

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



TEAM ASSOCIATED



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

#90050 RC10B84 Off Road Buggy Team Kit



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 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) | | | | |

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



Customer Service
Tel: 949.544.7500
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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)

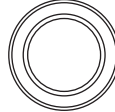
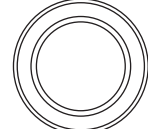
LP Socket Head (lp shcs)

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

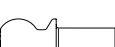
Nuts (lock/plain)

	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



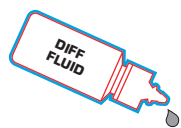
This symbol indicates a Racers Tip.



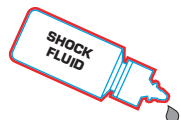
There is a 1:1 hardware foldout page in the front of the manual. To check the size of a part, line up your hardware with the correct drawing until you find the exact size. Each part in the foldout has a number assigned to it for ordering replacement parts.



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

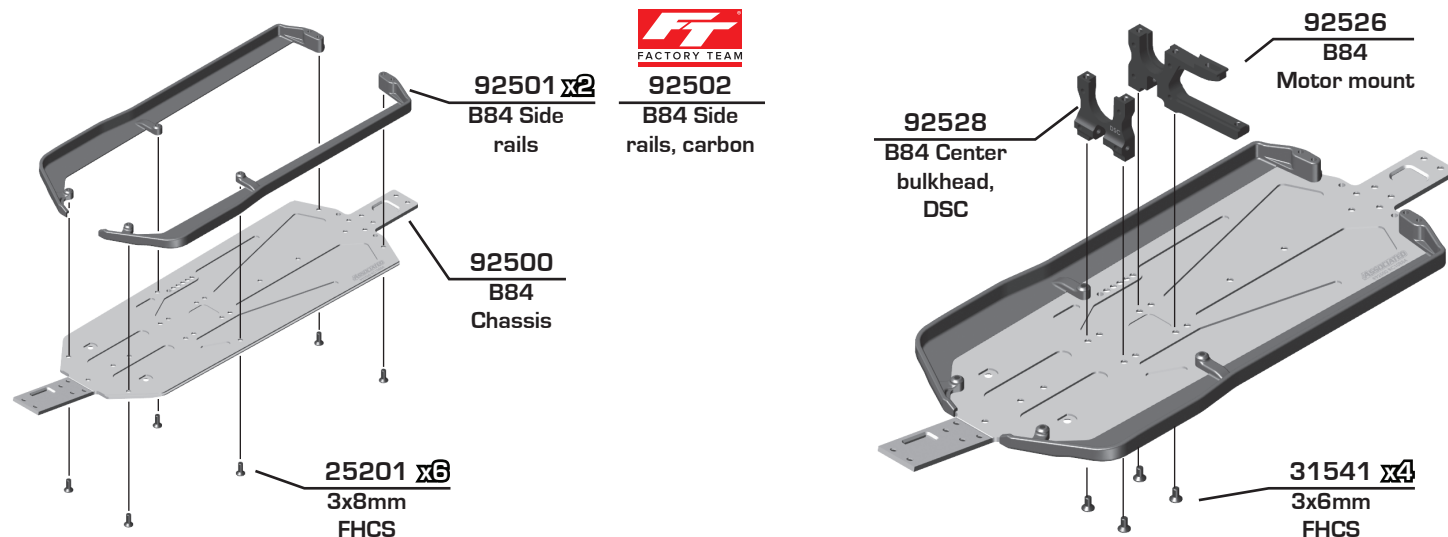


This symbol indicates where Black Grease should be applied.



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

Bag 1 - Step 1



Bag 1 - Step 2

Kit build for carpet kit



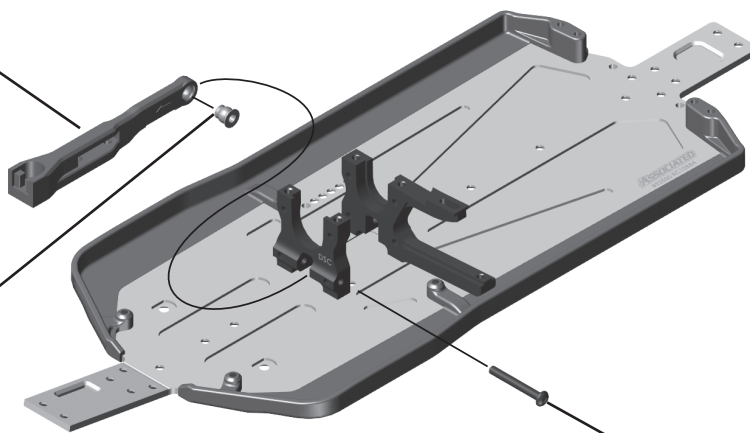
Note arrow indicates motor forward or back



92504
B84 FT Carbon
Chassis brace,
front
(motor forward)

92503
B84 Chassis
brace, front
(motor forward)

91819
Pivot balls



89204
3x24mm
BHCS

Bag 1 - Step 3

Kit build for carpet kit



Note arrow indicates motor forward or back



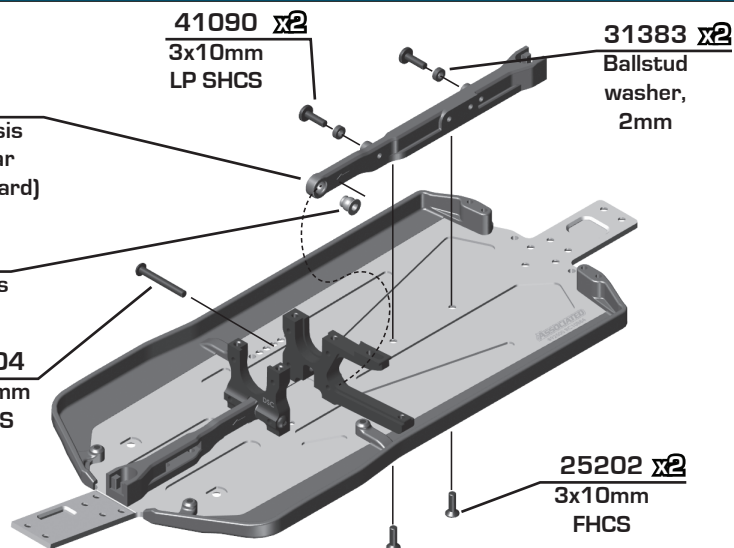
92504
B84 FT Carbon
Chassis brace,
rear
(motor forward)

92503
B84 Chassis
brace, rear
(motor forward)

91819
Pivot balls

41090 x2
3x10mm
LP SHCS

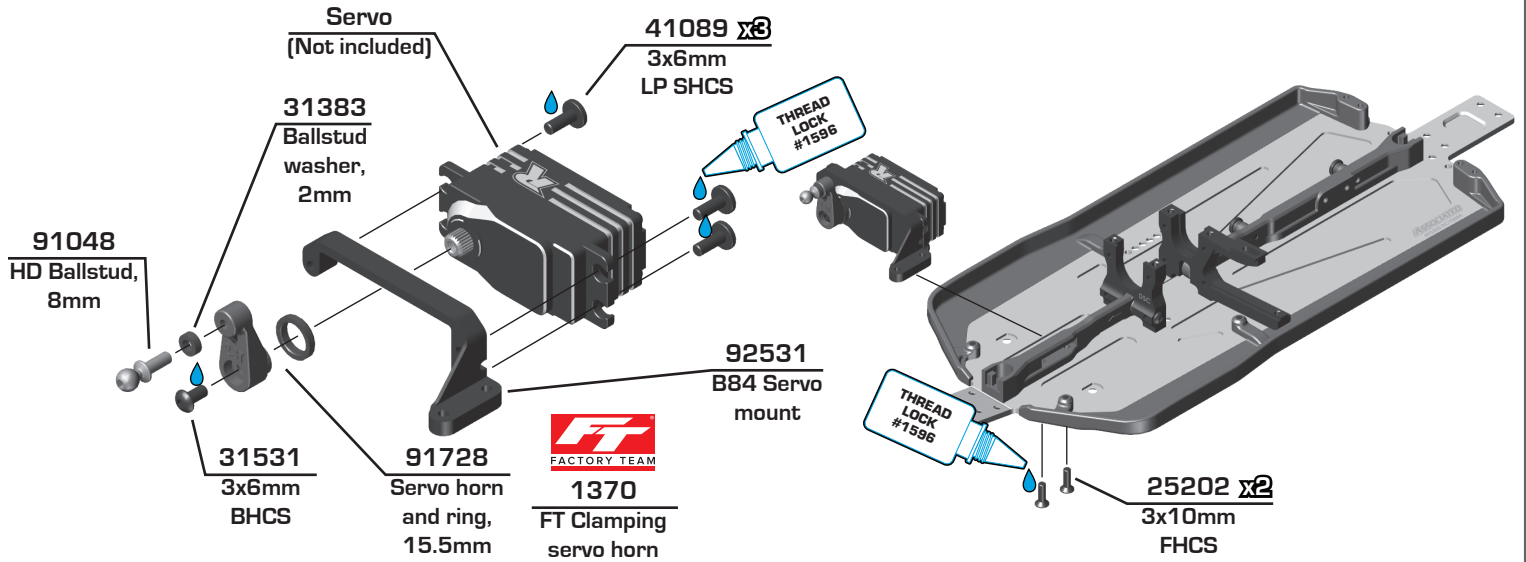
89204
3x24mm
BHCS



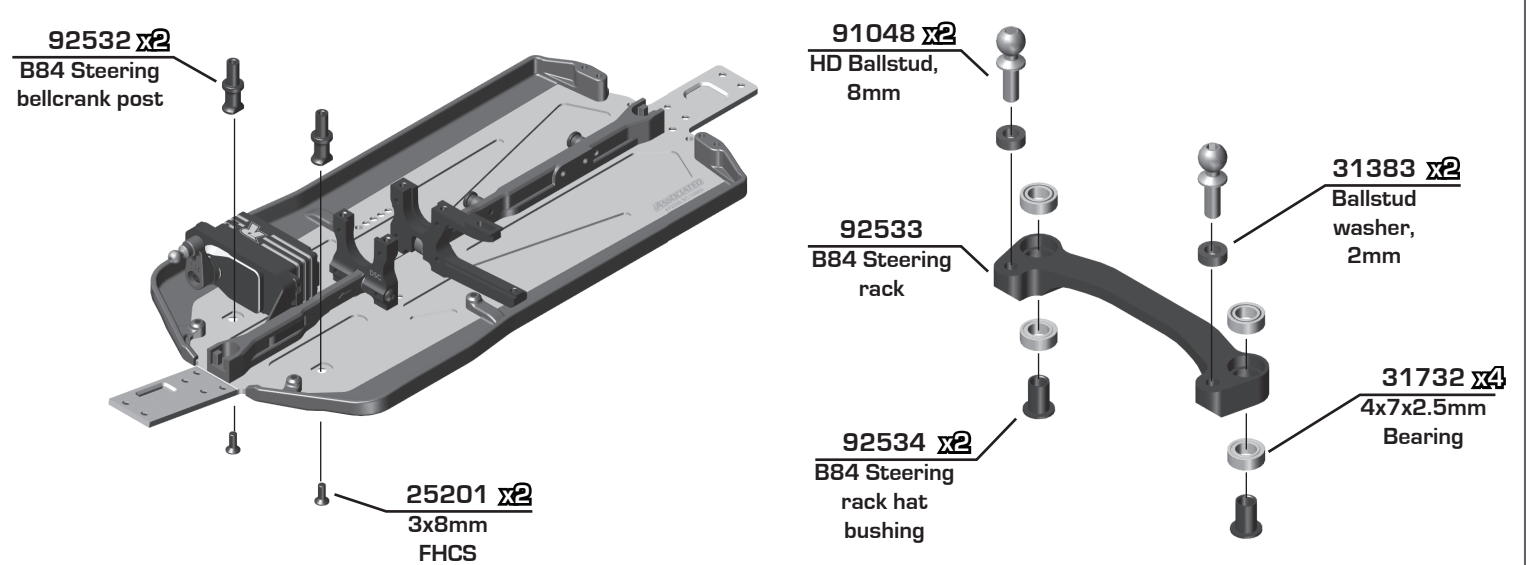
31383 x2
Ballstud
washer,
2mm

25202 x2
3x10mm
FHCS

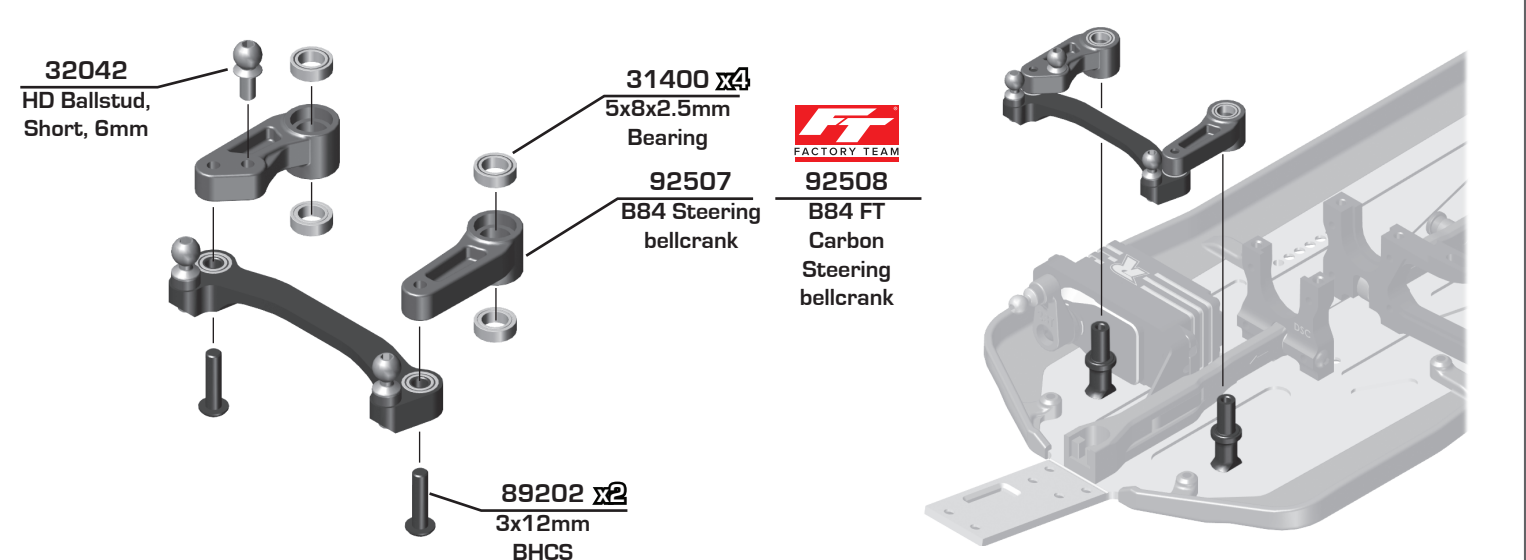
Bag 1 - Step 4



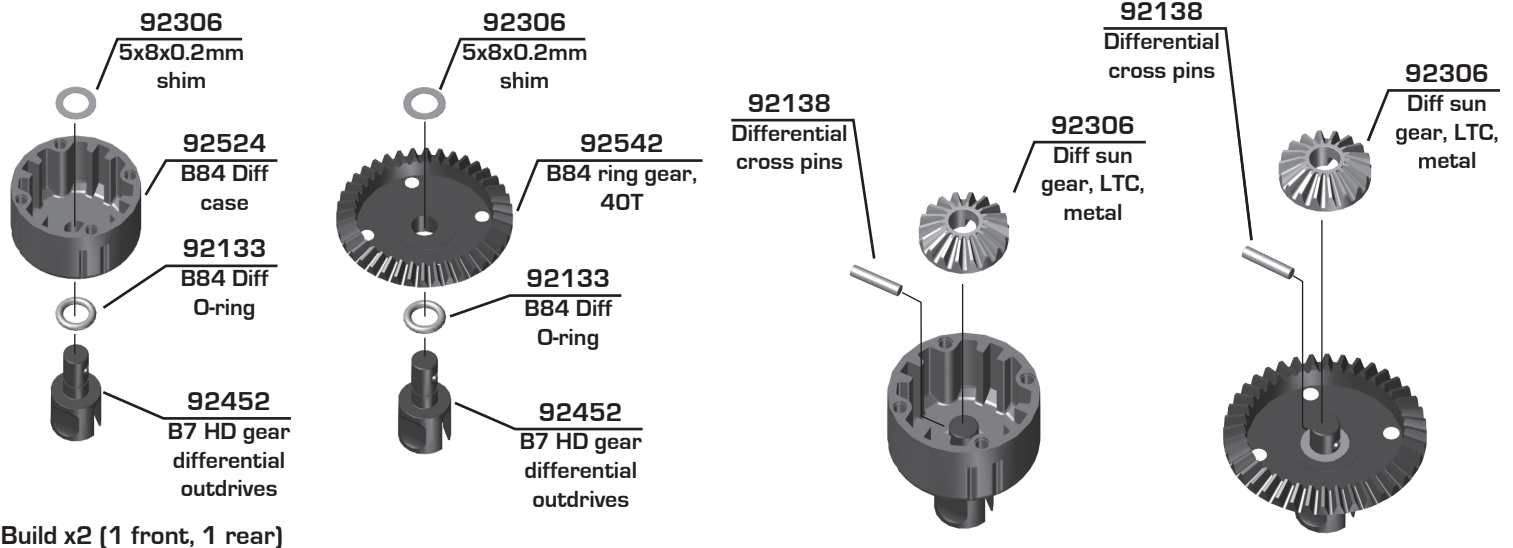
Bag 1 - Step 5



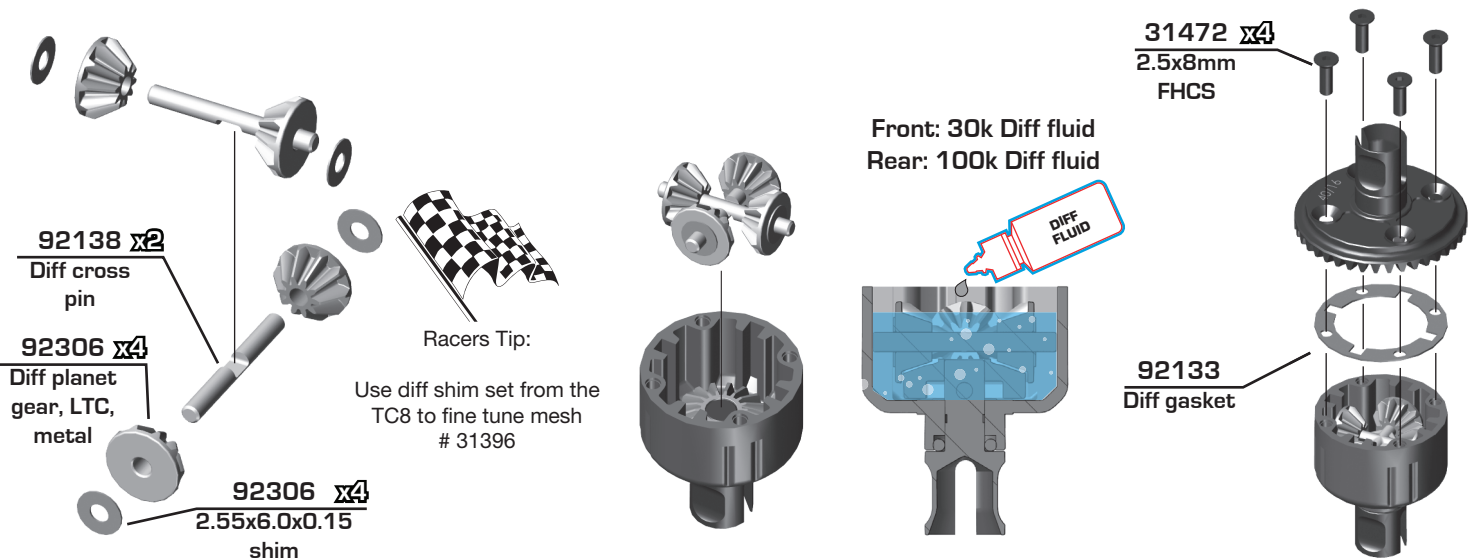
Bag 1 - Step 6



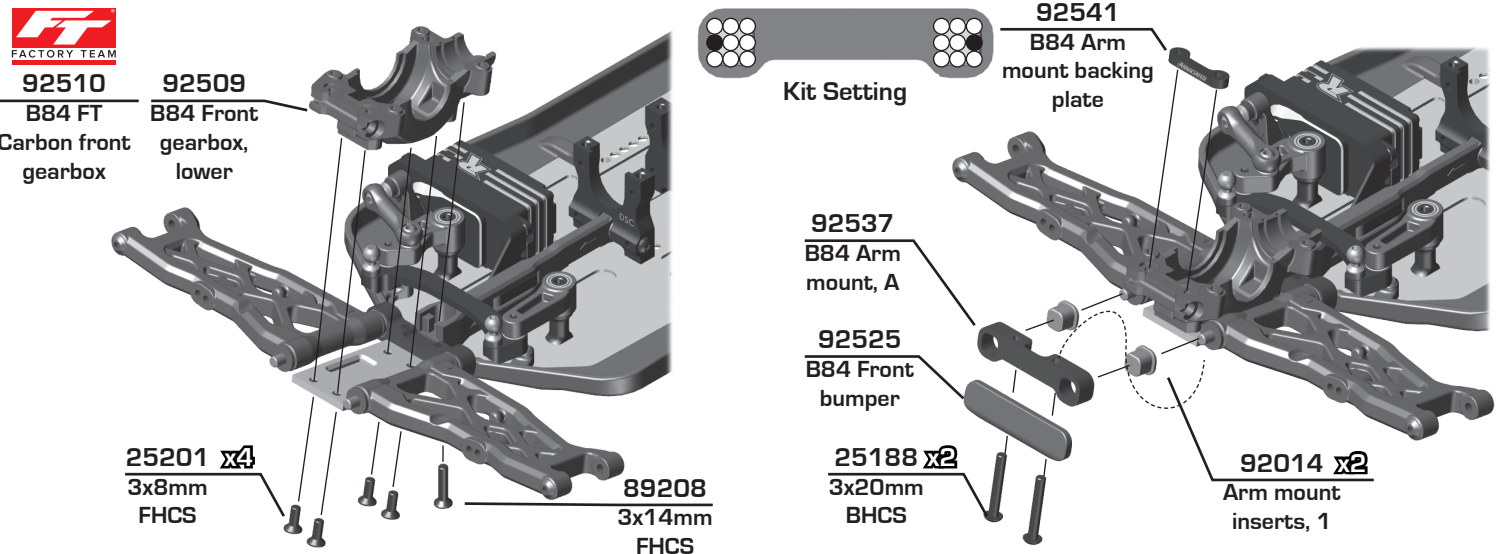
Bag 3 - Step 1



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 Shims,
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

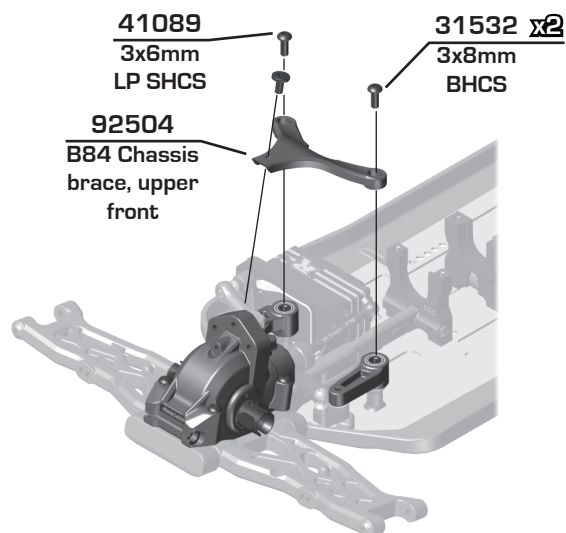
89202 x4
3x12mm
BHCS

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.

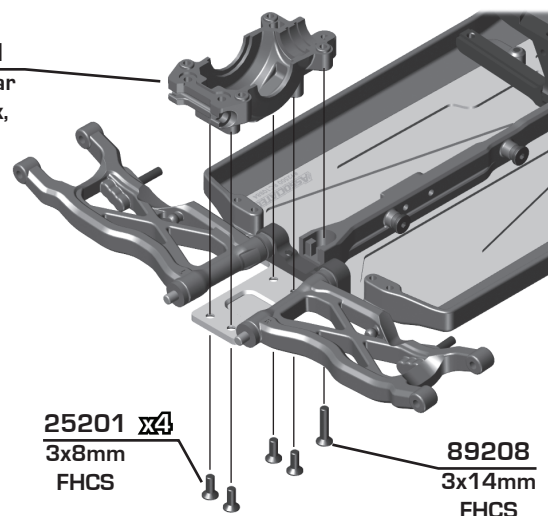
Take extra care not to strip these screw holes out. Stripping the plastic will result in premature failure.

:: Bag 4 - Step 5

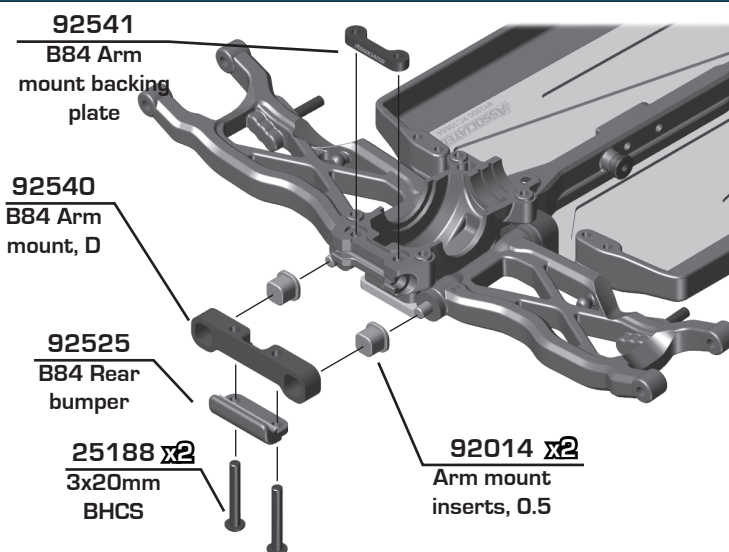
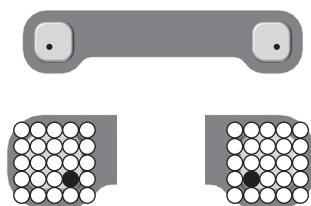


92512
B84 FT
Carbon rear
gearbox,
+2mm

92511
B84 Rear
gearbox,
lower,
+2mm



:: Bag 4 - Step 6



:: 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

92216
CVA cup, center,
aluminum

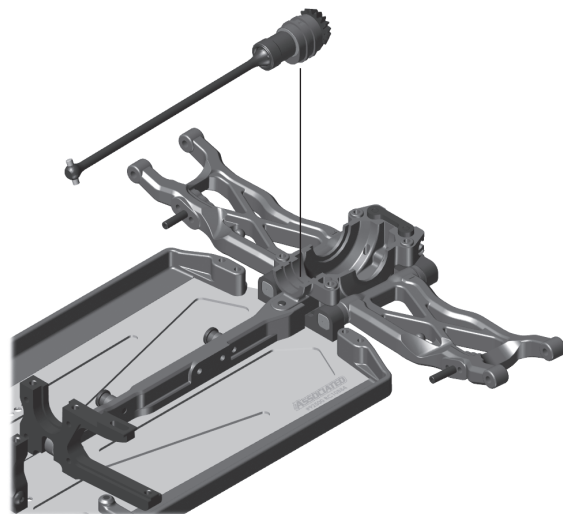
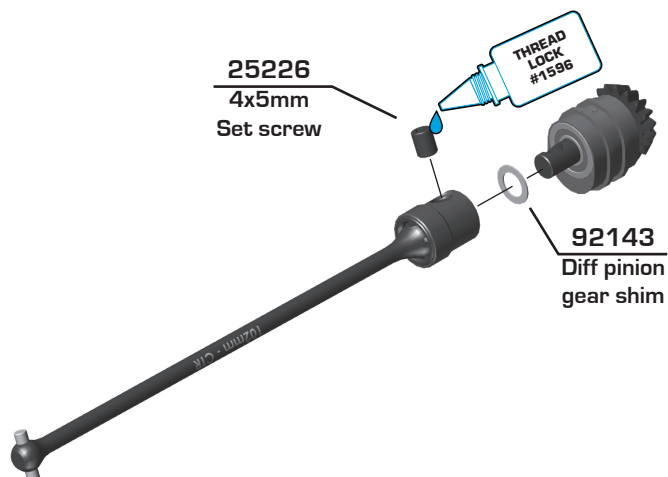
92142
Differential
pinion gear,
16T

92513
B84 Diff pinion
height insert,
1

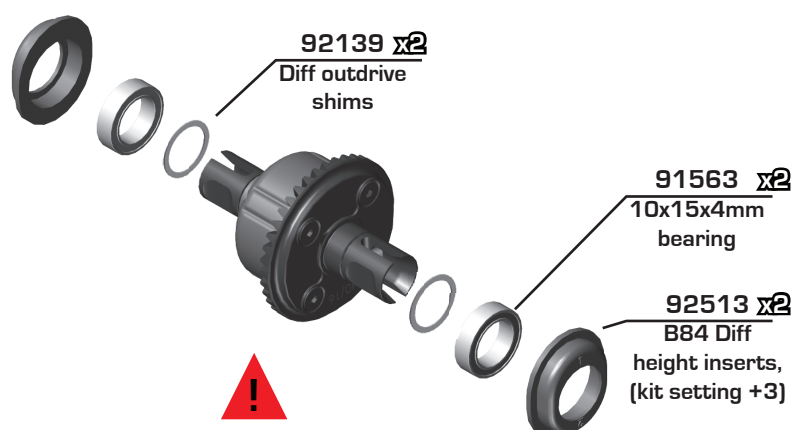


Number shown on the top
and bottom of the rear insert
after insertion should match the
diff height desired.
Kit setup: "0"

:: Bag 4 - Step 8



:: Bag 4 - Step 9



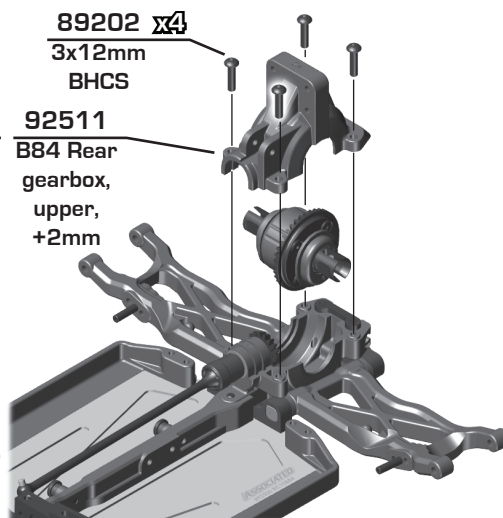
Start by shimming the diff with one shim on either side of the diff. If the diff is tight when inserted into the gearbox, remove one shim from the ring gear side and add it to the diff case side.



92512
B84 FT
Carbon rear
gearbox,
+2mm

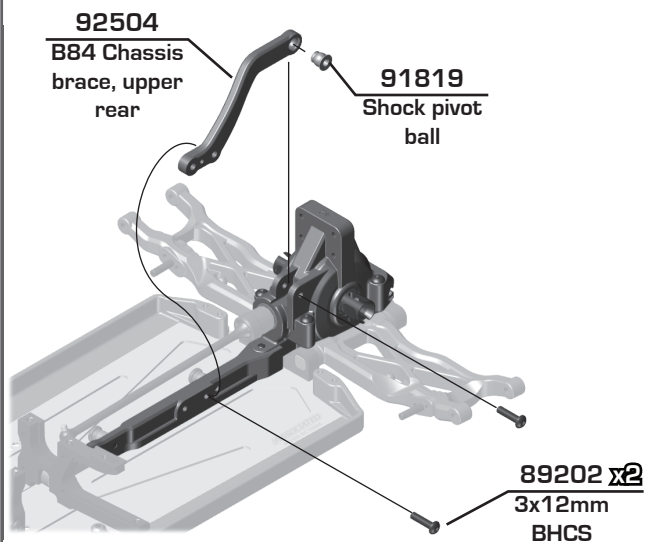
89202 x4
3x12mm
BHCS

92511
B84 Rear
gearbox,
upper,
+2mm

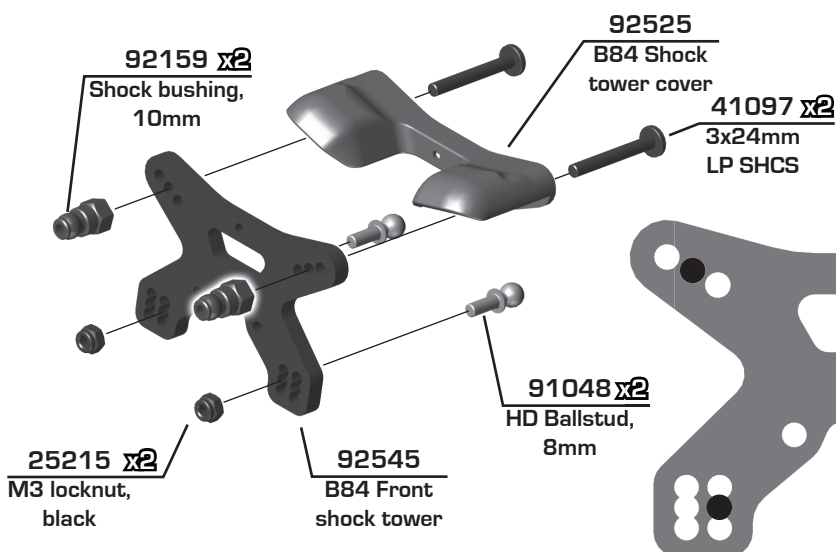


Take extra care not to strip these screw holes out. Stripping the plastic will result in premature failure.

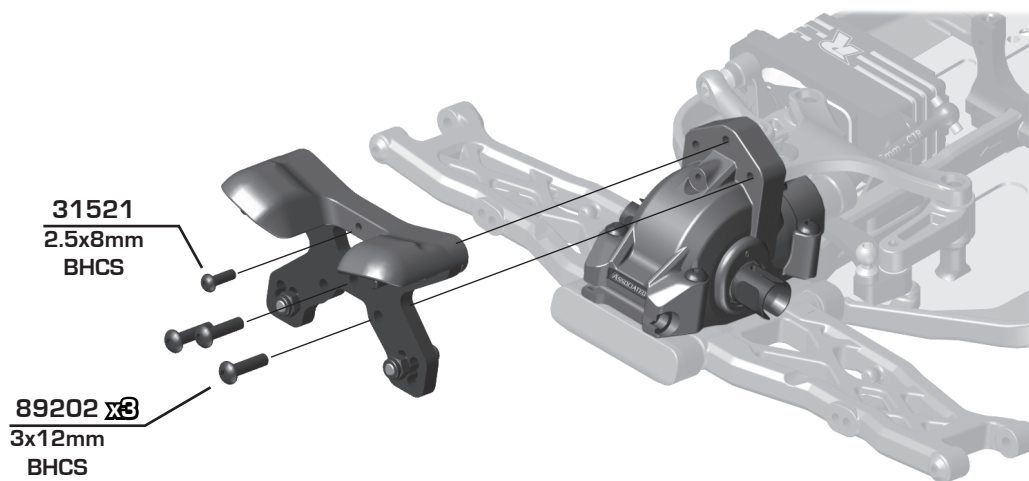
:: Bag 4 - Step 10



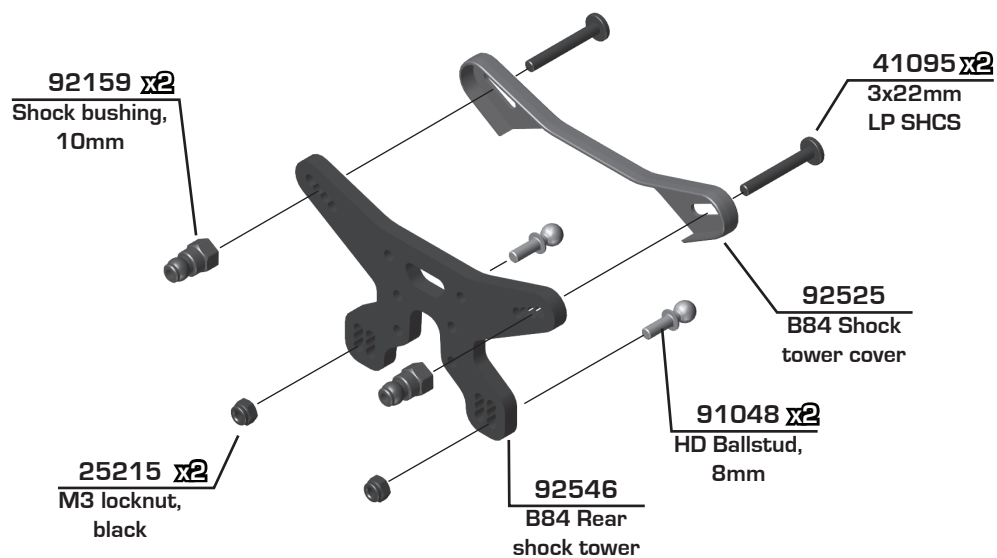
:: Bag 5 - Step 1



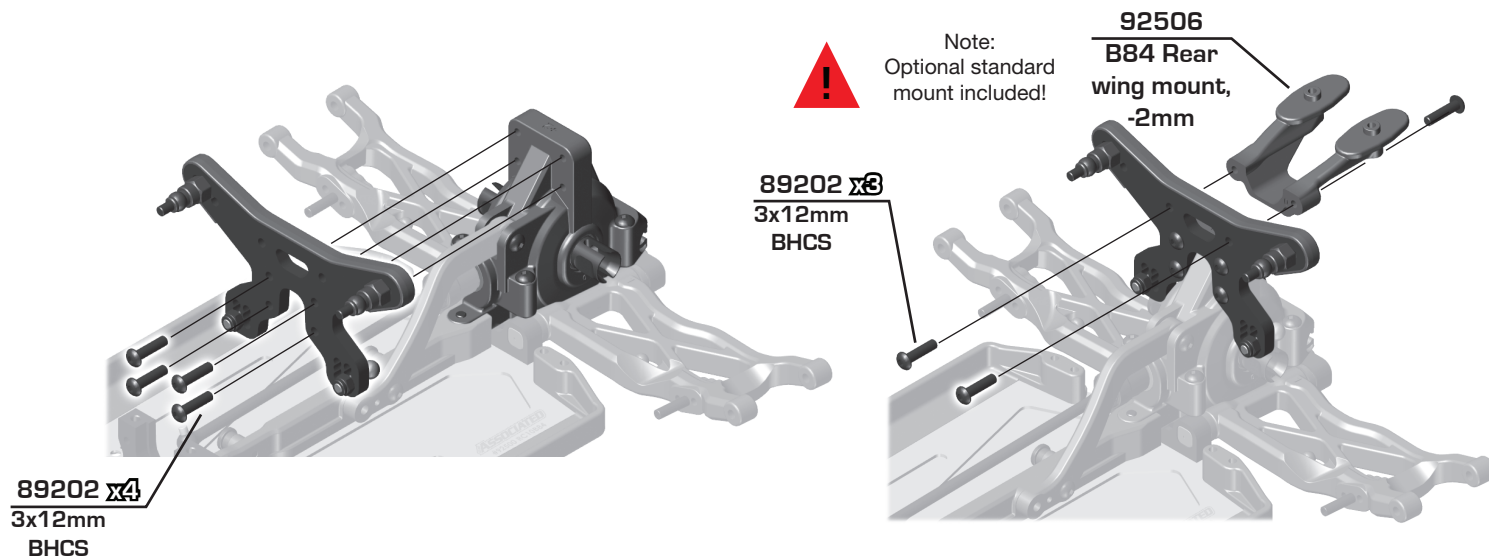
Bag 5 - Step 2



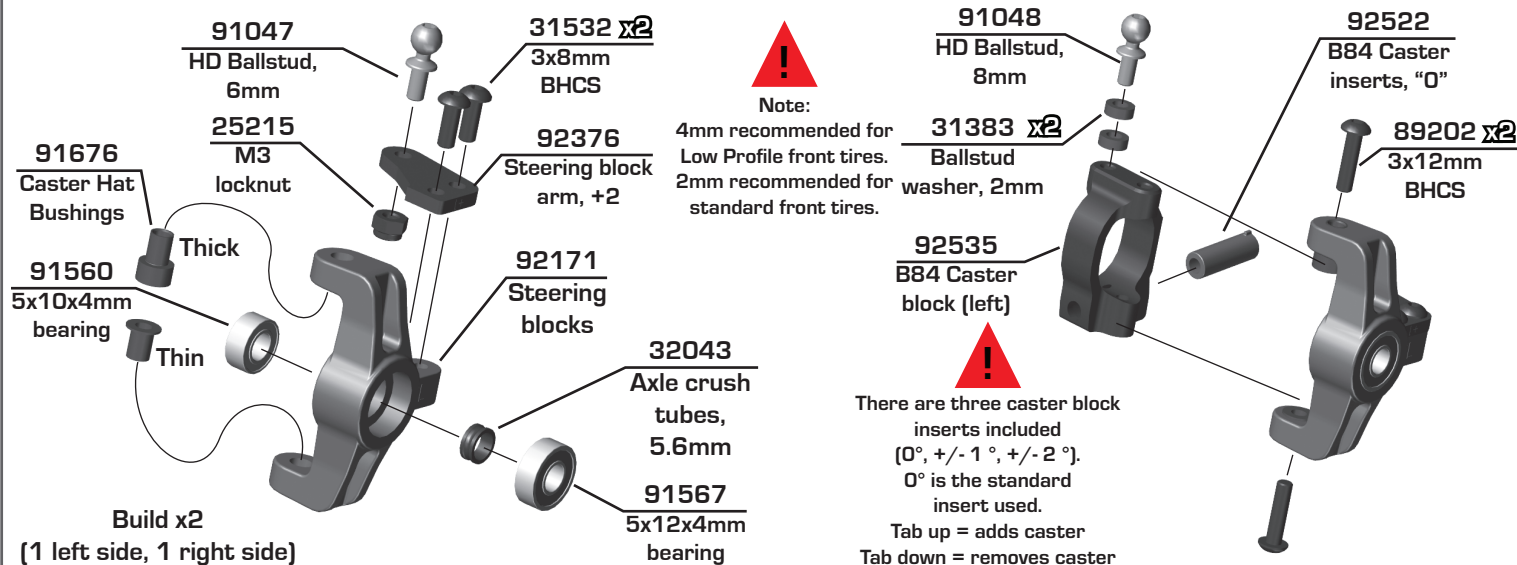
Bag 5 - Step 3



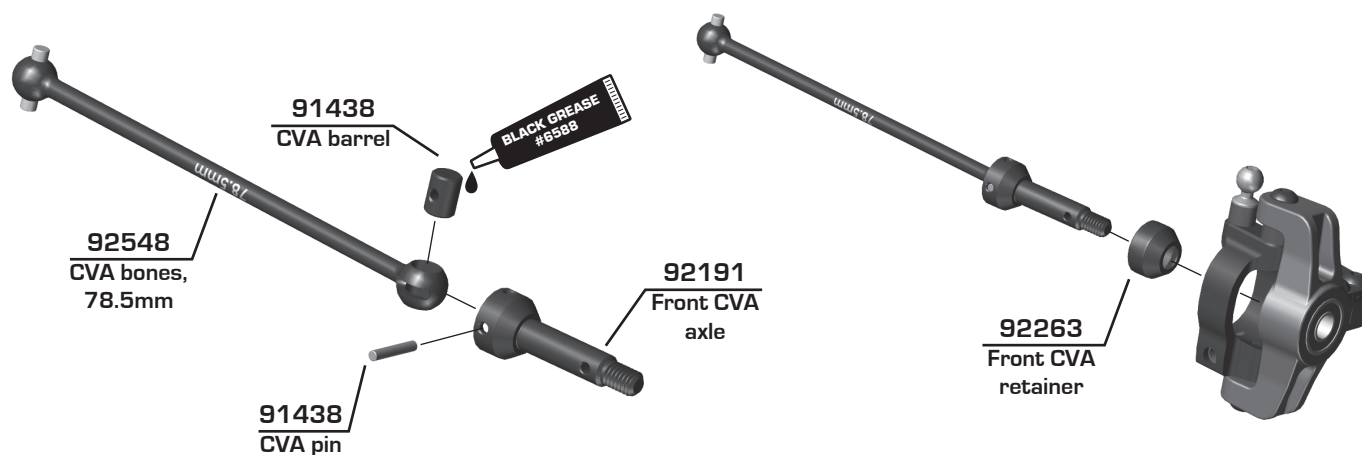
Bag 5 - Step 4



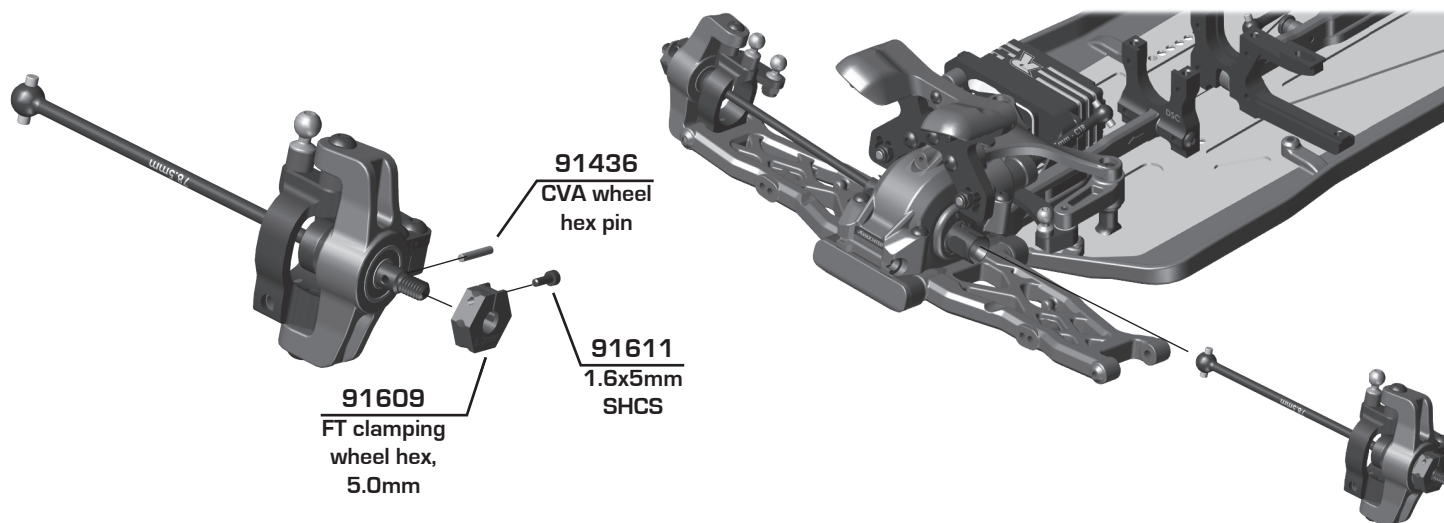
Bag 6 - Step 1



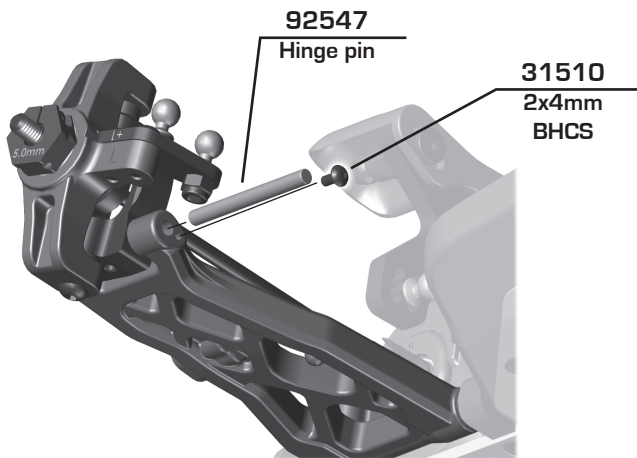
Bag 6 - Step 2



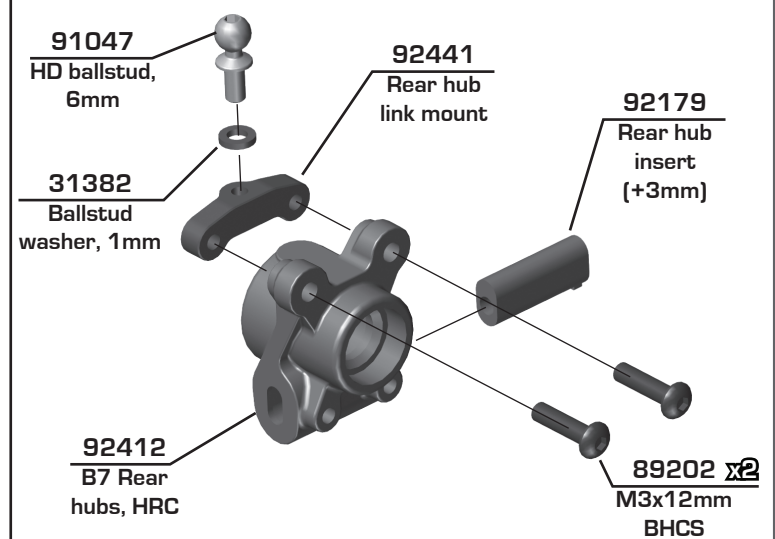
Bag 6 - Step 3



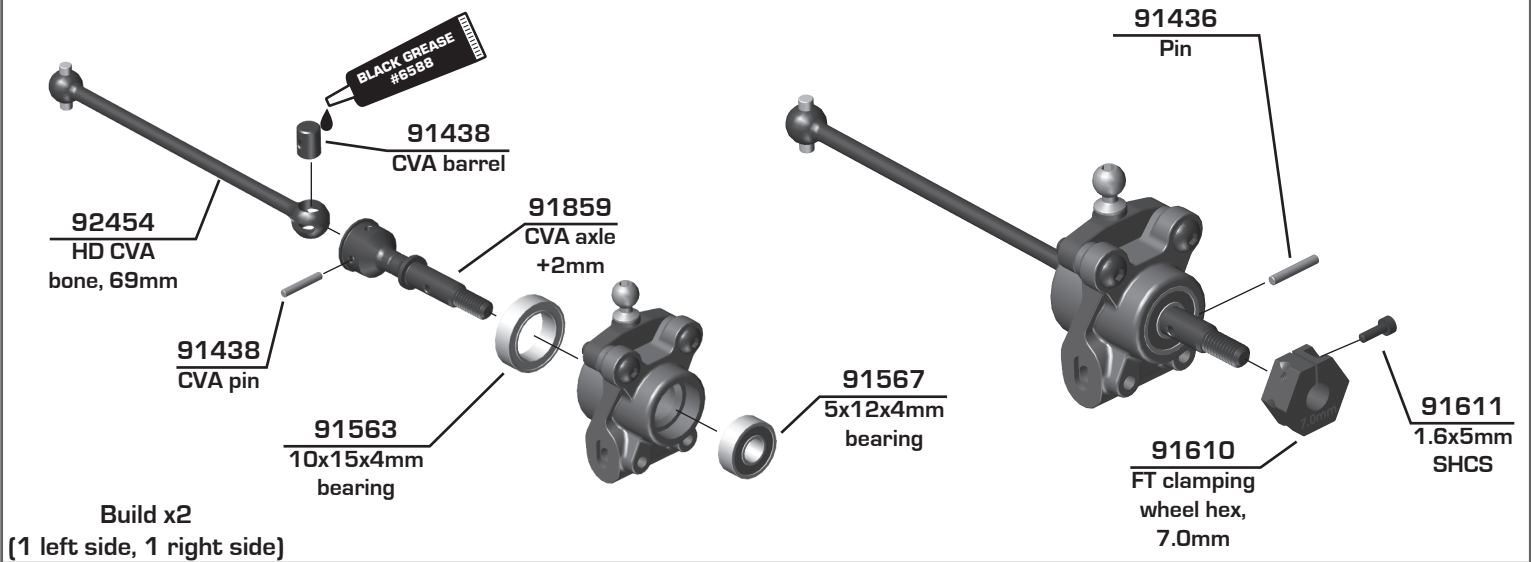
:: Bag 6 - Step 4



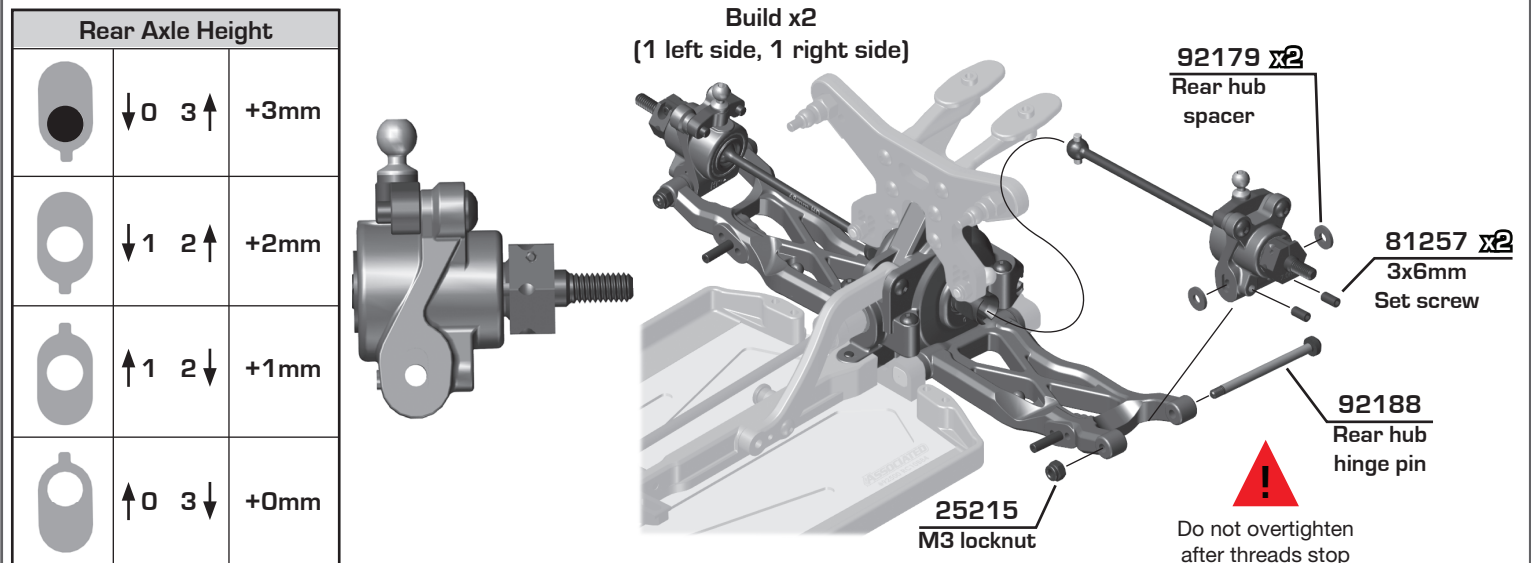
:: Bag 7 - Step 1



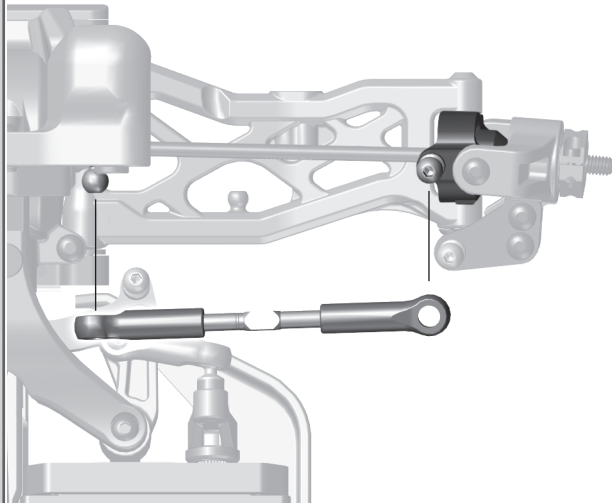
:: Bag 7 - Step 2



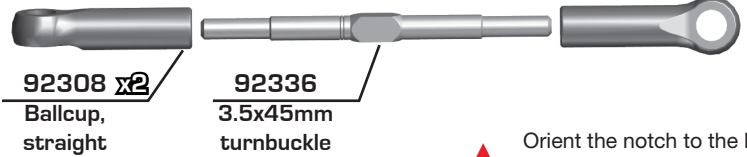
:: Bag 7 - Step 3



:: Bag 8 - Step 1



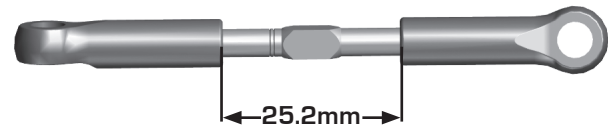
Build x2 (1 left side, 1 right side)



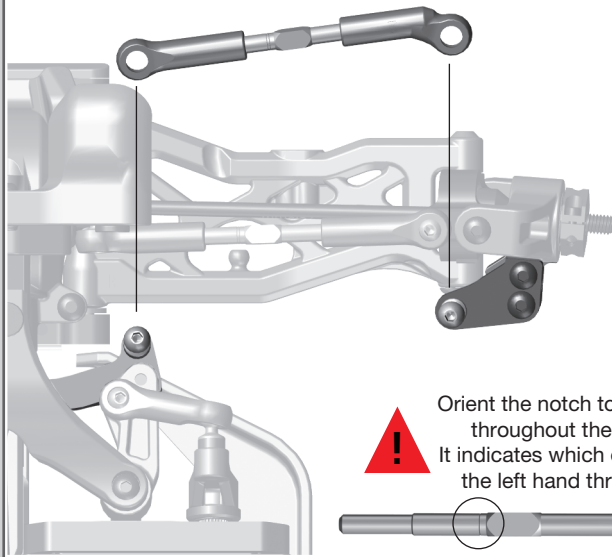
! Orient the notch to the left throughout the car. It indicates which end has the left hand threads!



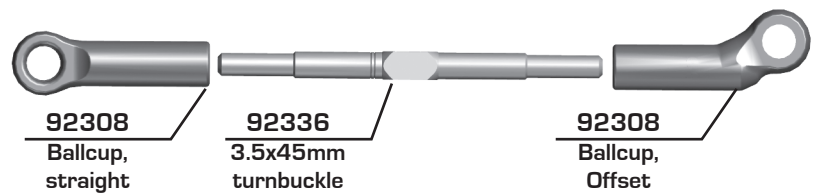
! Note: All turnbuckle inner measurements are approximate.



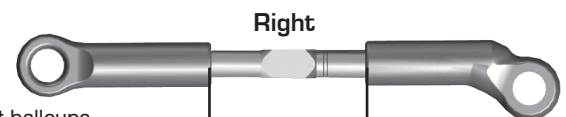
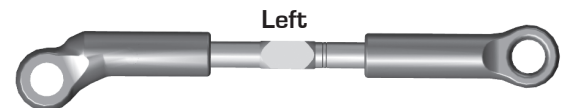
:: Bag 8 - Step 2



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



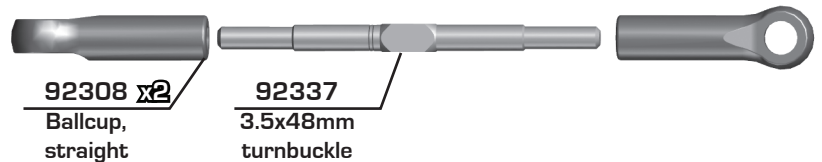
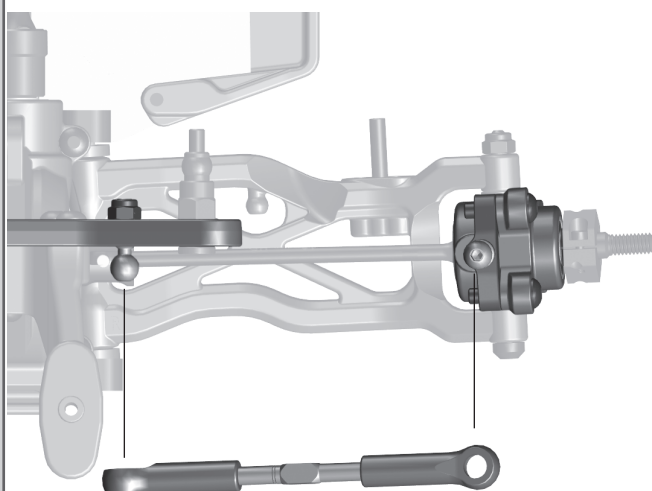
There is two offset ballcups labeled "1" and "2". The ballcup labeled "1" goes on the left side of the car.



21.2mm

Build x2 (1 left side, 1 right side)

:: Bag 8 - Step 3



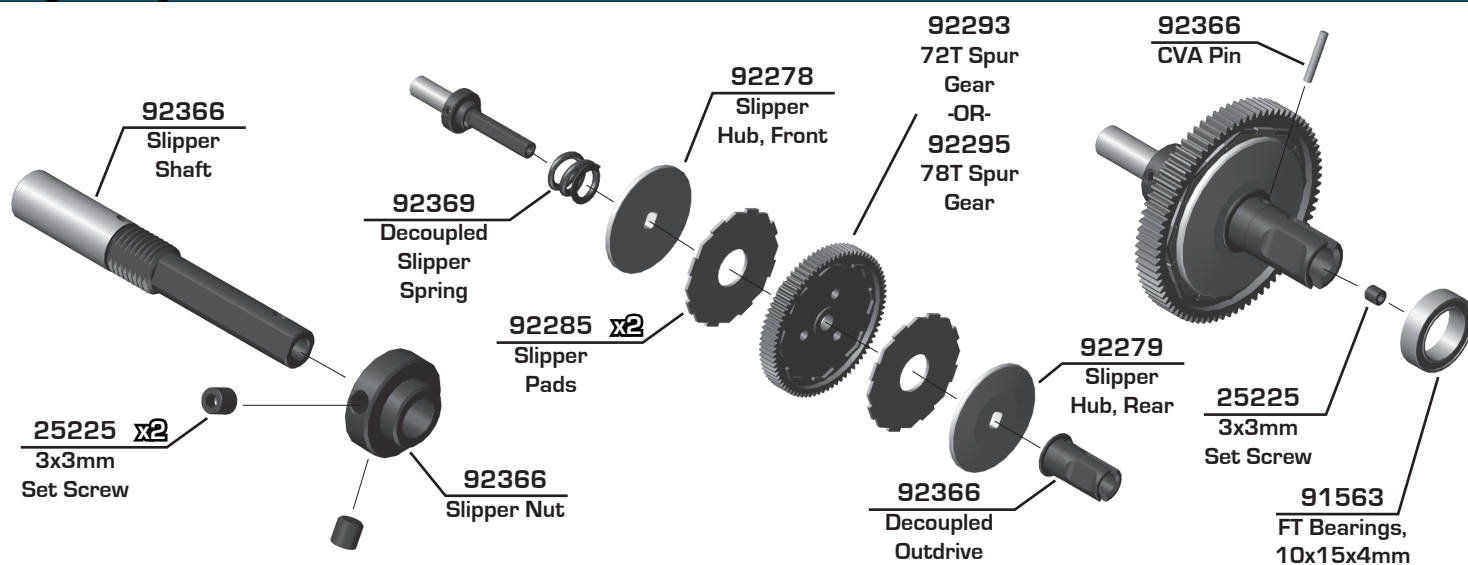
Build x2 (1 left side, 1 right side)



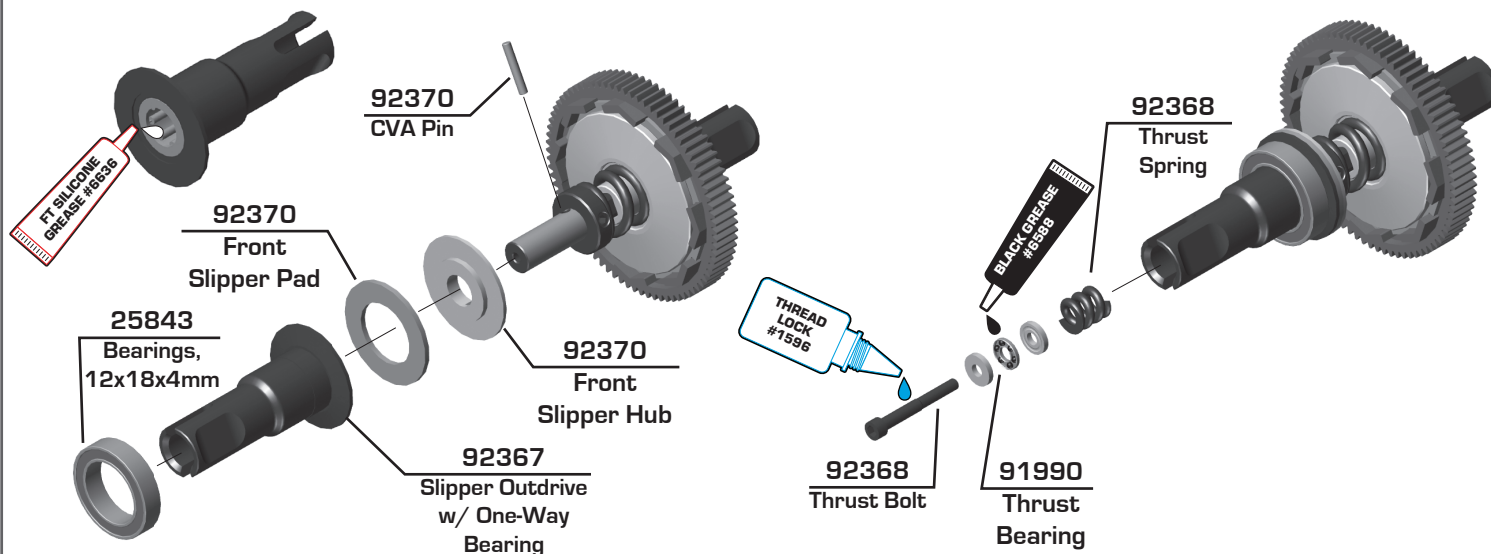
! Orient the notch to the left throughout the car. It indicates which end has the left hand threads!



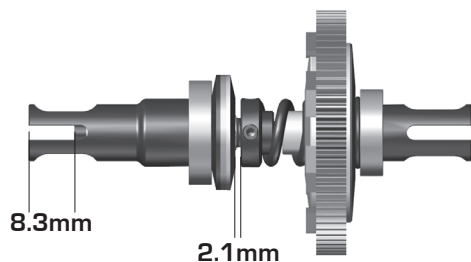
Bag 9 - Step 1



Bag 9 - Step 2



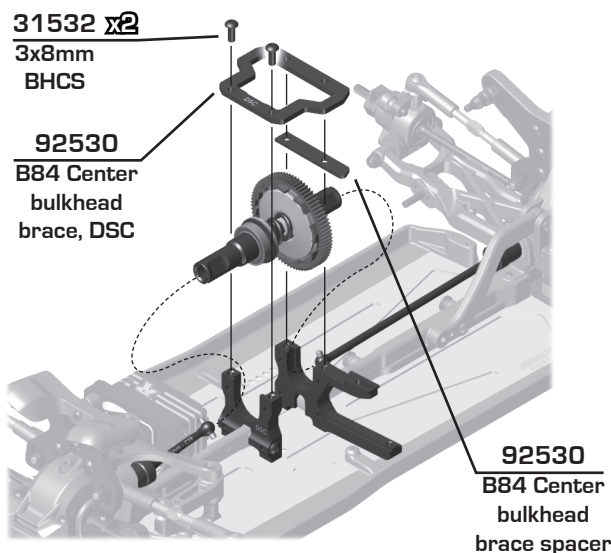
Bag 9 - Step 3



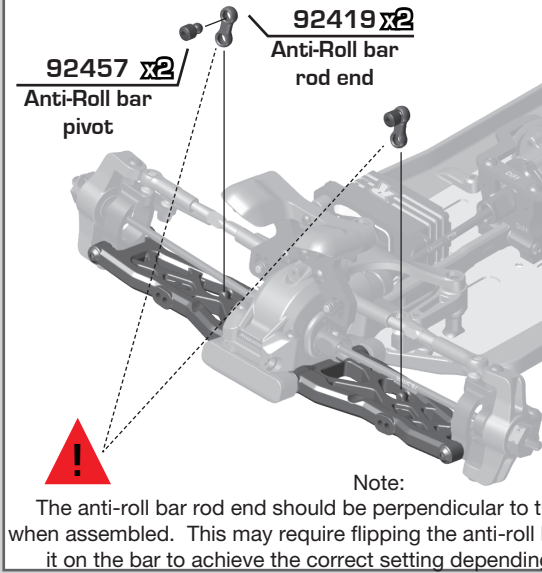
Spur gear direction has a cutout to fit over the slipper housing



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



:: Bag 10 - Step 1



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

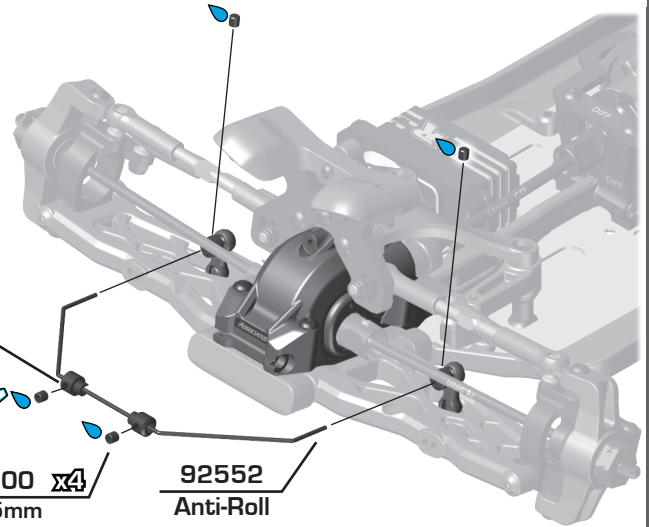
Note: Leave some side to side movement when setting the anti-roll bar collars. The anti-roll bar should not bind the suspension

92457 x2
Anti-roll bar collar

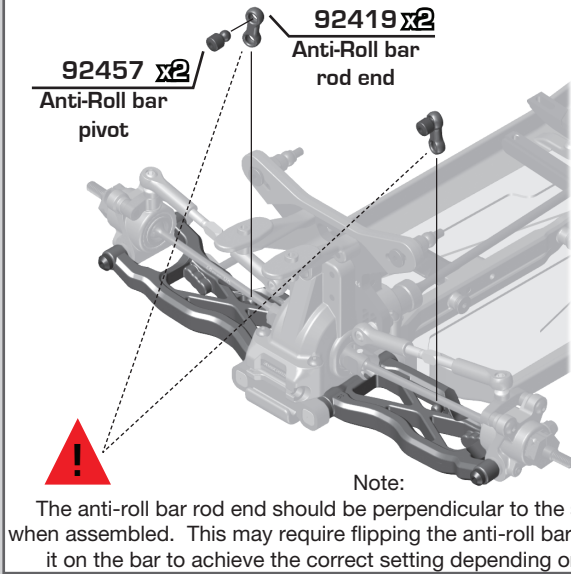


31500 x4
3x2.5mm Set screw

92552
Anti-Roll bar 1.8mm



:: Bag 10 - Step 2



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

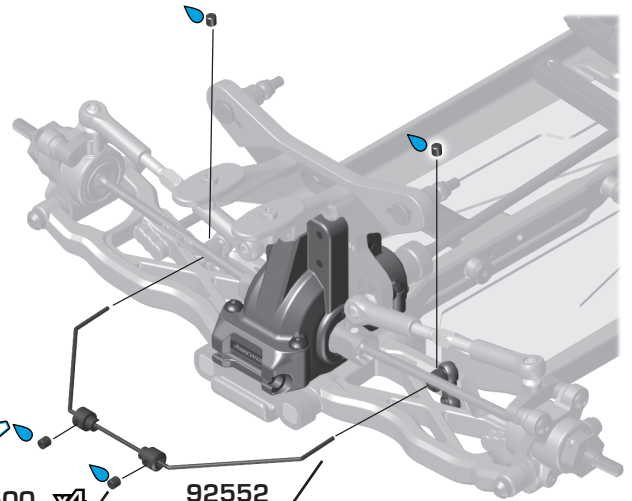
Note: Leave some side to side movement when setting the anti-roll bar collars. The anti-roll bar should not bind the suspension

92457 x2
Anti-roll bar collar

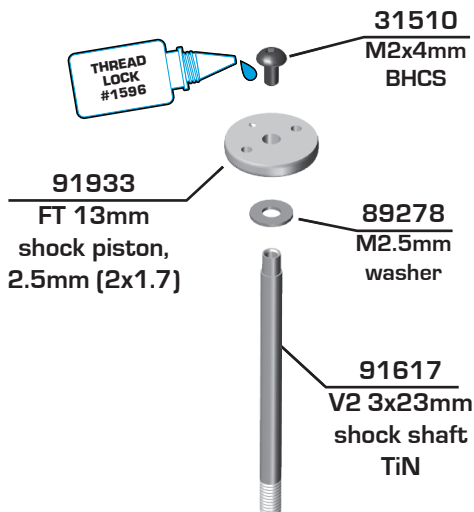


31500 x4
3x2.5mm Set screw

92552
Anti-Roll bar 2.0mm



:: Bag 11 - Step 1



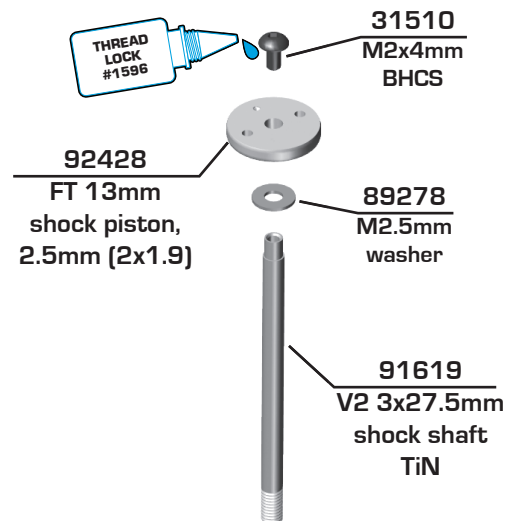
!
Mount the shock pistons with the number facing up!



Racers Tip:

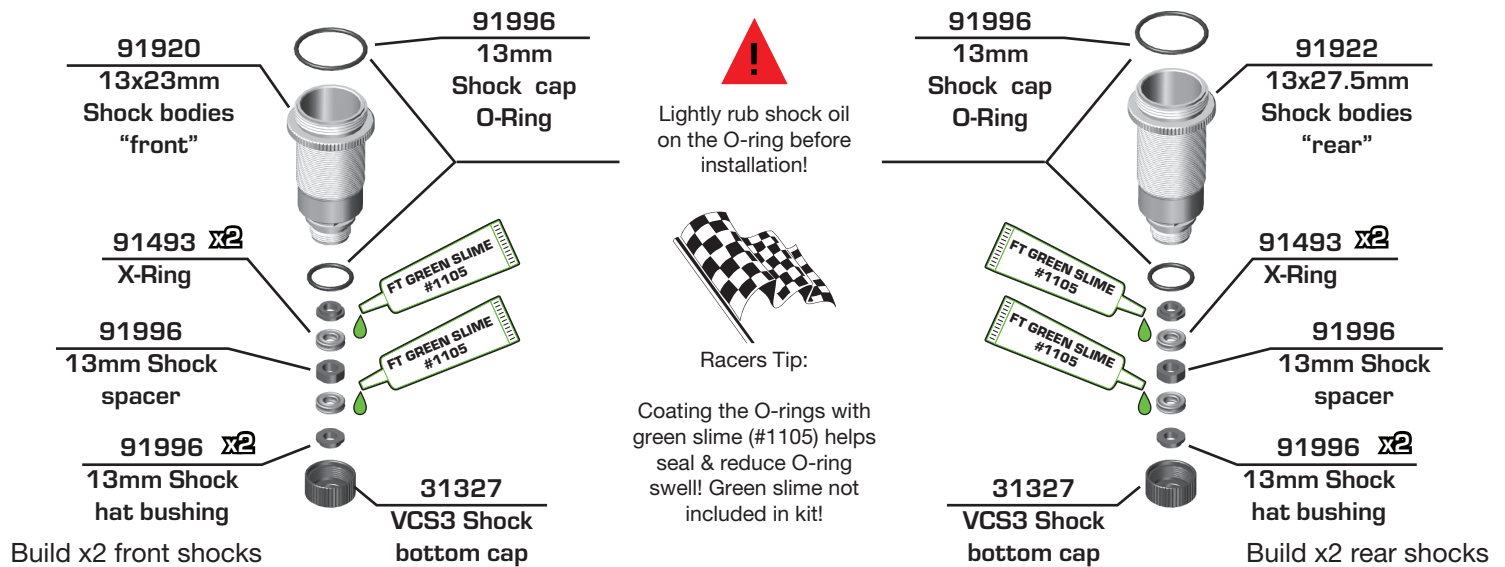
Use a marker over the numbers on the pistons to make them easily visible!

Build x2 front shocks

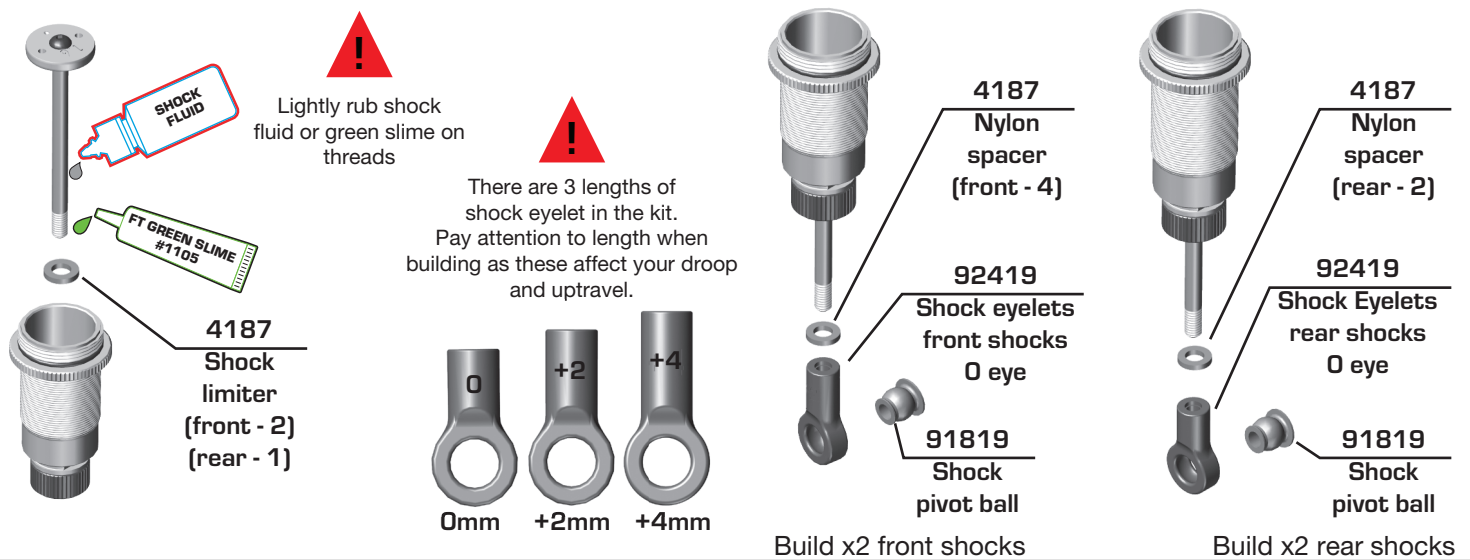


Build x2 rear shocks

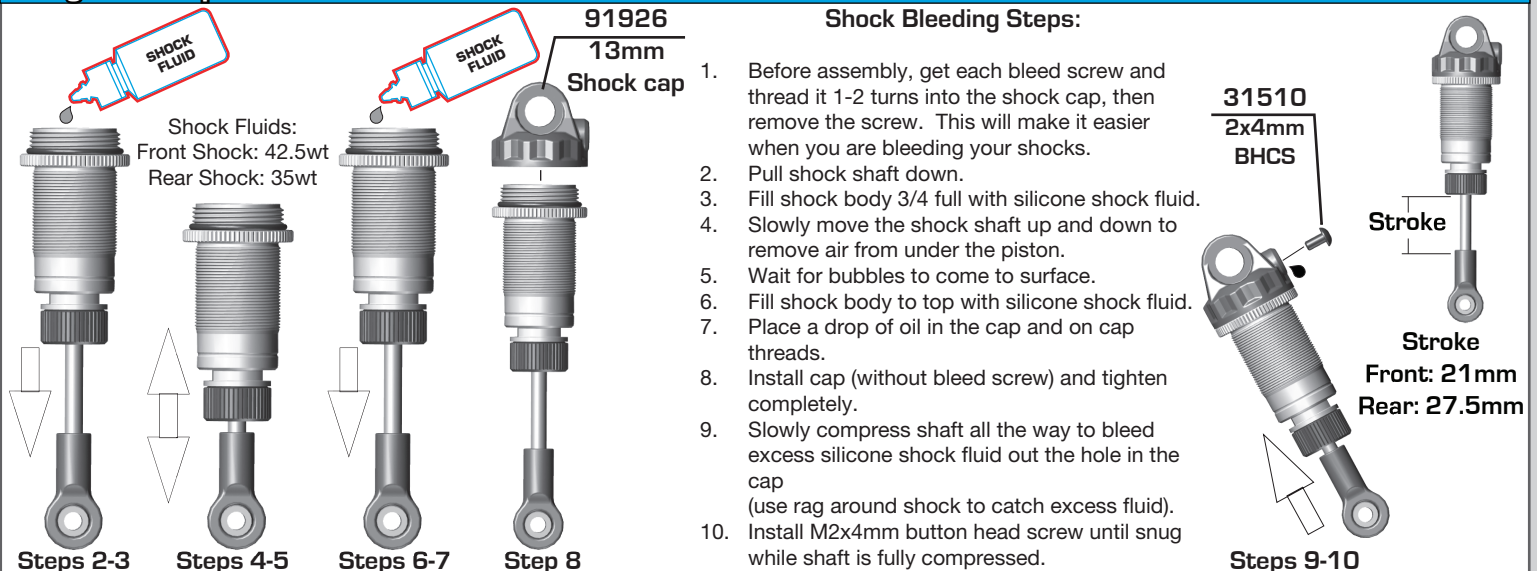
Bag 11 - Step 2



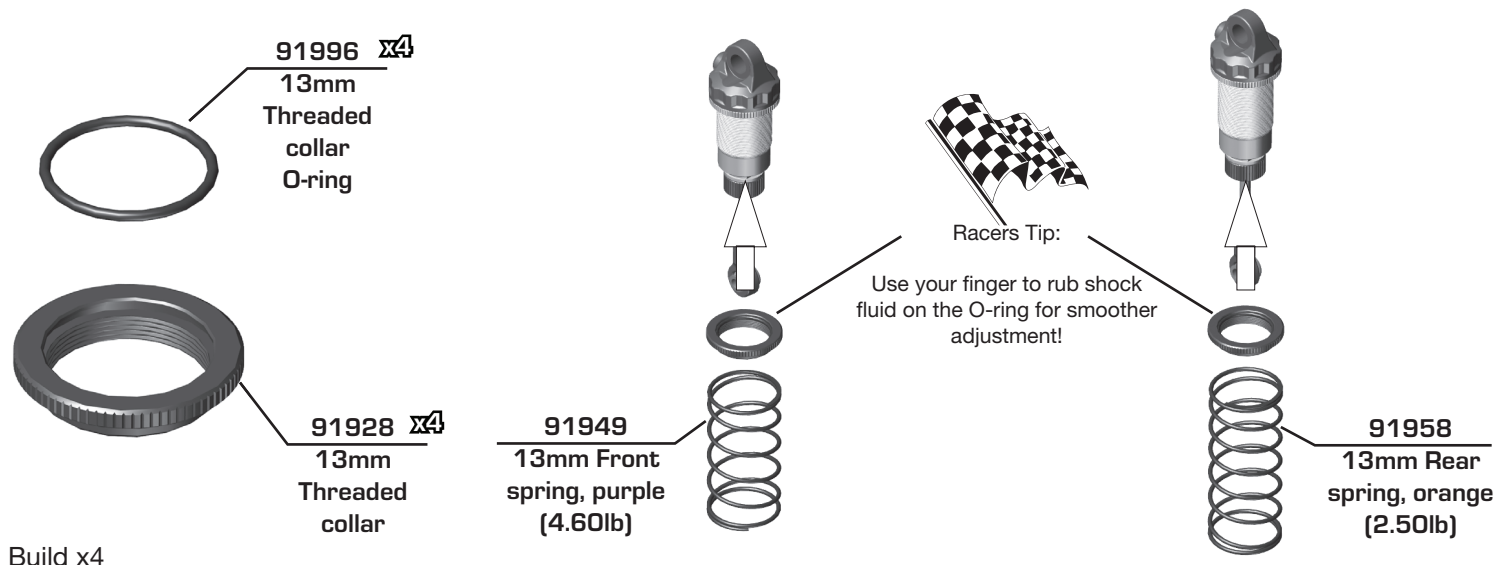
Bag 11 - Step 3



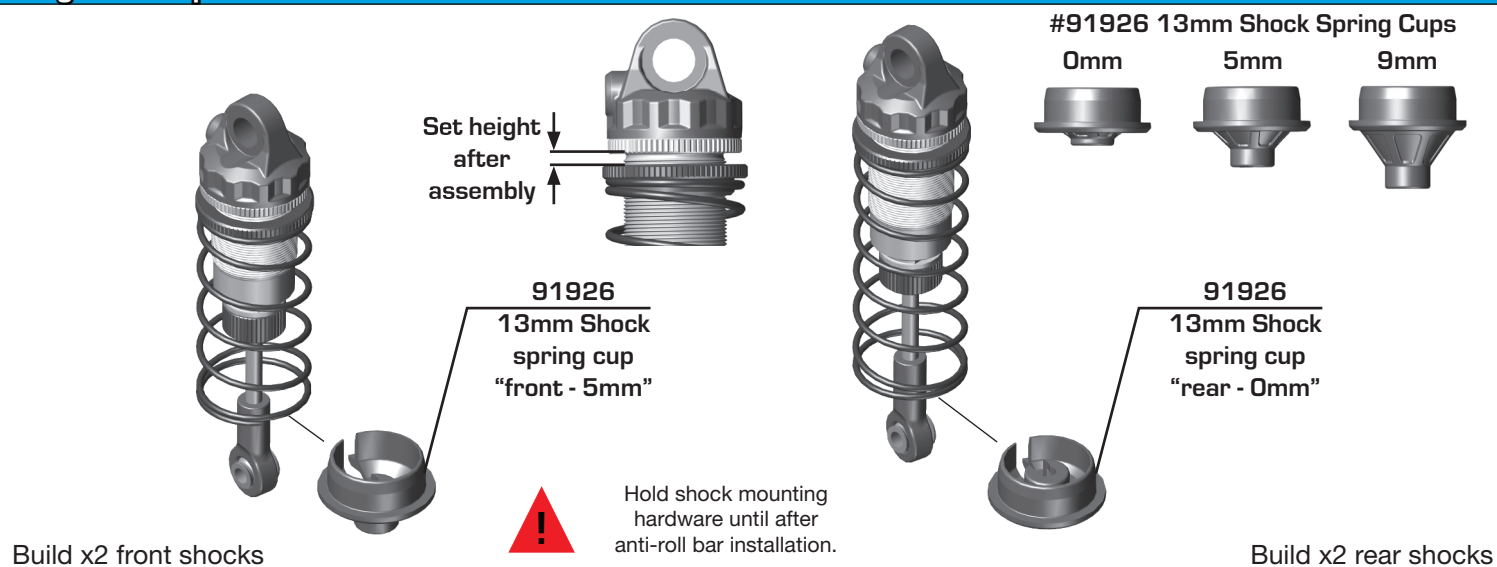
Bag 11 - Step 4



:: Bag 11 - Step 5

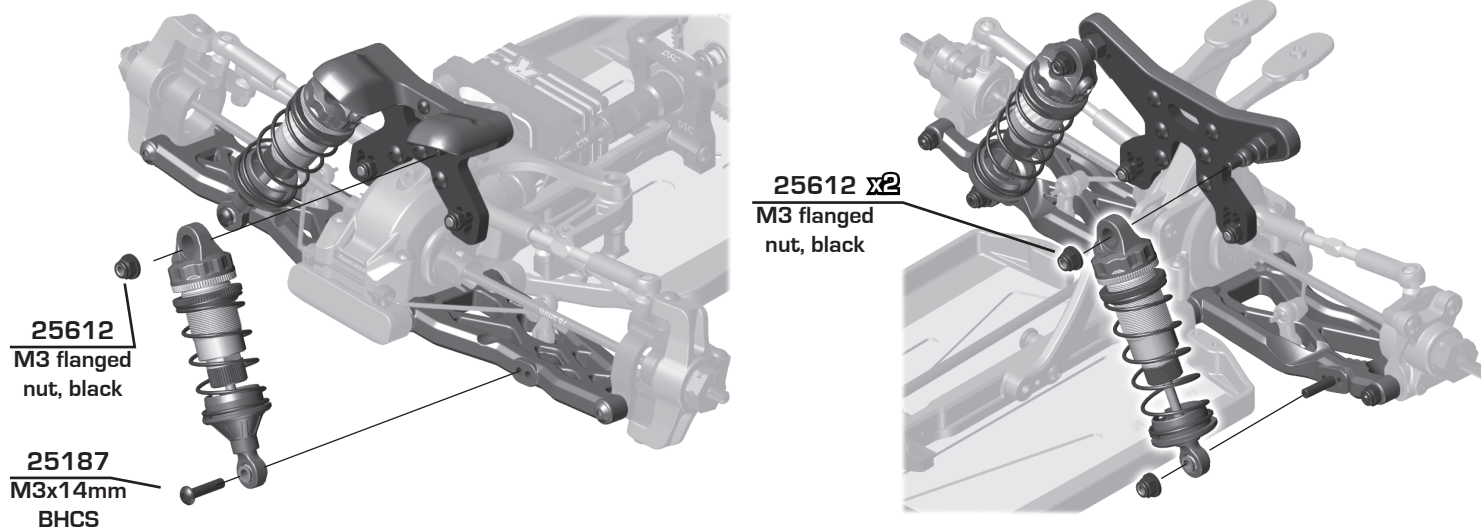


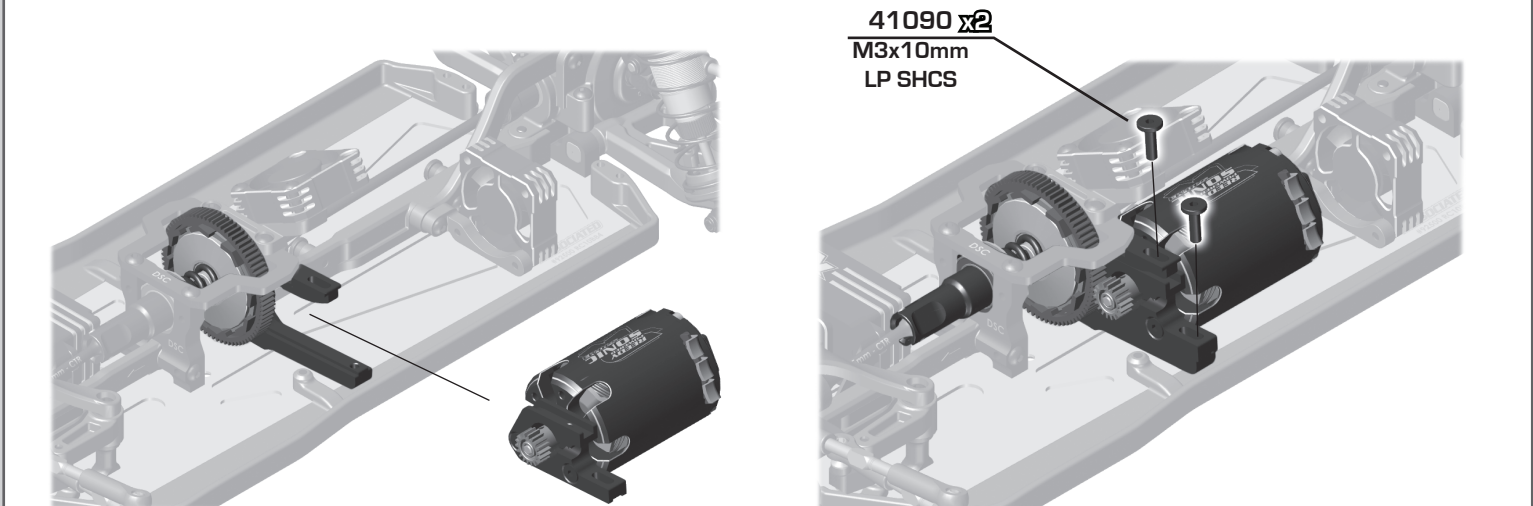
:: Bag 11 - Step 6



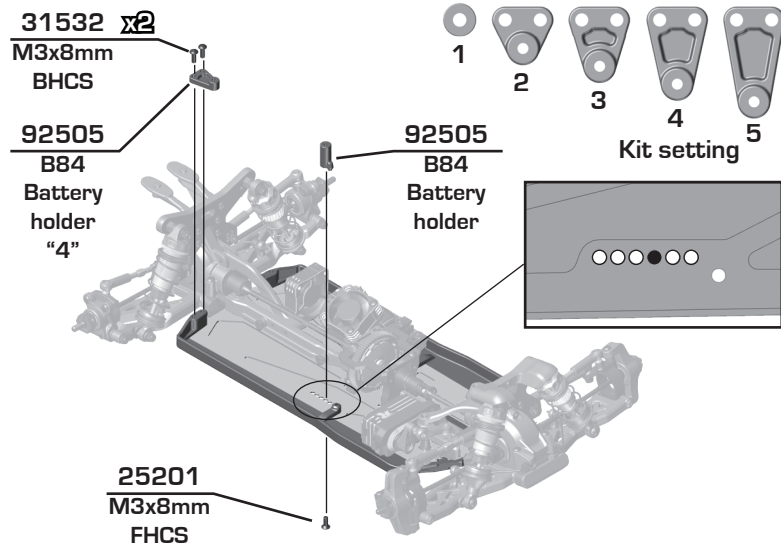
:: Bag 11 - Step 7

Install x2 front and x2 rear shocks

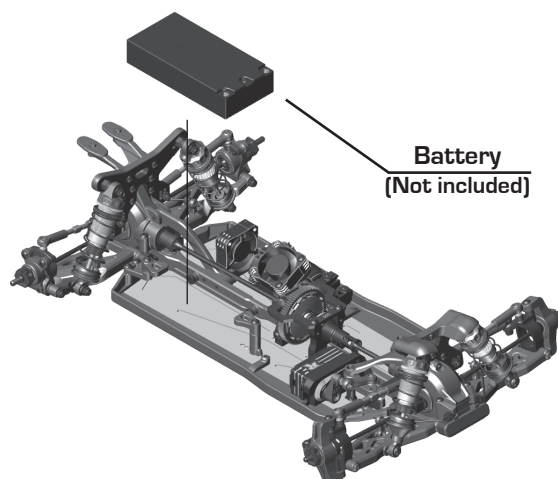




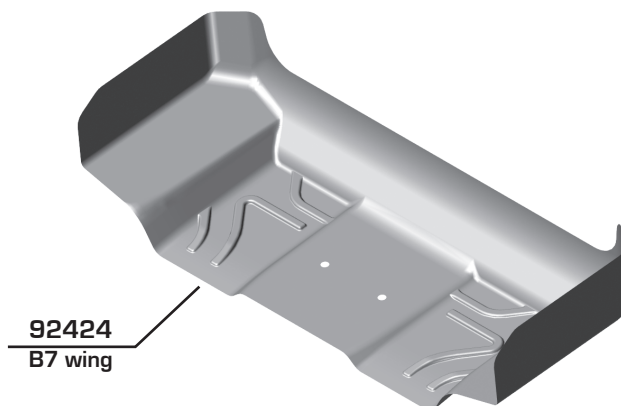
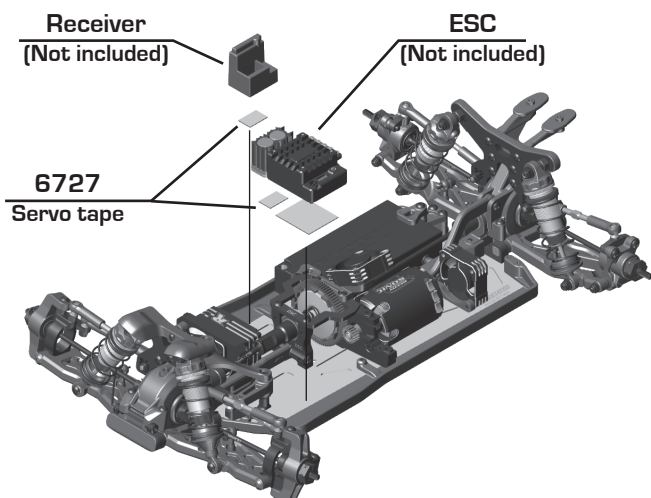
:: Bag 12 - Step 4



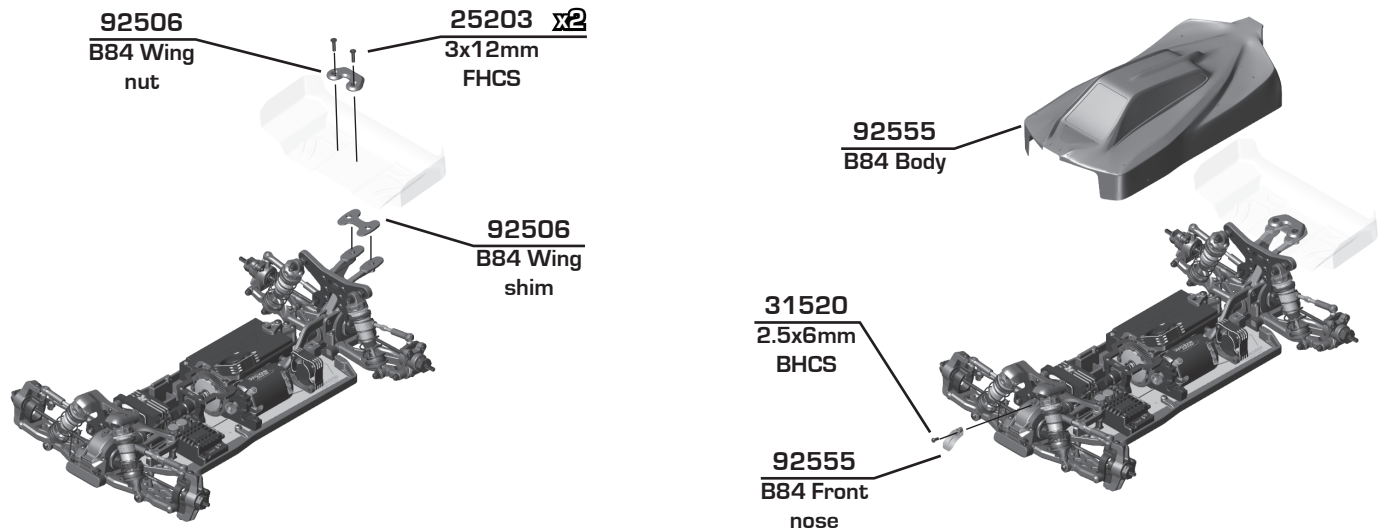
:: Bag 12 - Step 5



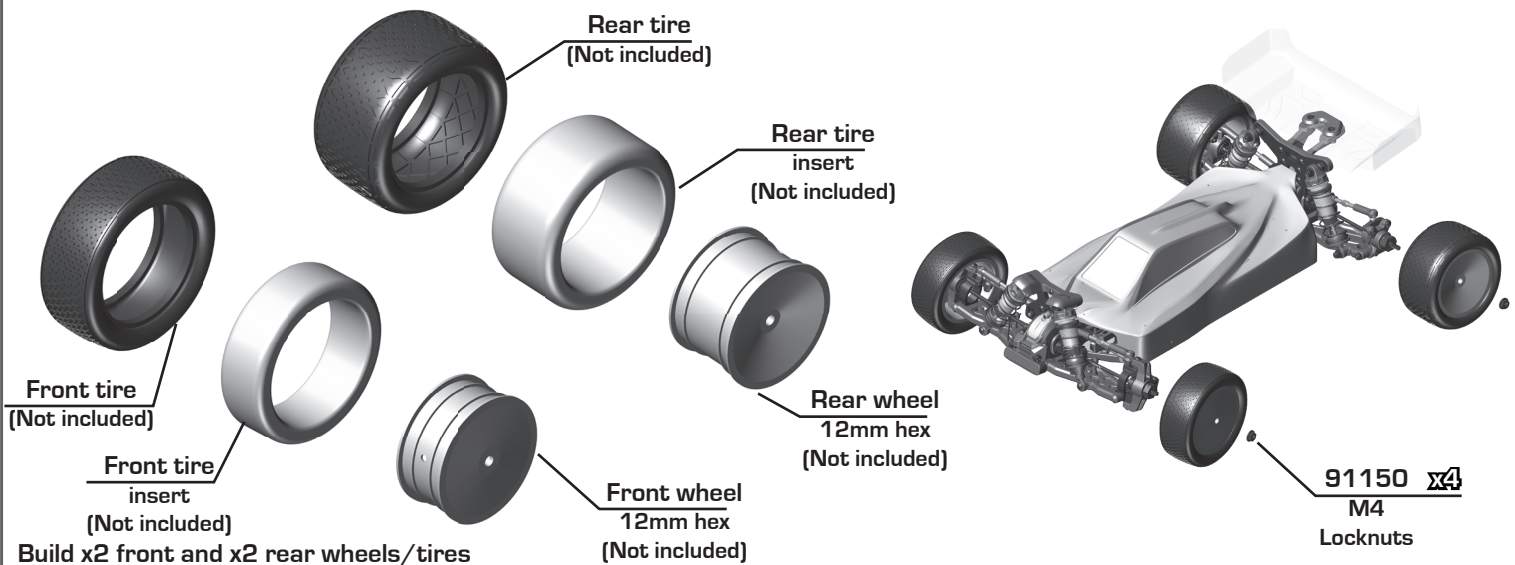
:: Bag 12 - Step 6



:: 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:

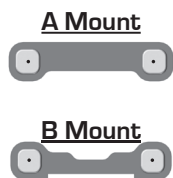
Before making any changes to the standard setup, make sure you can get around the track without crashing. Changes to your vehicle will not be beneficial if you can't stay on the track. Your goal is consistent laps. Once you can get around the track consistently, start tuning your vehicle. Make only ONE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

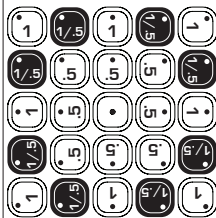
Standard Position

Use this position as a reference when changing pill locations.

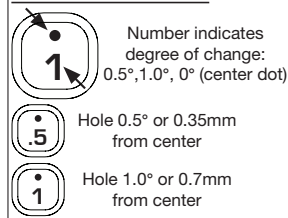
Kick-up: 10°
Roll Center: +0
Pin Width: +0



Possible Insert Locations



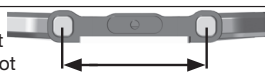
Insert Hole Locations



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

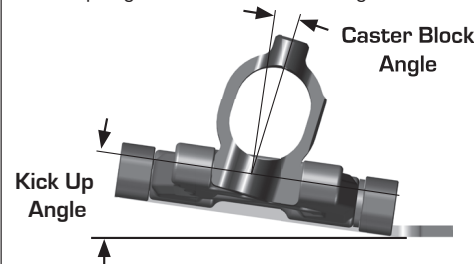
More angle = More kick up
Less angle = Less kick up



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.



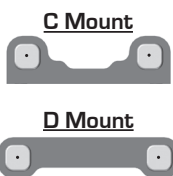
		Kick Up Angle			
		8°	9°	10°	11°
Caster Block Angle	6°	14°	15°	16°	17°
	7°	15°	16°	17°	18°
	8°	16°	17°	18°	19°
	9°	17°	18°	19°	20°
	10°	18°	19°	20°	21°

:: Tuning Tips - Rear Arm Mount Pill Insert Setups

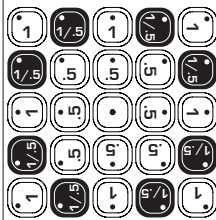
Standard Position

Use this position as a reference when changing pill locations.

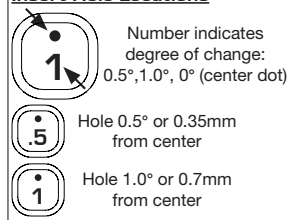
Toe: 3°
Anti-Squat: 2°
Roll Center: +0
Pin Width: +0



Possible Insert Locations



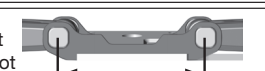
Insert Hole Locations



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

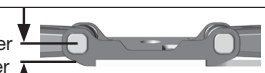
More distance = wider pivot
Less distance = narrower pivot



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

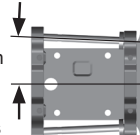
More angle = More anti-squat
Less angle = Less anti-squat



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: **11mm**

Camber: **-1 deg**

Toe: **0 deg**

Anti-Roll Bar: **1.8mm**

Arm Type: **Kit**

Tower Type: **Kit**

Wheelbase Shim: **Arm Middle**

Wheel Hex: **5mm**

Steering Block Type: **B74**

Caster Block: 6° ☐ 7° ☐ 8° ☒ 9° ☐ 10° ☐

Chassis Brace Material: **Kit**

Top Plate Brace Material: **Kit**

Front Axles: CVA ☒ DCV ☐

Notes:

Lower Brace Type: Fixed ☐ Pivot ☒



Ball Stud Spacing: **2mm**

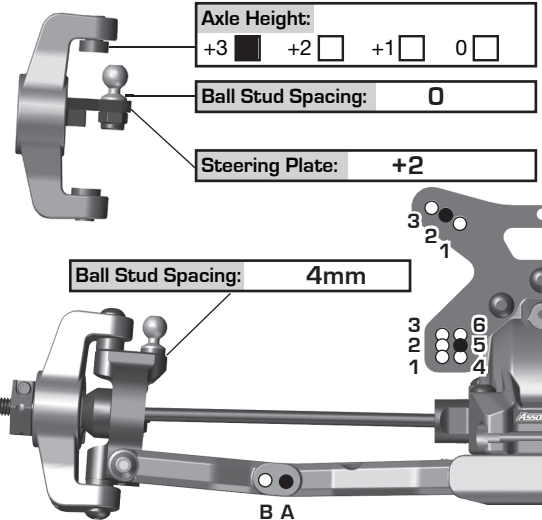
Arm Mount A: 1° ☒ 0.5° ☐
 Gray ☒ Black ☐



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



Diff Height:
 +3 ☐
 +2 ☐
 +1 ☐
 +0 ☒



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: **69mm 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:

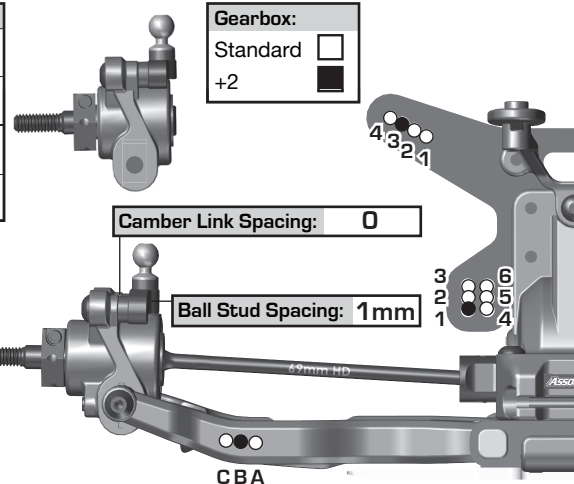
Arm Mount C: 1° ☐ 0.5° ☐
 Gray ☒ Black ☐



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



Diff Height:
 +3 ☐
 +2 ☐
 +1 ☐
 +0 ☒



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:	<u></u>		

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:	<u></u>	

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 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 ☐

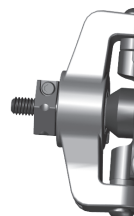


Axle Height:
 +3 ☐ +2 ☐ +1 ☐ 0 ☐

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 ☐

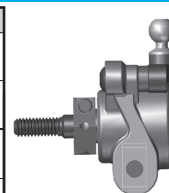


Arm Mount D: 1° ☐ 0.5° ☐
 Gray ☐ Black ☐



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

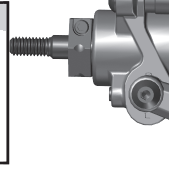
Diff Height:
 +3 ☐
 +2 ☐
 +1 ☐
 +0 ☐



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 ☐ +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 Length: _____
 Total Vehicle Weight: _____
 Notes: _____

Vehicle Comments:

Notes: _____



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