

RC10 **B84.1D** TEAM KIT

TEAM ASSOCIATED

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

#90059 RC10 B84.1D 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.

⚡ RC10B84.1D 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

⚡ RC10B84.1D Legacy Features (from RC10 B84D)

- 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
- Center Differential Included
- 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
- 3.5mm Turnbuckles and Ballcaps
- 13mm Big-Bore Shocks

⚡ Additional

Your new RC10B84.1D 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)

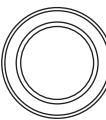
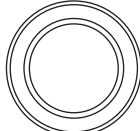
LP Socket Head (lp shcs)

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

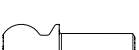
Nuts (lock/plain)

	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.

2

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



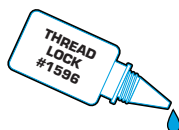
This symbol indicates there are optional FT parts available



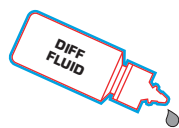
This symbol indicates a Racers Tip.



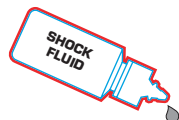
There is a 1:1 hardware foldout page in the front of the manual. To check the size of a part, line up your hardware with the correct drawing until you find the exact size. Each part in the foldout has a number assigned to it for ordering replacement parts.



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

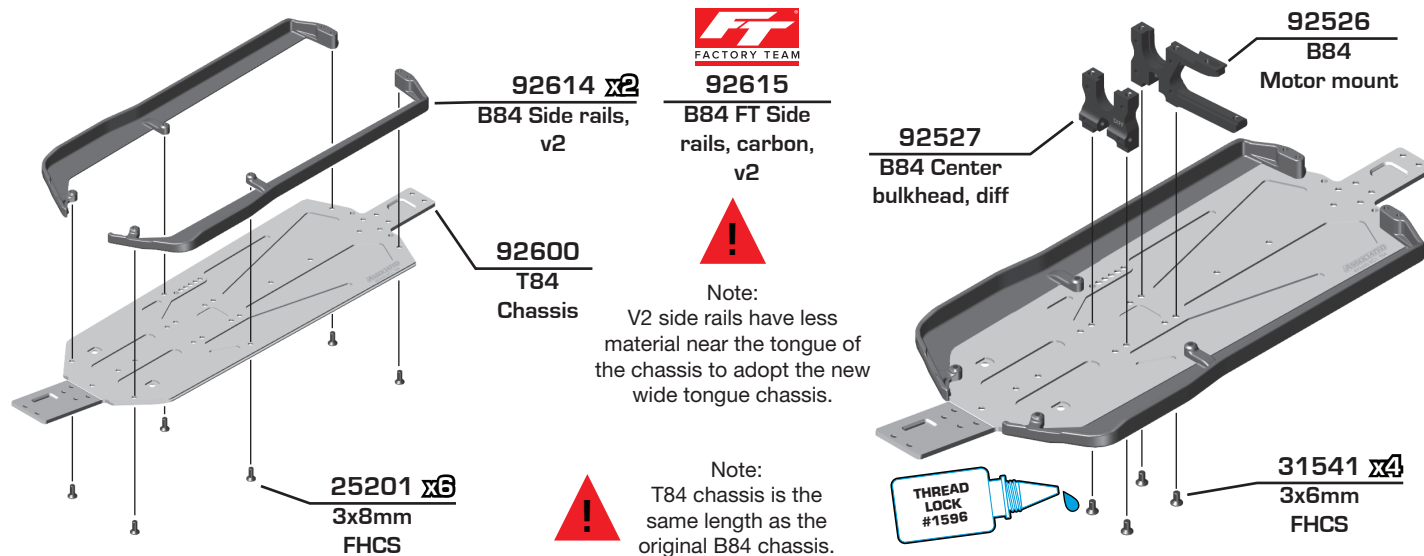


This symbol indicates where Black Grease should be applied.

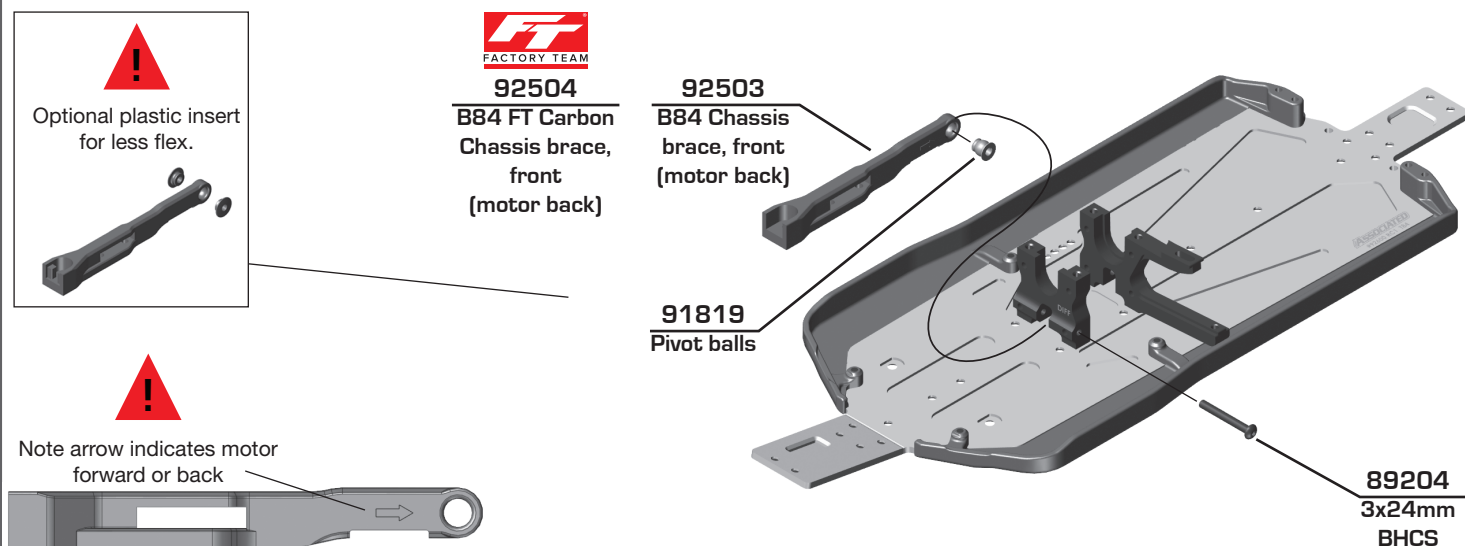


This symbol indicates where Green Slime can be applied. *not included

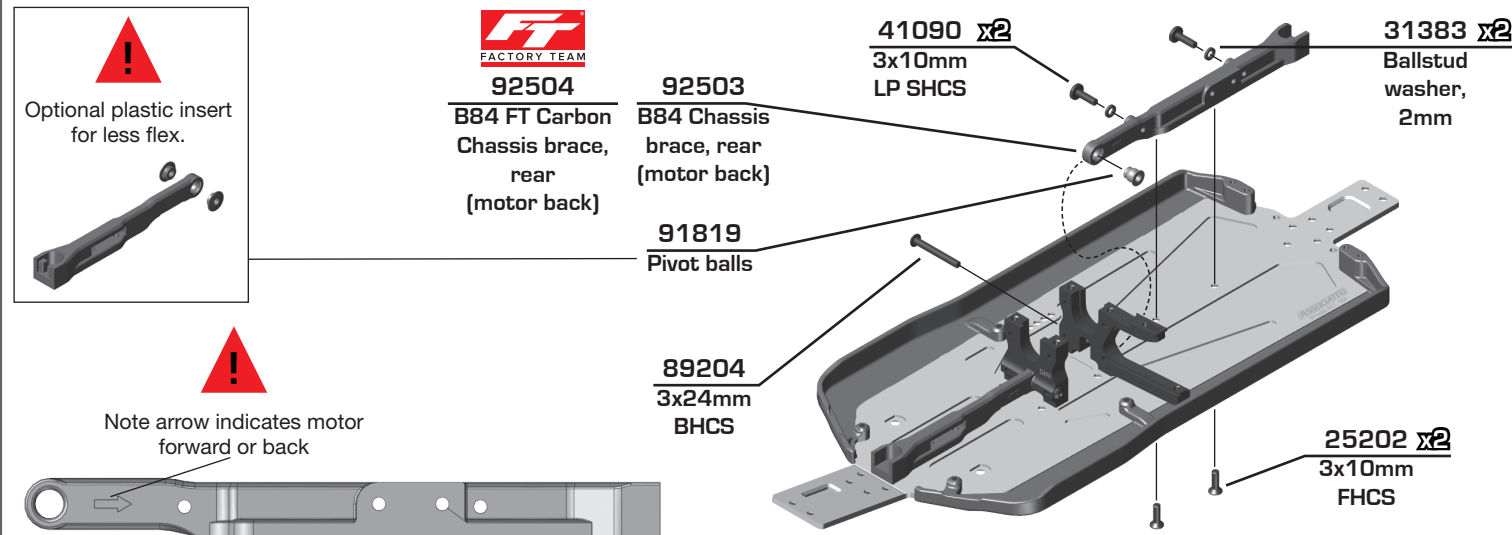
:: Bag 1 - Step 1



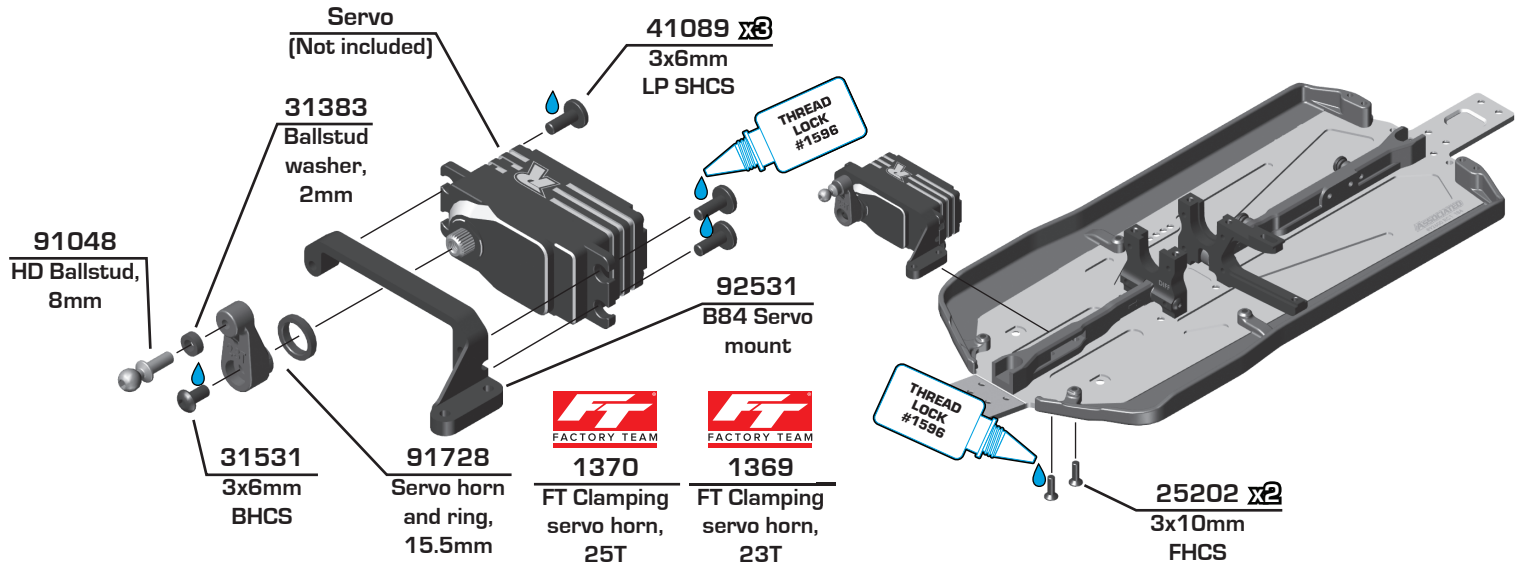
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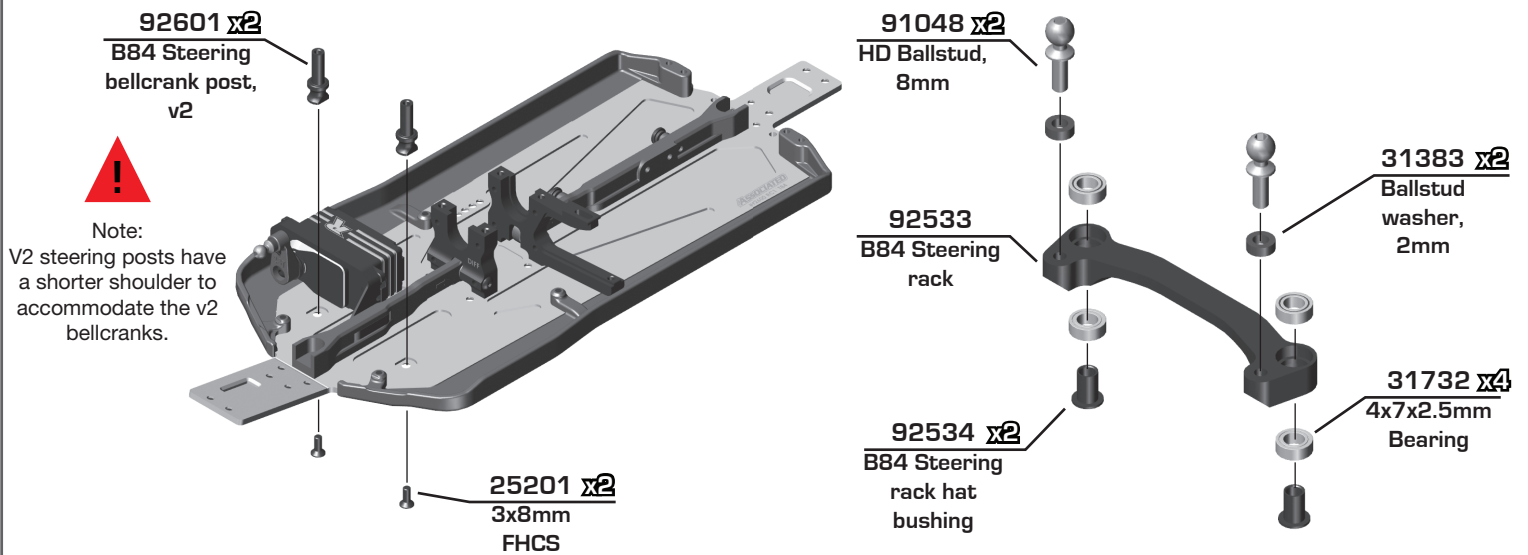
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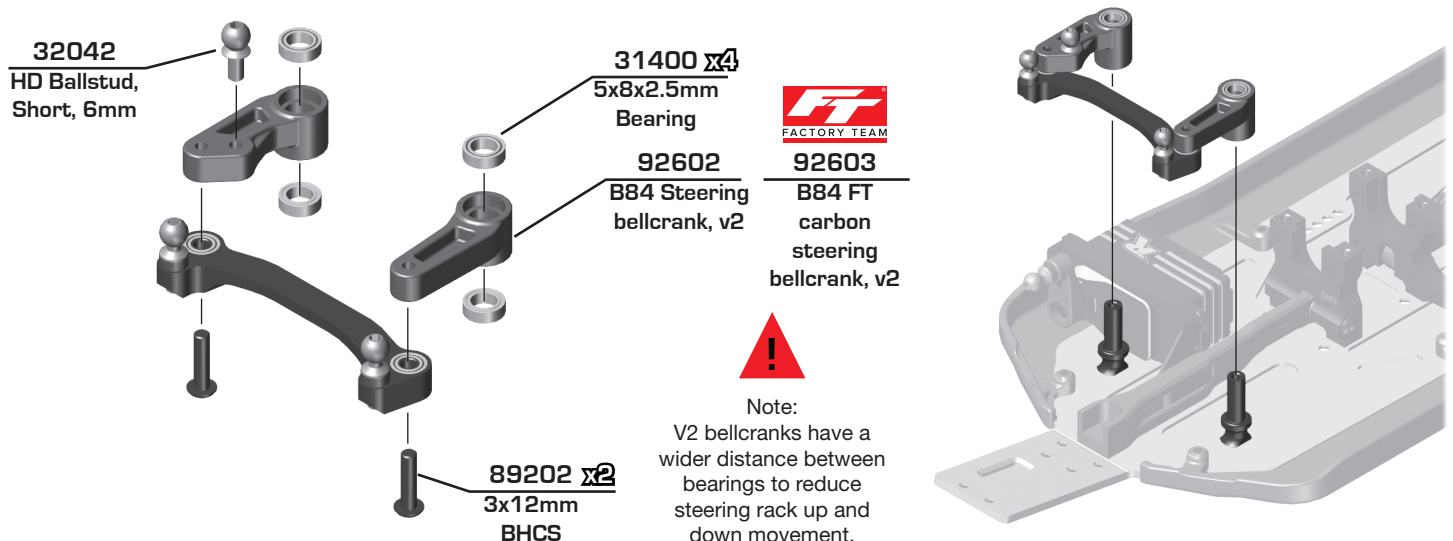
Bag 1 - Step 4



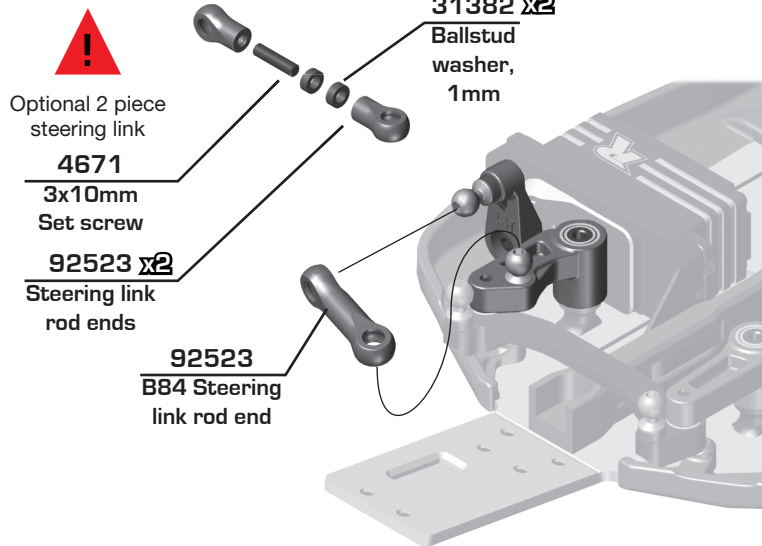
Bag 1 - Step 5



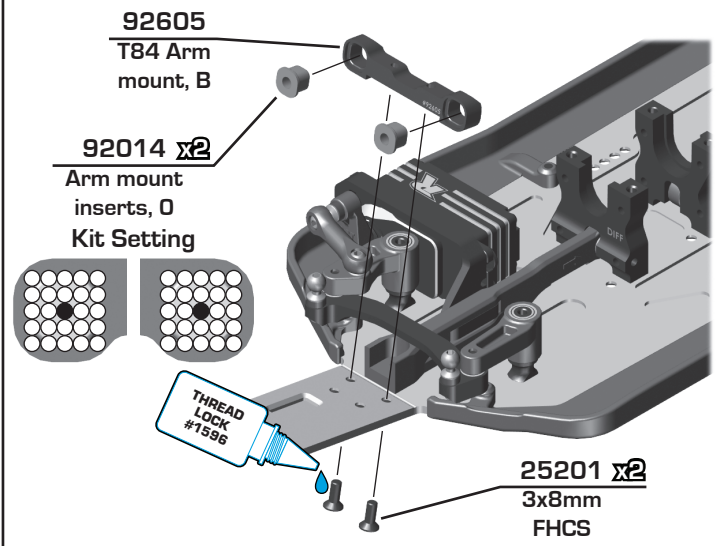
Bag 1 - Step 6



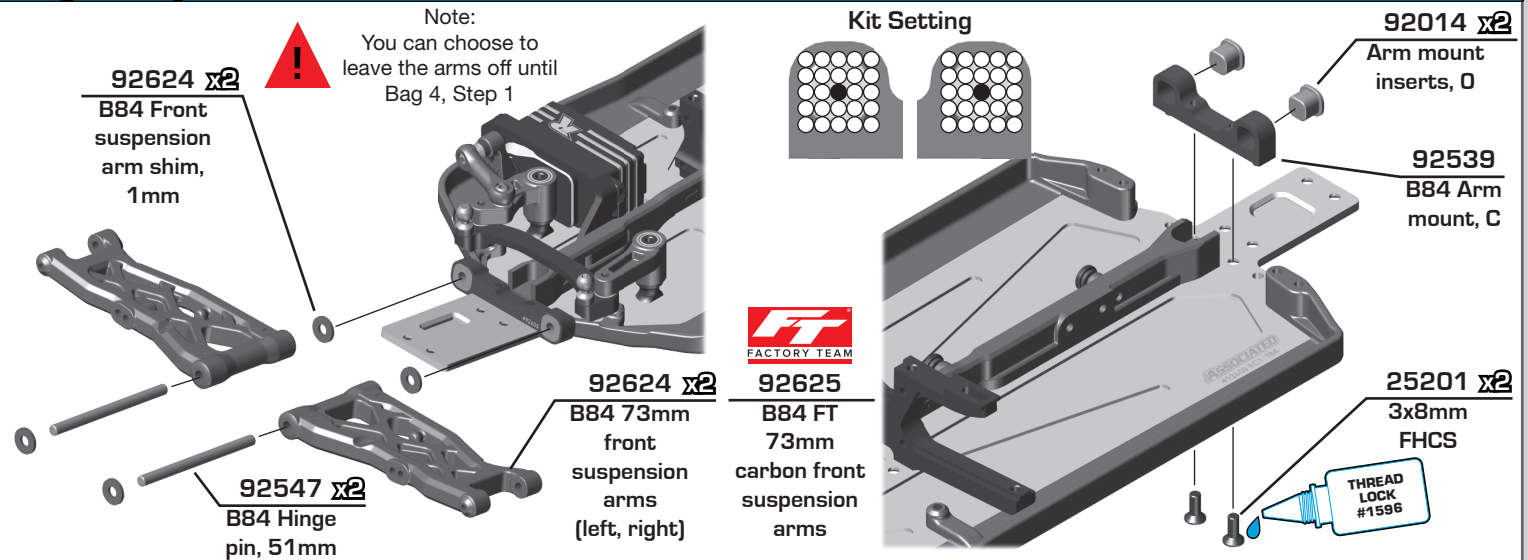
:: Bag 1 - Step 7



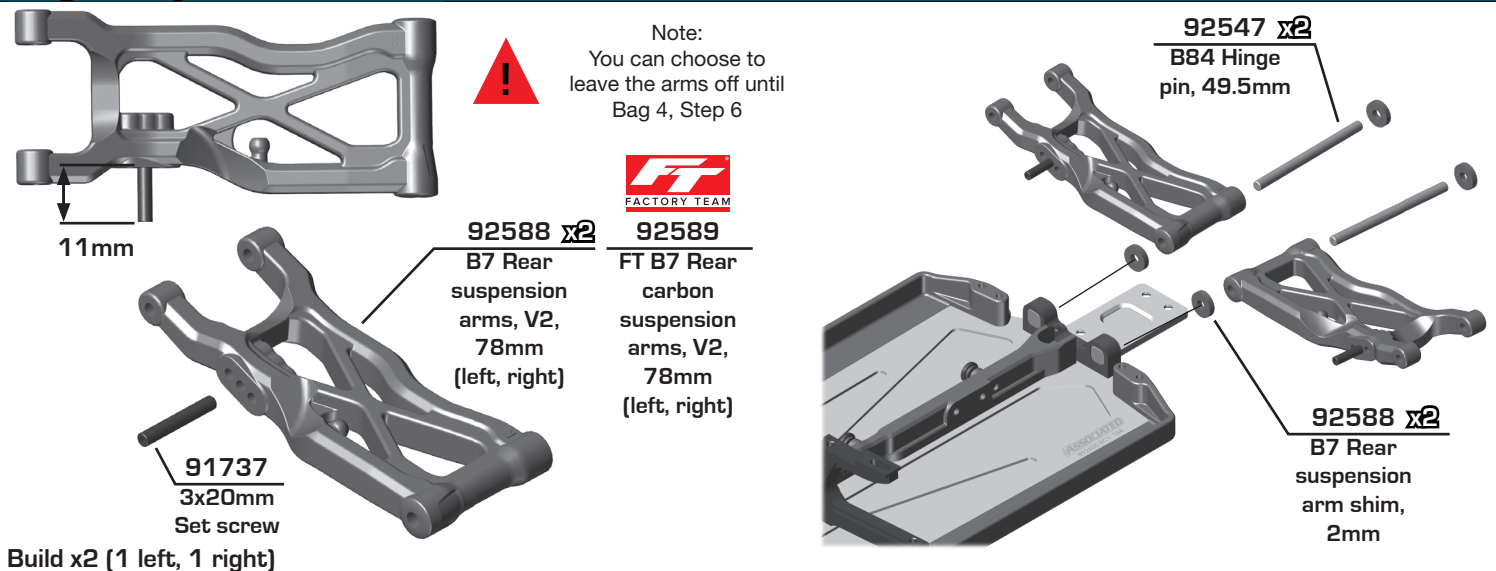
:: Bag 2 - Step 1



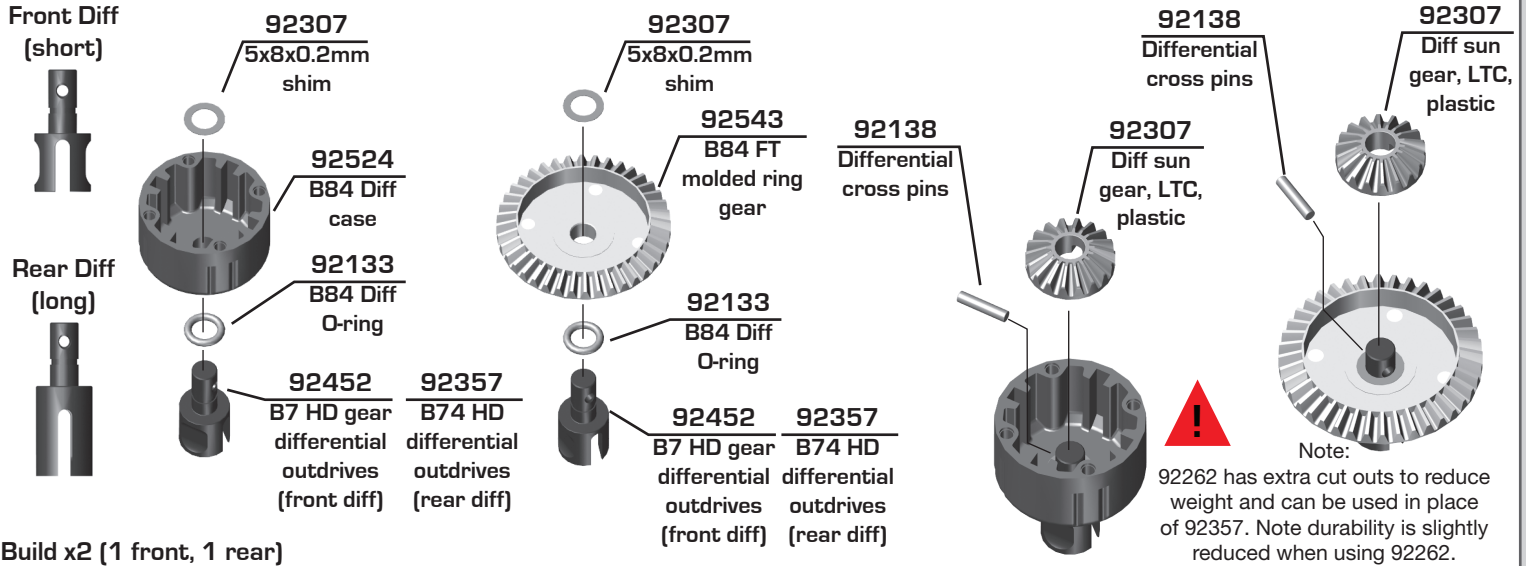
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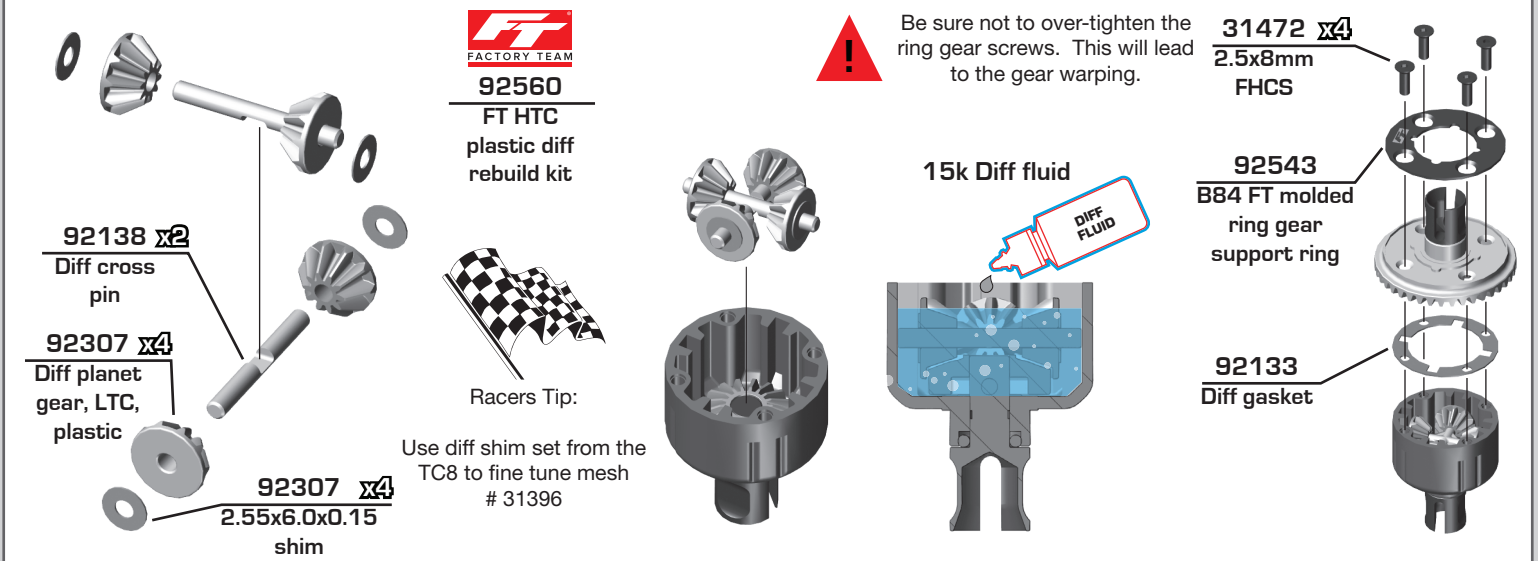
:: Bag 2 - Step 3



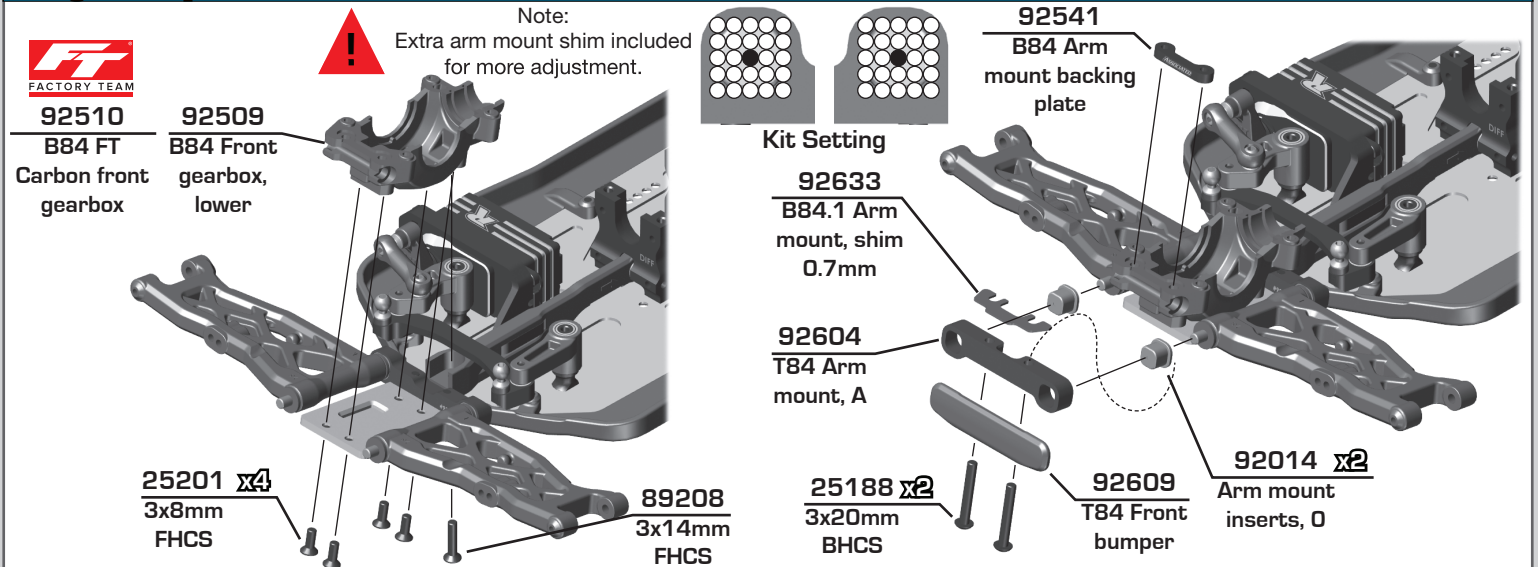
Bag 3 - Step 1



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
#6588

92218
Center CVA
bones, 64mm

91438
CVA pin



92372
FT Lightweight
center driveline
kit

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. Up arrow indicates diff height. 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)

89202 x4
3x12mm
BHCS



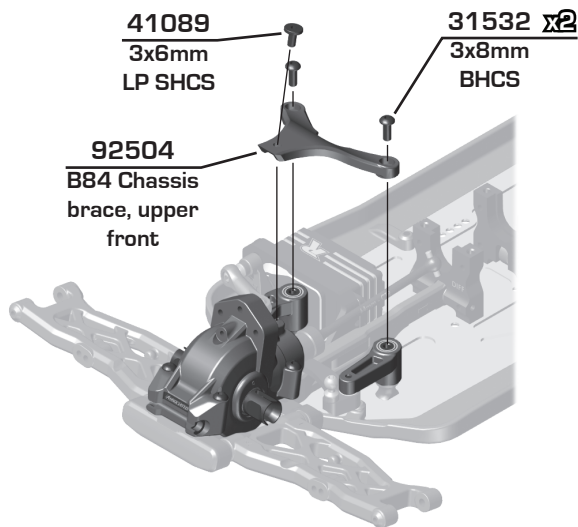
92510
B84 FT
Carbon front
gearbox

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.

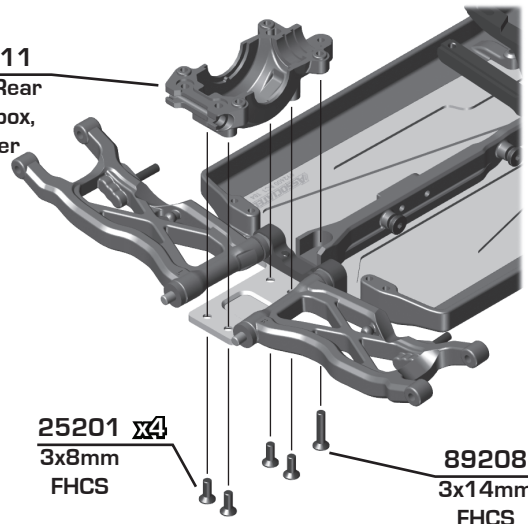
Take extra care not to strip these screw holes out. Stripping the plastic will result in premature failure.

Bag 4 - Step 5



92512
B84 FT
Carbon rear
gearbox

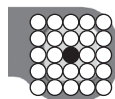
92511
B84 Rear
gearbox,
lower



Bag 4 - Step 6



Kit Setting



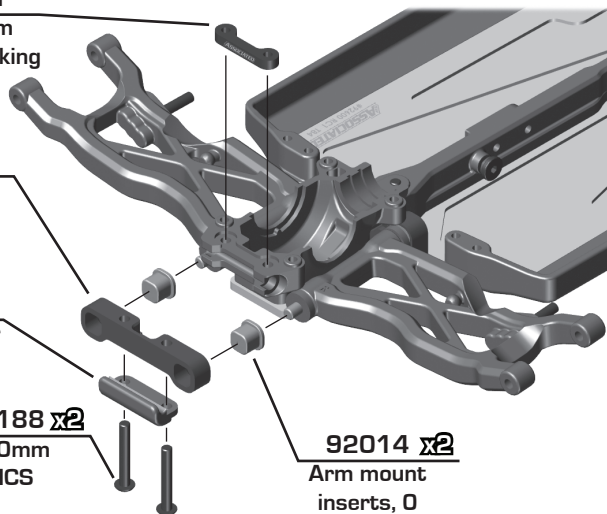
92541
B84 Arm
mount backing
plate

92540
B84 Arm
mount, D

92525
B84 Rear
bumper

25188 **x2**
3x20mm
BHCS

92014 **x2**
Arm mount
inserts, O



Bag 4 - Step 7



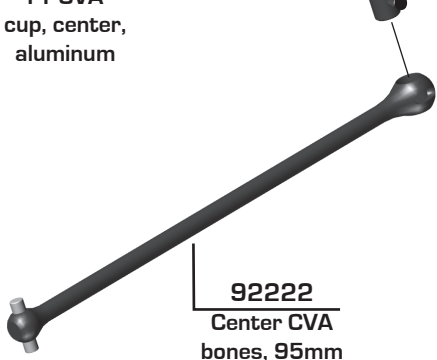
92264
FT CVA
cup, center,
aluminum

91438
CVA barrel



92215
Center CVA
input coupler

91438
CVA pin



92324 **x2**
5x10x4mm
flanged
bearing

92216
CVA cup, center,
aluminum

92543
B84 Pinion
gear, molded

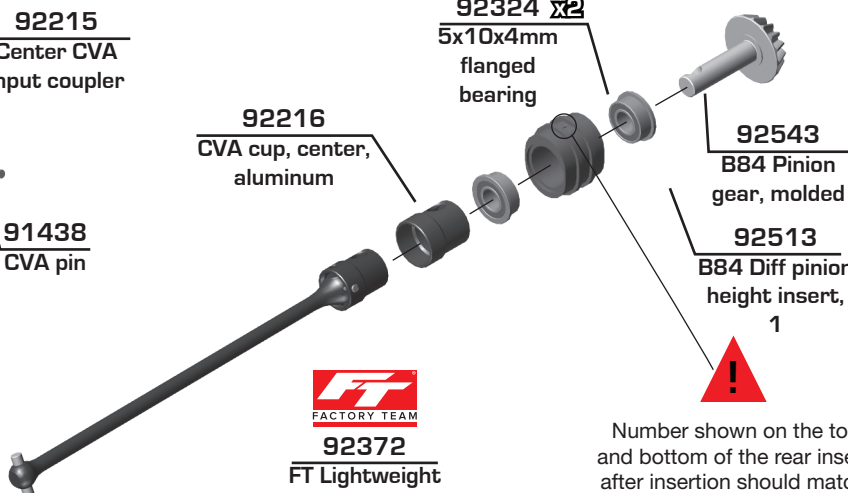
92513
B84 Diff pinion
height insert,
1



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
center driveline
kit

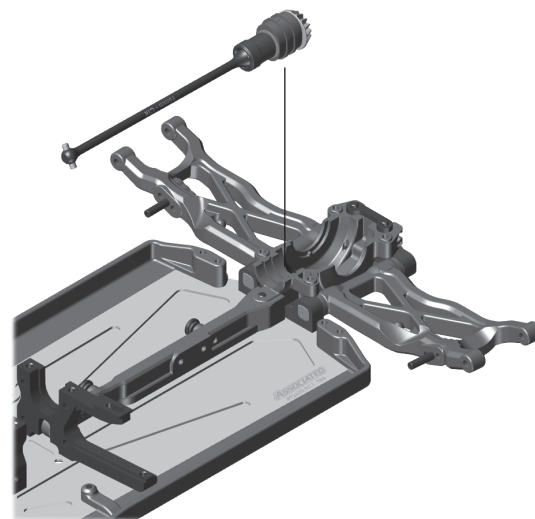


:: Bag 4 - Step 8

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

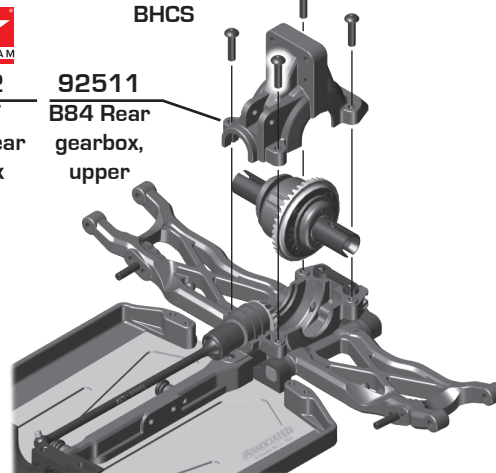
92513 x2
B84 Diff
height inserts,
(kit setting +1)



92512
B84 FT
Carbon rear
gearbox

92511
B84 Rear
gearbox,
upper

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.

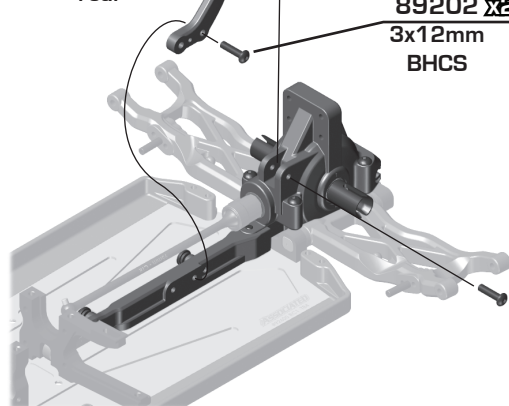
Take extra care not to strip these screw holes out. Stripping the plastic will result in premature failure.

:: 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

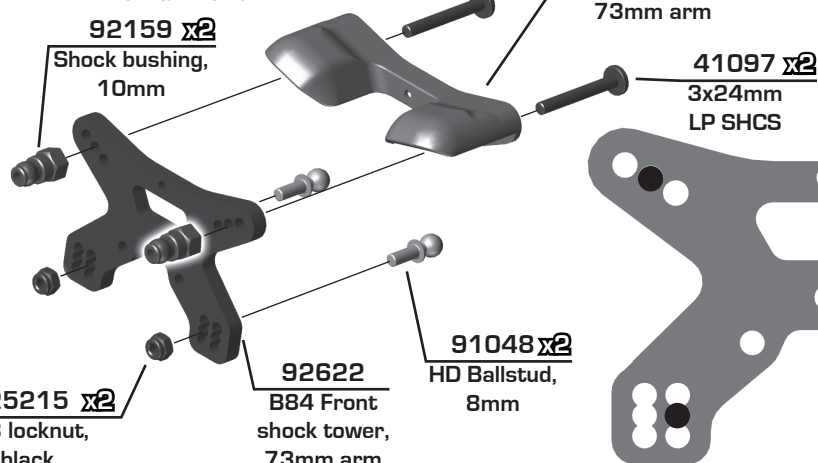
92623
B84 Shock
tower cover,
73mm arm

41097 x2
3x24mm
LP SHCS

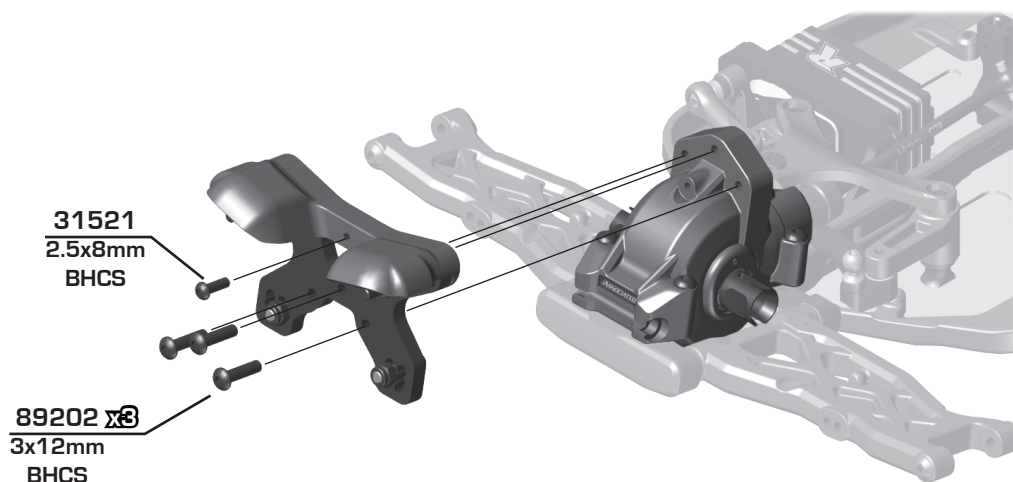
25215 x2
M3 locknut,
black

92622
B84 Front
shock tower,
73mm arm

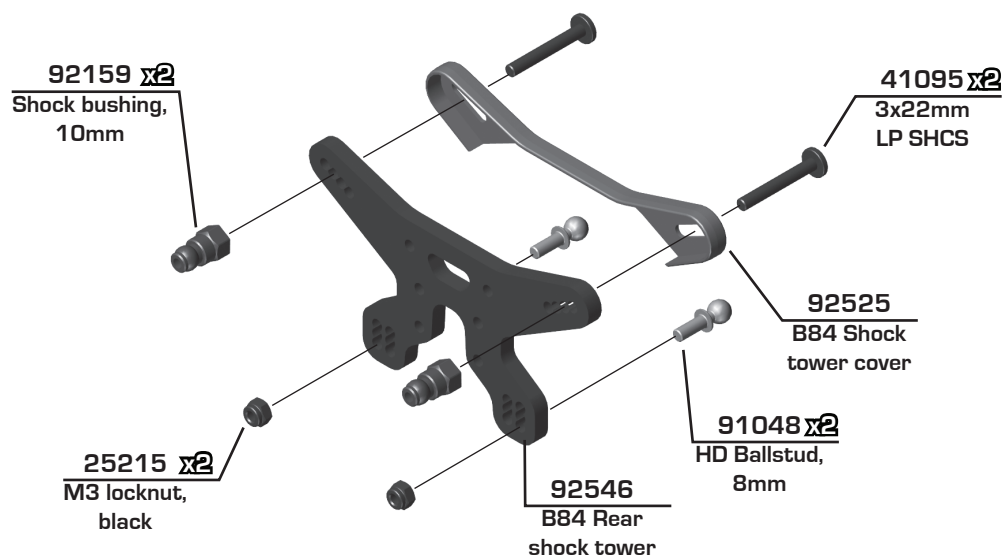
91048 x2
HD Ballstud,
8mm



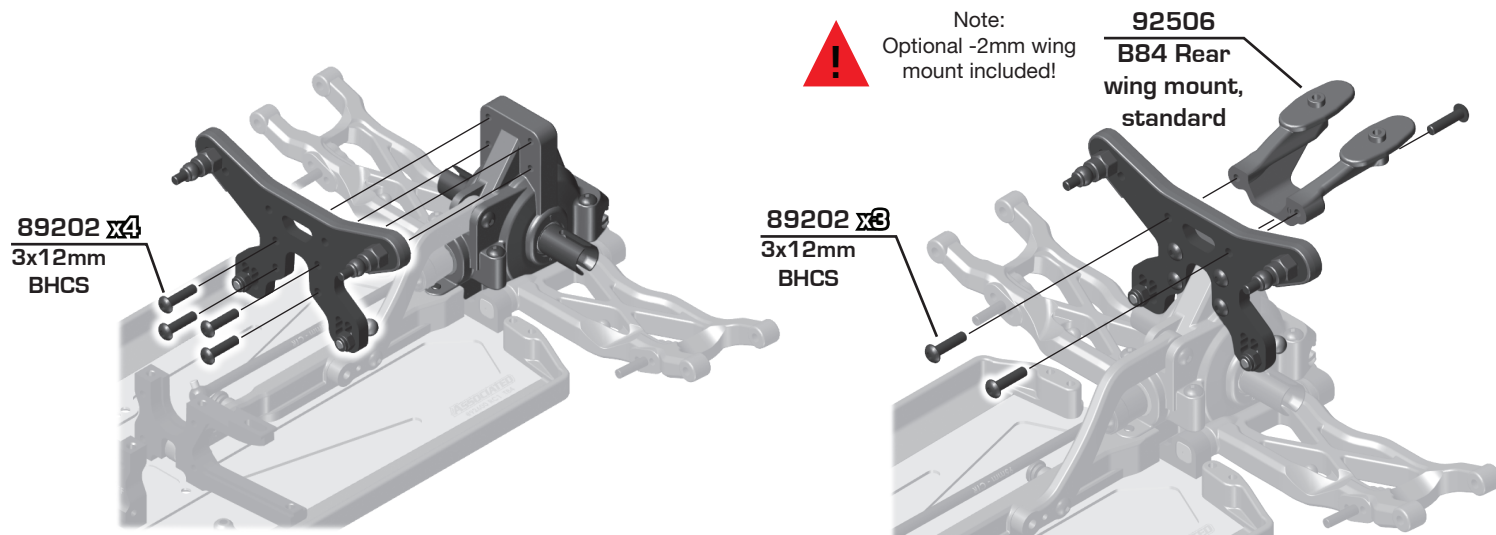
:: Bag 5 - Step 2



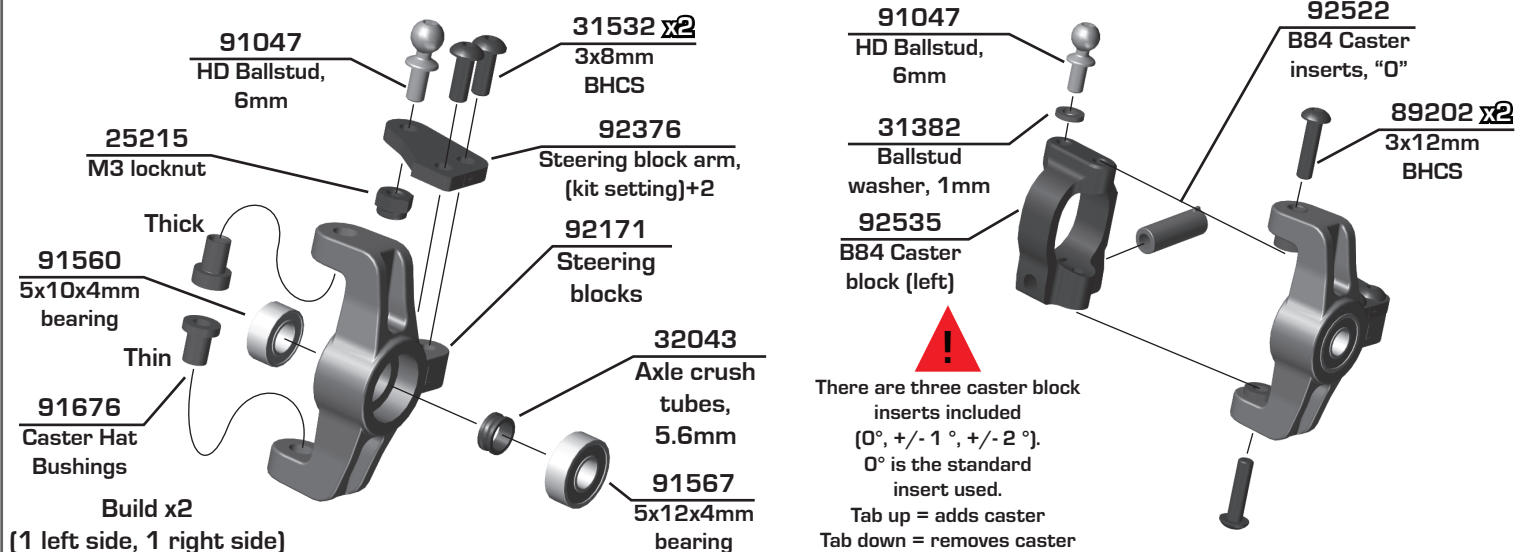
:: Bag 5 - Step 3



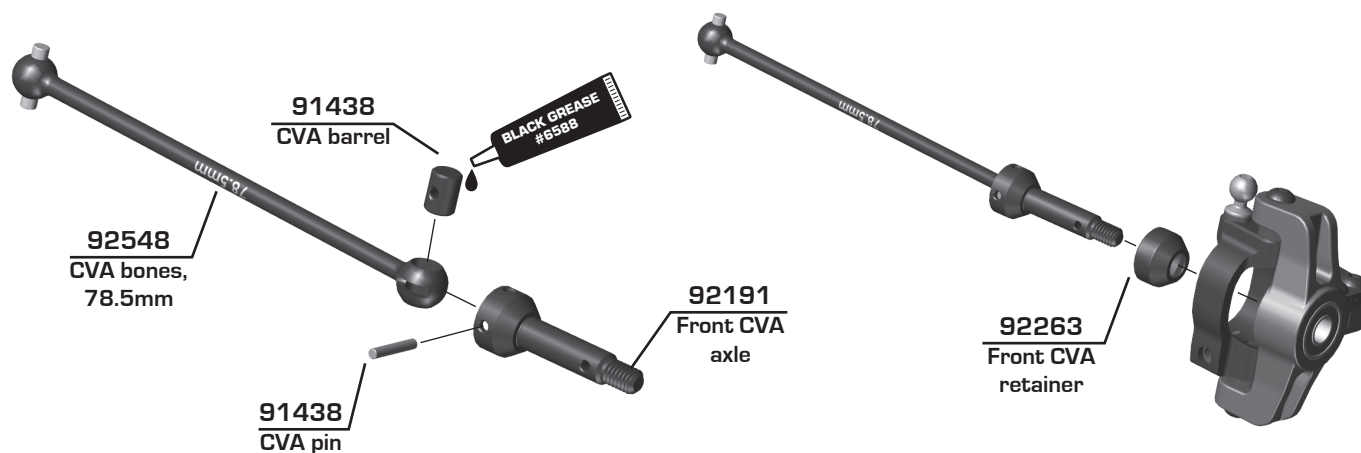
:: Bag 5 - Step 4



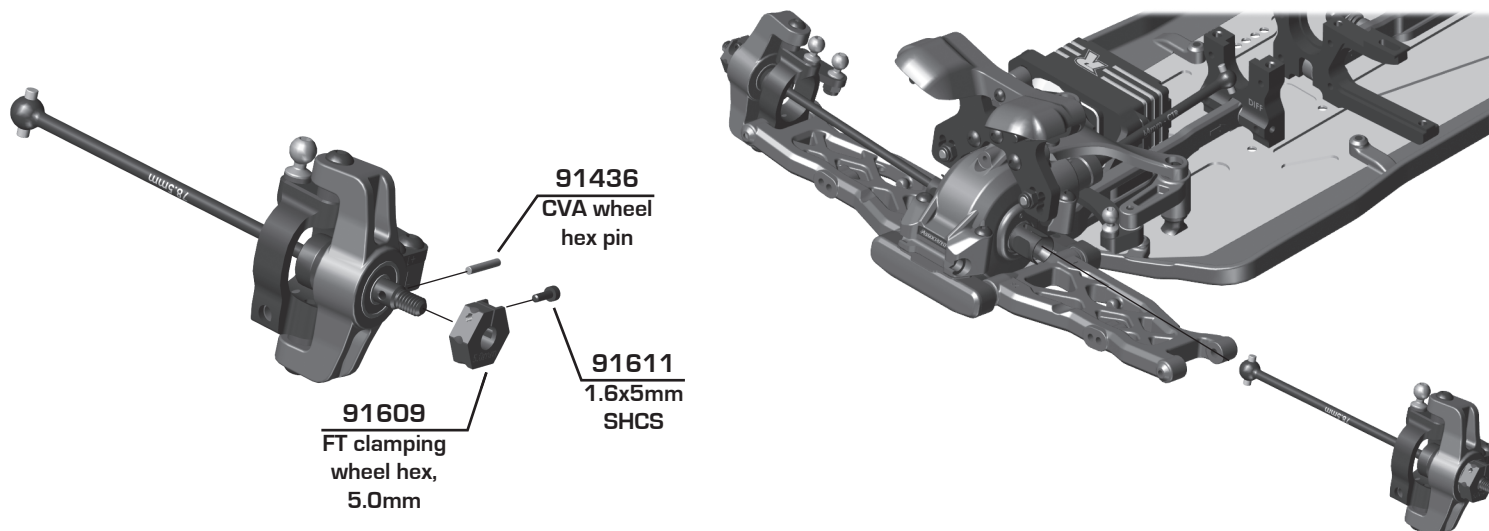
Bag 6 - Step 1



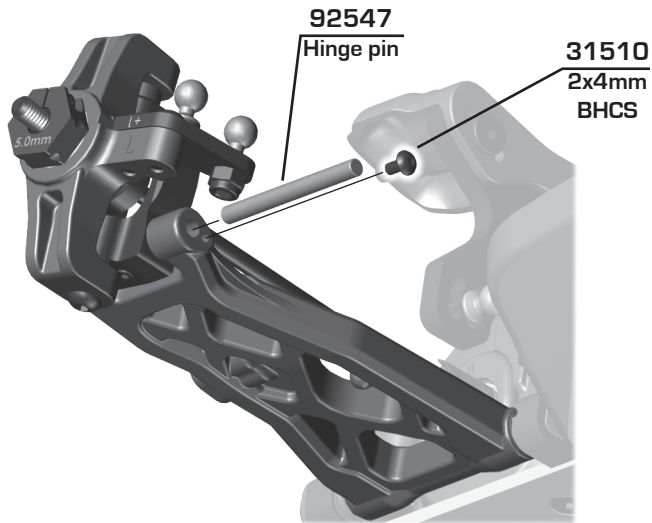
Bag 6 - Step 2



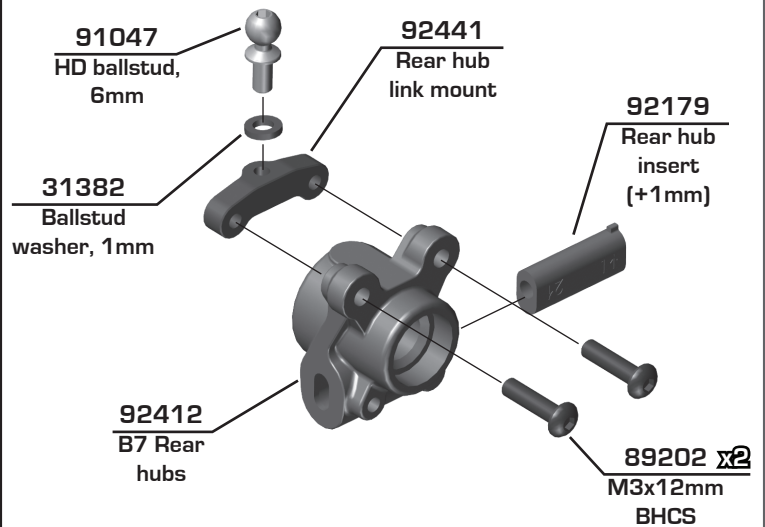
Bag 6 - Step 3



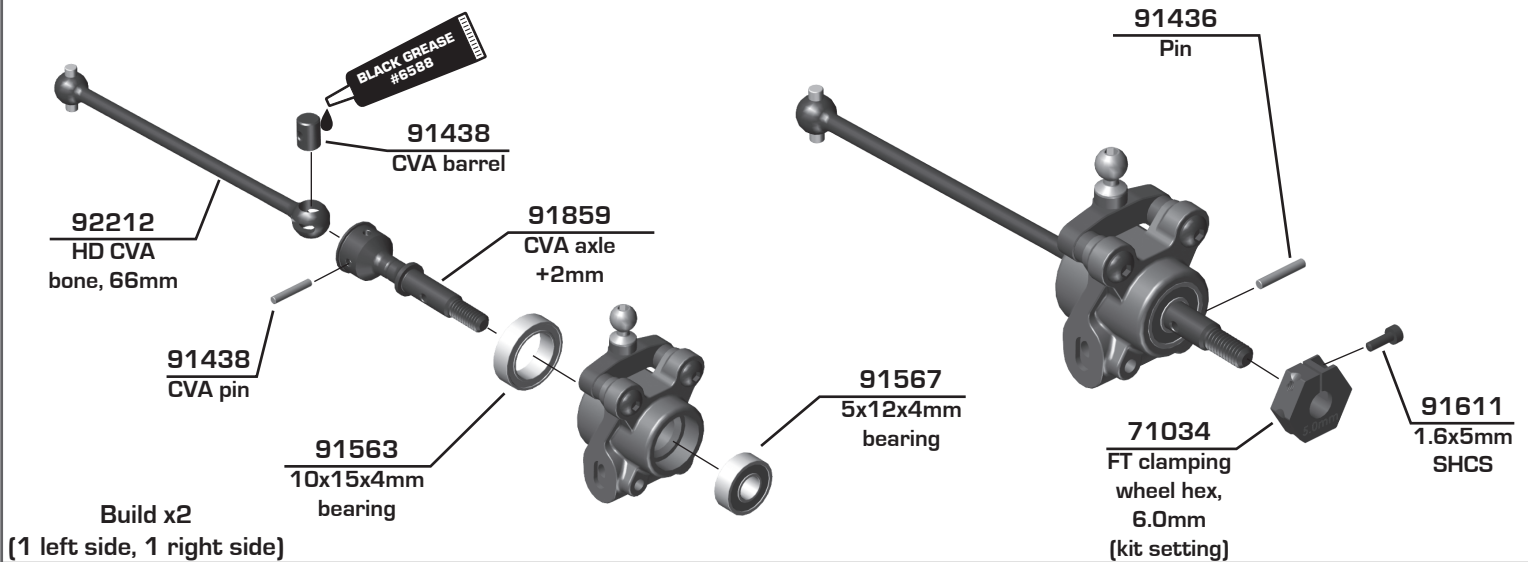
:: Bag 6 - Step 4



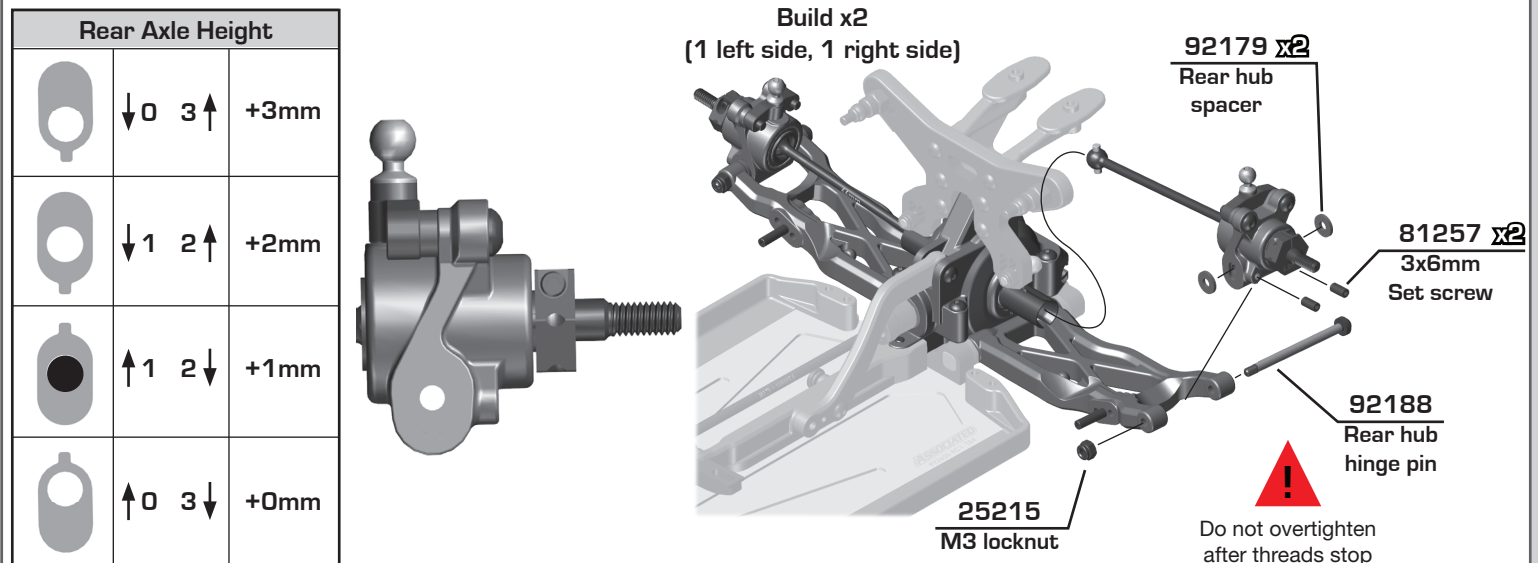
:: Bag 7 - Step 1



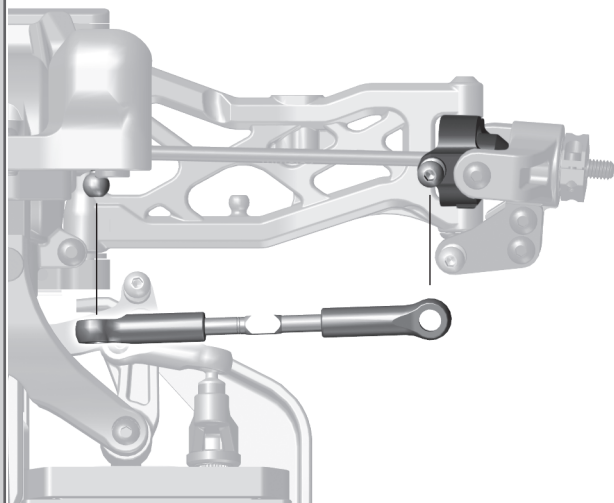
:: Bag 7 - Step 2



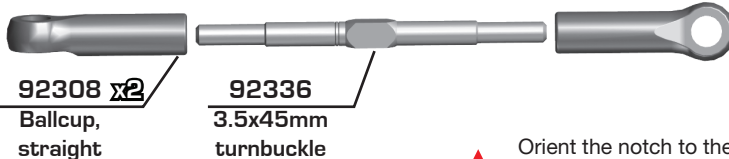
:: Bag 7 - Step 3



:: Bag 8 - Step 1



Build x2 (1 left side, 1 right side)



92308 x2
Ballcup,
straight

92336
3.5x45mm
turnbuckle



92558
FT Titanium
turnbuckle
set

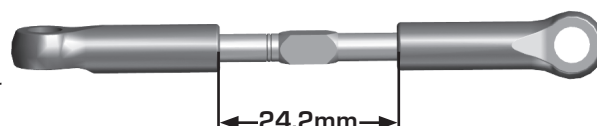
92348
FT Titanium
turnbuckle
3.5x45mm



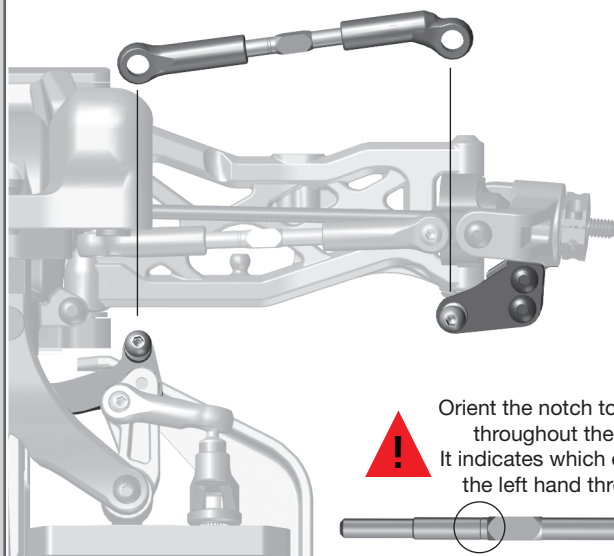
Orient the notch to the left
throughout the car.
It indicates which end has
the left hand threads!



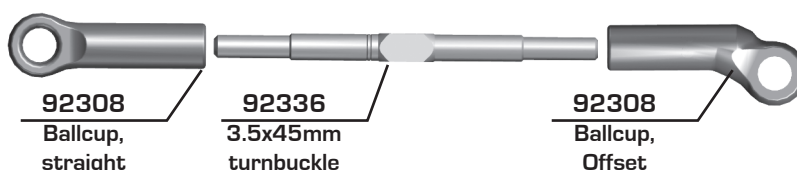
Note:
All turnbuckle inner
measurements are
approximate.



:: Bag 8 - Step 2



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



92308
Ballcup,
straight

92336
3.5x45mm
turnbuckle

92308
Ballcup,
Offset



92558
FT Titanium
turnbuckle
set

92348
FT Titanium
turnbuckle
3.5x45mm

Left



Right

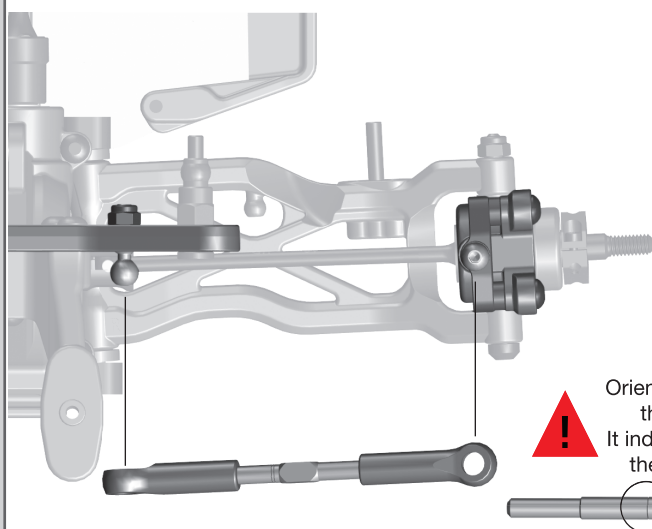


21.2mm

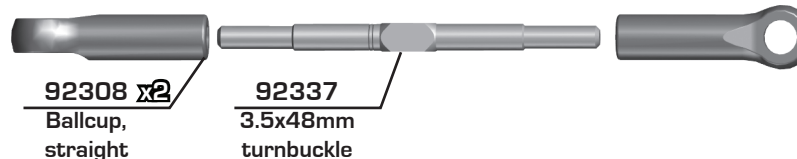
There is two offset ballcups
labeled "1" and "2".
The ballcup labeled "1" goes
on the left side of the car.

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!



92308 x2
Ballcup,
straight

92337
3.5x48mm
turnbuckle



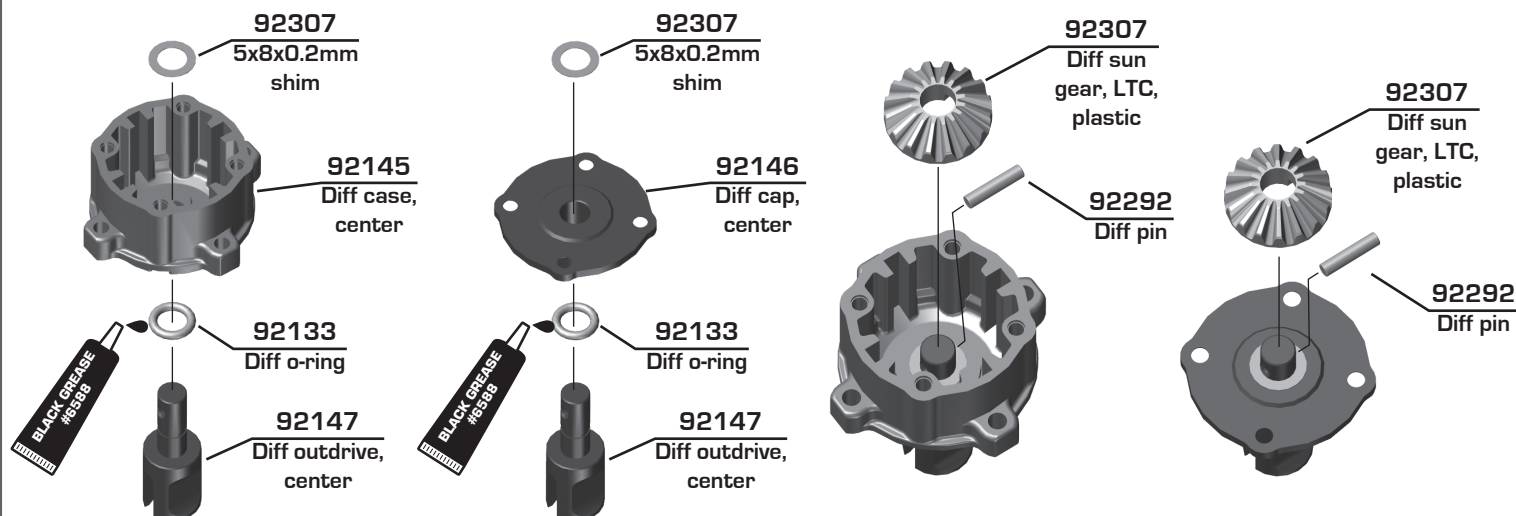
92558
FT Titanium
turnbuckle
set

92349
FT Titanium
turnbuckle
3.5x48mm

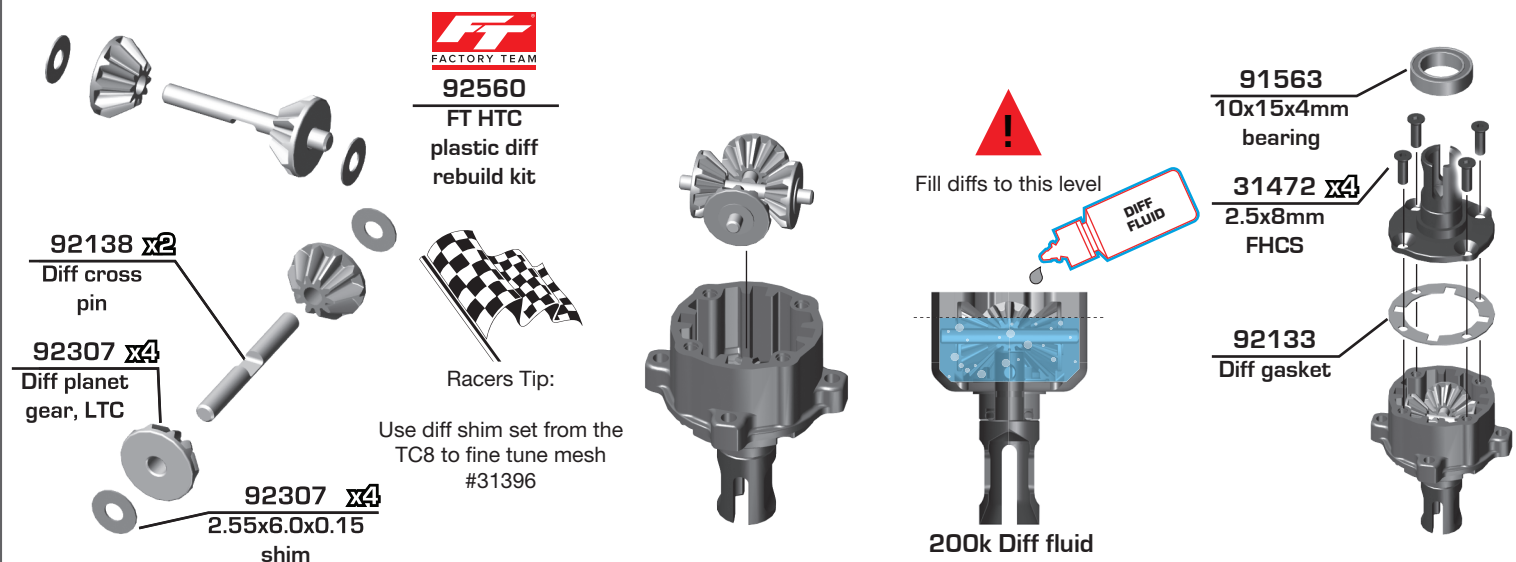


Build x2 (1 left side, 1 right side)

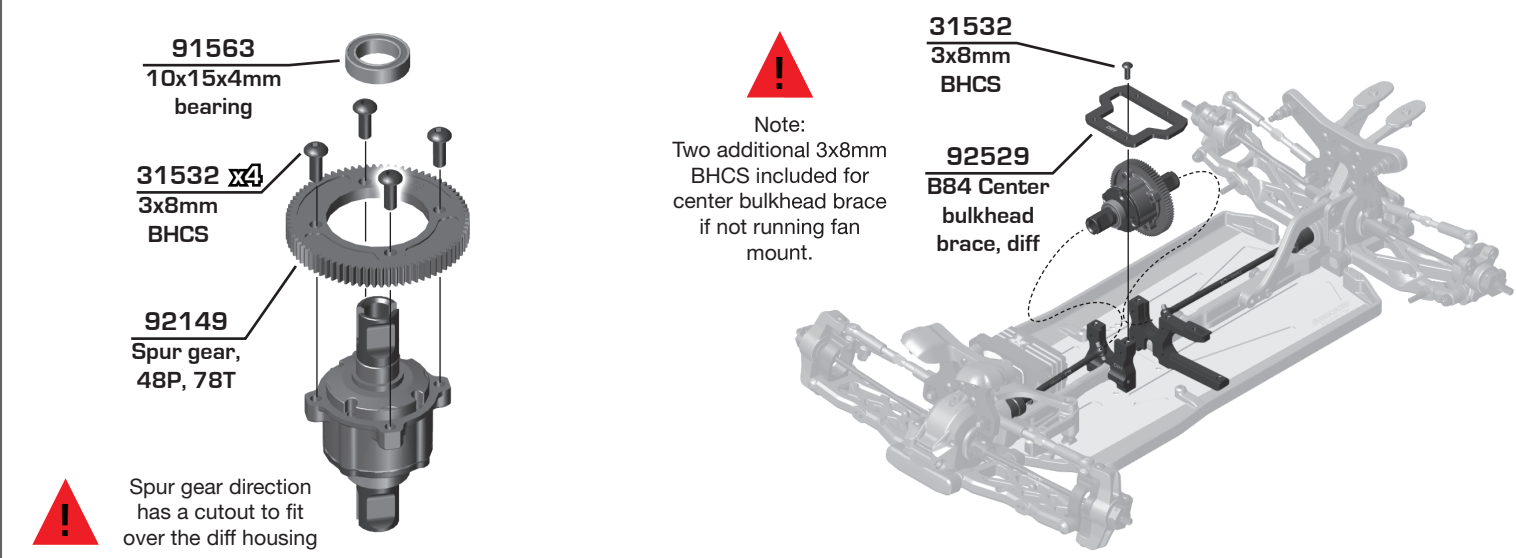
:: Bag 9 - Step 1



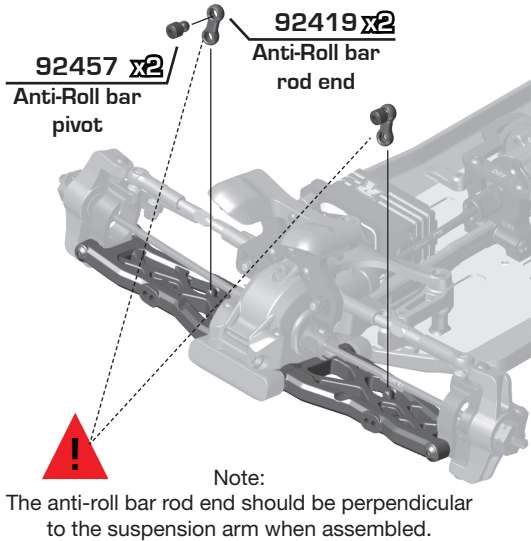
:: Bag 9 - Step 2



:: Bag 9 - Step 3



:: Bag 10 - Step 1



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

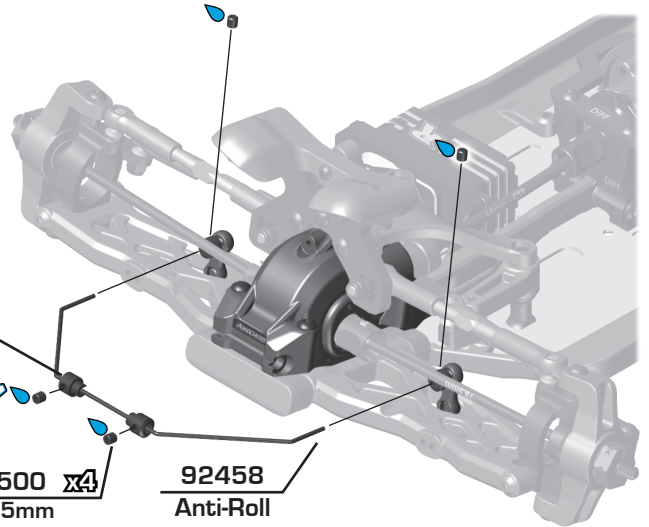
Note: Leave some side to side movement when setting the anti-roll bar collars. The anti-roll bar should not bind the suspension

92457 x2
Anti-roll bar collar

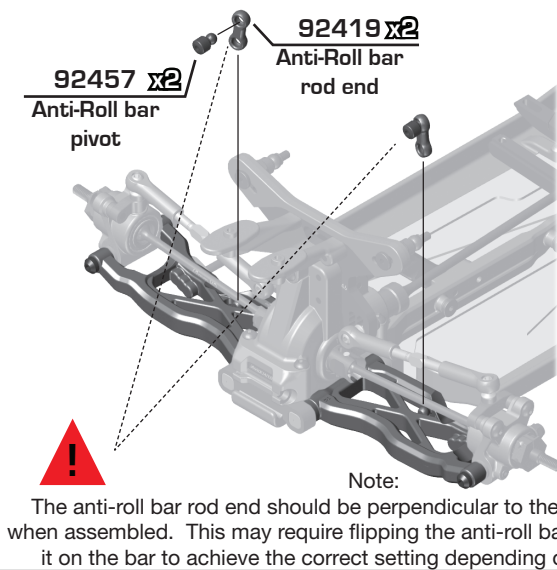


31500 x4
3x2.5mm Set screw

92458
Anti-Roll bar 1.3mm



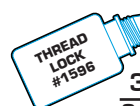
:: Bag 10 - Step 2



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

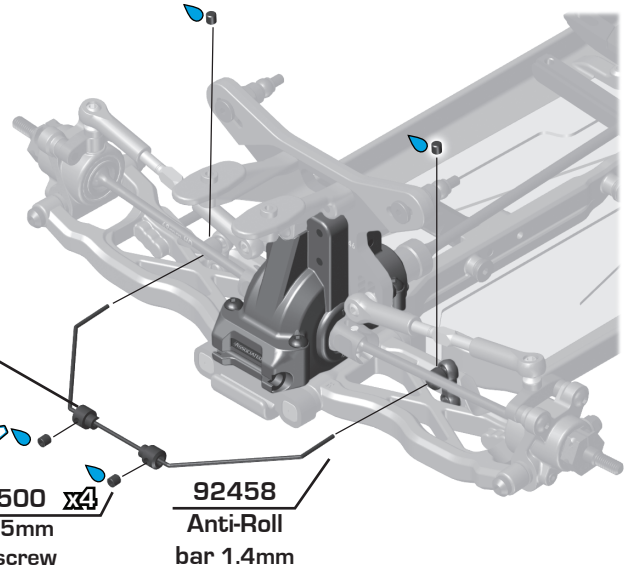
Note: Leave some side to side movement when setting the anti-roll bar collars. The anti-roll bar should not bind the suspension

92457 x2
Anti-roll bar collar

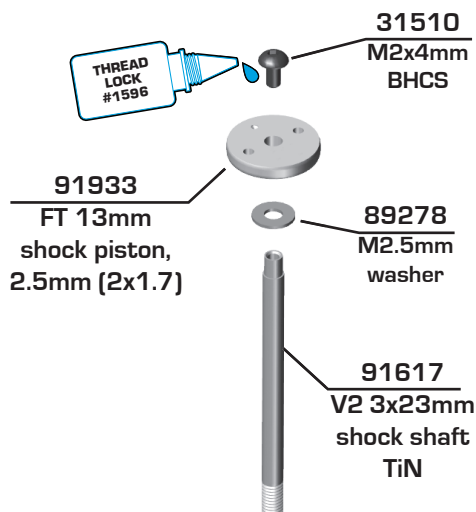


31500 x4
3x2.5mm Set screw

92458
Anti-Roll bar 1.4mm



:: Bag 11 - Step 1



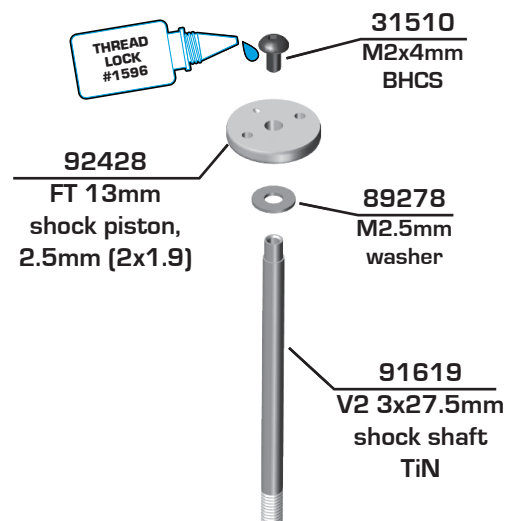
!
Mount the shock pistons with the number facing up!



Racers Tip:

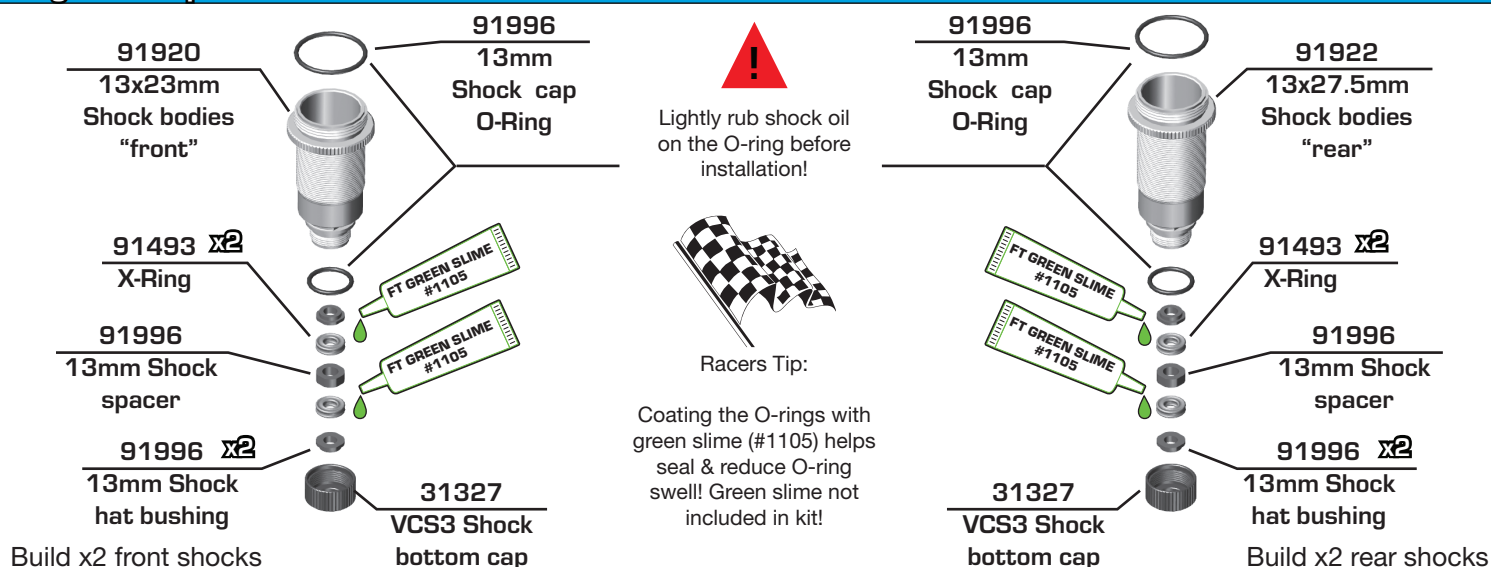
Use a marker over the numbers on the pistons to make them easily visible!

Build x2 front shocks

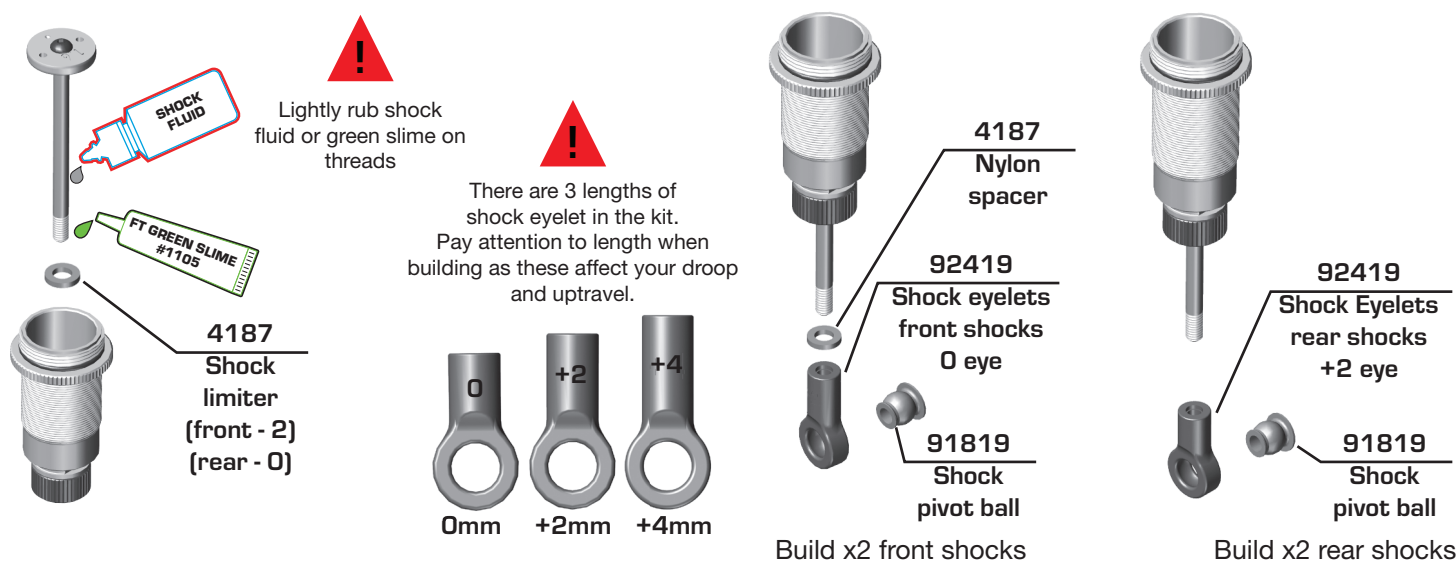


Build x2 rear shocks

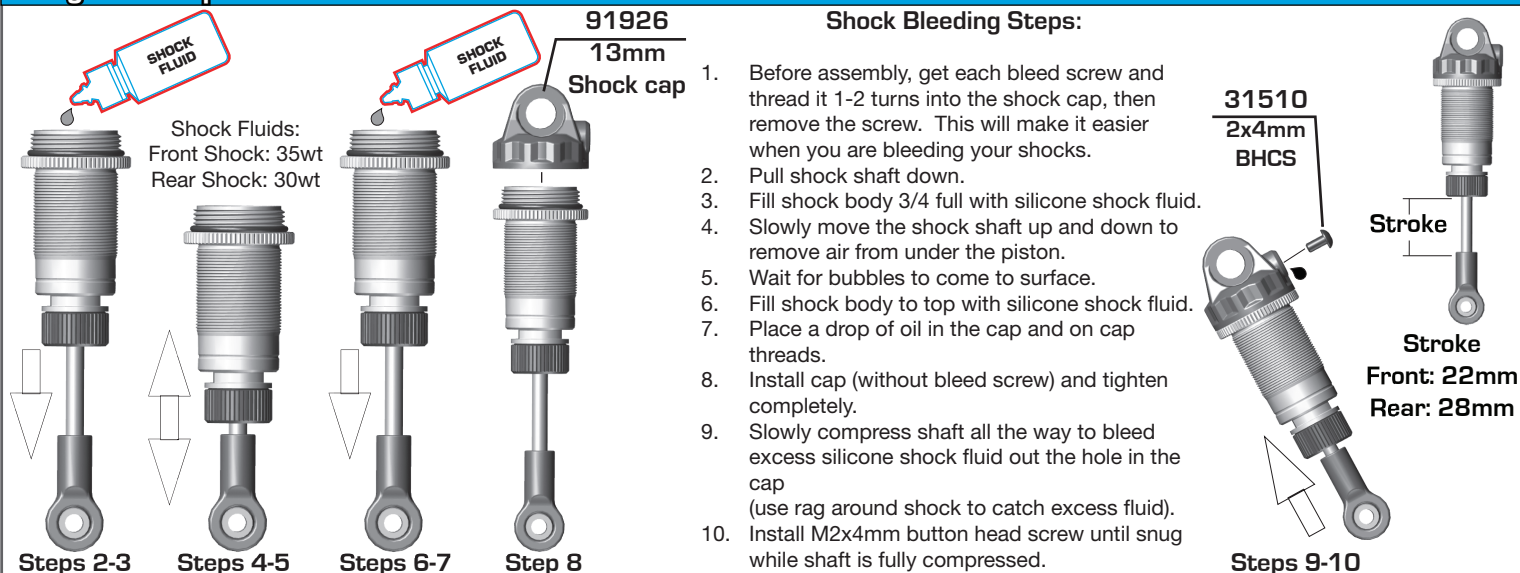
Bag 11 - Step 2



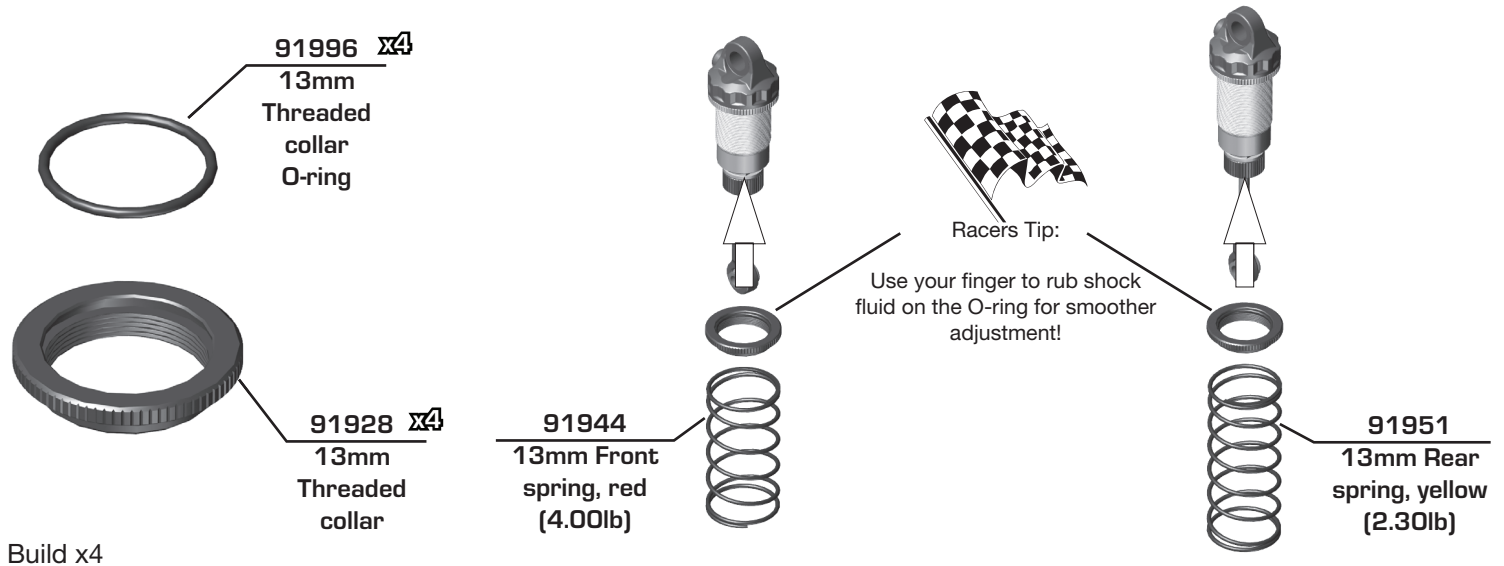
Bag 11 - Step 3



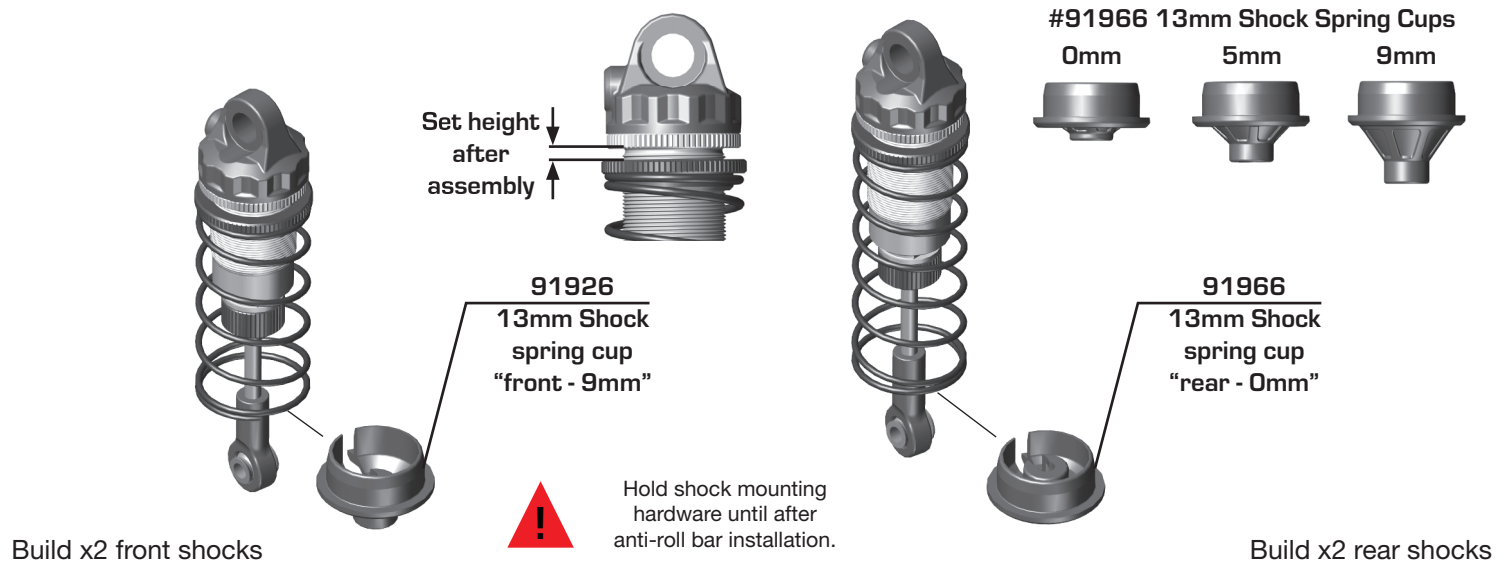
Bag 11 - Step 4



:: Bag 11 - Step 5

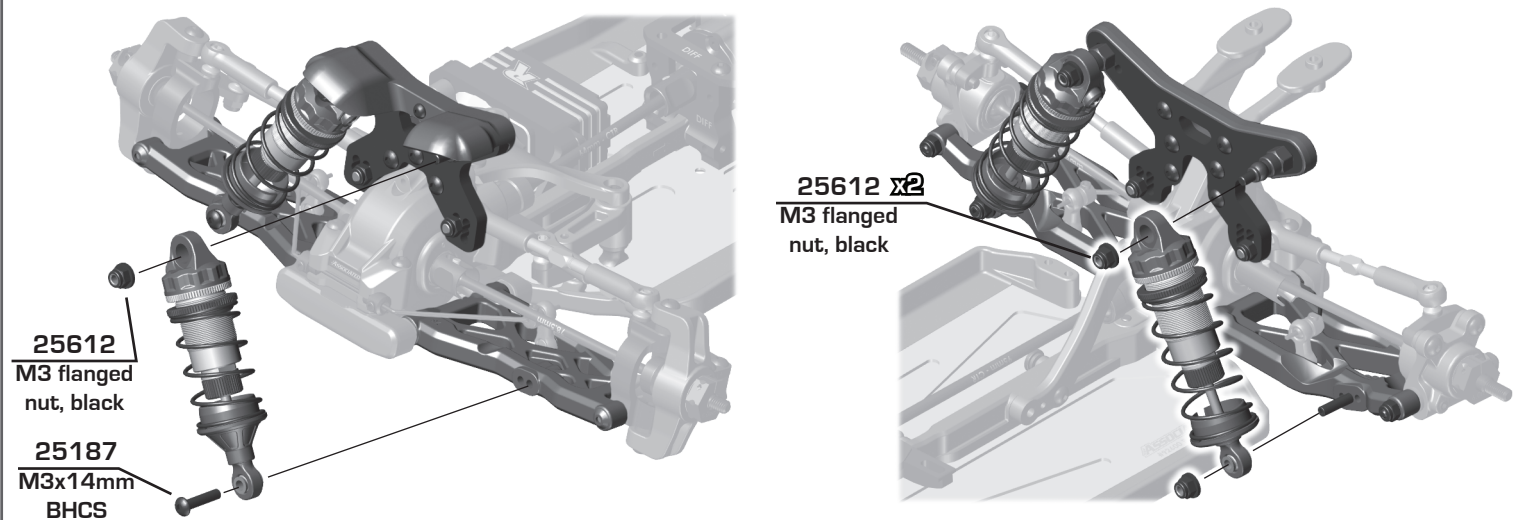


:: Bag 11 - Step 6

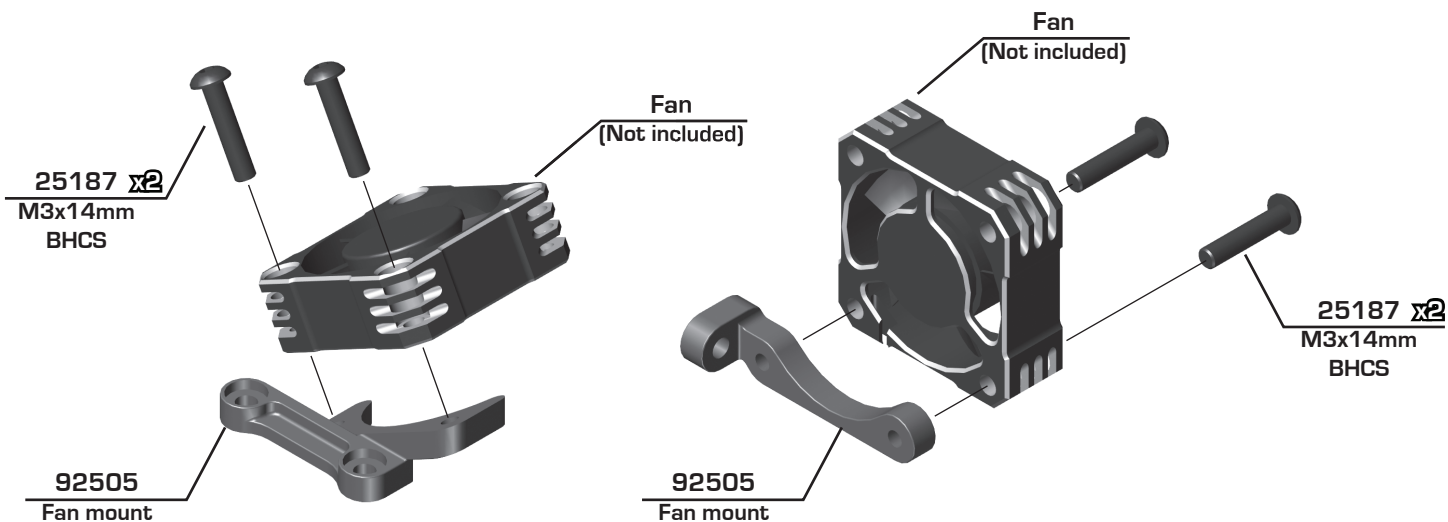


:: Bag 11 - Step 7

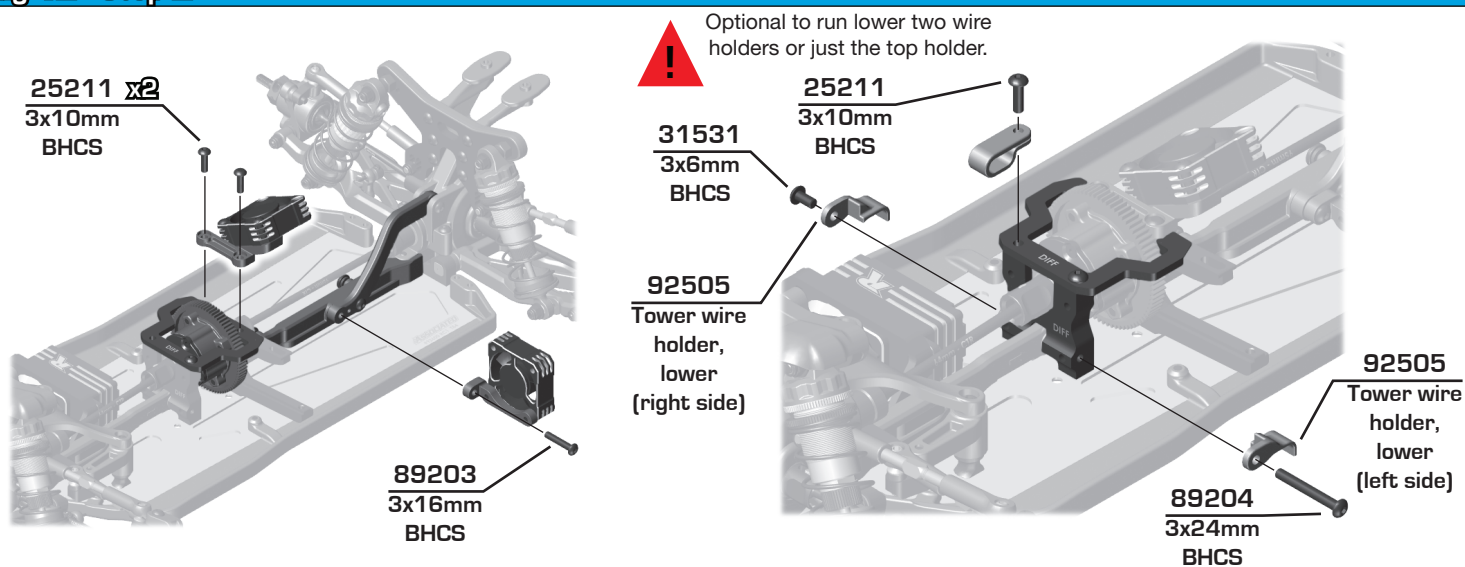
Install x2 front and x2 rear shocks



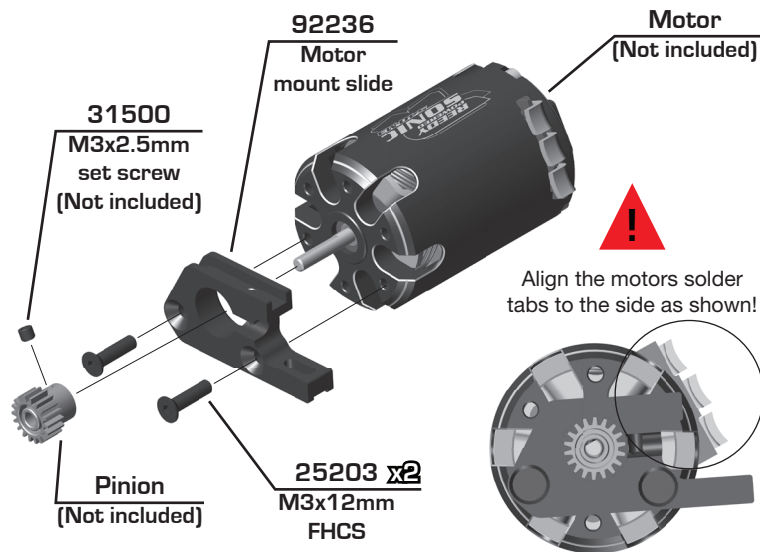
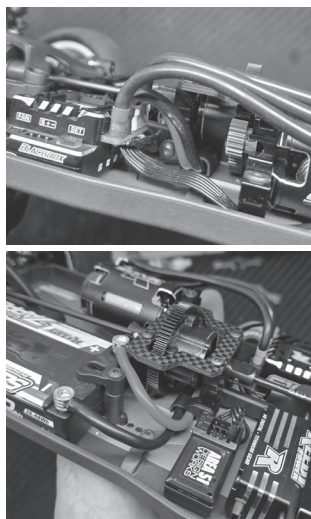
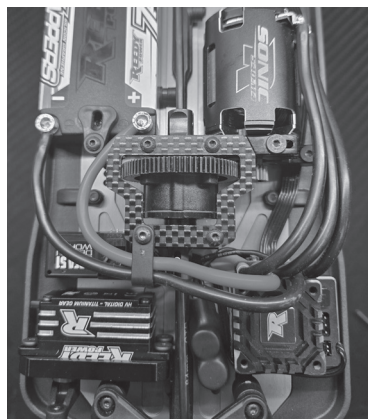
:: Bag 12 - Step 1



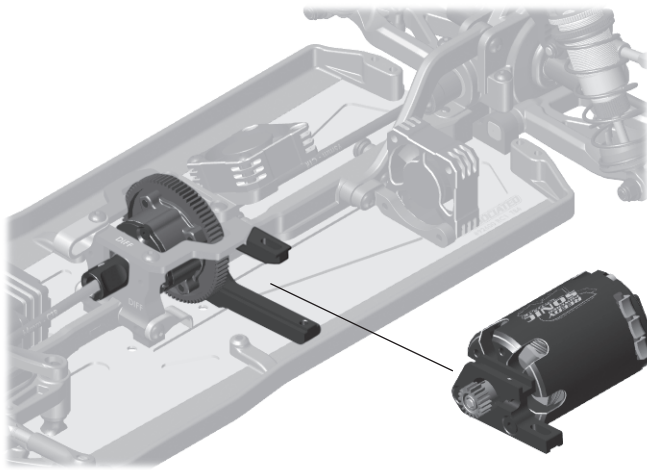
:: Bag 12 - Step 2



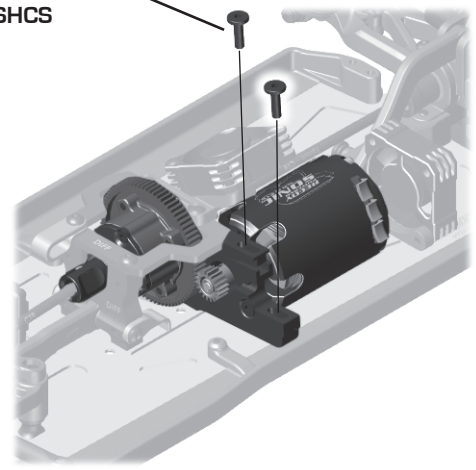
:: Bag 12 - Step 3



:: Bag 12 - Step 4



41090 x2
M3x10mm
LP SHCS

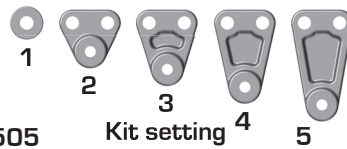


:: Bag 12 - Step 5

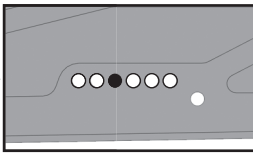
31532 x2
M3x8mm
BHCS

92505
B84
Battery
holder
"3"

25201
M3x8mm
FHCS



Kit setting



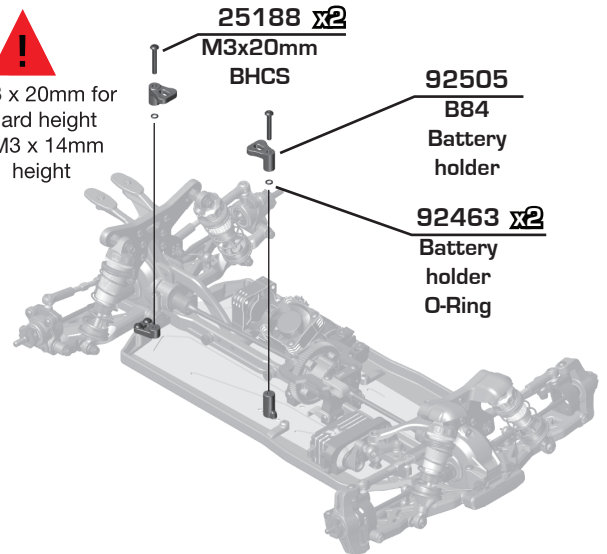
92505
B84
Battery
holder

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

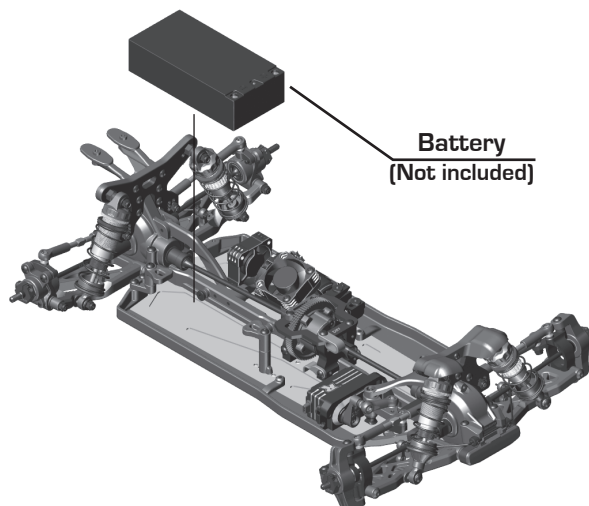
25188 x2
M3x20mm
BHCS

92505
B84
Battery
holder

92463 x2
Battery
holder
O-Ring



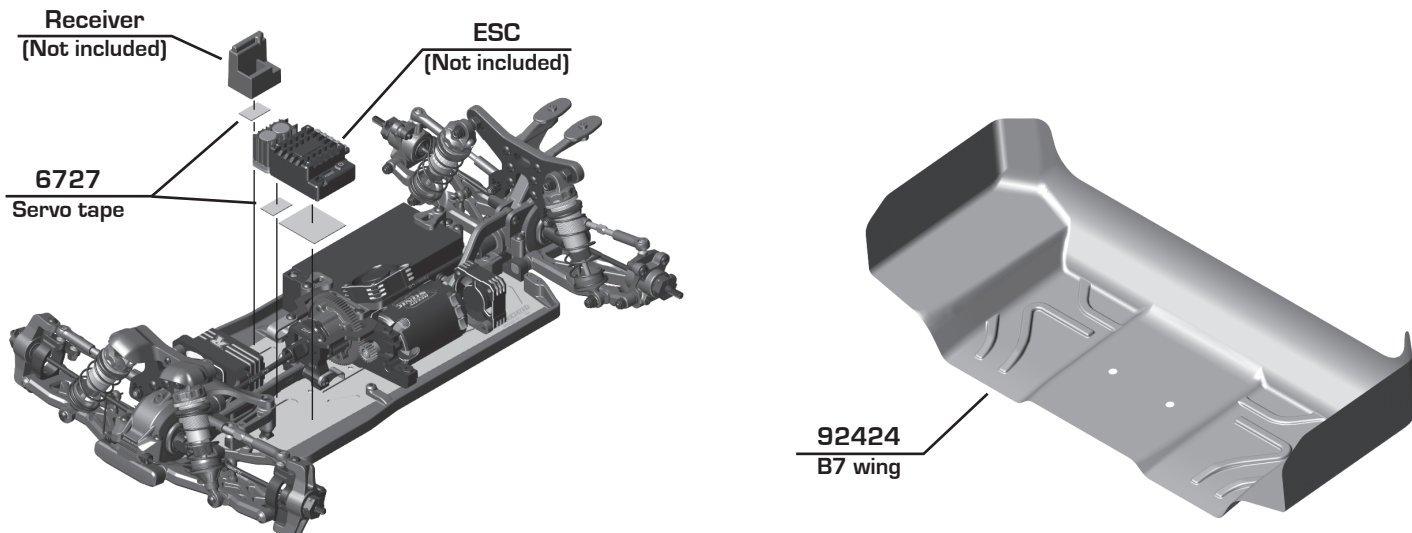
:: Bag 12 - Step 6



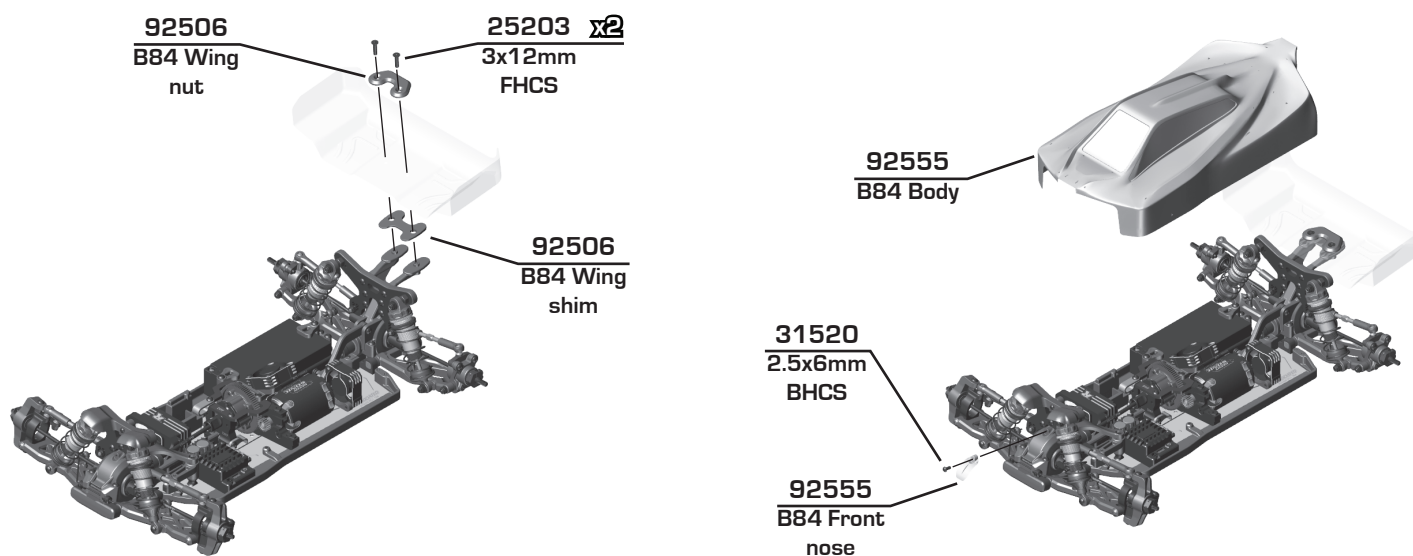
Battery
(Not included)



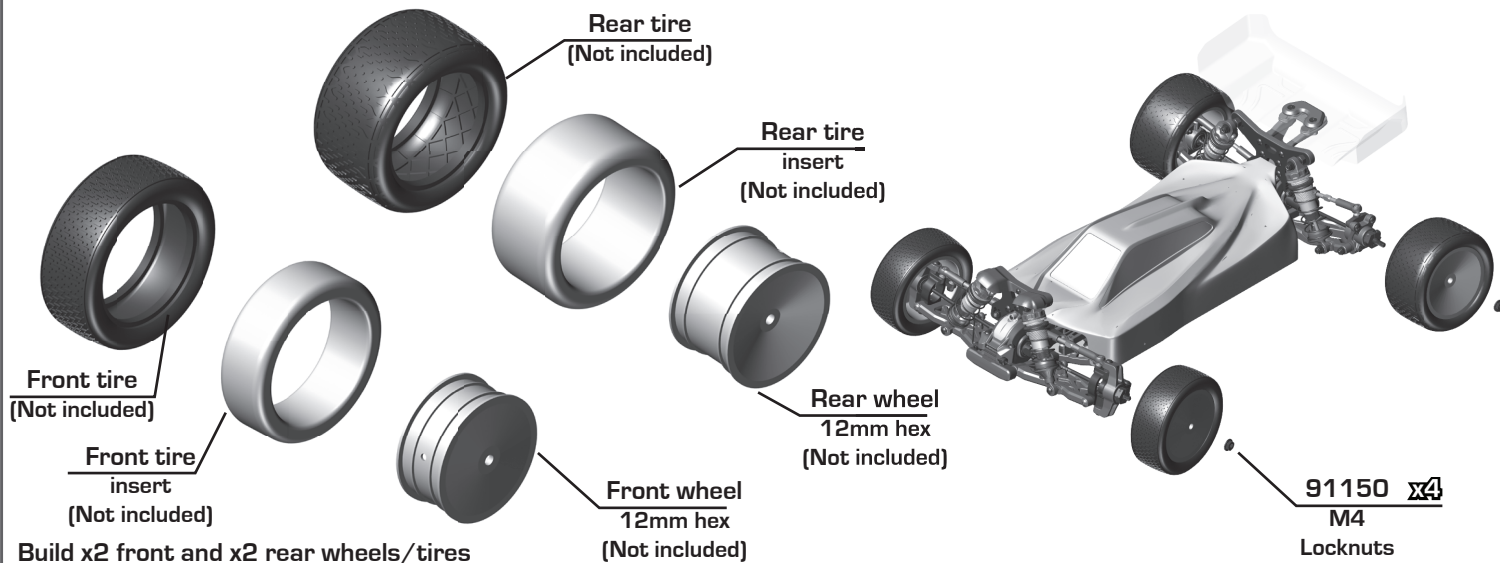
Bag 12 - Step 7



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.

A Mount

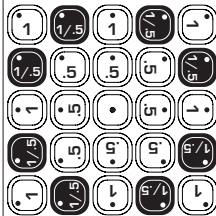


B Mount

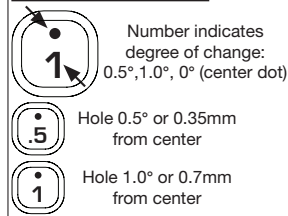


Kick-up: 10°
Roll Center: +0
Pin Width: +0

Possible Insert Locations



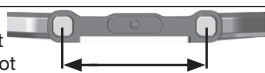
Insert Hole Locations



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



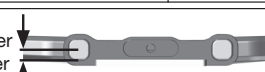
A Mount

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



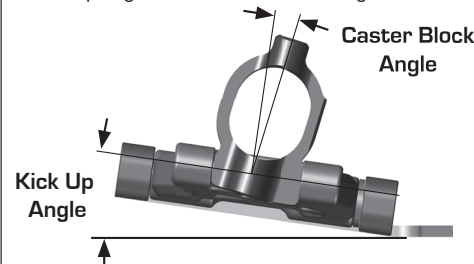
A Mount

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°
	7°	15°	16°	17°
	8°	16°	17°	18°
	9°	17°	18°	19°
	10°	18°	19°	20°
		18°	19°	21°

:: Tuning Tips - Rear Arm Mount Pill Insert Setups

Standard Position

Use this position as a reference when changing pill locations.

C Mount



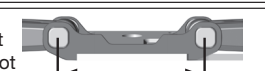
D Mount



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

Pin Width

More distance = wider pivot
Less distance = narrower pivot



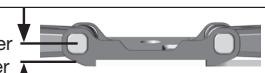
C Mount

D Mount

		= +1.4mm
		= +0.7mm
		= 0mm
		= -0.7mm
		= -1.4mm

Pin Height

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

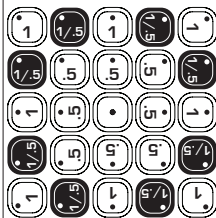


C Mount

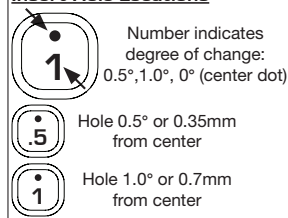
D Mount

		= +0.7mm
		= +0.35mm
		= 0mm
		= -0.35mm
		= -0.7mm

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)

Anti-Squat Angle

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



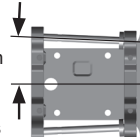
C Mount

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:	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 ☒



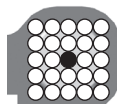
Ball Stud Spacing: 2mm

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

Shims: 0.7mm A Mount Shim



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



Diff Height:

+3	☐
+2	☐
+1	☐
+0	☒

Axle Height:

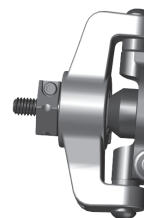
+3	☐	+2	☒	+1	☐	0	☐
----	--------------------------	----	-------------------------------------	----	--------------------------	---	--------------------------

Ball Stud Spacing: 0

Steering Plate: +2



Ball Stud Spacing: 1mm



B A

Rear Suspension:

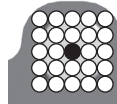
Ride Height:	17mm
Camber:	-1 deg
Anti-Roll Bar:	1.4mm
Arm Type:	Kit - B7
Tower Type:	Kit
Wheelbase Shim:	Arm Middle
Wheel Hex:	6mm
Hub Type:	Kit - B7 Standard
Drive Shaft Type:	66mm Bone
Chassis Brace Material:	Kit
Upper Chassis Brace Material:	Kit
Hub Spacing:	Fwd ☐ Mid ☒ Back ☐
Notes:	

Lower Brace Type: Fixed ☐ Pivot ☒



Rear Chassis Brace Screws:

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



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

Shims:



Axle Height:

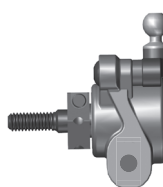
▼0	3▲	+3
▼1	2▲	+2
▲1	2▼	+1
▲0	3▼	+0

Gearbox:

Standard	☒
+2	☐

Camber Link Spacing: 0

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:	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 ☐ +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: _____

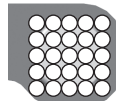
Lower Brace Type: Fixed ☐ Pivot ☐



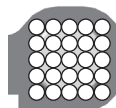
Ball Stud Spacing: _____

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

Shims: _____



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



Diff Height:

+3 ☐
+2 ☐
+1 ☐
+0 ☐



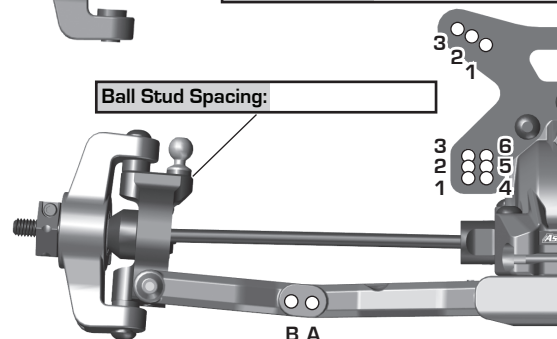
Axle Height:

+3 ☐ +2 ☐ +1 ☐ 0 ☐

Ball Stud Spacing: _____

Steering Plate: _____

Ball Stud Spacing: _____



B A

Rear Suspension:

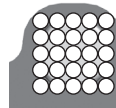
Ride Height: _____
Camber: _____
Anti-Roll Bar: _____
Arm Type: _____
Tower Type: _____
Wheelbase Shim: _____
Wheel Hex: _____
Hub Type: _____
Drive Shaft Type: _____
Chassis Brace Material: _____
Upper Chassis Brace Material: _____
Hub Spacing: Fwd ☐ Mid ☐ Back ☐
Notes: _____

Lower Brace Type: Fixed ☐ Pivot ☐



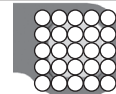
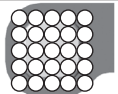
Rear Chassis Brace Screws: _____

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:

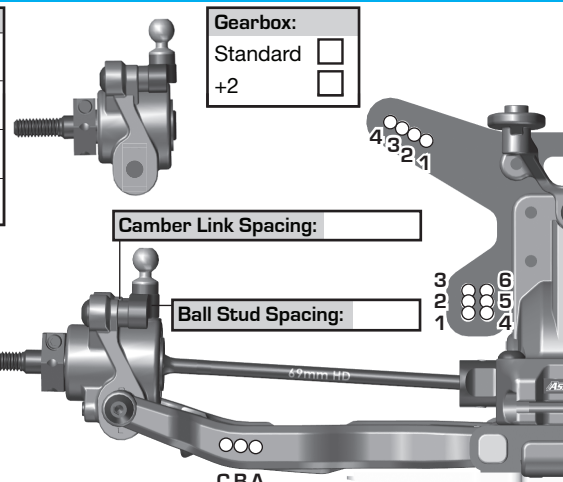
+3 ☐
+2 ☐
+1 ☐
+0 ☐

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:	_____	



Stroke

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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