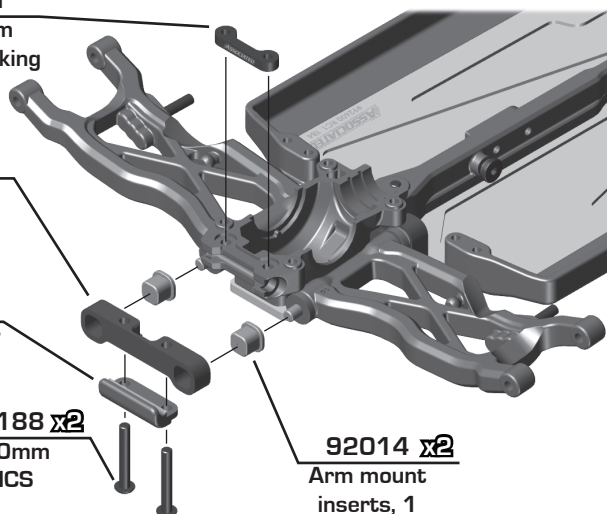
92541
B84 Arm
mount backing
plate

92540
B84 Arm
mount, D

92525
B84 Rear
bumper

25188 x2
3x20mm
BHCS

92014 x2
Arm mount
inserts, 1



Bag 4 - Step 7



92264
FT CVA
cup, center,
aluminum

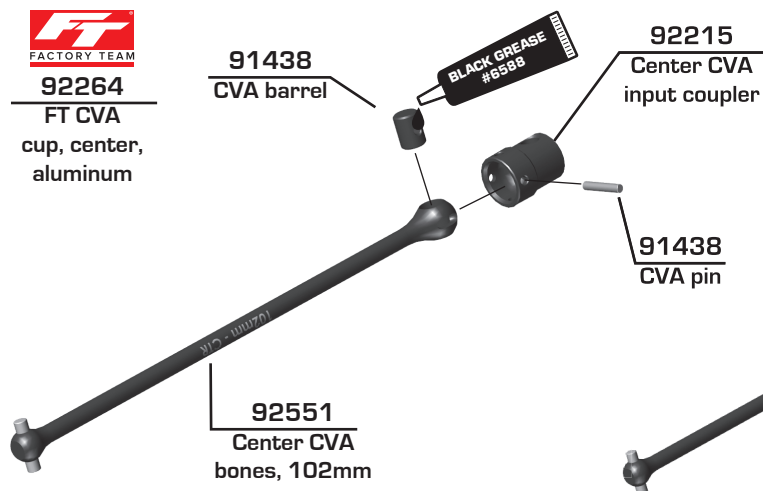
91438
CVA barrel



92215
Center CVA
input coupler

91438
CVA pin

92551
Center CVA
bones, 102mm



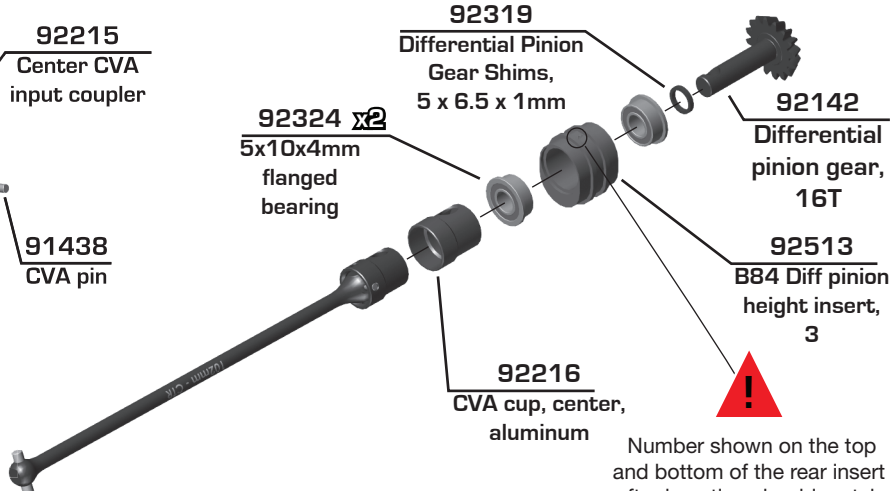
92319
Differential Pinion
Gear Shims,
5 x 6.5 x 1mm

92324 x2
5x10x4mm
flanged
bearing

92142
Differential
pinion gear,
16T

92513
B84 Diff pinion
height insert,
3

92216
CVA cup, center,
aluminum



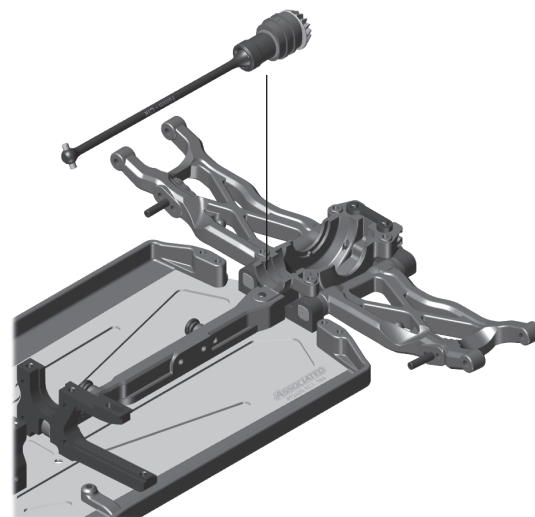
Number shown on the top
and bottom of the rear insert
after insertion should match
the diff height desired.
Kit setup: "3"

:: Bag 4 - Step 8

25226
4x5mm
Set screw

THREAD
LOCK
#1596

92143
Diff pinion
gear shim



:: Bag 4 - Step 9

92139 x2
Diff outdrive
shims

91563 x2
10x15x4mm
bearing

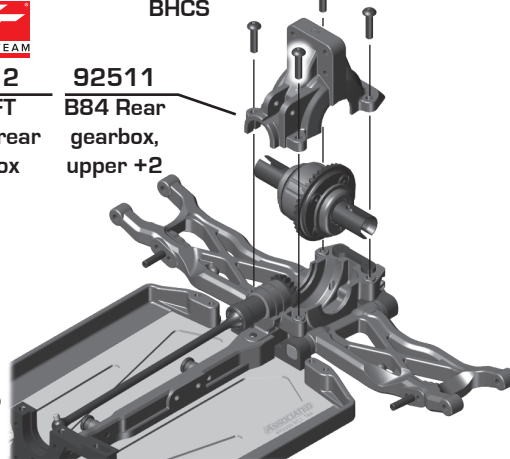
92513 x2
B84 Diff
height inserts,
(kit setting +3)



92512
B84 FT
Carbon rear
gearbox

92511
B84 Rear
gearbox,
upper +2

89202 x4
3x12mm
BHCS



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.

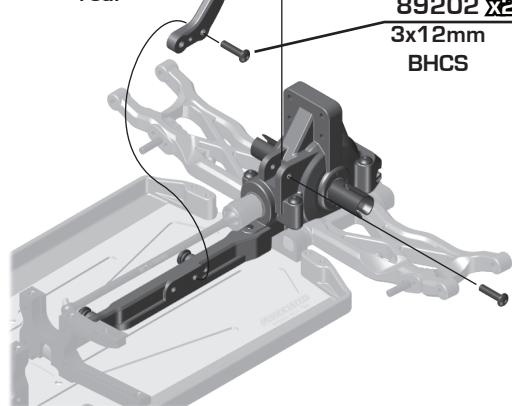
Take extra care not to strip these screw holes out. Stripping the plastic will result in premature failure.

:: Bag 4 - Step 10

92504
B84 Chassis
brace, upper
rear

91819
Shock pivot
ball

89202 x2
3x12mm
BHCS



:: Bag 5 - Step 1

Note:

The wider front shock tower cover is used with the 73mm front arm tower.

92159 x2
Shock bushing,
10mm

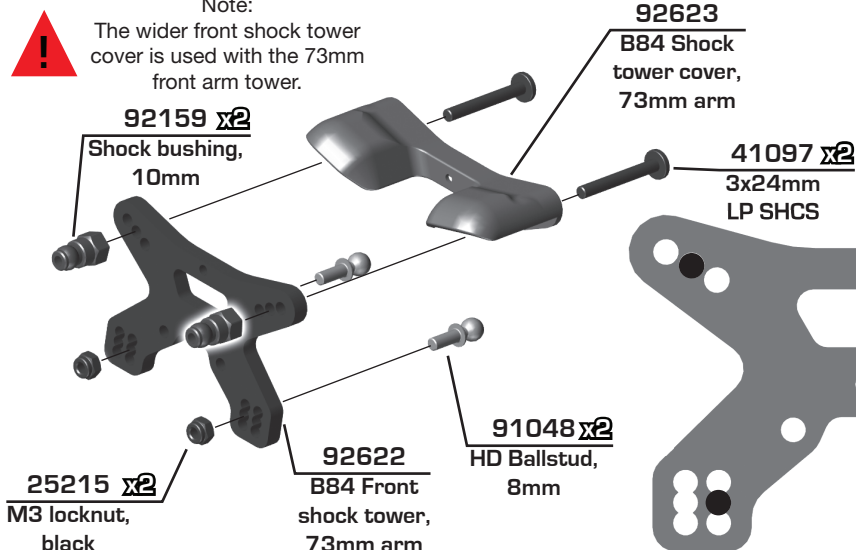
92623
B84 Shock
tower cover,
73mm arm

41097 x2
3x24mm
LP SHCS

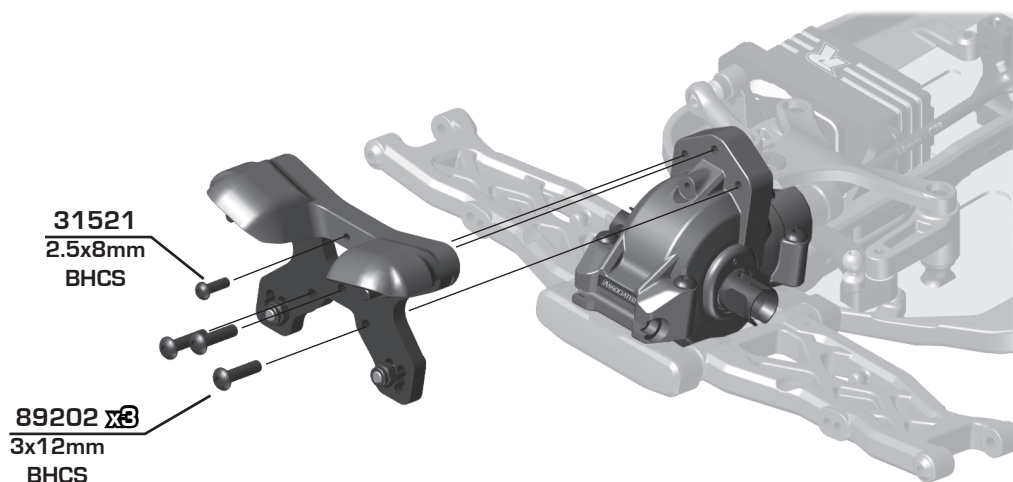
25215 x2
M3 locknut,
black

92622
B84 Front
shock tower,
73mm arm

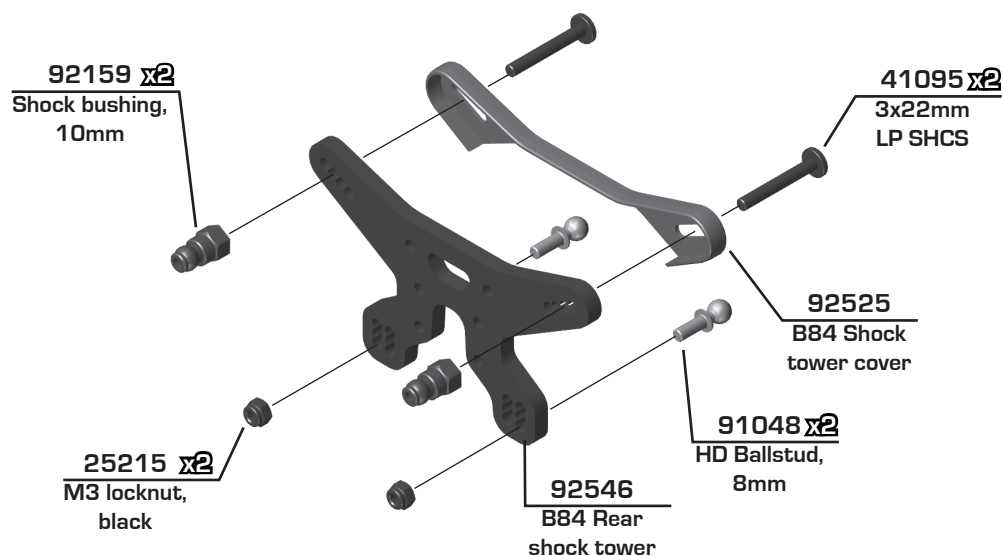
91048 x2
HD Ballstud,
8mm



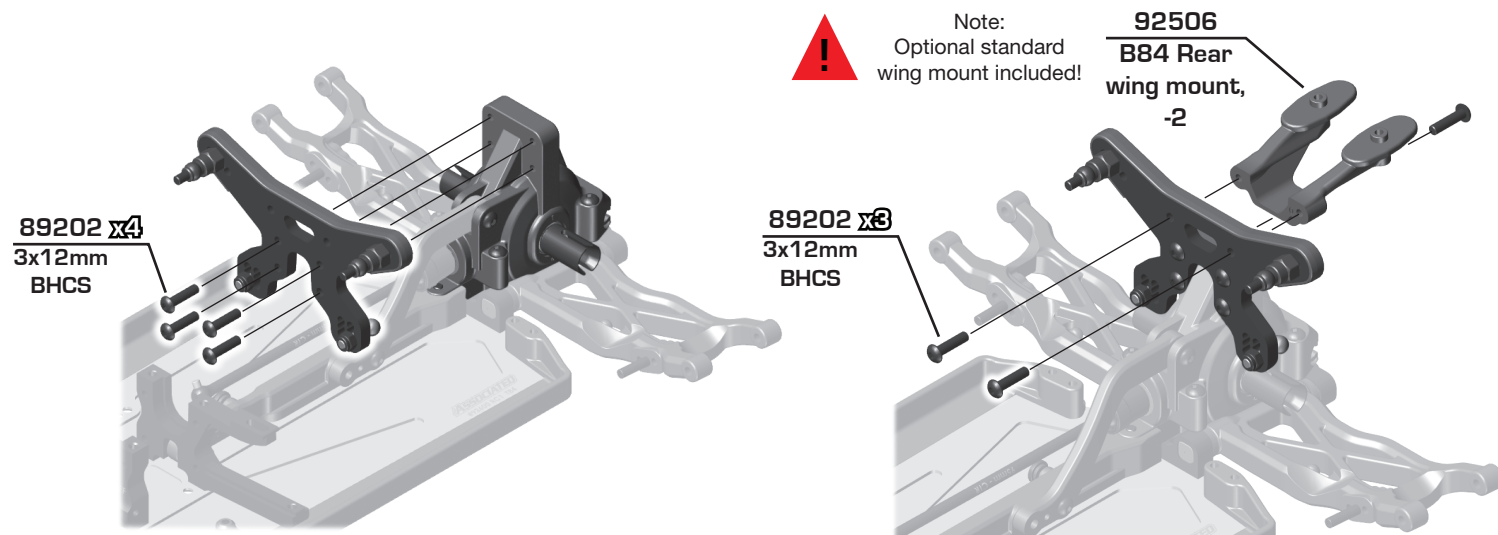
:: Bag 5 - Step 2



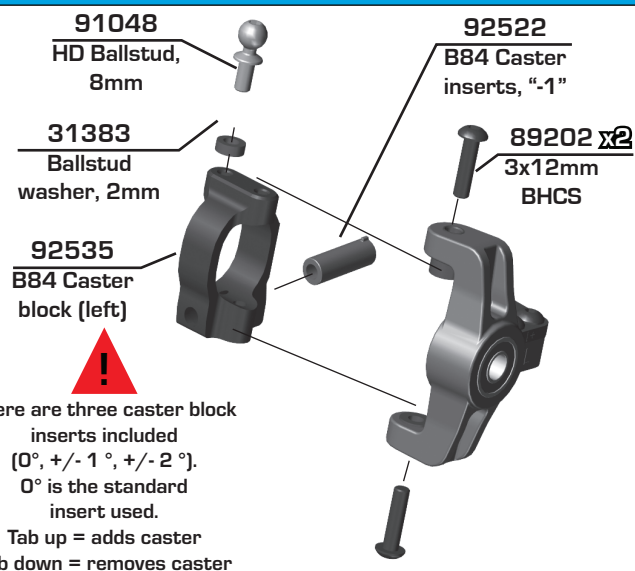
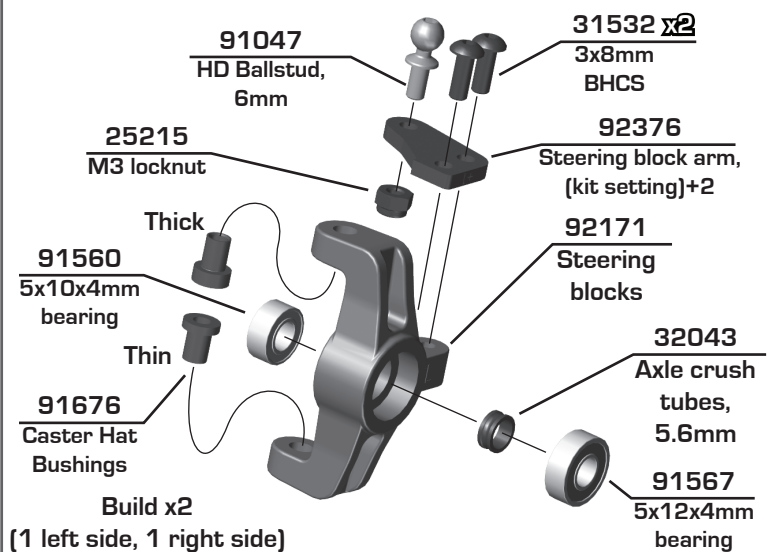
:: Bag 5 - Step 3



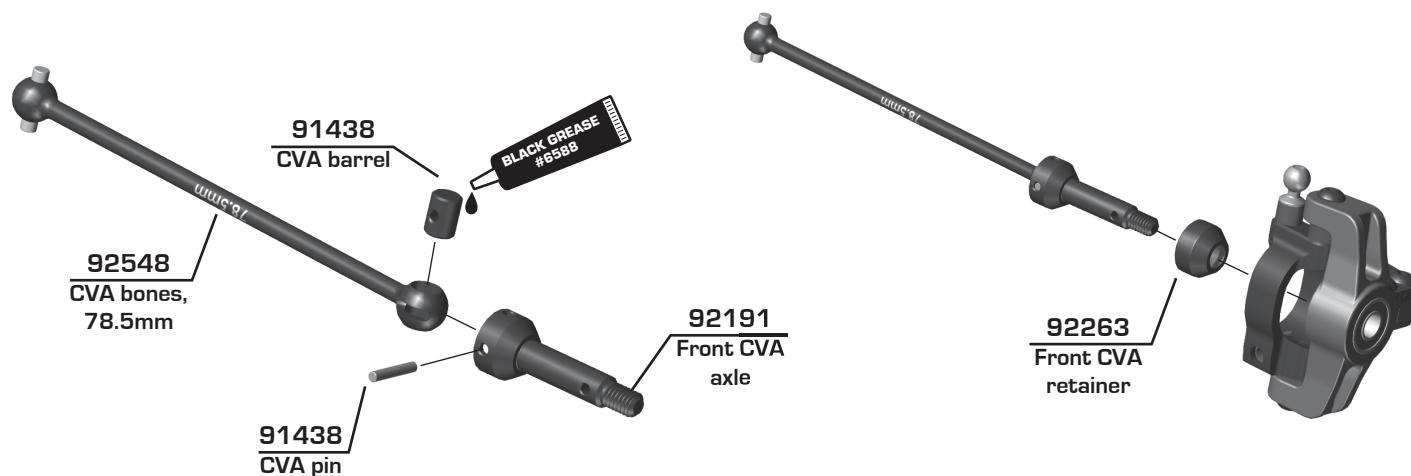
:: Bag 5 - Step 4



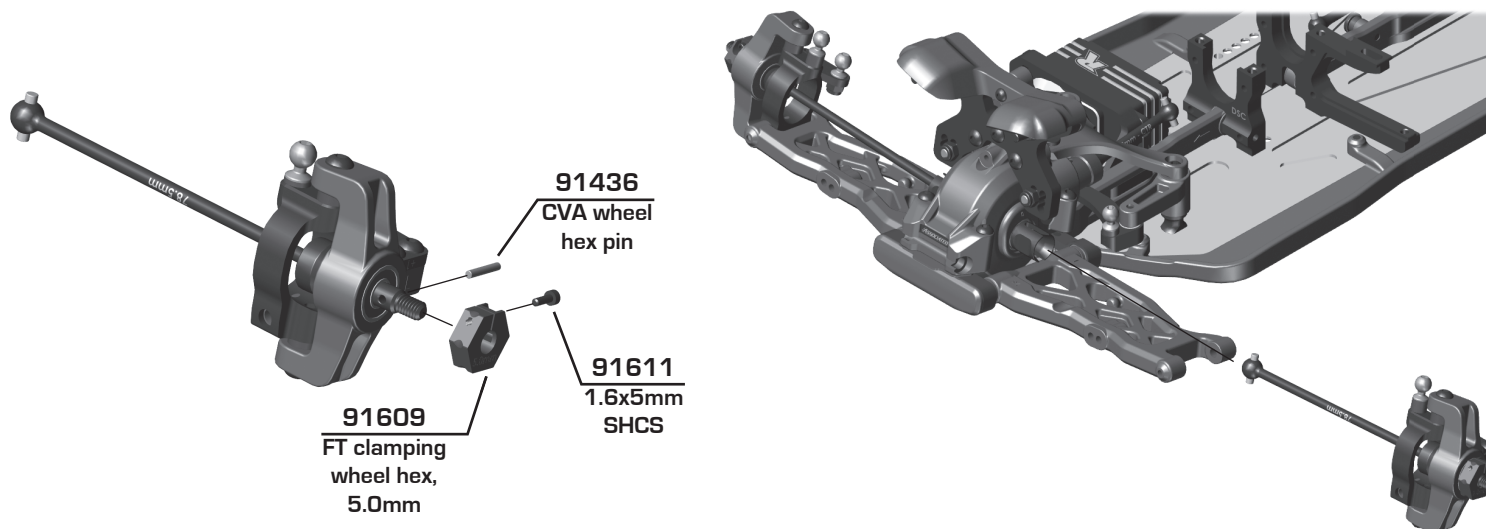
:: Bag 6 - Step 1



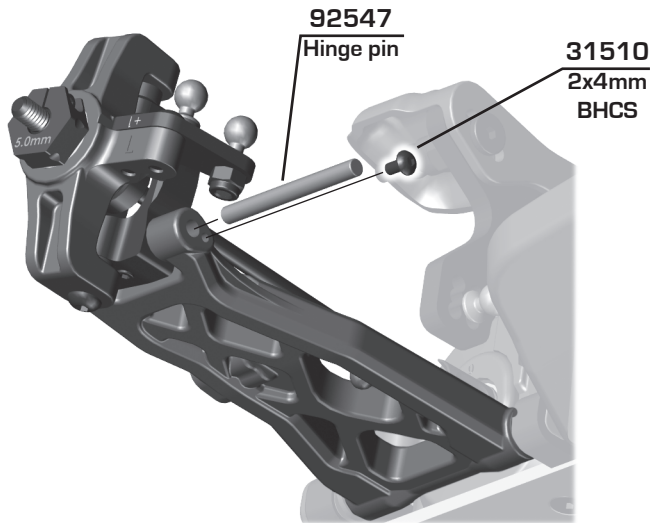
:: Bag 6 - Step 2



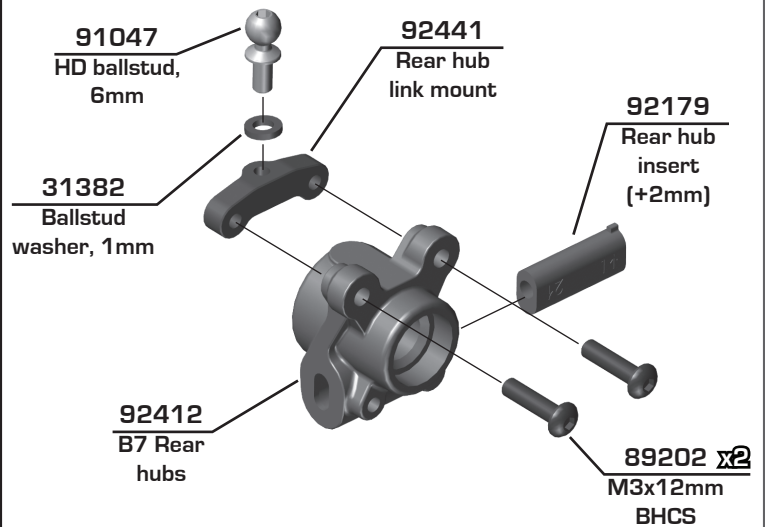
:: Bag 6 - Step 3



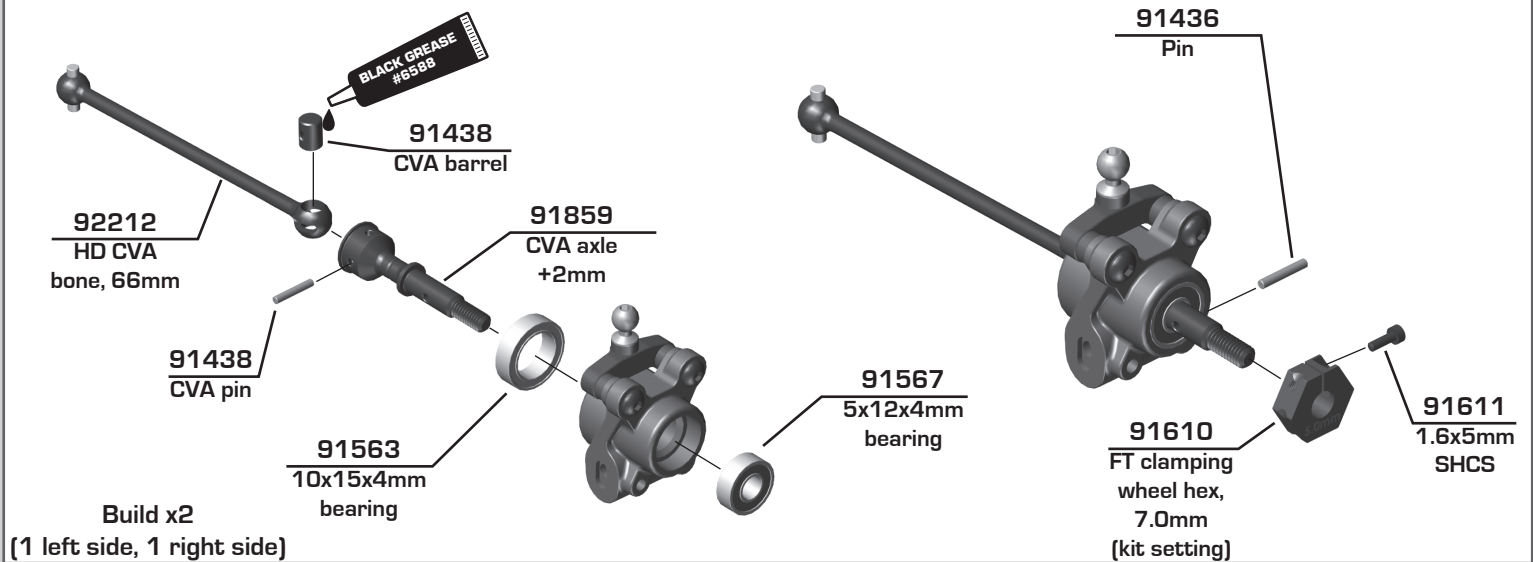
:: Bag 6 - Step 4



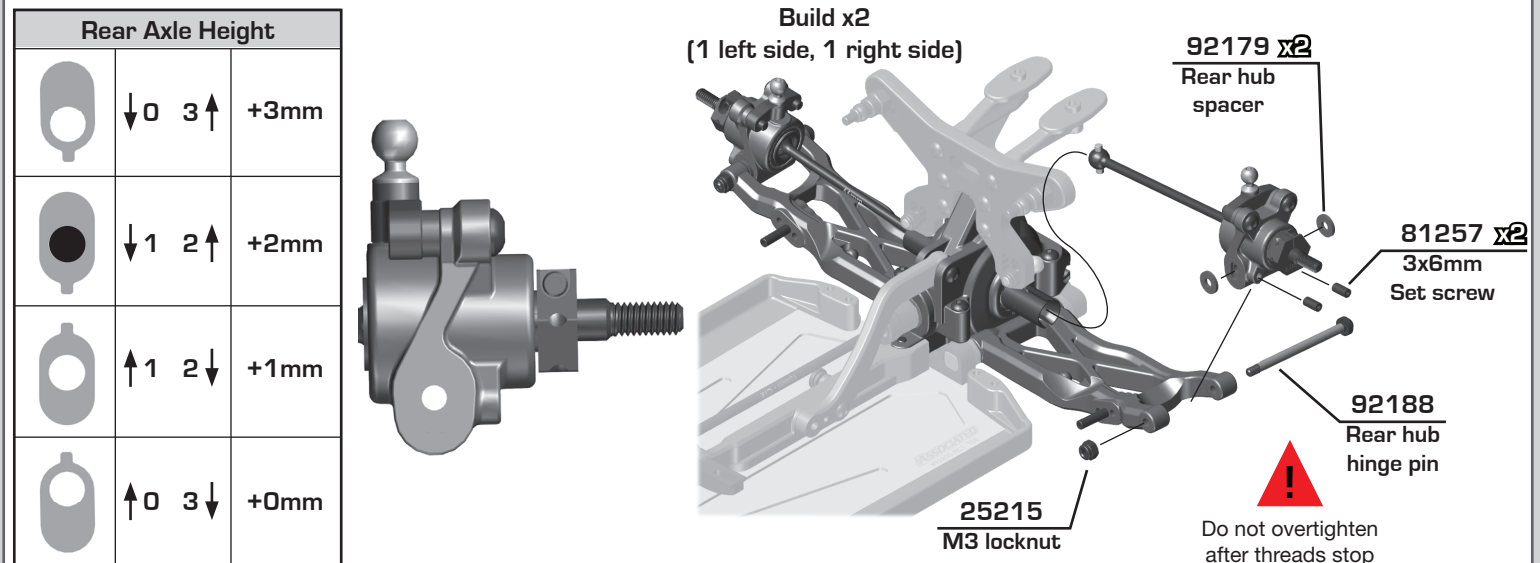
:: Bag 7 - Step 1



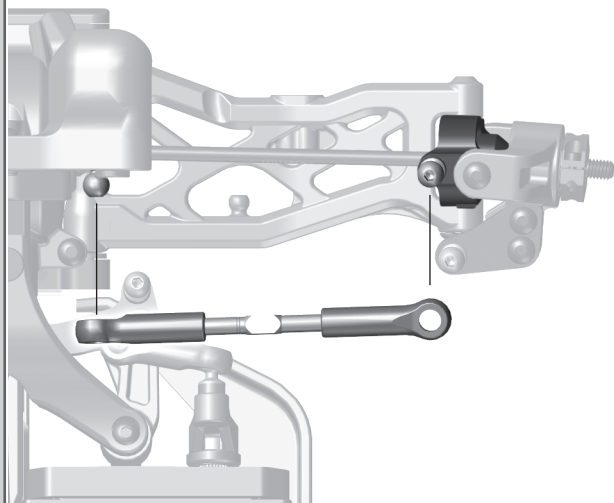
:: Bag 7 - Step 2



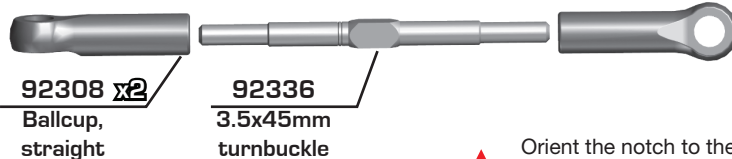
:: Bag 7 - Step 3



:: Bag 8 - Step 1



Build x2 (1 left side, 1 right side)



92558
FT Titanium
turnbuckle
set



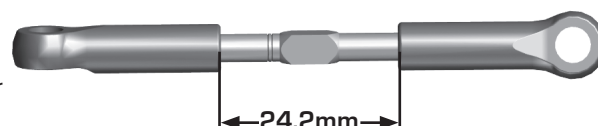
92348
FT Titanium
turnbuckle
3.5x45mm



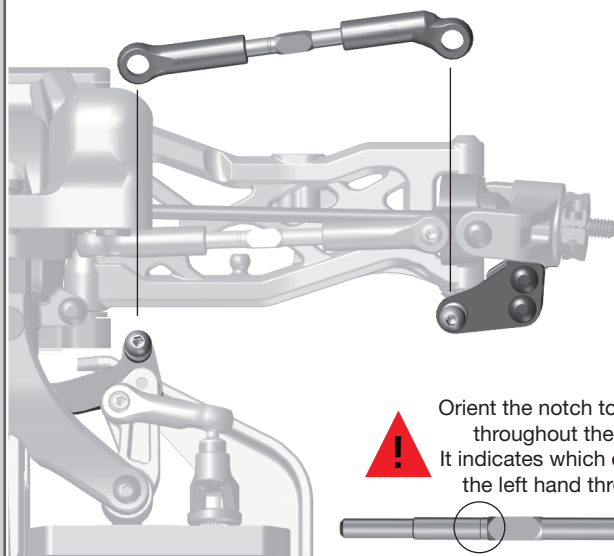
Orient the notch to the left throughout the car. It indicates which end has the left hand threads!



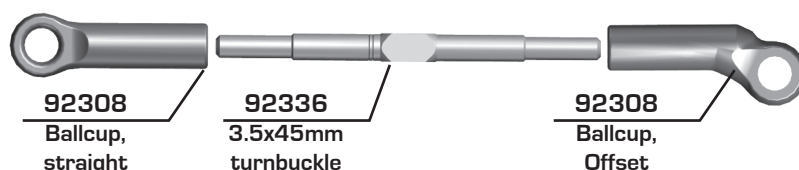
Note:
All turnbuckle inner
measurements are
approximate.



:: Bag 8 - Step 2



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



92558
FT Titanium
turnbuckle
set



92348
FT Titanium
turnbuckle
3.5x45mm

Left



Right

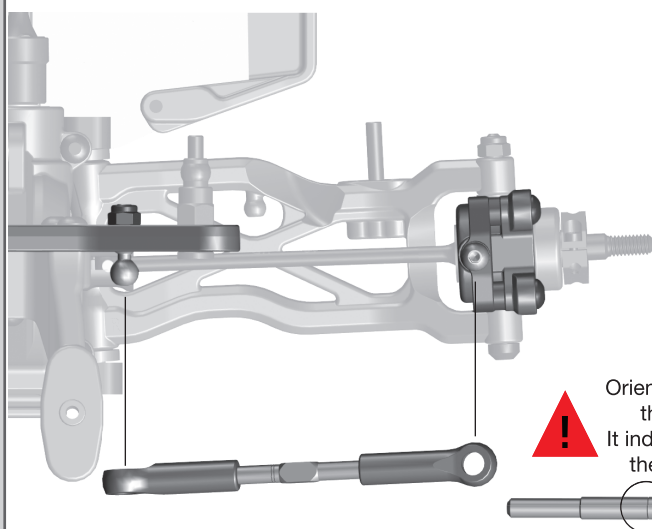


21.2mm

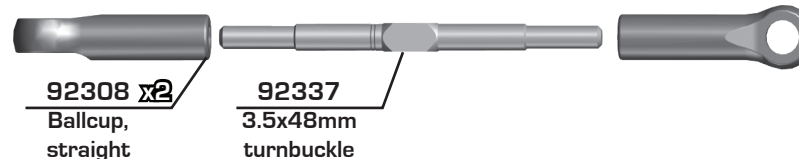
There is two offset ballcups labeled "1" and "2". The ballcup labeled "1" goes on the left side of the car.

Build x2 (1 left side, 1 right side)

:: Bag 8 - Step 3



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



92558
FT Titanium
turnbuckle
set

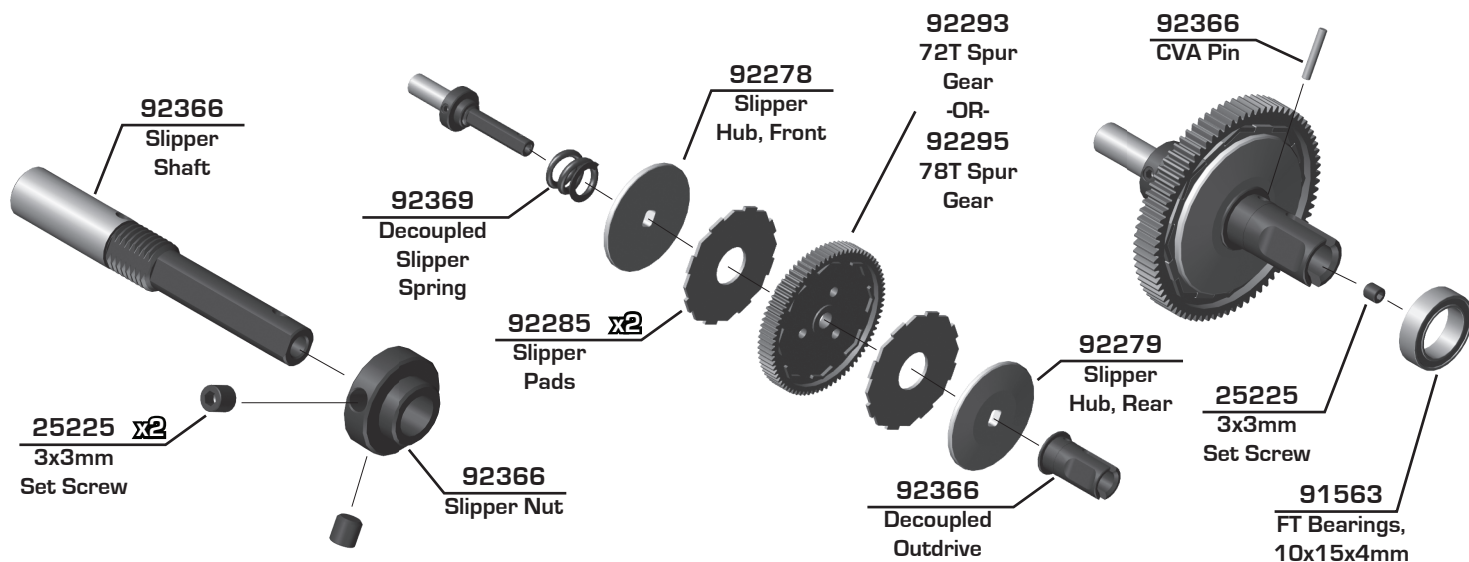


92349
FT Titanium
turnbuckle
3.5x48mm

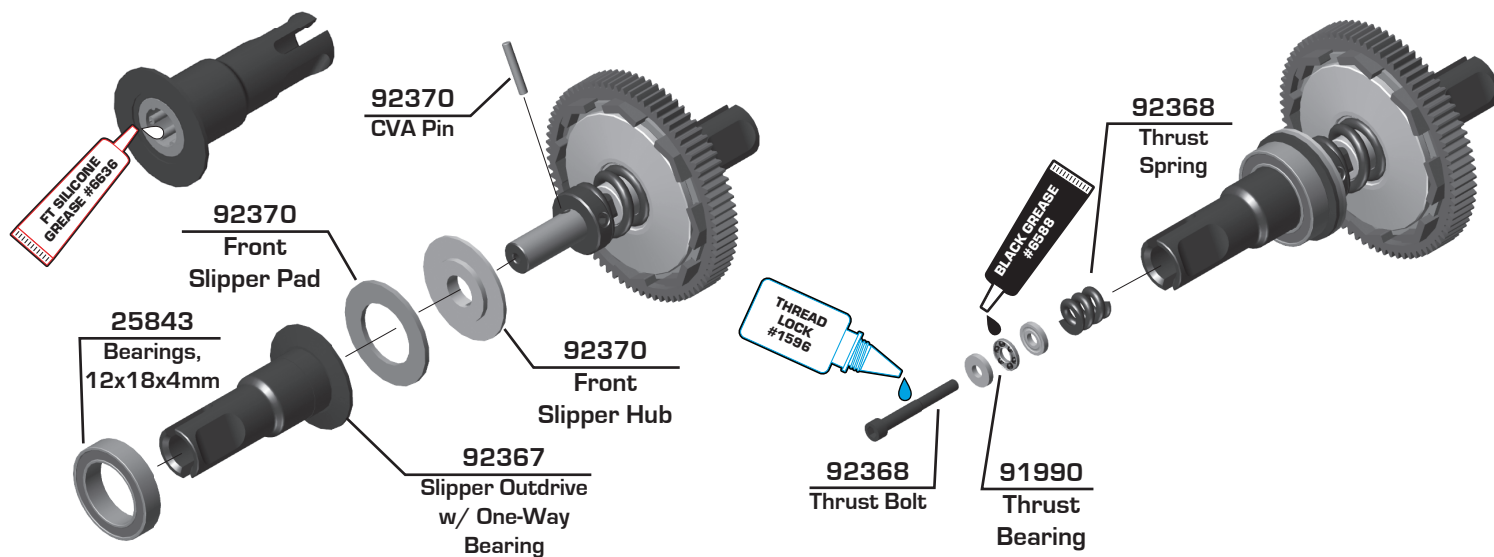


Build x2 (1 left side, 1 right side)

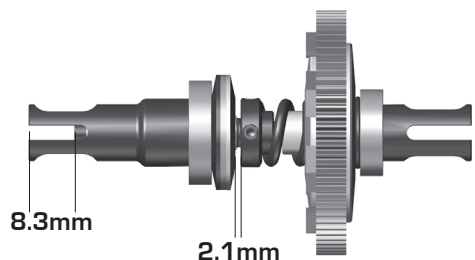
:: Bag 9 - Step 1



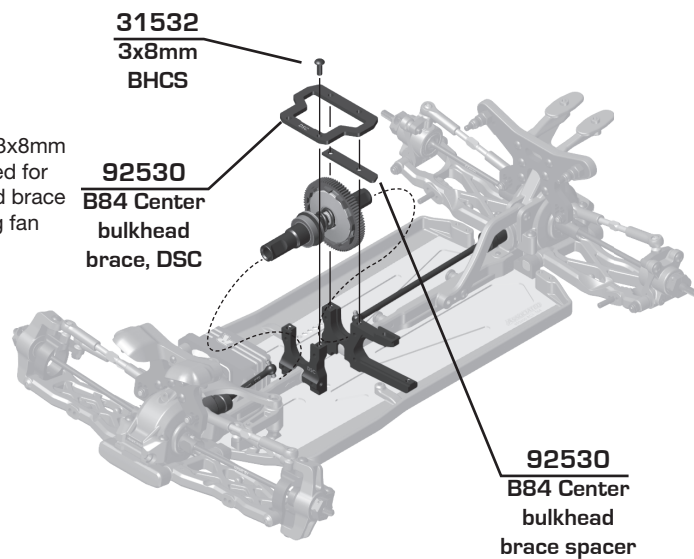
:: Bag 9 - Step 2



:: Bag 9 - Step 3

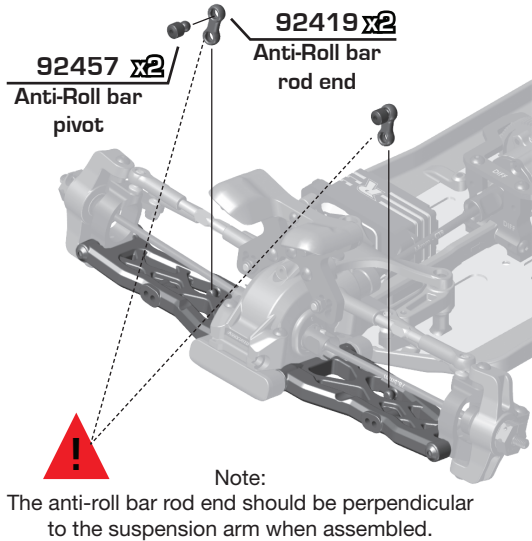


Note:
Two additional 3x8mm BHCS included for center bulkhead brace if not running fan mount.



Spur gear direction has a cutout to fit over the slipper housing

:: Bag 10 - Step 1



!
Note: Orient the set screws in the same location on left and right side.

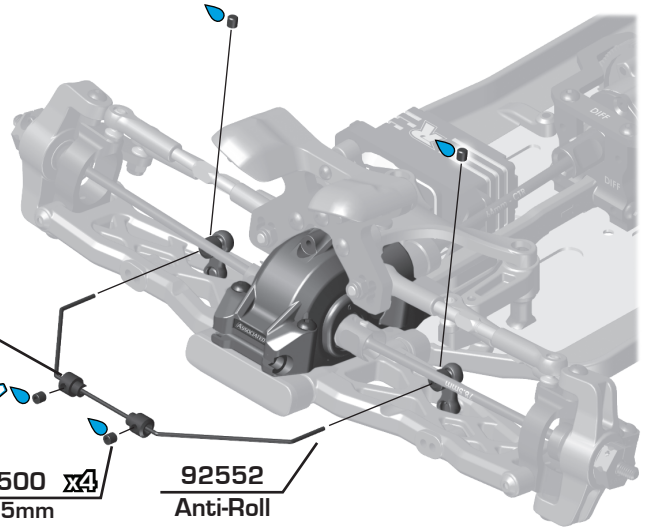
Note: Leave some side to side movement when setting the anti-roll bar collars. The anti-roll bar should not bind the suspension

92457 x2
Anti-roll bar collar

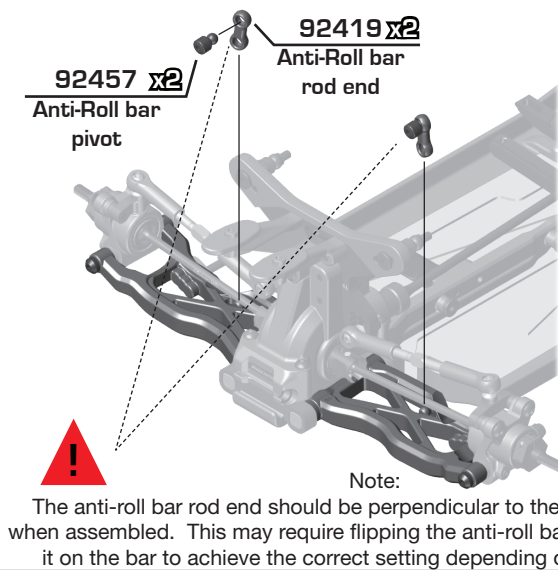


31500 x4
3x2.5mm
Set screw

92552
Anti-Roll bar 1.8mm



:: Bag 10 - Step 2



!
Note: Orient the set screws in the same location on left and right side.

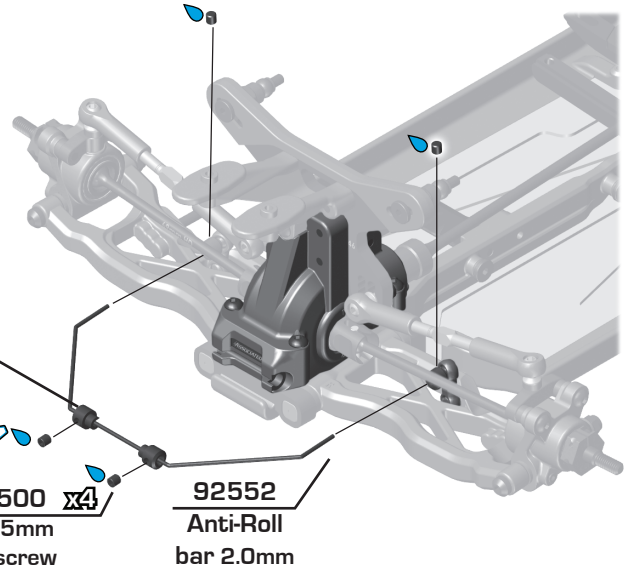
Note: Leave some side to side movement when setting the anti-roll bar collars. The anti-roll bar should not bind the suspension

92457 x2
Anti-roll bar collar

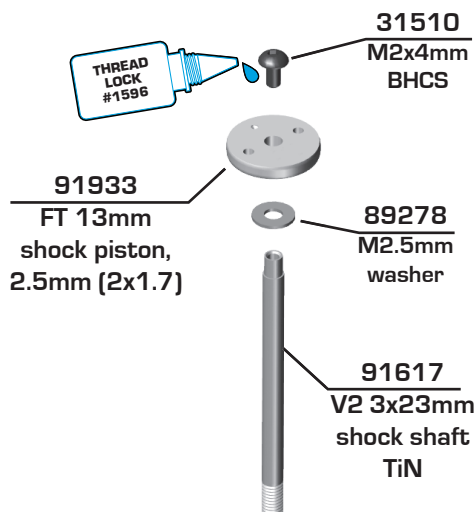


31500 x4
3x2.5mm
Set screw

92552
Anti-Roll bar 2.0mm



:: Bag 11 - Step 1



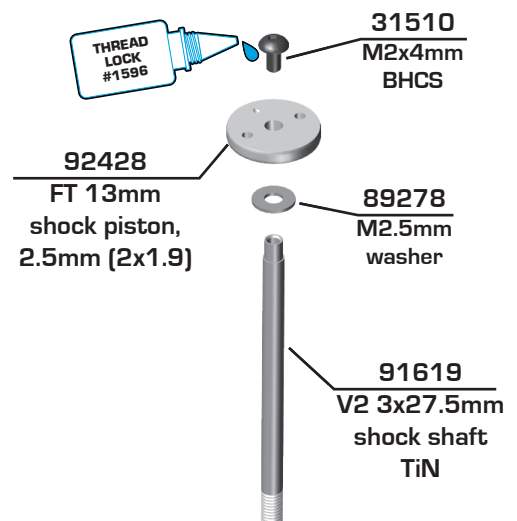
!
Mount the shock pistons with the number facing up!



Racers Tip:

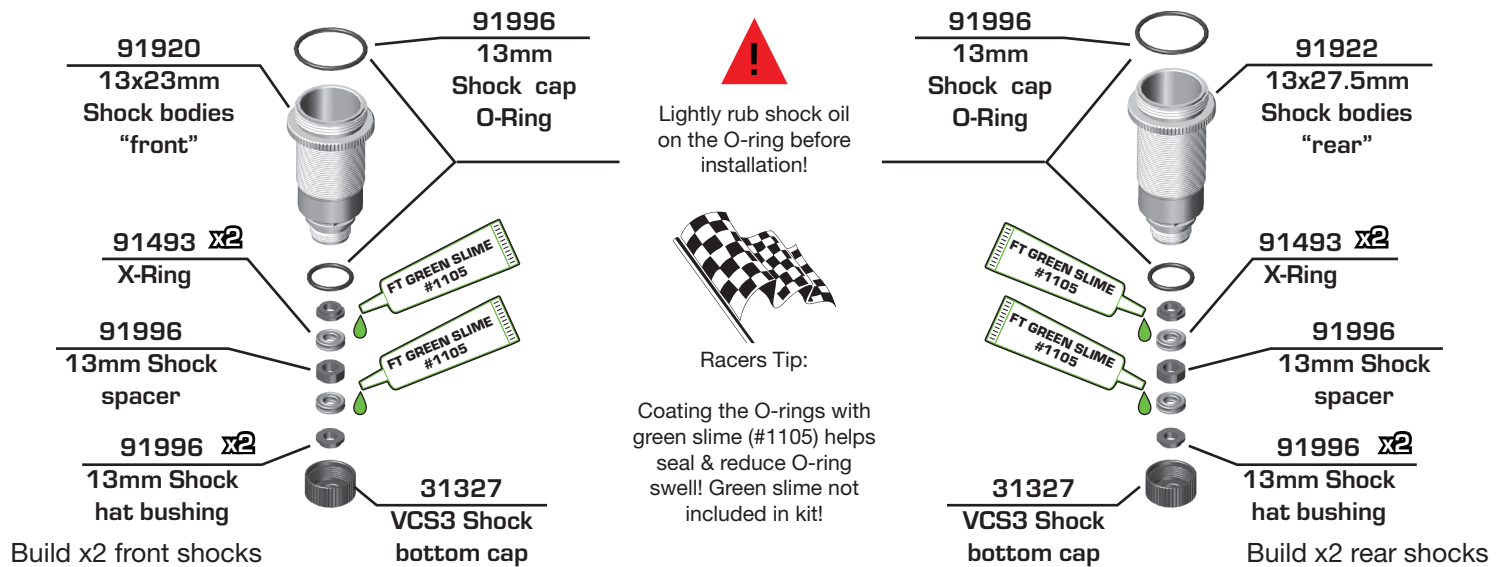
Use a marker over the numbers on the pistons to make them easily visible!

Build x2 front shocks

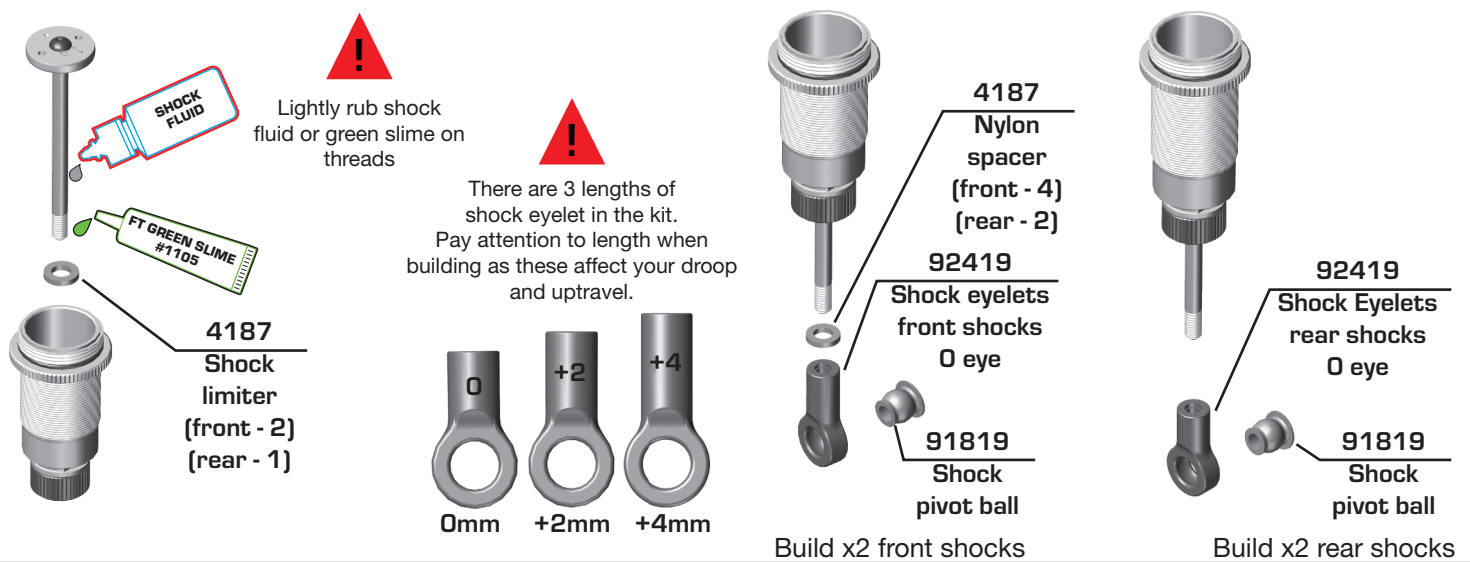


Build x2 rear shocks

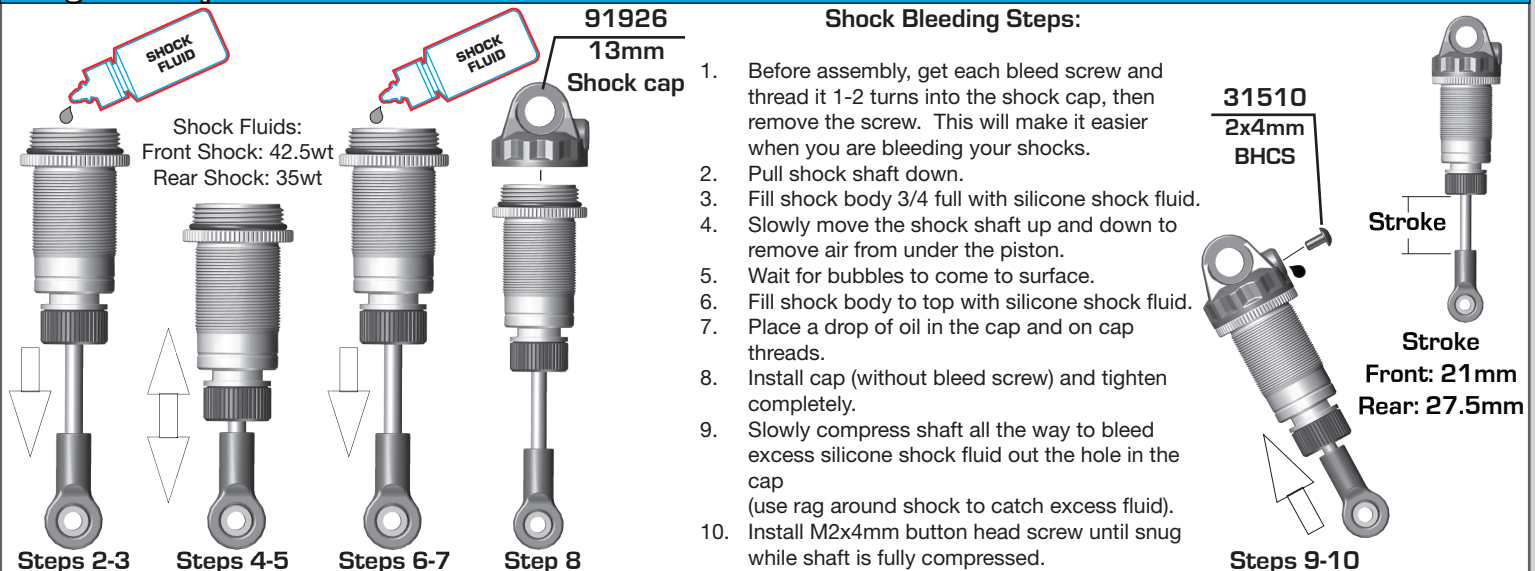
Bag 11 - Step 2



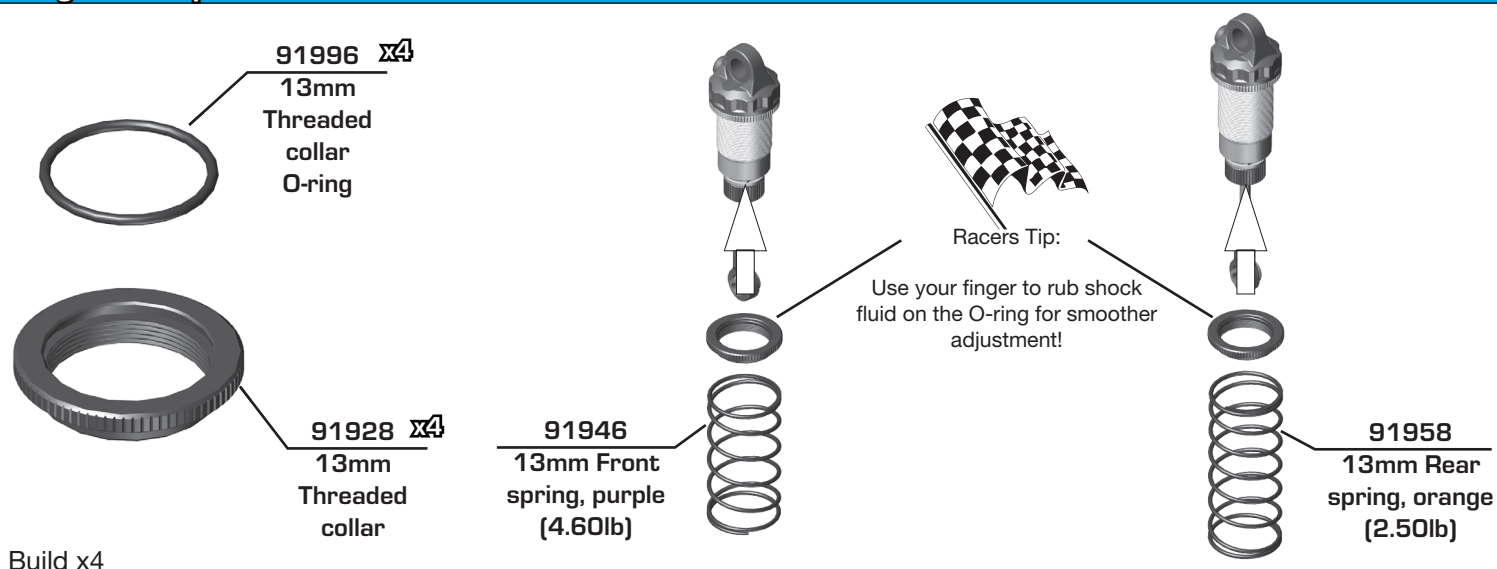
Bag 11 - Step 3



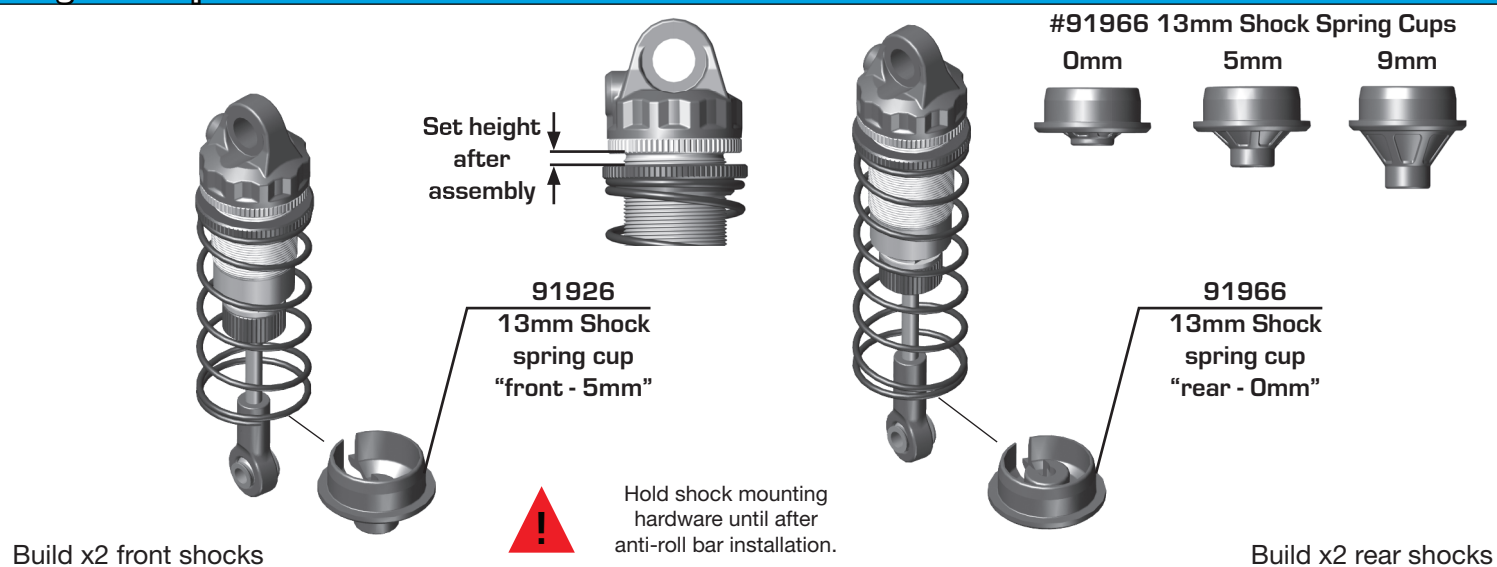
Bag 11 - Step 4



:: Bag 11 - Step 5

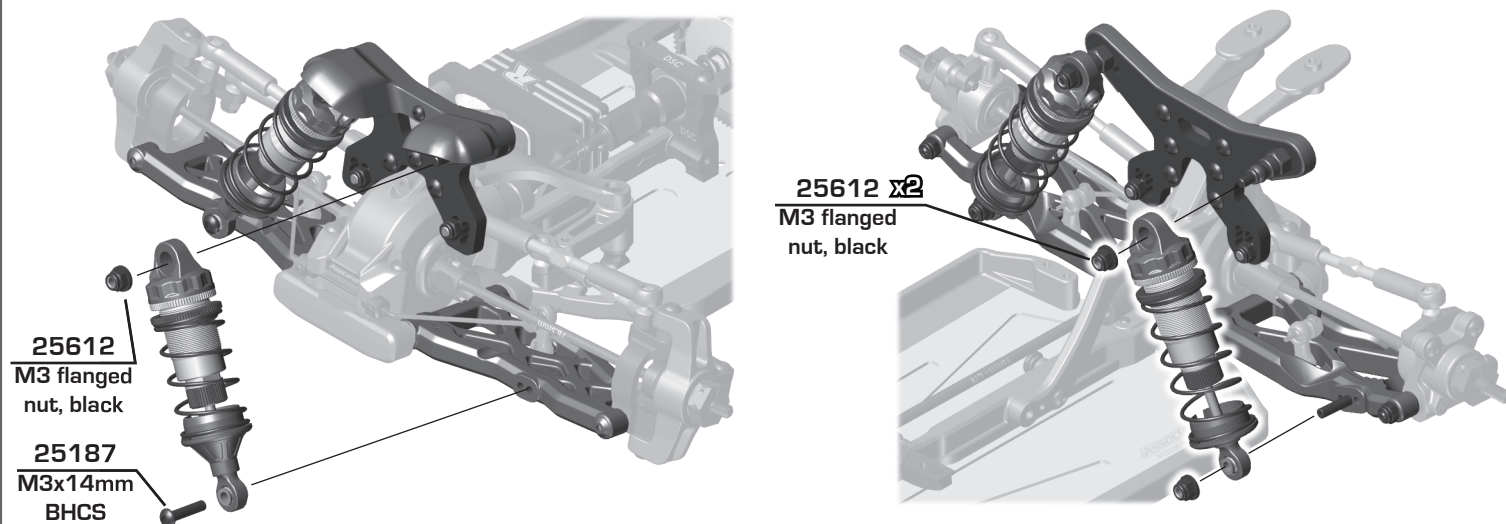


:: Bag 11 - Step 6

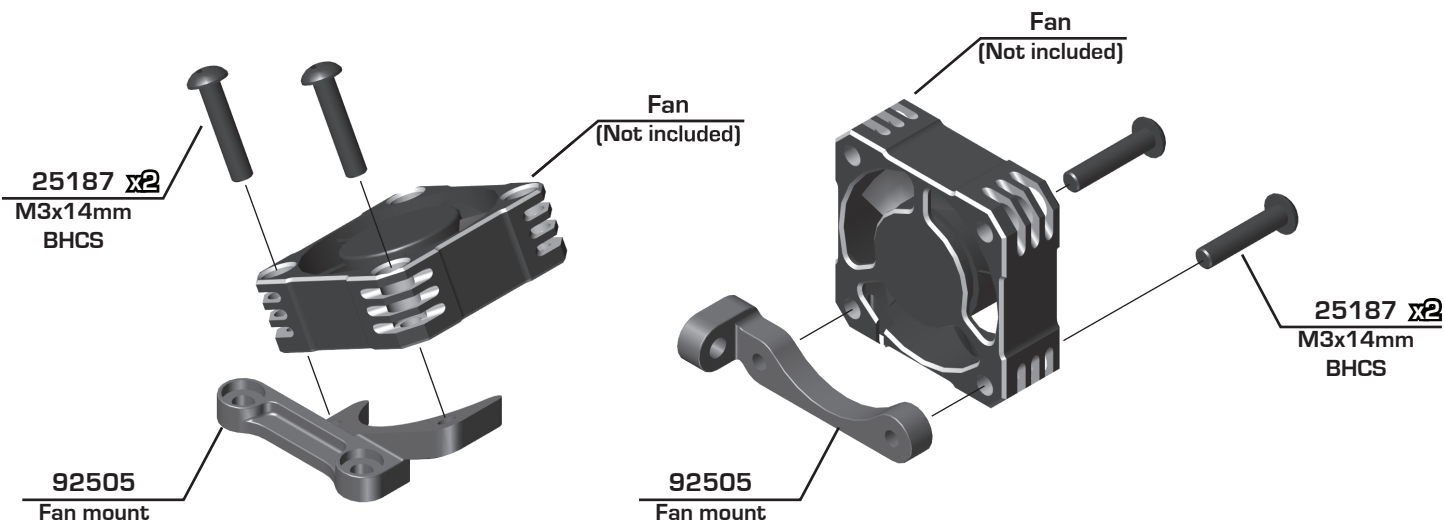


:: Bag 11 - Step 7

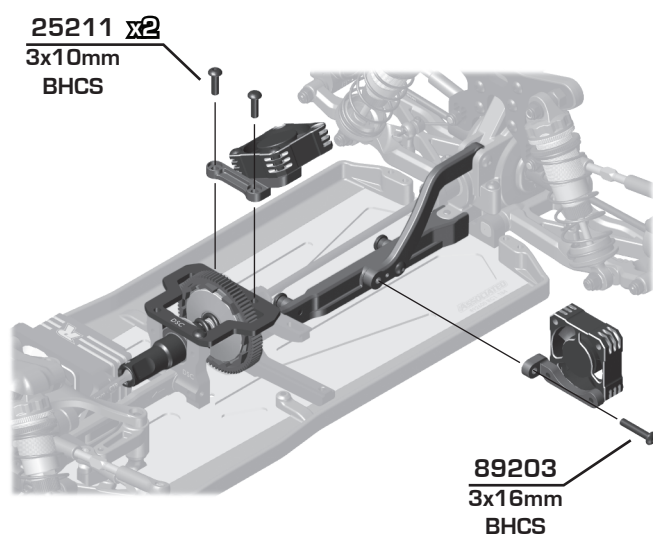
Install x2 front and x2 rear shocks



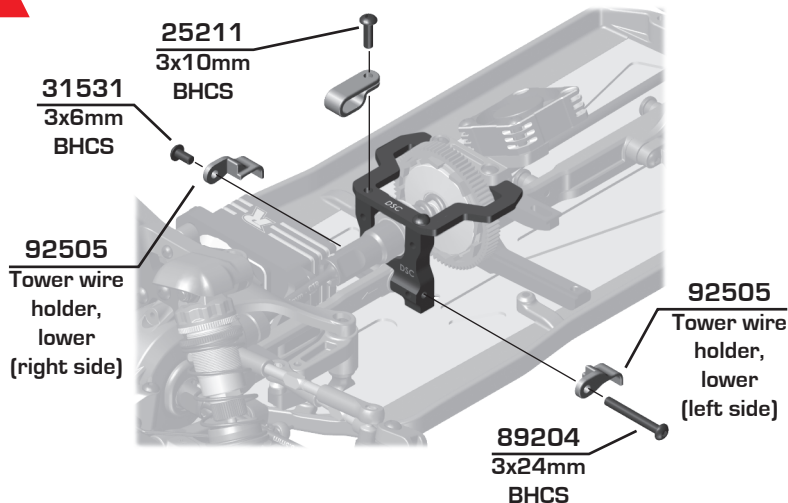
:: Bag 12 - Step 1



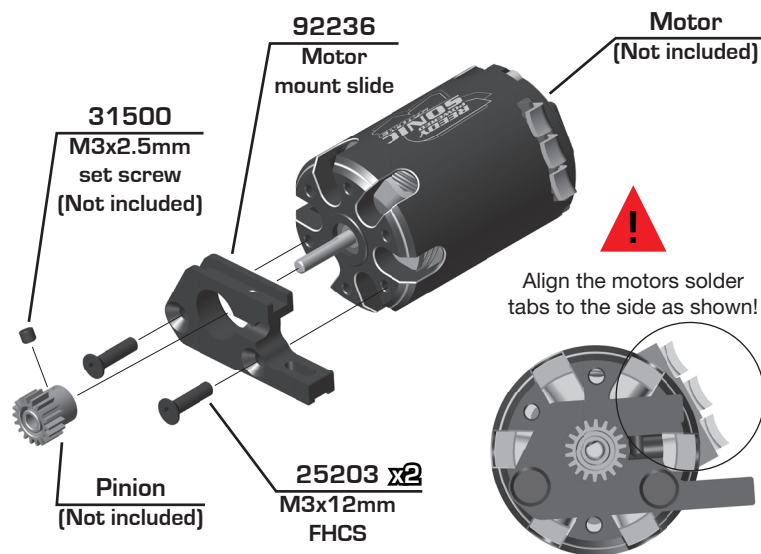
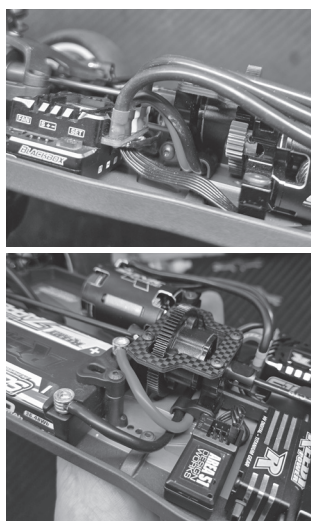
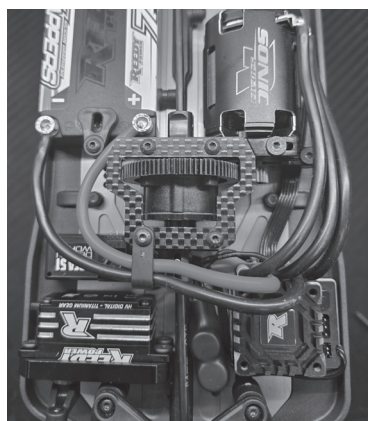
:: Bag 12 - Step 2



Optional to run lower two wire holders or just the top holder.

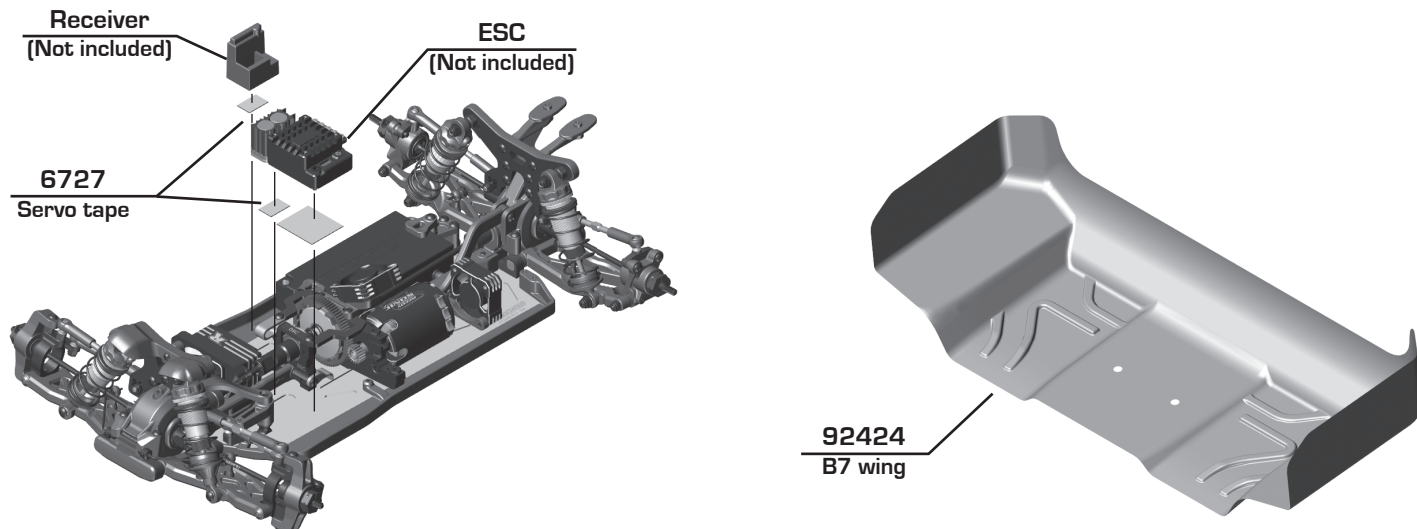


:: Bag 12 - Step 3

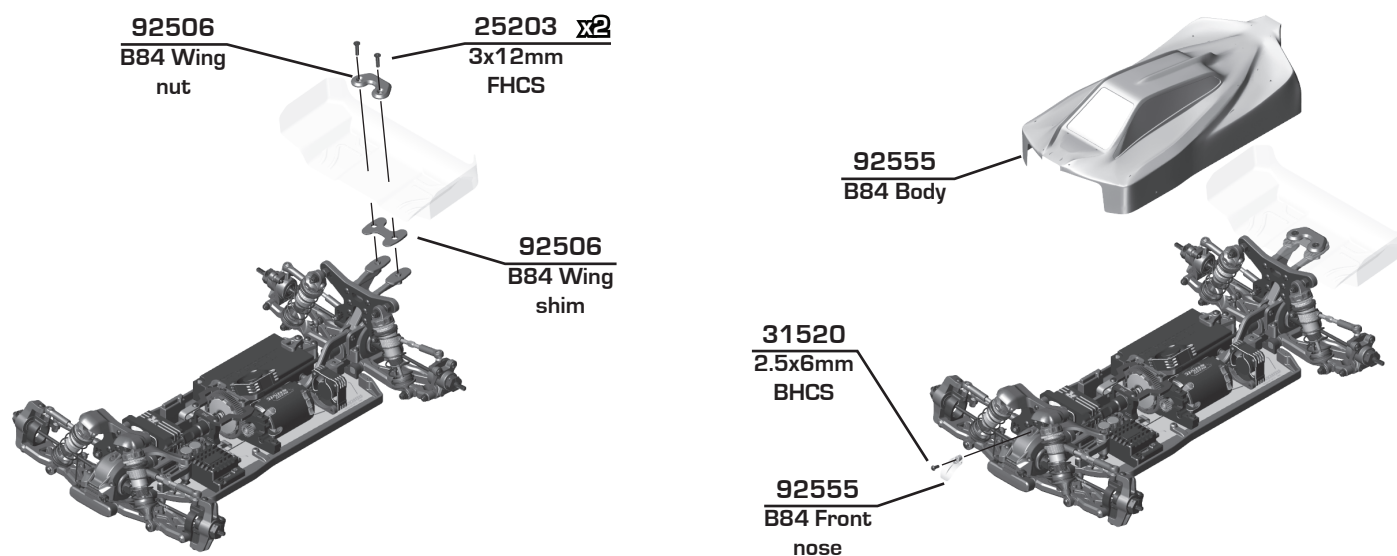




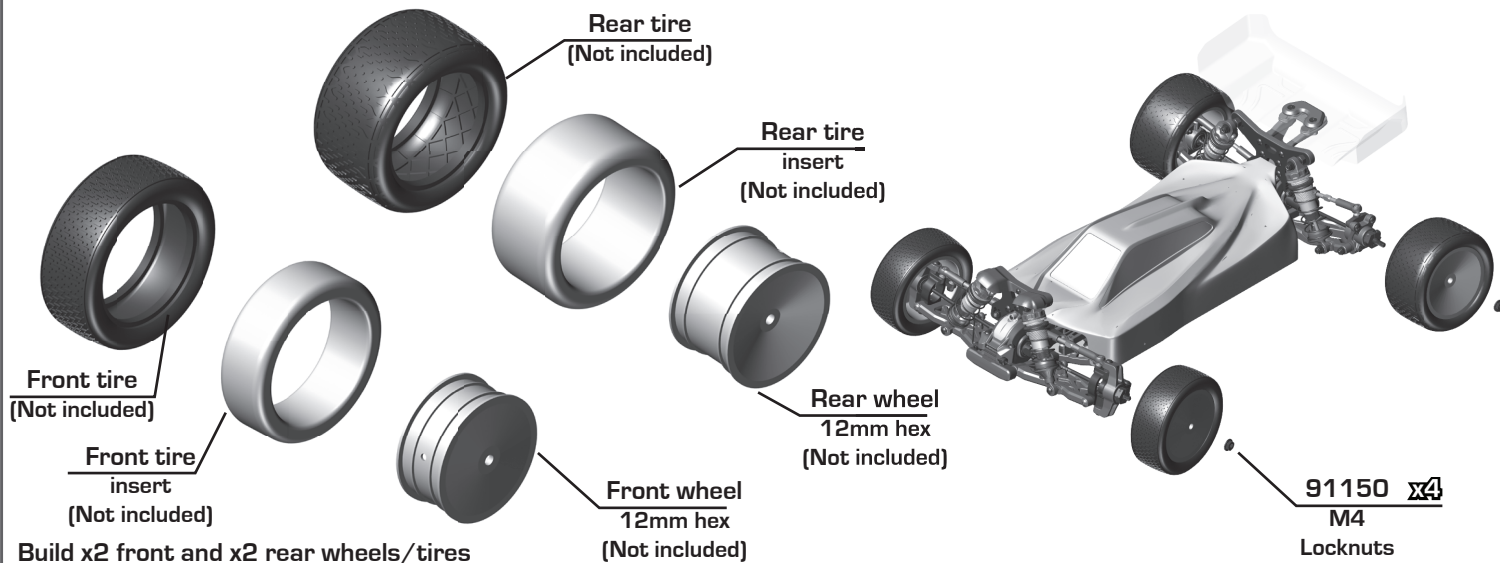
Bag 12 - Step 7



Bag 12 - Step 8



Bag 12 - Step 9

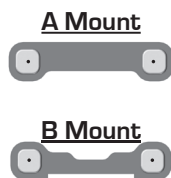


:: Tuning Tips - Front Arm Mount Pill Insert Setups

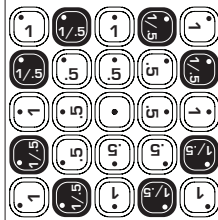
Standard Position

Use this position as a reference when changing pill locations.

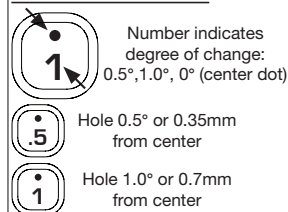
Kick-up: 10°
Roll Center: +0
Pin Width: +0



Possible Insert Locations



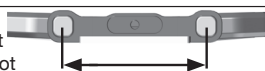
Insert Hole Locations



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

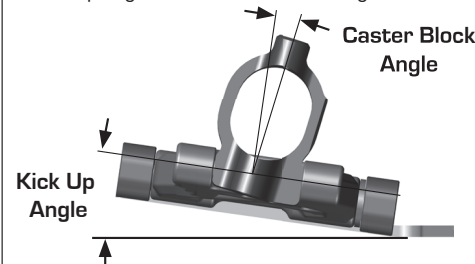
More angle = More kick up
Less angle = Less kick up



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.



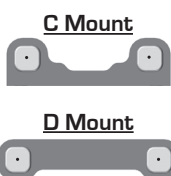
		Kick Up Angle			
		8°	9°	10°	11°
Caster Block Angle	6°	14°	15°	16°	17°
	7°	15°	16°	17°	18°
	8°	16°	17°	18°	19°
	9°	17°	18°	19°	20°
	10°	18°	19°	20°	21°

:: Tuning Tips - Rear Arm Mount Pill Insert Setups

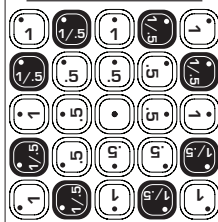
Standard Position

Use this position as a reference when changing pill locations.

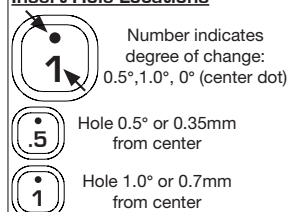
Toe: 3°
Anti-Squat: 2°
Roll Center: +0
Pin Width: +0



Possible Insert Locations



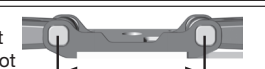
Insert Hole Locations



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

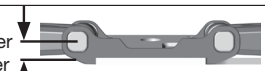
More distance = wider pivot
Less distance = narrower pivot



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

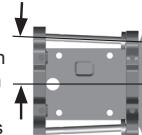
More angle = More anti-squat
Less angle = Less anti-squat



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:	11mm
Camber:	-1 deg
Toe:	0 deg
Anti-Roll Bar:	1.8mm
Arm Type:	73mm
Tower Type:	73mm Arm Tower
Wheelbase Shim:	Arm Middle
Wheel Hex:	5mm
Steering Block Type:	B74
Caster Block:	-2° ☐ -1° ☒ 0° ☐ +1° ☐ +2° ☐
Chassis Brace Material:	Kit
Top Plate Brace Material:	Kit
Front Axles:	CVA ☒ DCV ☐
Notes:	T84 A and B Mount

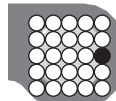
Lower Brace Type: Fixed ☐ Pivot ☒



Ball Stud Spacing: 2mm

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

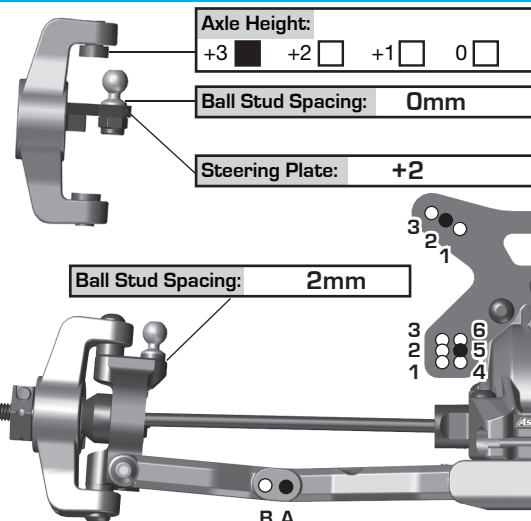
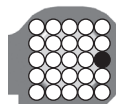
Shims: 0.7mm A Mount Shim



Diff Height:

+3	☐
+2	☐
+1	☐
+0	☒

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



Axle Height: +3 ☒ +2 ☐ +1 ☐ 0 ☐

Ball Stud Spacing: 0mm

Steering Plate: +2

Ball Stud Spacing: 2mm

B A

Rear Suspension:

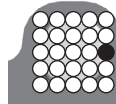
Ride Height:	11mm
Camber:	-1 deg
Anti-Roll Bar:	2.0mm
Arm Type:	Kit - B7
Tower Type:	Kit
Wheelbase Shim:	Arm Middle
Wheel Hex:	7mm
Hub Type:	Kit - B7 HRC
Drive Shaft Type:	66mm Bone
Chassis Brace Material:	Kit
Upper Chassis Brace Material:	Kit
Hub Spacing:	Fwd ☐ Mid ☒ Back ☐
Notes:	

Lower Brace Type: Fixed ☐ Pivot ☒



Rear Chassis Brace Screws:

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



Axle Height:

▼0	3▲	+3
▼1	2▲	+2
▲1	2▼	+1
▲0	3▼	+0

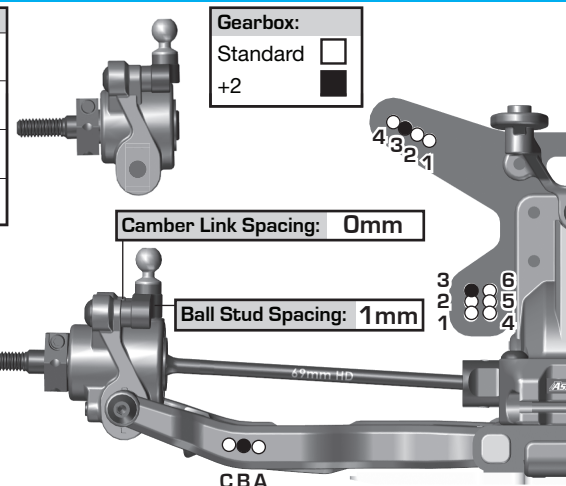
Arm Mount D: 1° ☒ 0.5° ☐
Gray ☒ Black ☐

Shims:



Diff Height:

+3	☐
+2	☐
+1	☐
+0	☒



Gearbox: Standard ☐ +2 ☒

Camber Link Spacing: 0mm

Ball Stud Spacing: 1mm

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:	30K		100K
Gears:	LTC		LTC
Type:	Metal		Metal
Notes:			

Slipper Clutch:

Type:
of Pads:
Setting:
Notes:

Shocks:

	Front	Rear
Piston:	2x1.7	2x1.9
Thickness:	2.5mm	2.5mm
Fluid:	42.5wt	35wt
Spring:	Purple	Orange
Limiters: Int: 2 Ext: 4	Int: 1 Ext: 2	
Stroke:	21mm	27.5mm
Eyelet:	0	0
Cup Offset: 0 ☐ +5 ☒ +9 ☐ 0 ☒ +5 ☐ +9 ☐		
Kashima Bodies: ☐ Chrome Shafts: ☐ Machined Spacers: ☐		
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 ☐ -2 ☒
Wing Angle: 0° ☐ 3° ☐ 6° ☒	
Chassis:	T84
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: -2° ☐ -1° ☐ 0° ☐ +1° ☐ +2° ☐
Chassis Brace Material: _____
Top Plate Brace Material: _____
Front Axles: CVA ☐ DCV ☐
Notes: _____

Lower Brace Type: Fixed ☐ Pivot ☐



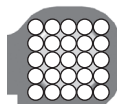
Ball Stud Spacing: _____

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

Shims: _____



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



Diff Height:

+3 ☐
+2 ☐
+1 ☐
+0 ☐



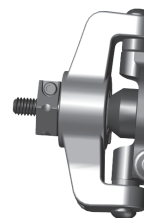
Axle Height:

+3 ☐ +2 ☐ +1 ☐ 0 ☐

Ball Stud Spacing: _____

Steering Plate: _____

Ball Stud Spacing: _____



B A

Rear Suspension:

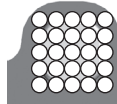
Ride Height: _____
Camber: _____
Anti-Roll Bar: _____
Arm Type: _____
Tower Type: _____
Wheelbase Shim: _____
Wheel Hex: _____
Hub Type: _____
Drive Shaft Type: _____
Chassis Brace Material: _____
Upper Chassis Brace Material: _____
Hub Spacing: Fwd ☐ Mid ☐ Back ☐
Notes: _____

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 ☐

Shims: _____



Axle Height:

▼0 3▲ +3
▼1 2▲ +2
▲1 2▼ +1
▲0 3▼ +0

Diff Height:

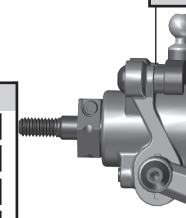
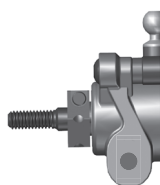
+3 ☐
+2 ☐
+1 ☐
+0 ☐

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 ☐ +5 ☐ +9 ☐	0 ☐ +5 ☐ +9 ☐
Kashima Bodies:	☐	Chrome Shafts: ☐ Machined Spacers: ☐
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: _____
Total Vehicle Weight: _____
Notes: _____

Vehicle Comments:

Notes: _____



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