

# RC8Be FACTORY Team



#80904 RC8Be Factory Team Kit

1:8 Scale Electric 4WD Off Road Race Buggy Manual & Catalog 4/10

# TEAM ASSOCIATED



Designed in California, USA



## :: Introduction:

Thank you for purchasing this Team Associated product. This manual contains instructions and tips for building and maintaining your new RC8Be Factory Team, 1/8 scale racing buggy. Please take a moment to read through it and familiarize yourself with these steps as they will help you to understand each component's function and show you some tips for getting the most out of your RC8Be Factory Team build experience.

## :: RC8Be FT Features:

- 16mm Big Bore Threaded Shocks
  - Hard anodized, threaded, bladder cap shocks
  - Heavy duty 4 mm TiN coated stainless steel shafts
- 5 mm 7075 Blue Aluminum Shock Towers
  - RC8B towers allow the driver to stand the shock angle up for a more aggressive suspension.
  - New Front tower camber link bushings allow for easy setup adjustments and vehicle maintenance
  - New camber link positions for more tuning options
- 7075 blue CNC aluminum suspension mounts front and rear
  - Molded bushings allow for easy adjustment of rear toe-in, rear anti-squat, and front kick-up.
- Updated steering geometry for reduced bump-steer
- Updated wing mount with additional clearance for 16mm shocks
- Molded composite Front and Rear chassis braces
- Heavy duty shock bushings for improved durability
- Includes full set of white Factory Team 83mm "big" wheels
- Blue Aluminum 1-Piece top plate
- Race proven/winning setup
- Light-weight 3mm Hard Anodized chassis
- New pin style shock mounting on arms for improved durability
- Improved Steering knuckles for durability
- Updated suspension rod ends and upper arms for improved durability
- Now uses RC8T style droop screws easily adjustable from top or botto
- Blue Aluminum hexes and nylock locking wheel nuts

## :: Optional Components

Optional components and accessories to help you get the most out of your RC8Be FT kit.

- Silicone shock fluid for tuning
- Silicone diff fluid for tuning
- Ride height gauge (#1449 recommended)
- FT Hex Driver Set (AE Part #1541)
- FT Nut Driver Set (AE Part #1561)
- FT Body Scissors (AE Part#1737)

## :: Additional:

Your RC8Be FT kit comes with the latest components used by our factory race team to win races. However there are some things that are necessary to complete the build.

- 2 channel radio/transmitter set with switch – FM/PCM/2.4GHz recommended
- Transmitter batteries
- 1/8 Scale Specific Speed Control and Motor. • Plug Extension (depending on ESC)
- High Torque Steering Servo (AE Part # 29167)
- FT Tire Glue (AE Part #1597) • Thread Lock Compound (AE Part#1596)
- Polycarbonate specific spray paint or paint and airbrush
- Wire Cutters • Needle nose pliers • Hobby knife • Reamer/hole punch

## :: RC8Be Platform Features:

- 4.30:1 ratio gearboxes
  - 43T diff ring and 10T pinion for increased punch and durability over conventional buggy ratio gearboxes
- 2 piece Center diff housing split vertically for easy diff removal and maintenance
- Caster blocks adjust 14, 16, or 18 degrees with molded inserts
- 3.5mm light CVA drivetrain
  - Front and rear hubs use large 15 mm x 24 mm bearing on the inside
  - 14 other 8mm x 16 mm rubber sealed bearings
  - Rear molded CVA boots to keep dirt and mud out of rear joints
- Alloy steel turnbuckles.
- 10mm thick arms.
- Molded suspension pivot bushings for adjustable pivot height. • RC8e body with air scoops (#89523).
- Rigid one-piece motor mount utilizes standard motor screw mounting pattern.
- Large speed control mounting area raised off of chassis to allow for easy screw mounting of common speed controllers.
- Speed control mounting area includes convenient switch-mounting boss.
- Utilizes 3 hook-and-loop straps to secure LiPo batteries into battery tray.
- Molded battery tray supports 7.4-14.8V battery packs with room for foam pads.
- Accepts two ROAR-approved 1:10 scale size 7.4V LiPo battery packs: (#703 Reedy LiPo 5000 mAh 7.4V 20C (2), #704 Reedy LiPo 5000 mAh 7.4V 20C w/connector (2), #709 Reedy LiPo 5000 mAh 7.4V 35C w/connector (2)).
- New sealed receiver box for proper electronics placement.
- Receiver, servo, and battery tray remove from vehicle in one piece for easy maintenance and cleaning.
- Convenient wire routing keeps critical electronic wires out of drivetrain components and simplifies disassembly.
- Includes pinion gear (15T) and molded spur gear (46T).
- Motor, ESC, transmitter, and batteries are not included.



\* These symbols indicate a special note or instructions.

**Alert! The Differentials and Shocks are pre-assembled. They need to be filled with fluid before use!**

**There is a 1:1 fold out in the back of the manual. Fold it out while building your kit for easy part sizing!**

Associated Electrics, Inc.  
26021 Commercentre Dr.  
Lake Forest, CA 92630

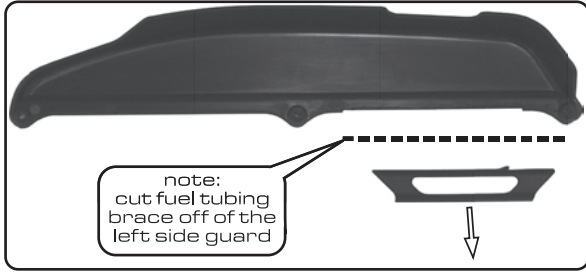


Customer Service  
Tel: 949.544.7500  
Fax: 949.544.7501

<http://www.TeamAssociated.com> • <http://www.RC10.com> • [http://twitter.com/Team\\_Associated](http://twitter.com/Team_Associated) • <http://bit.ly/AEonFacebook>

**:: Chassis Build**

**BAG A**



89001  
side guards

25201 x6  
3x8mm  
fhrs

89000  
FT chassis

**:: Chassis Build (cont.)**

89013 x2  
steering posts

threadlock #1596

89214 x2  
4x12mm  
fhrs

threadlock #1596

**:: Steering Build**

**BAG B**

89016  
servo saver bolt

89015  
servo saver arm

black grease #6588

89015  
servo saver bellcrank

89117 x2  
diff shim

89016  
servo saver spring

89016  
servo saver retainer

gap setting 8mm

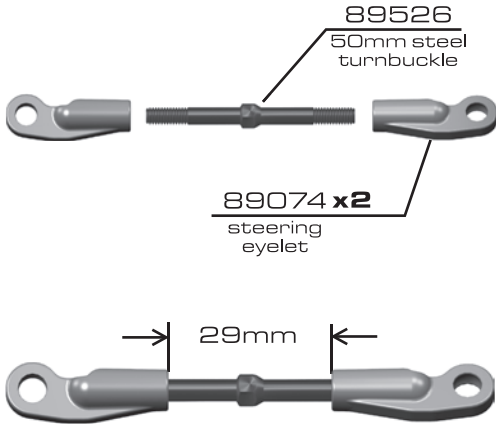
threadlock #1596

89161 x4  
5x8mm  
bearing

89014 x2  
steering rack post

89015  
servo saver arm

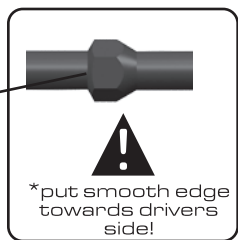
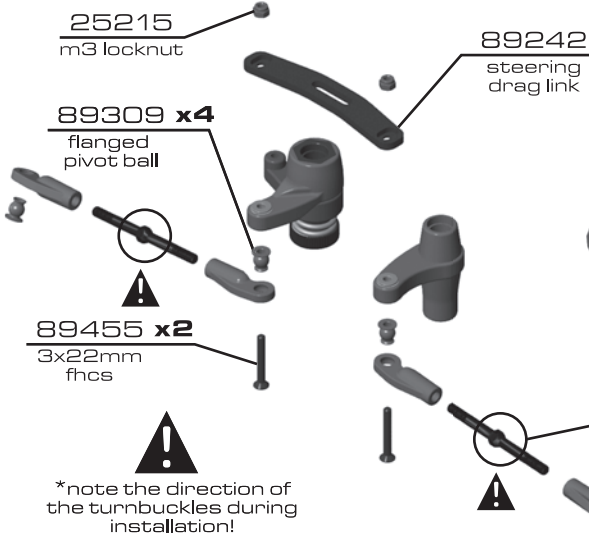
**:: Steering Build (cont.)**



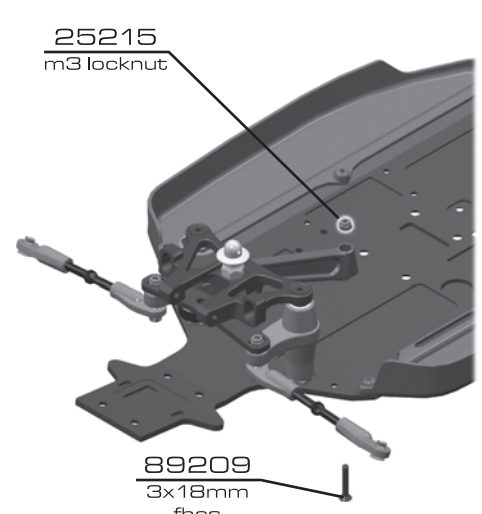
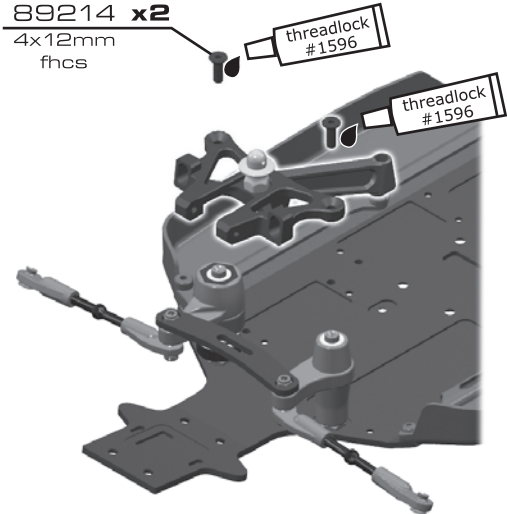
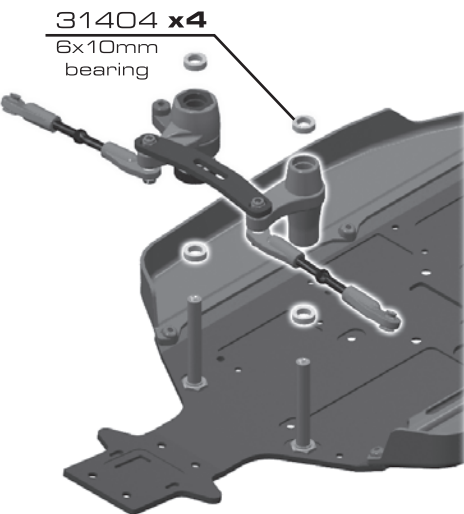
**▲ Passengers side**



**:: Steering Build (cont.)**



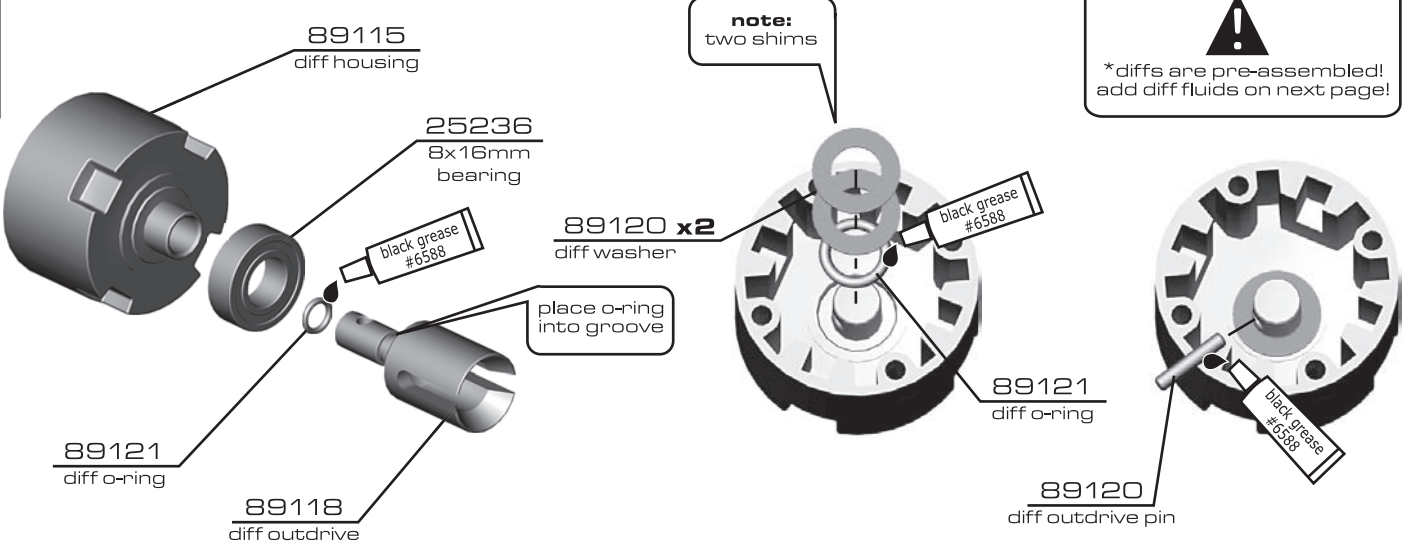
**:: Steering Build (cont.)**



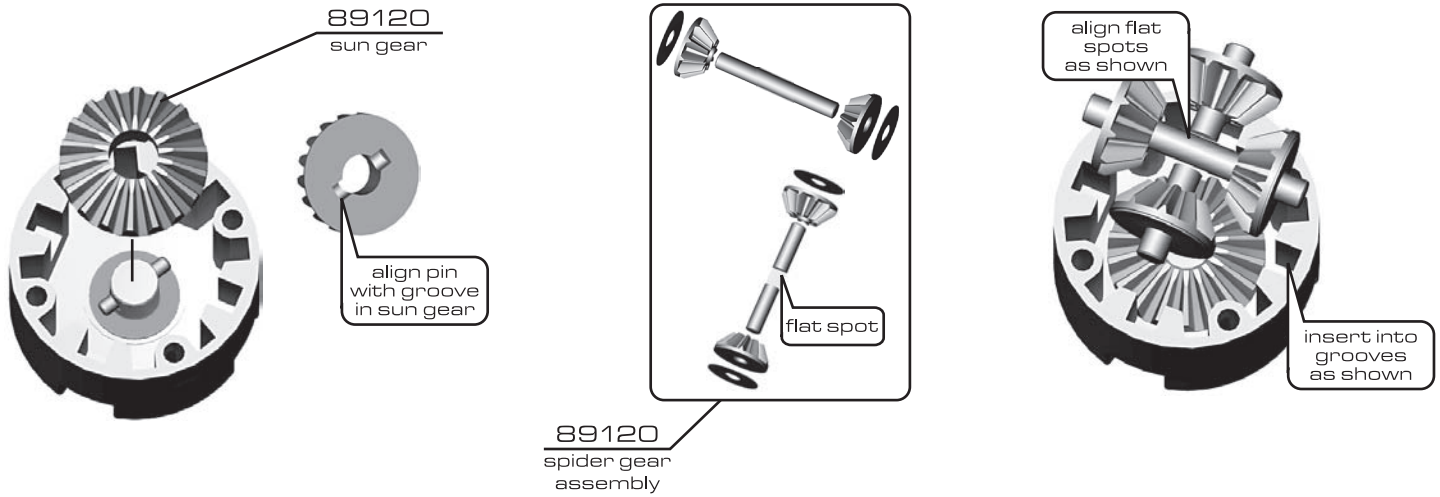


**:: Front and Rear Differentials**

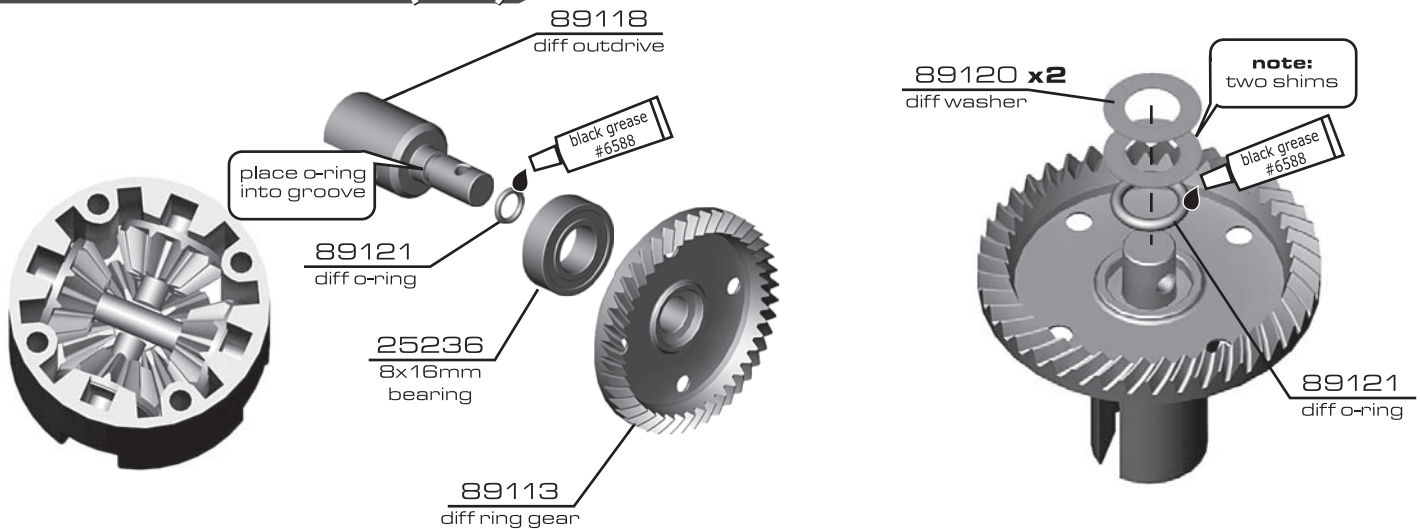
**BAG C**



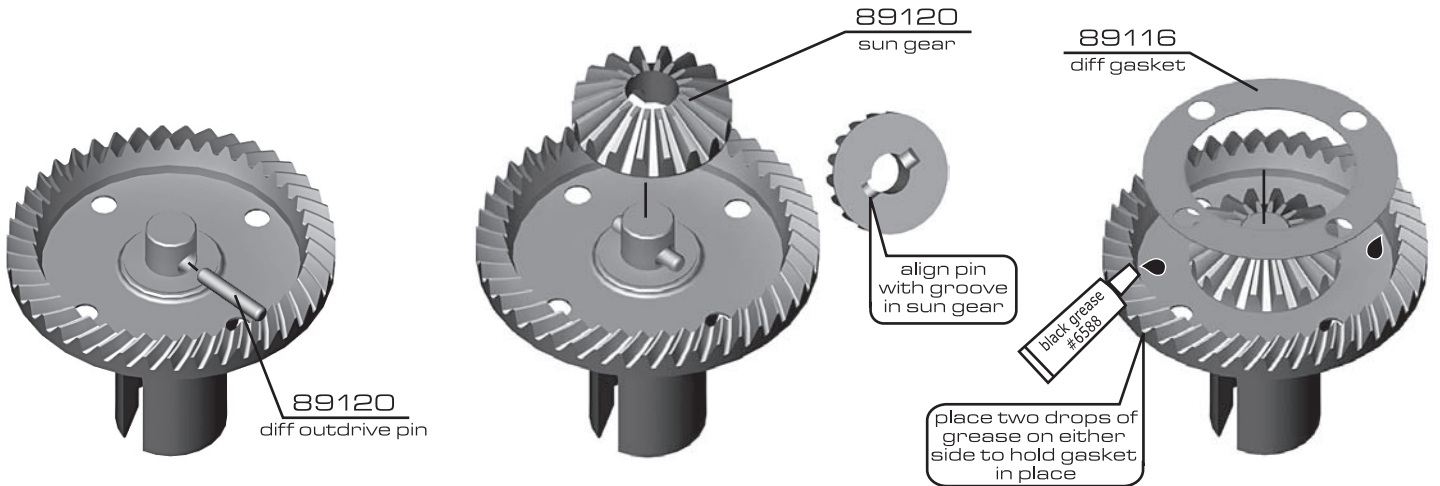
**:: Front and Rear Differentials (cont.)**



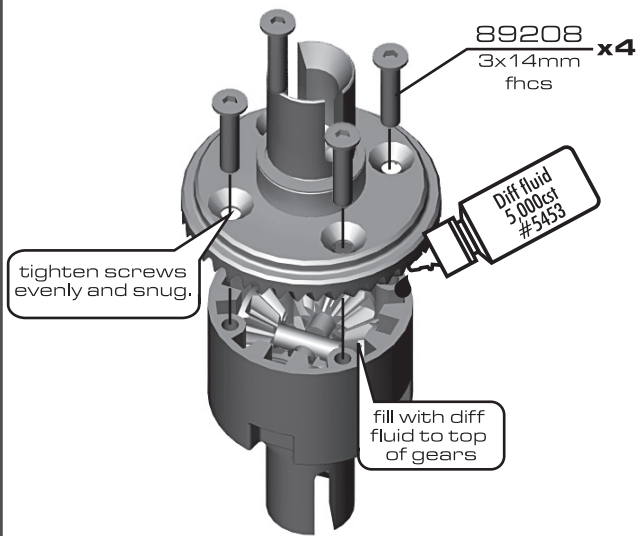
**:: Front and Rear Differentials (cont.)**



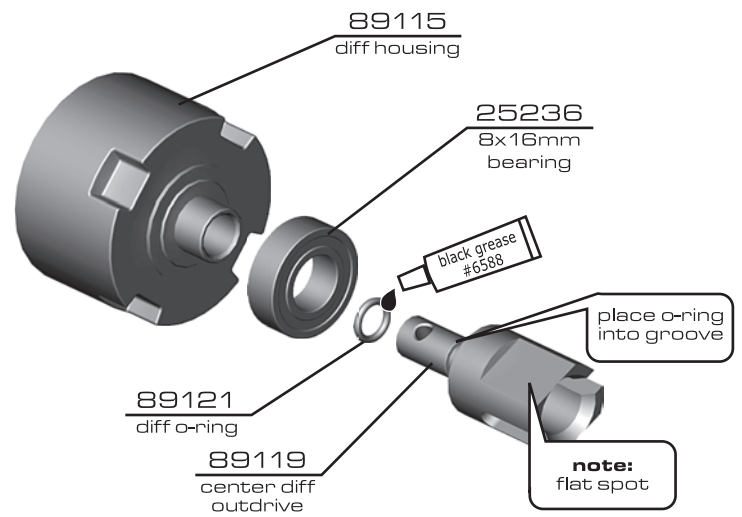
**:: Front and Rear Differentials (cont.)**



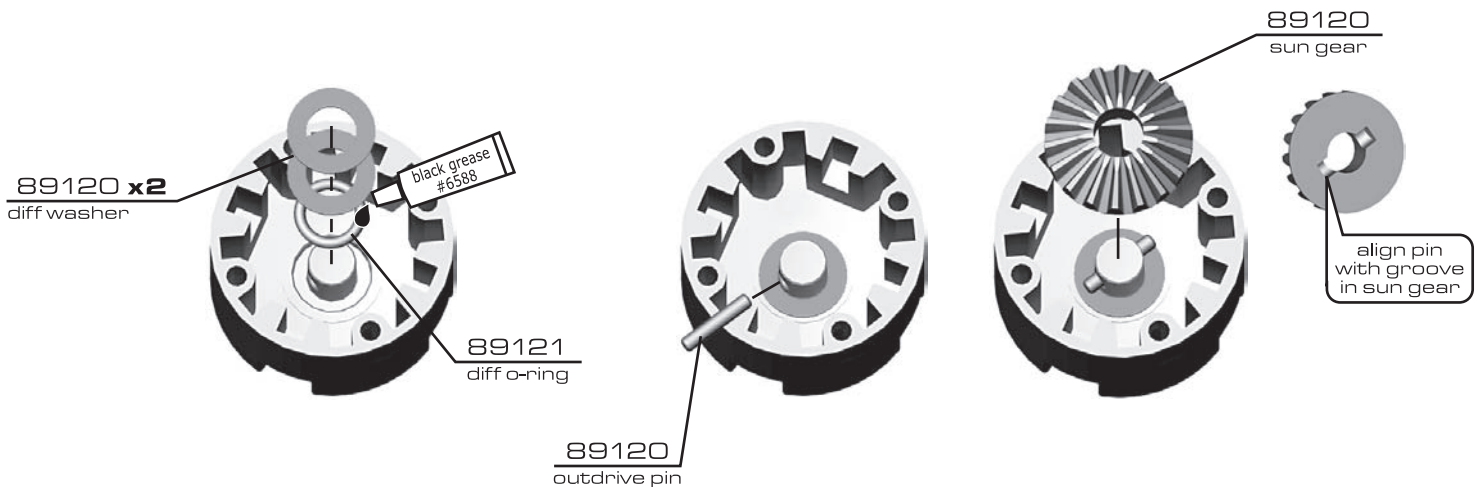
**:: Front and Rear Differentials (cont.)**



**:: Center Differential**



**:: Center Differential (cont.)**

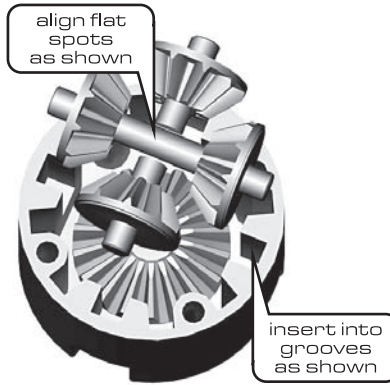




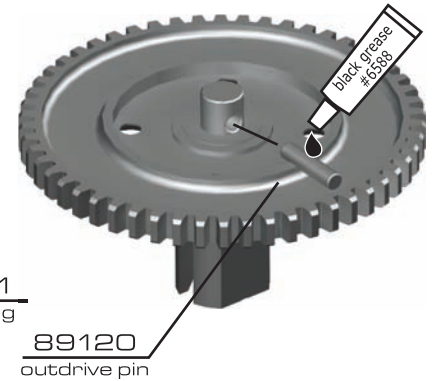
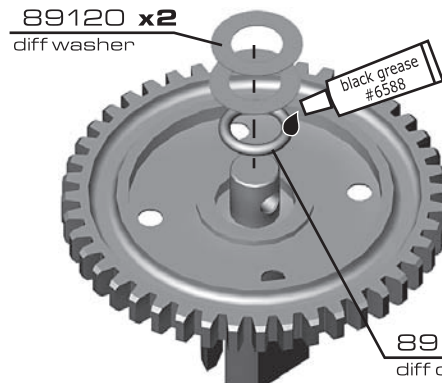
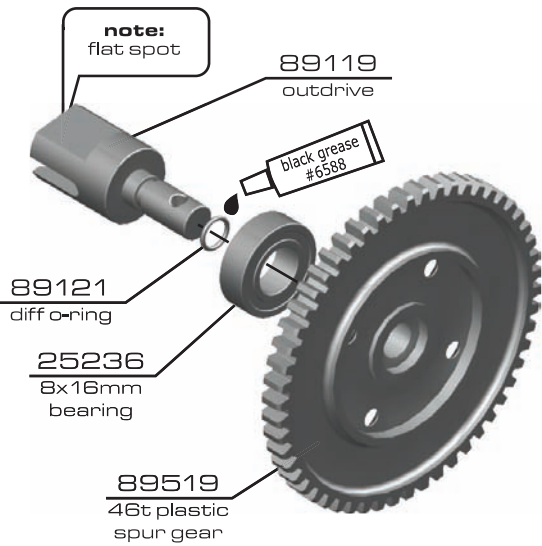
**:: Center Differential (cont.)**



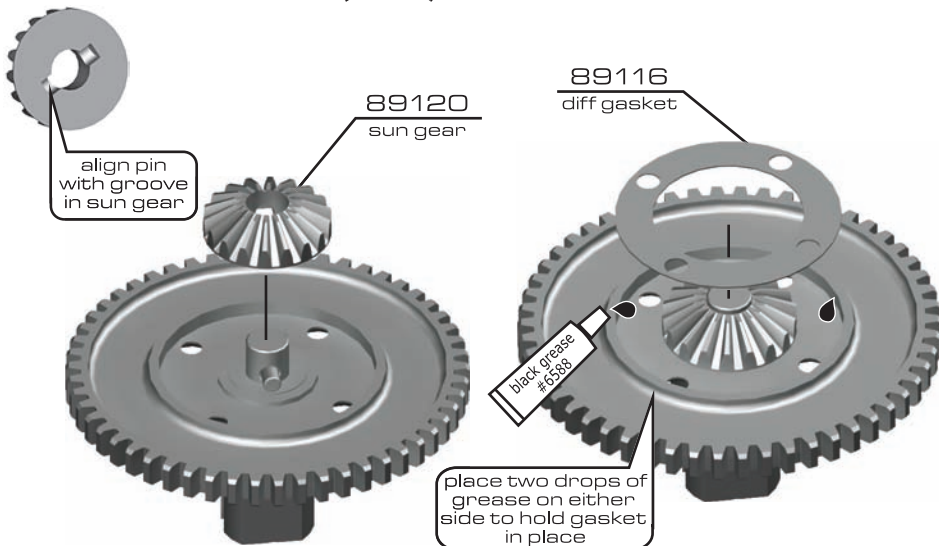
89120 spider gear assembly



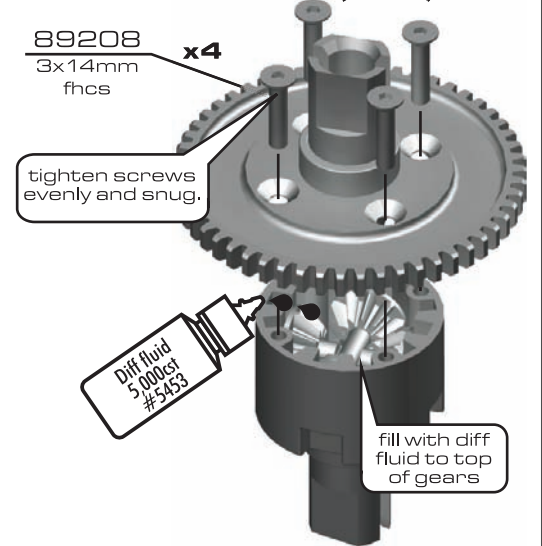
**:: Center Differential (cont.)**



**:: Center Differential (cont.)**

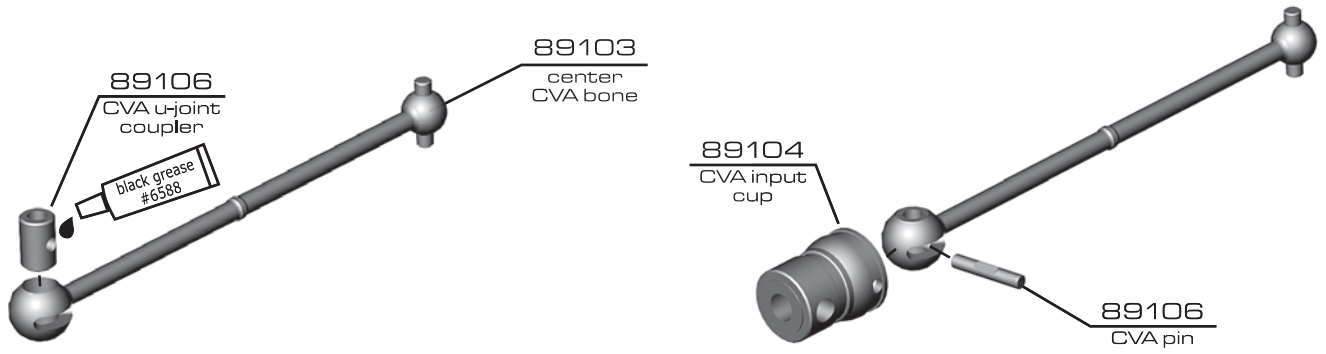


**:: Center Differential (cont.)**

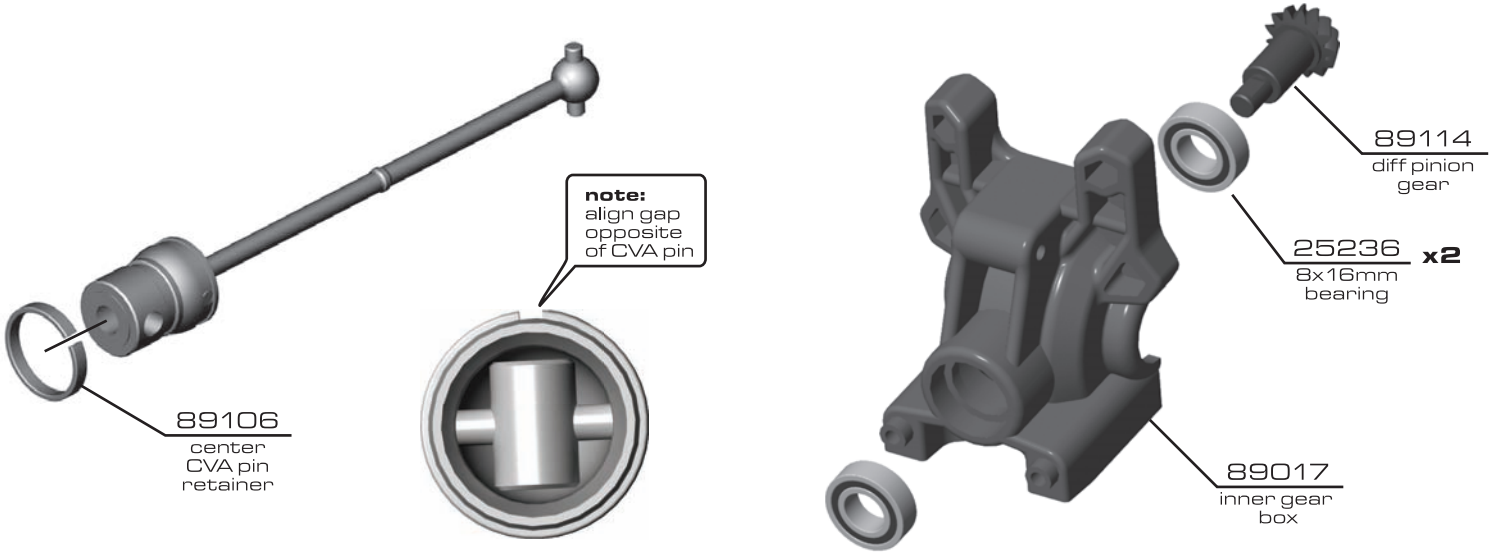


**:: Front Bulkhead Build**

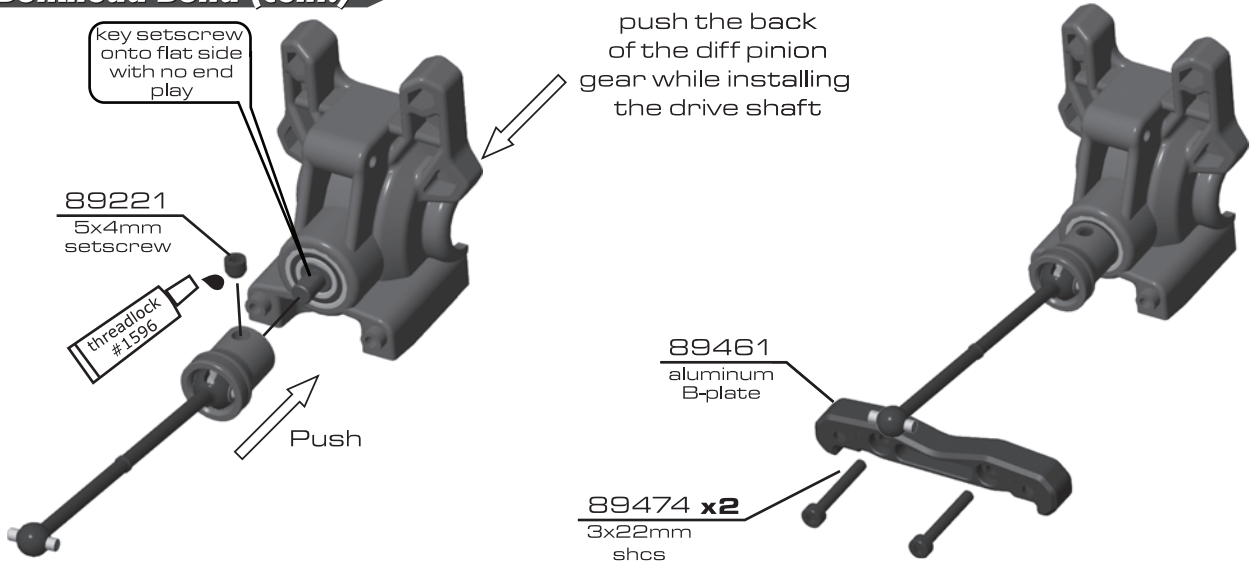
**BAG D**



**:: Front Bulkhead Build (cont.)**

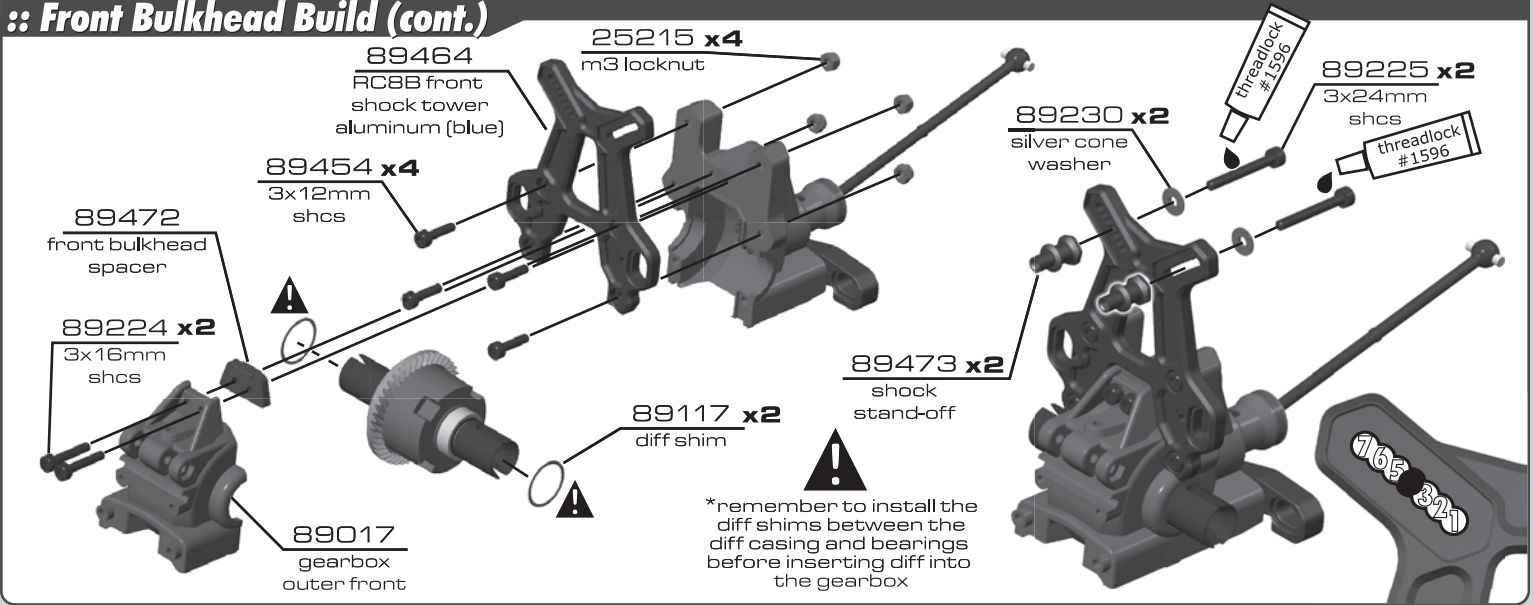


**:: Front Bulkhead Build (cont.)**



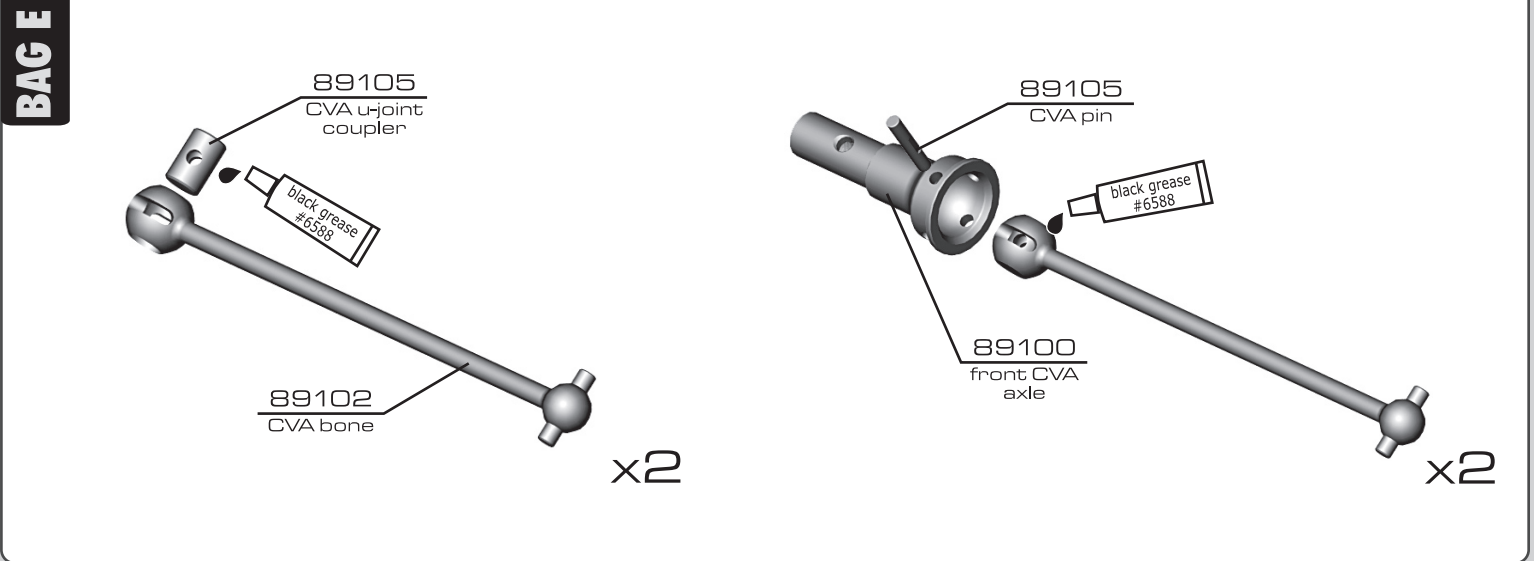


**:: Front Bulkhead Build (cont.)**

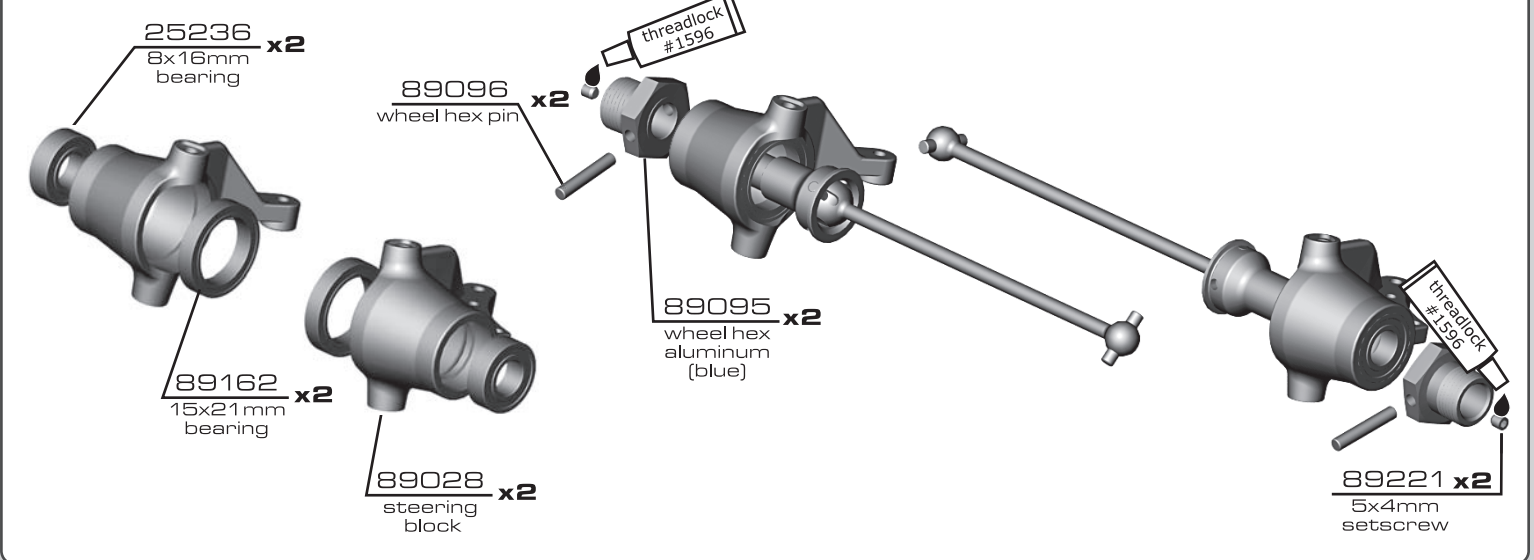


**:: Front Suspension**

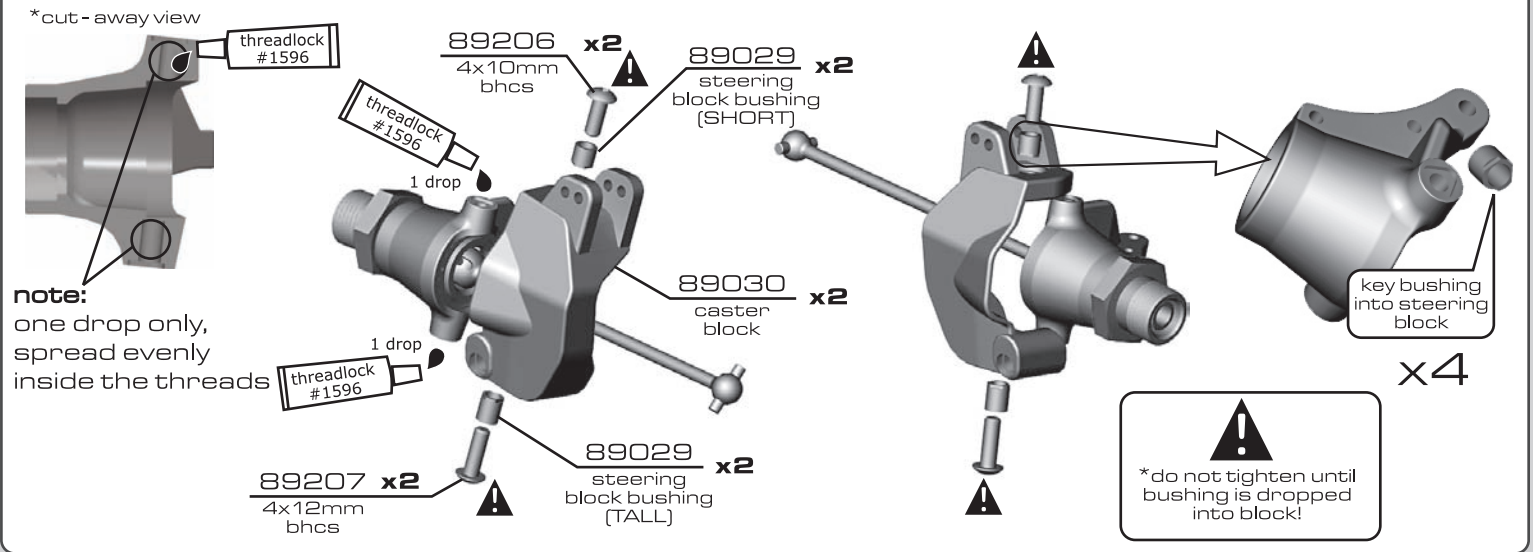
**BAG E**



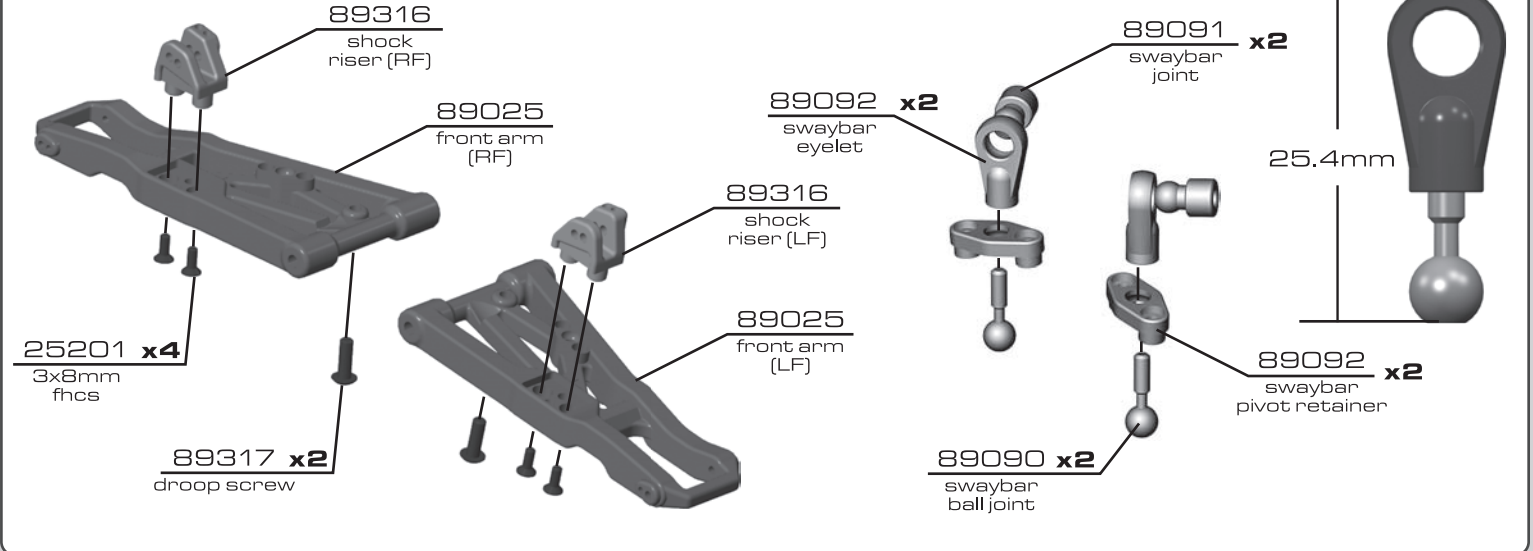
**:: Front Suspension (cont.)**



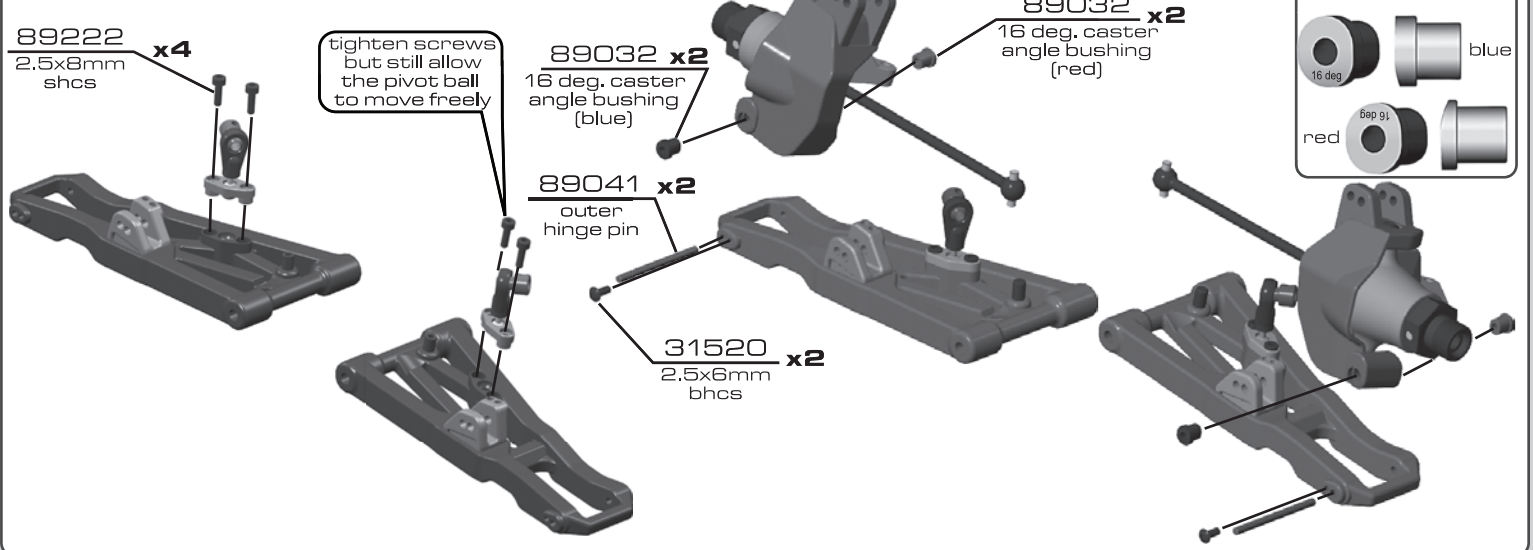
**:: Front Suspension (cont.)**



**:: Front Suspension (cont.)**



**:: Front Suspension (cont.)**





**:: Front Suspension (cont.)**

**89076 x2**  
ball joint

**25215 x2**  
m3 locknut

**89225 x2**  
3x24mm shcs

**89230 x4**  
silver cone washer

**89076**  
suspension eyelet

**89025**  
upper arm (R)

**89025**  
upper arm (L)

**89269 x2**  
38mm turnbuckle

\*note the direction of the turnbuckles during installation!

\*put smooth edge towards drivers side!

6mm

side view

**:: Front Suspension (cont.)**

hinge pin bushings  
2 dot up

**89460**  
aluminum A plate

**89230 x2**  
silver cone washer

**89279 x2**  
3x45mm shcs

**89466 x2**  
inner hinge pin

**89039 x2**  
hinge pin bushing (two dot)

**89039 x2**  
hinge pin bushing (one dot)

hinge pin bushings  
1 dot

**:: Front Suspension (cont.)**

**89219 x2**  
3x5mm setscrew

**31531 x2**  
3x6mm bhcs

**89017**  
swaybar mount

**89088**  
swaybar (silver)

**threadlock #1596**

**25225 x2**  
3x3mm setscrew

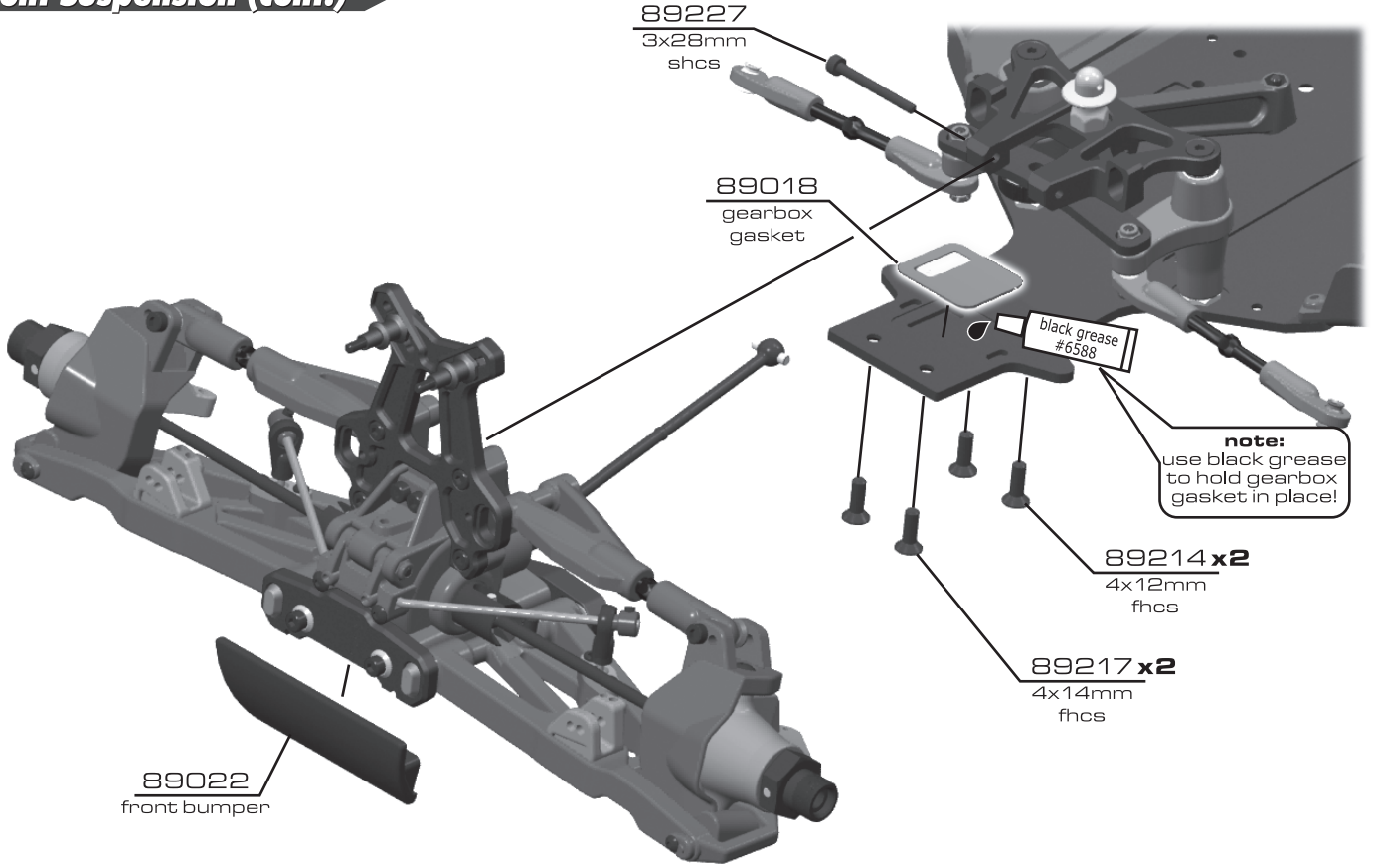
**threadlock #1596**

**89226**  
3x26mm shcs

**25215**  
m3 locknut

\*tighten setscrews to remove slop, but allow free movement of bar!

**:: Front Suspension (cont.)**



**:: Front Suspension (cont.)**

hinge pin bushings



1  
dot

89040 x2  
upper inner  
hinge pin

89039 x2  
hinge pin  
bushing  
(one dot)

89218 x2  
3x8mm  
washer

threadlock  
#1596

31531 x2  
3x6mm  
bhcs

threadlock  
#1596

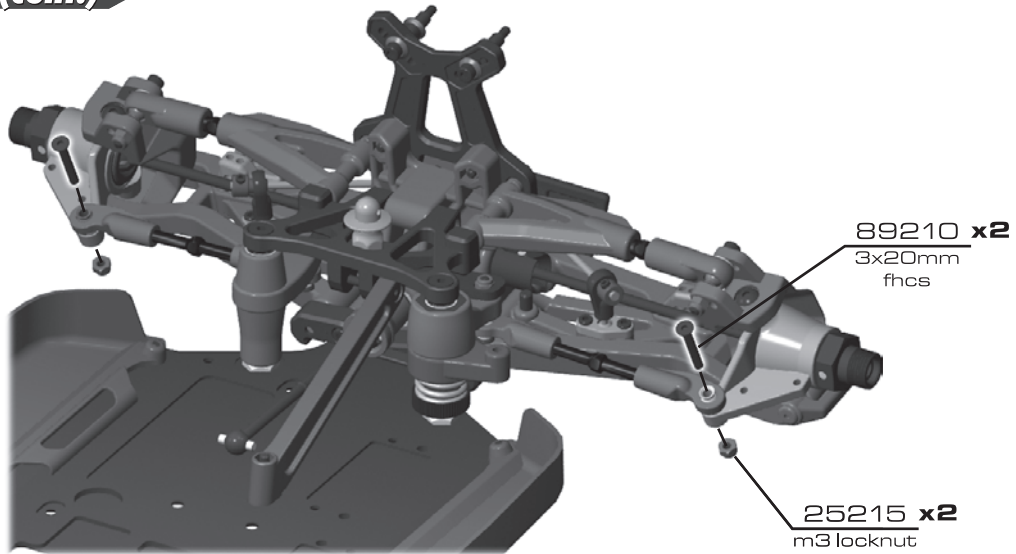
89470 x2  
shock tower  
hinge pin  
bushings  
(two dot up)

shock tower hinge  
pin bushings



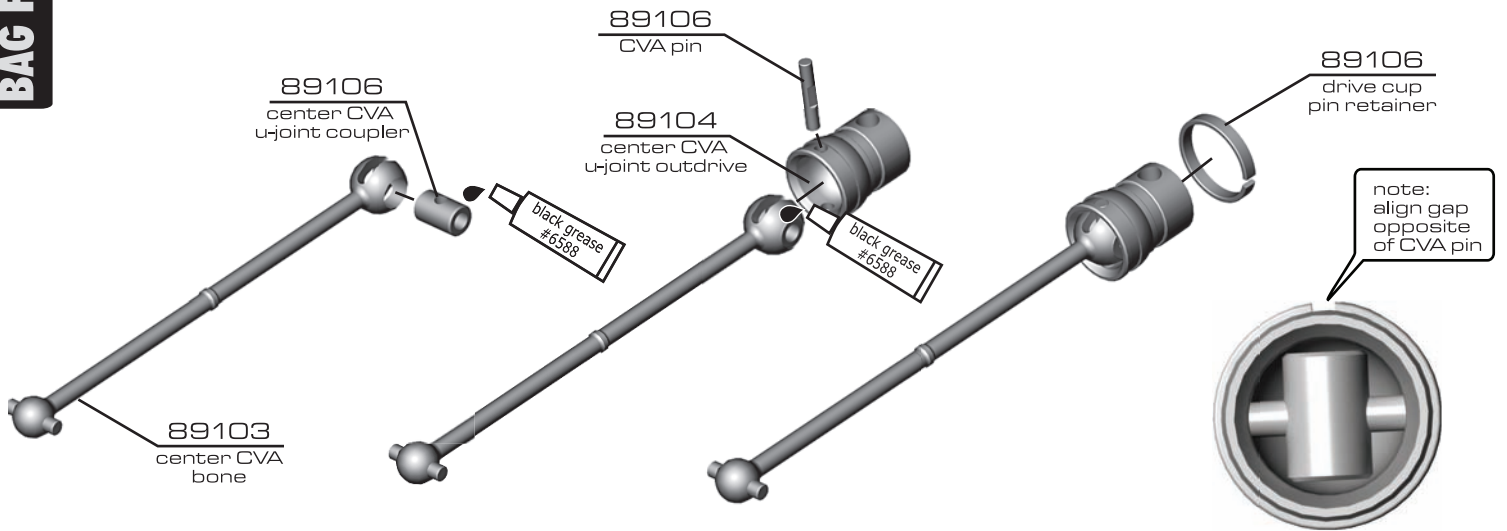
2  
dot up

**:: Front Suspension (cont.)**

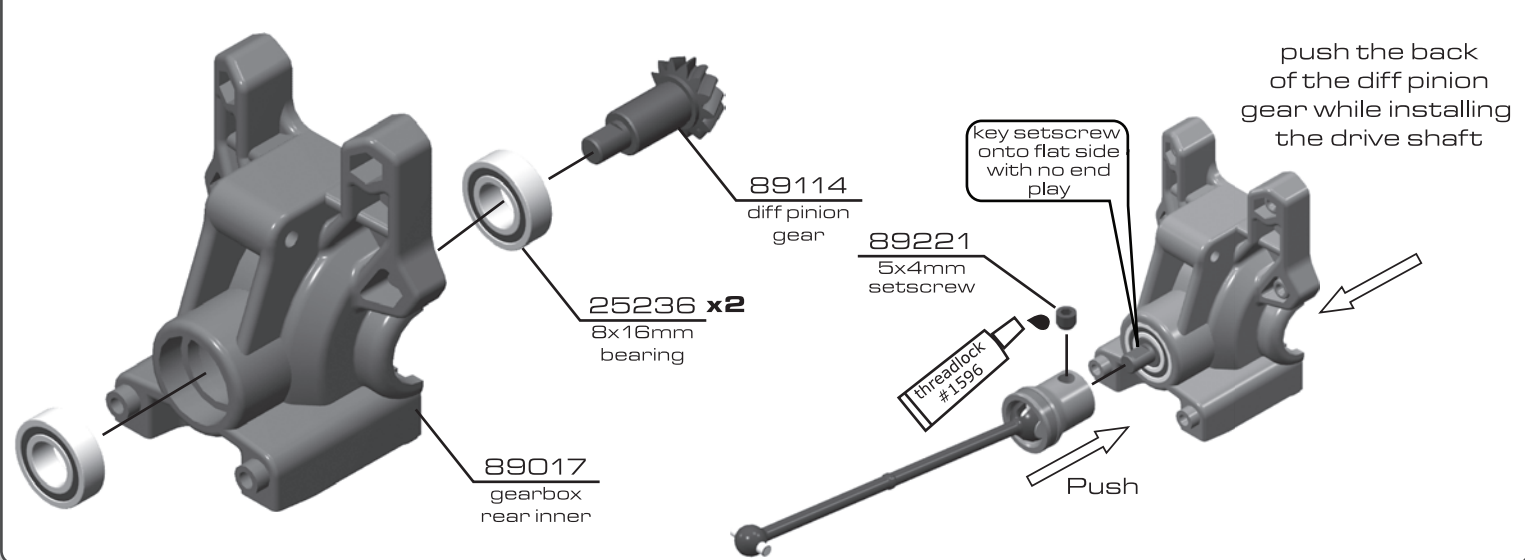


**:: Rear Bulkhead Build**

**BAG F**

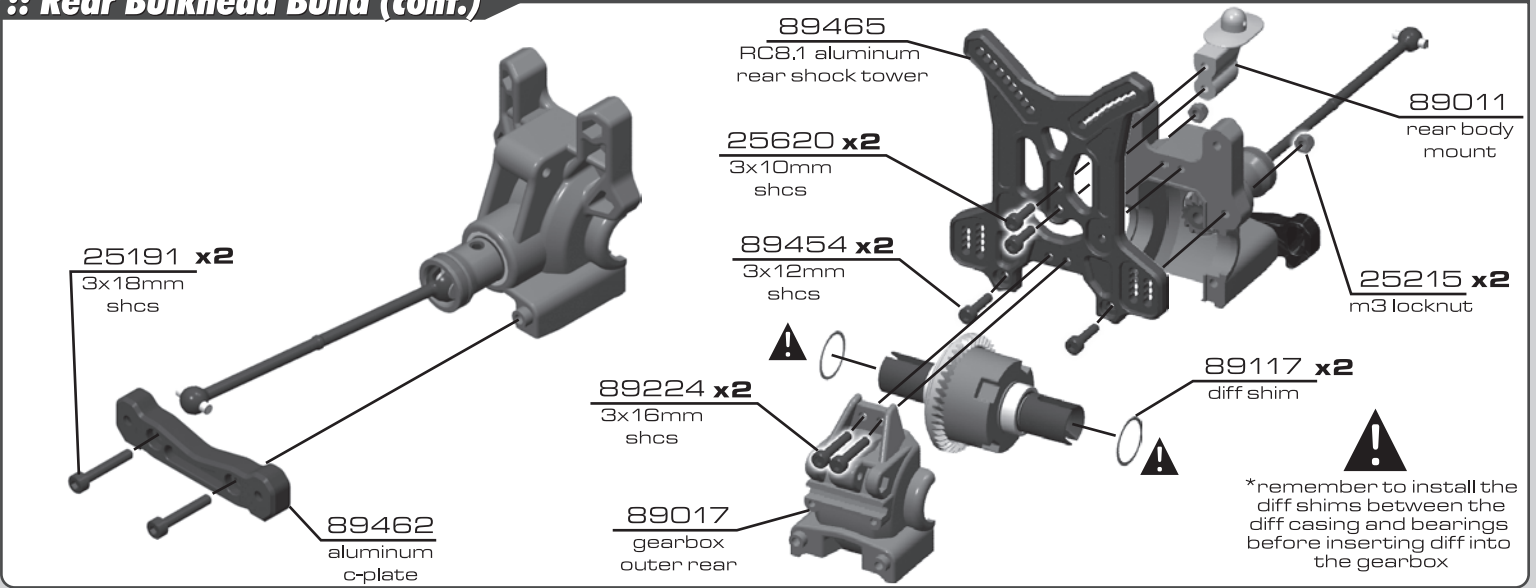


**:: Rear Bulkhead Build (cont.)**

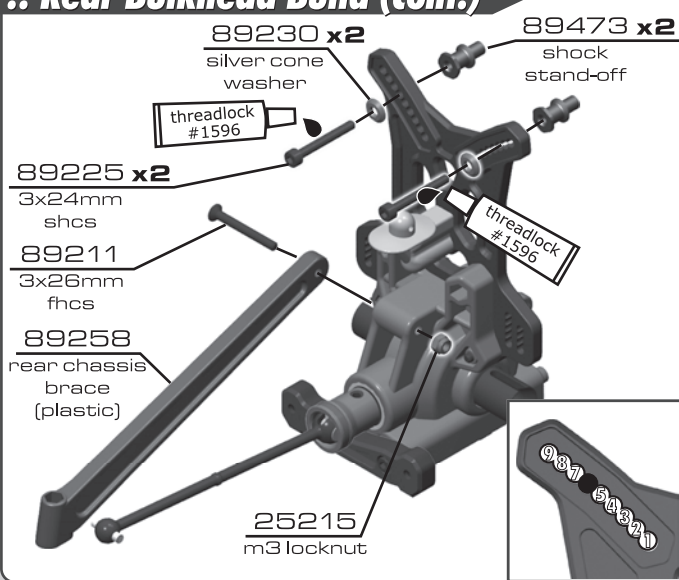




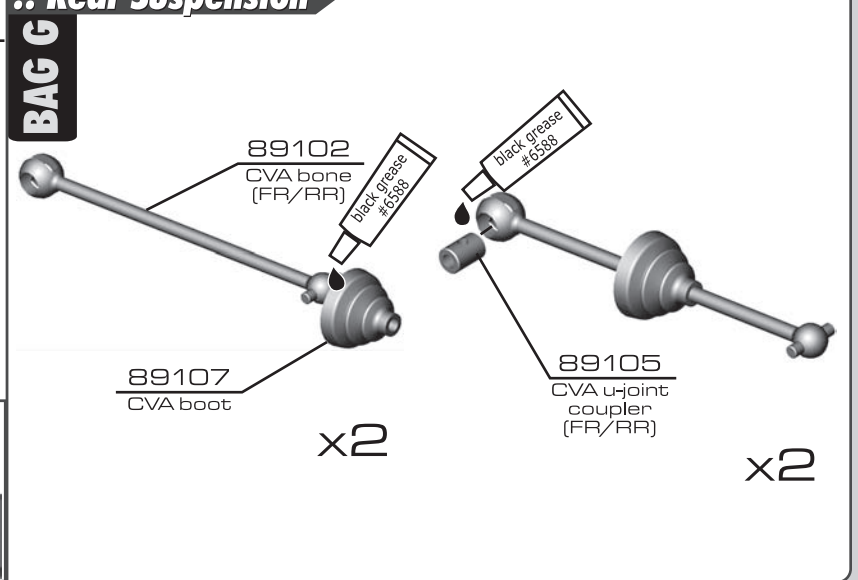
**:: Rear Bulkhead Build (cont.)**



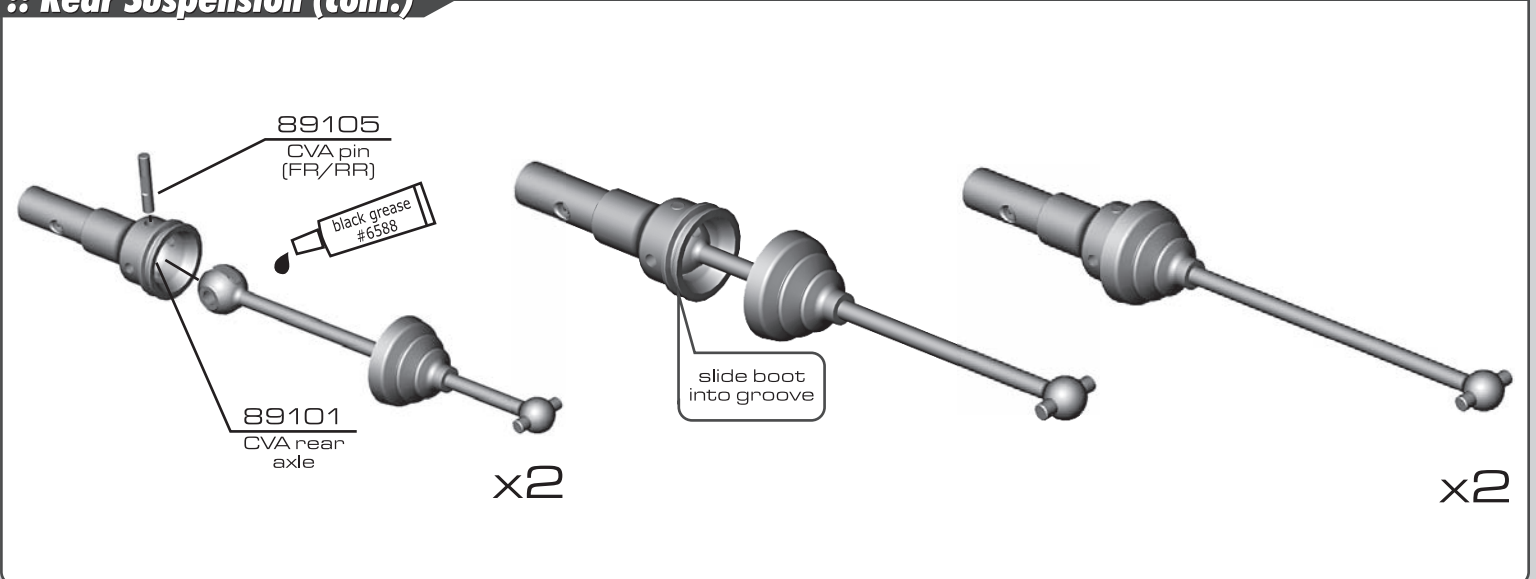
**:: Rear Bulkhead Build (cont.)**



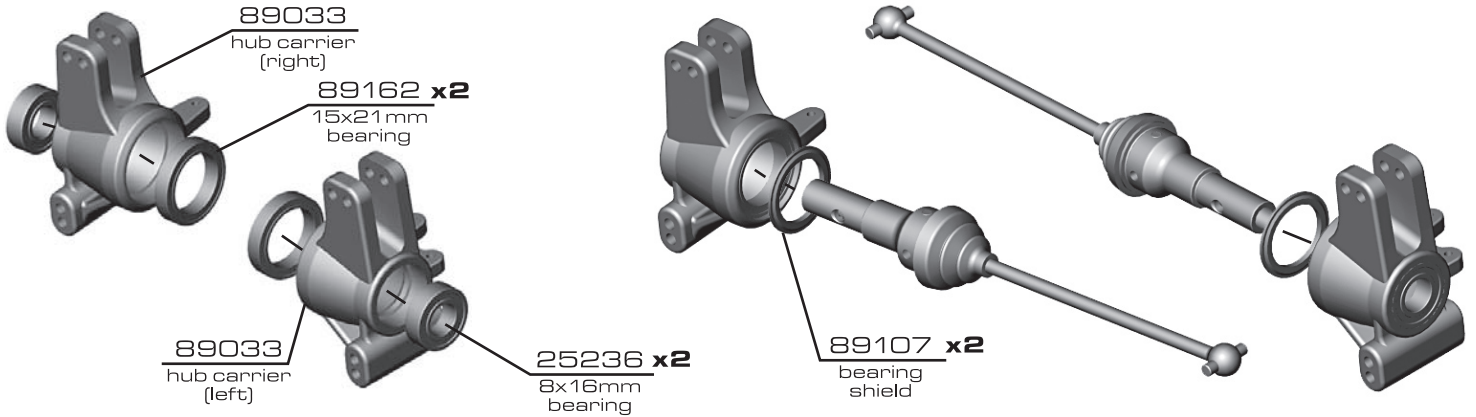
**:: Rear Suspension**



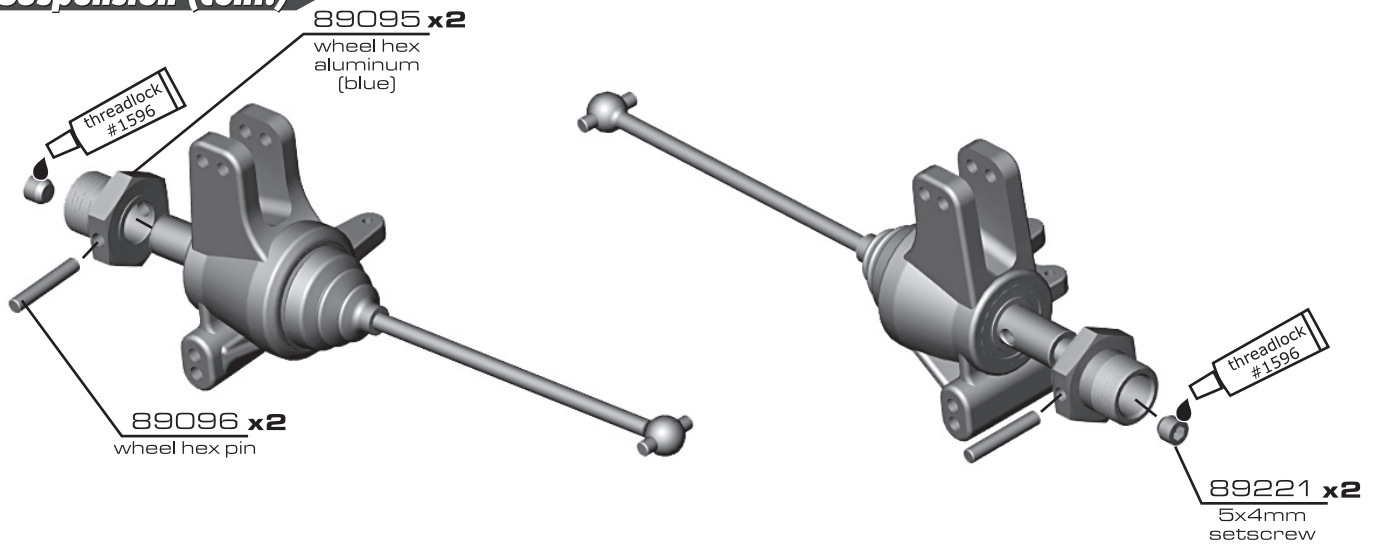
**:: Rear Suspension (cont.)**



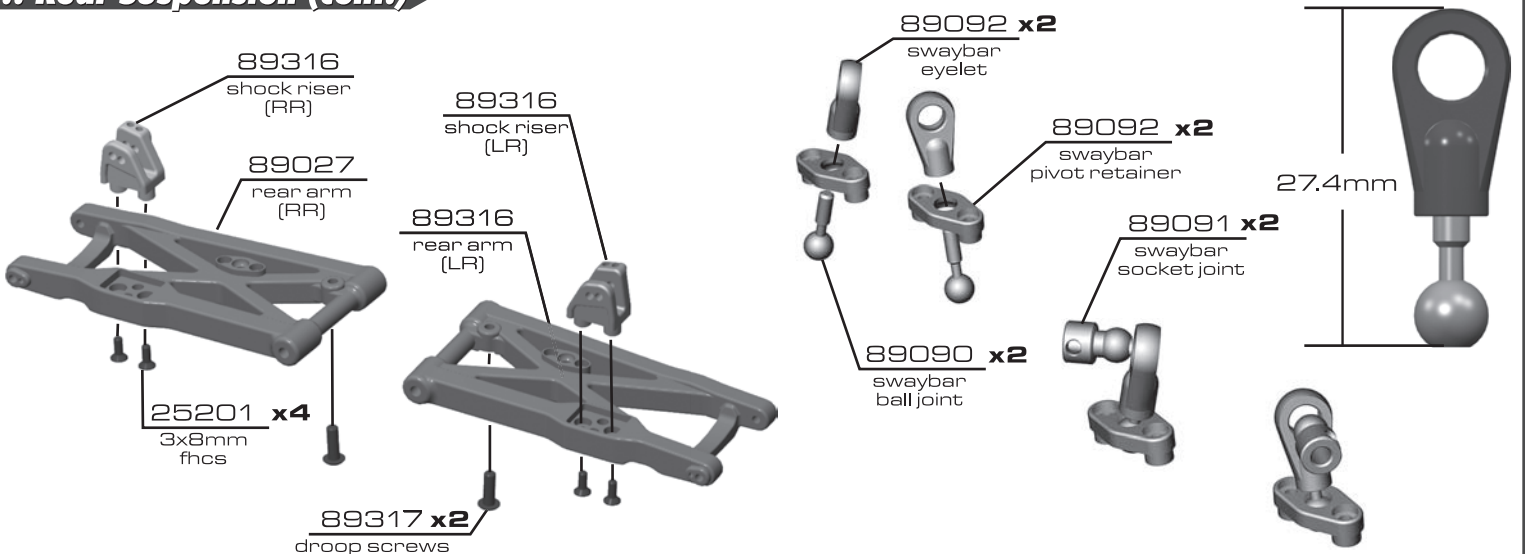
**:: Rear Suspension (cont.)**



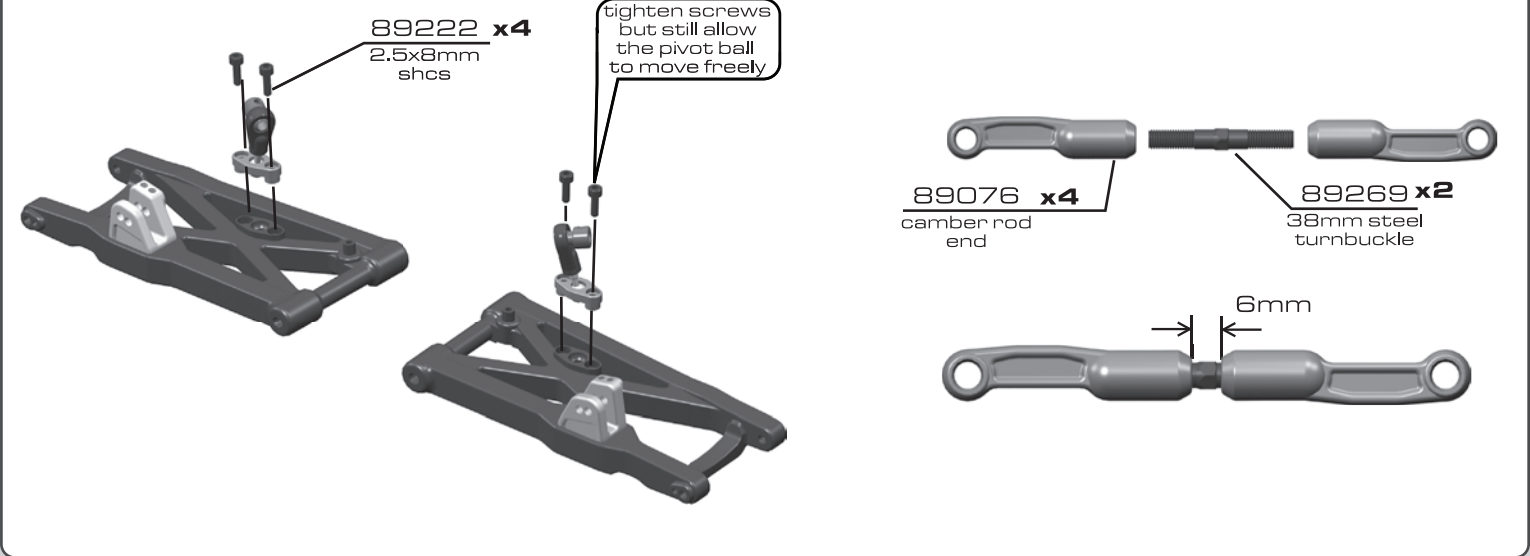
**:: Rear Suspension (cont.)**



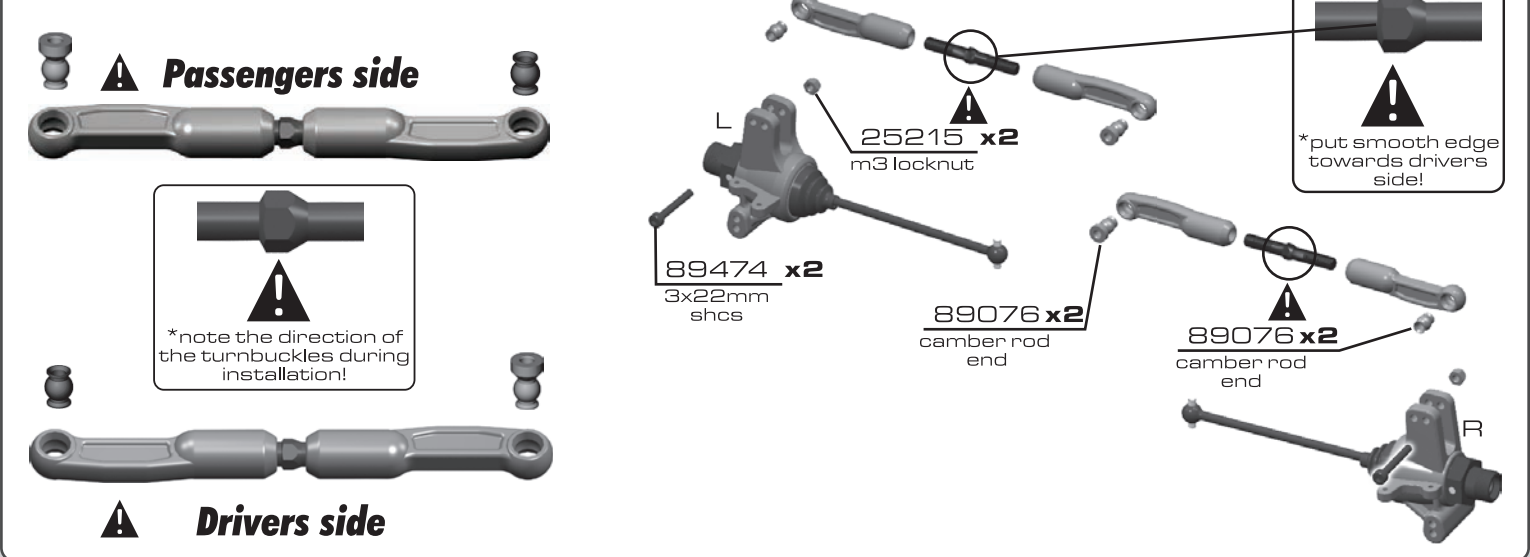
**:: Rear Suspension (cont.)**



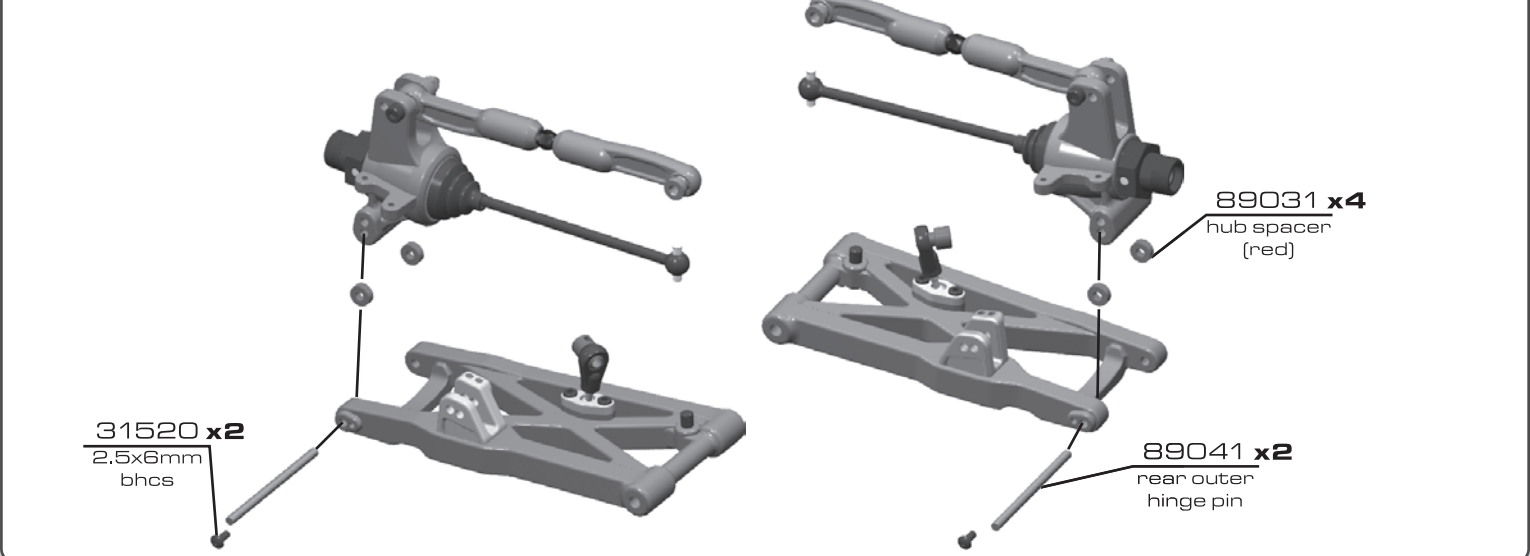
**:: Rear Suspension (cont.)**



**:: Rear Suspension (cont.)**

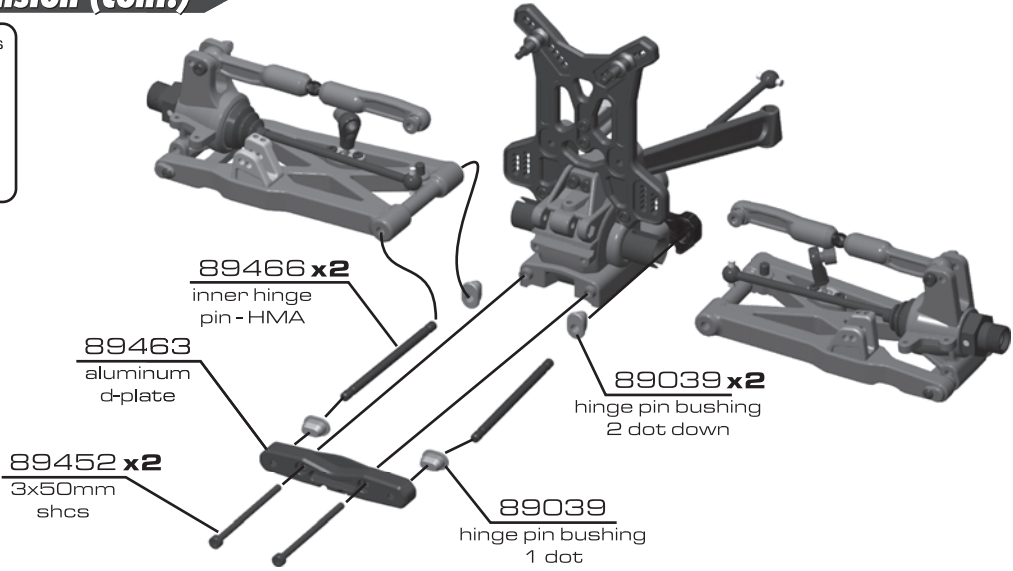
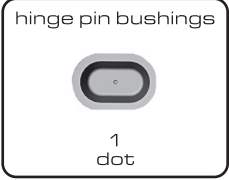
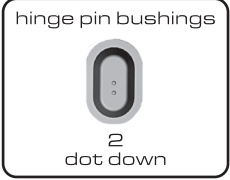


**:: Rear Suspension (cont.)**

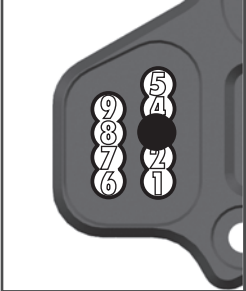
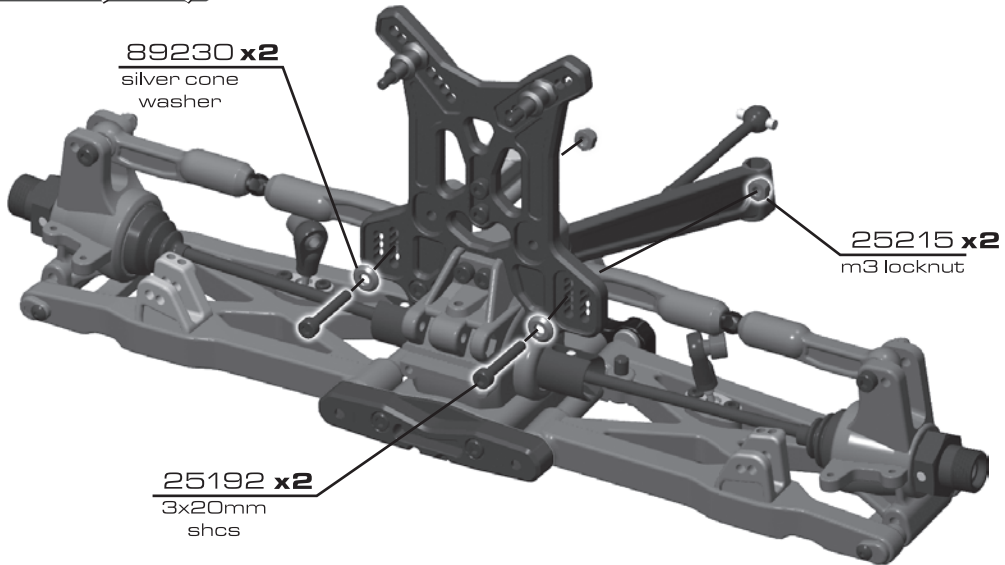




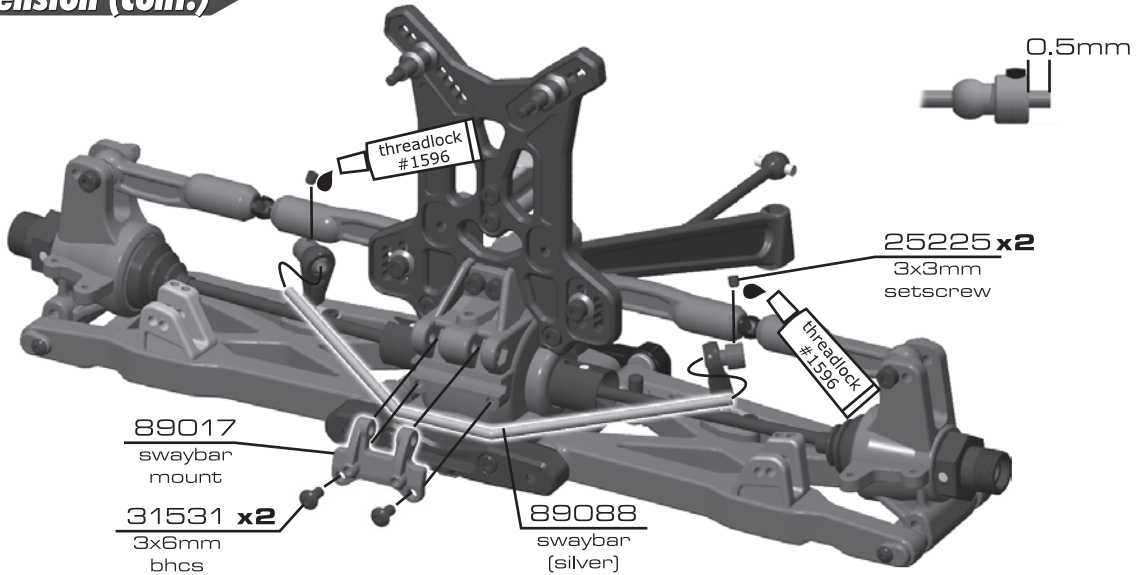
**:: Rear Suspension (cont.)**



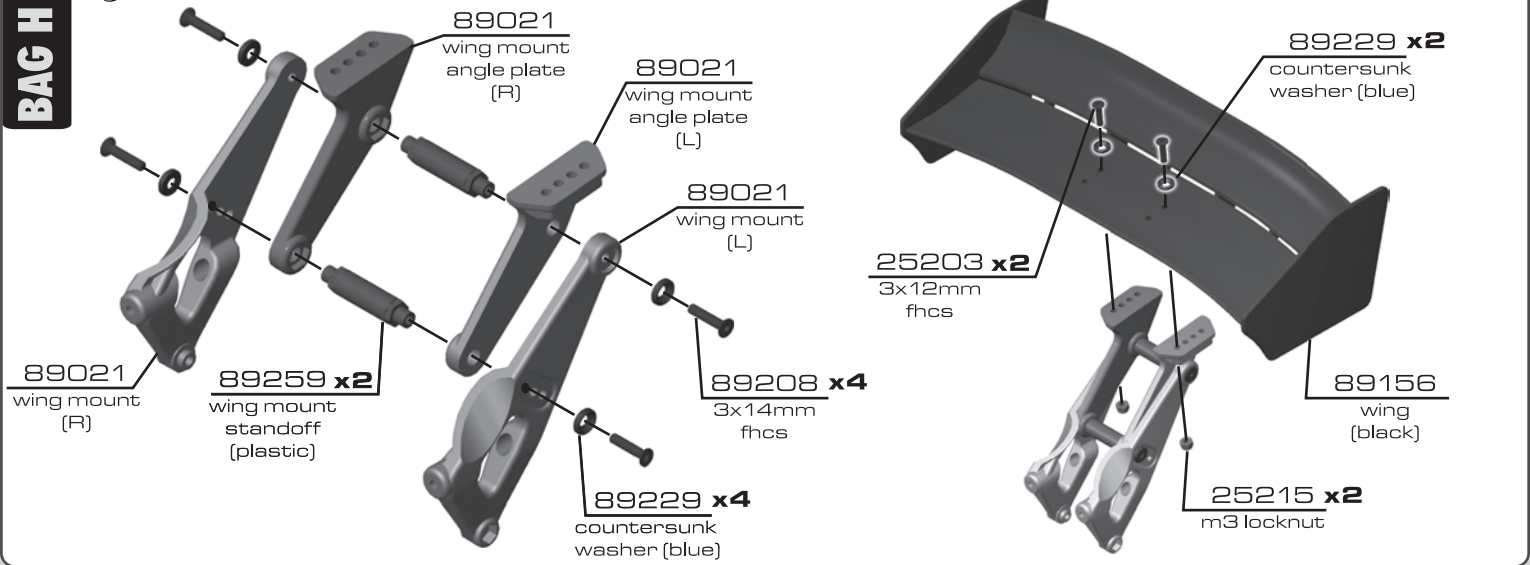
**:: Rear Suspension (cont.)**



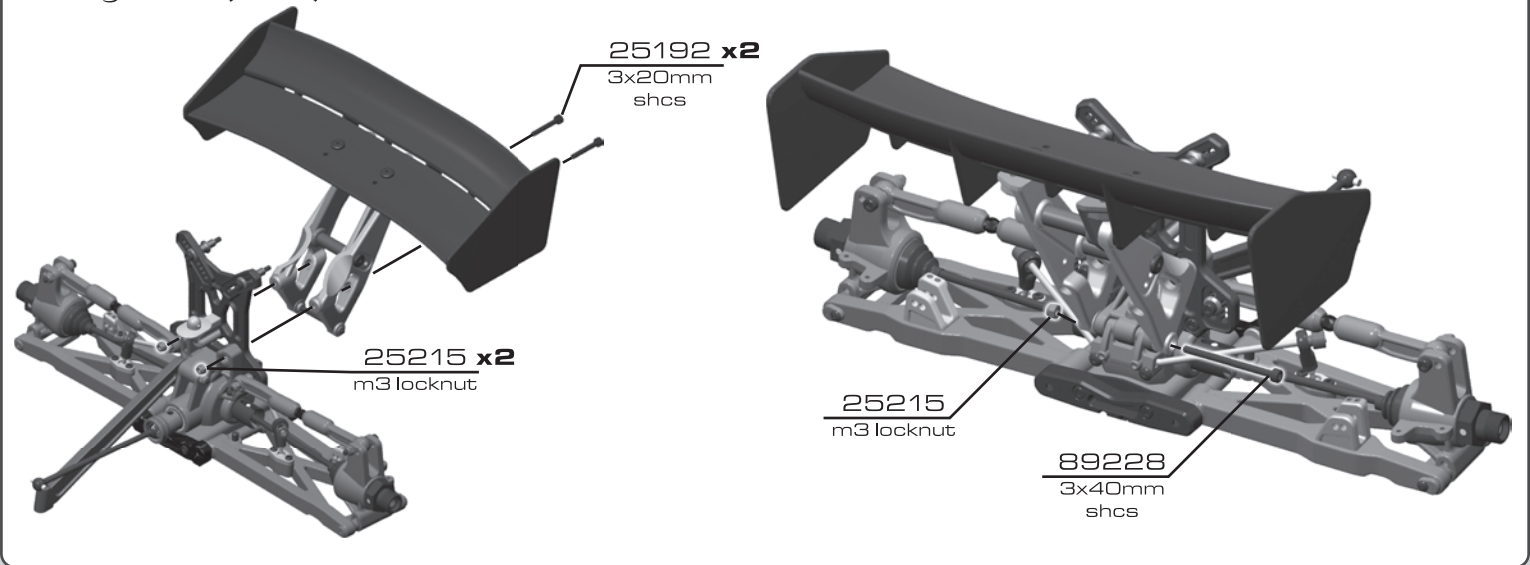
**:: Rear Suspension (cont.)**



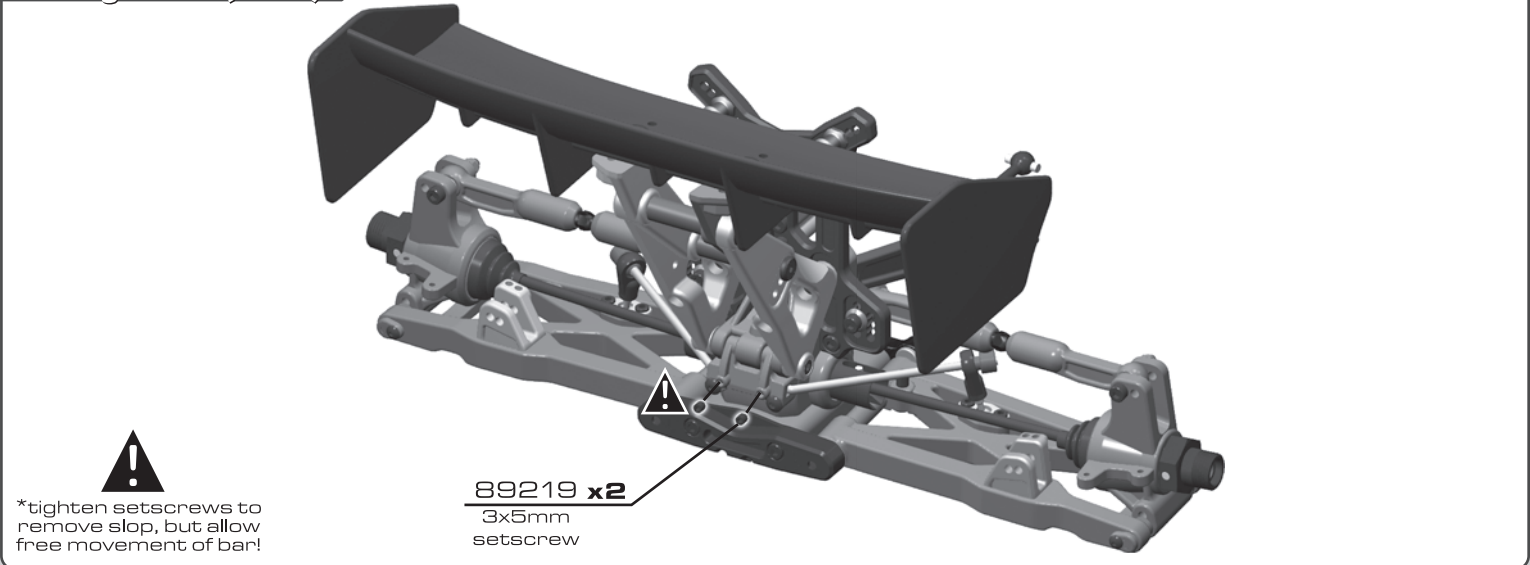
**:: Wing Build**



**:: Wing Build (cont.)**

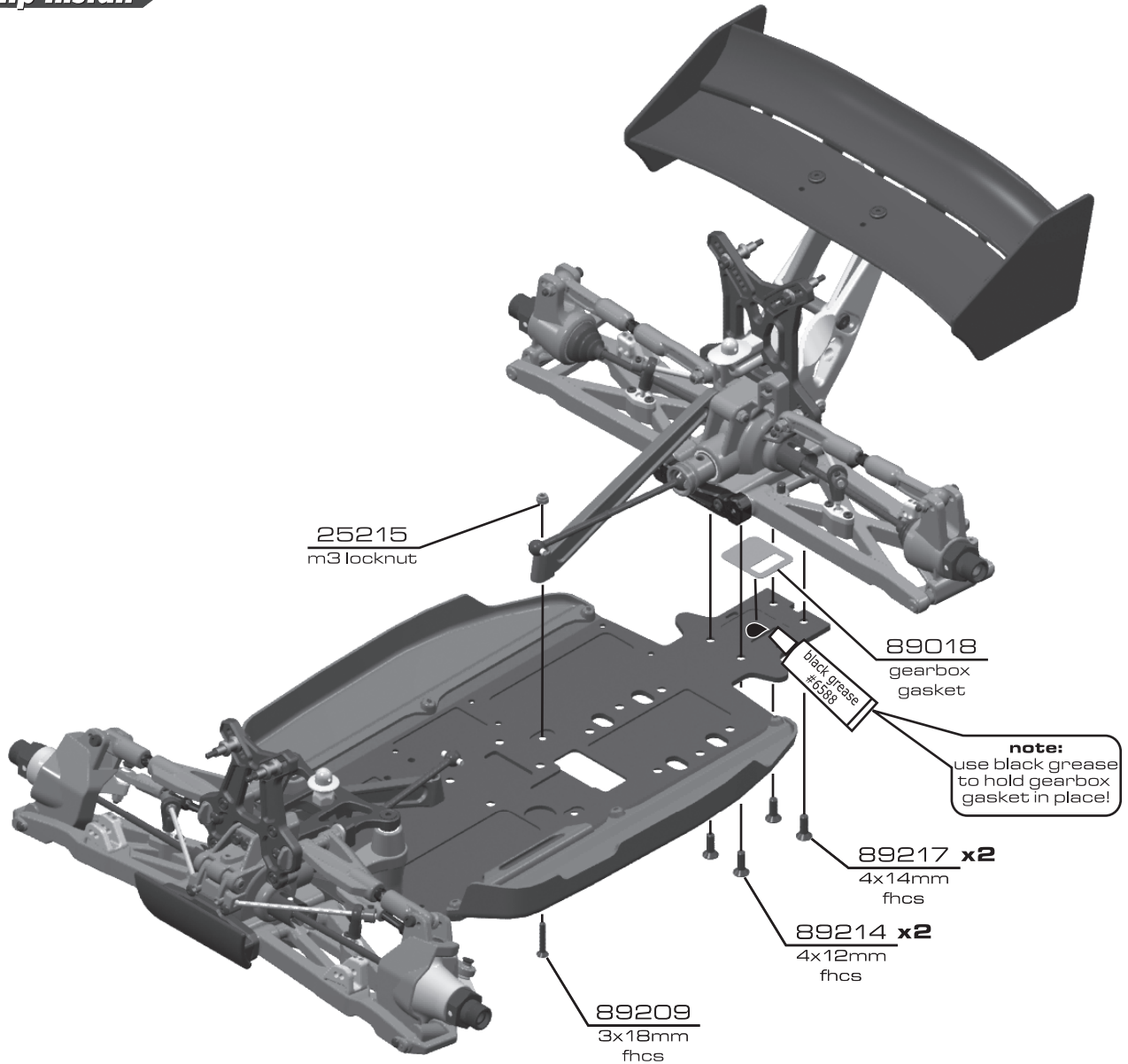


**:: Wing Build (cont.)**



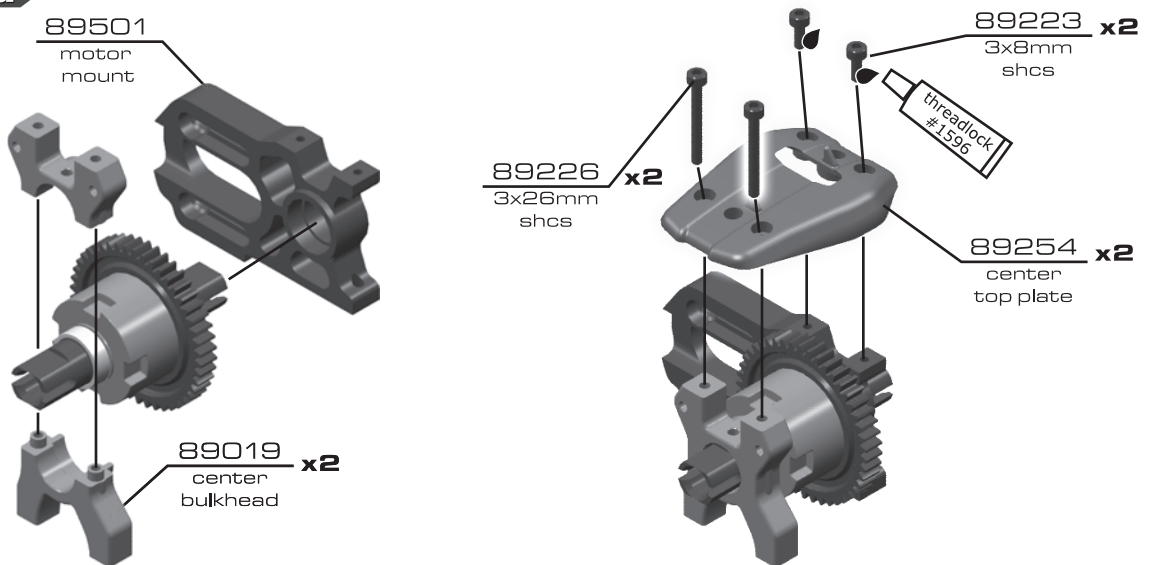
 \*tighten setscrews to remove slop, but allow free movement of bar!

**:: Rear Clip Install**



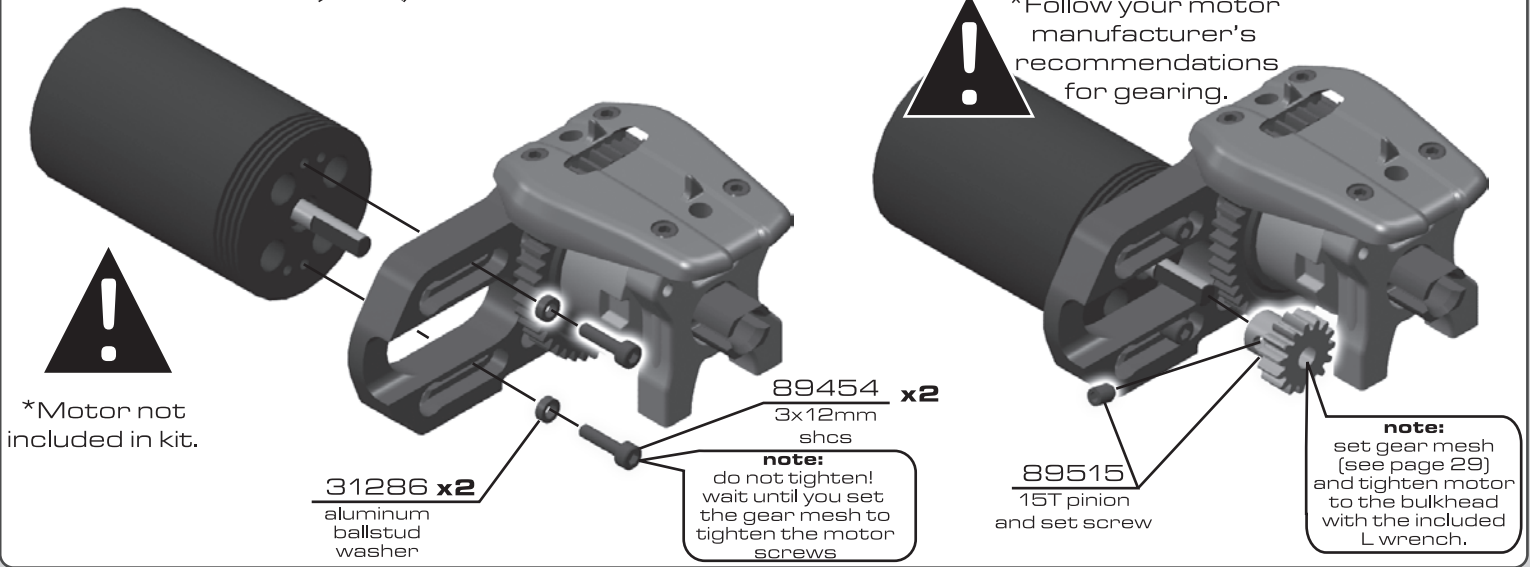
**:: Center Bulkhead**

**BAG I**

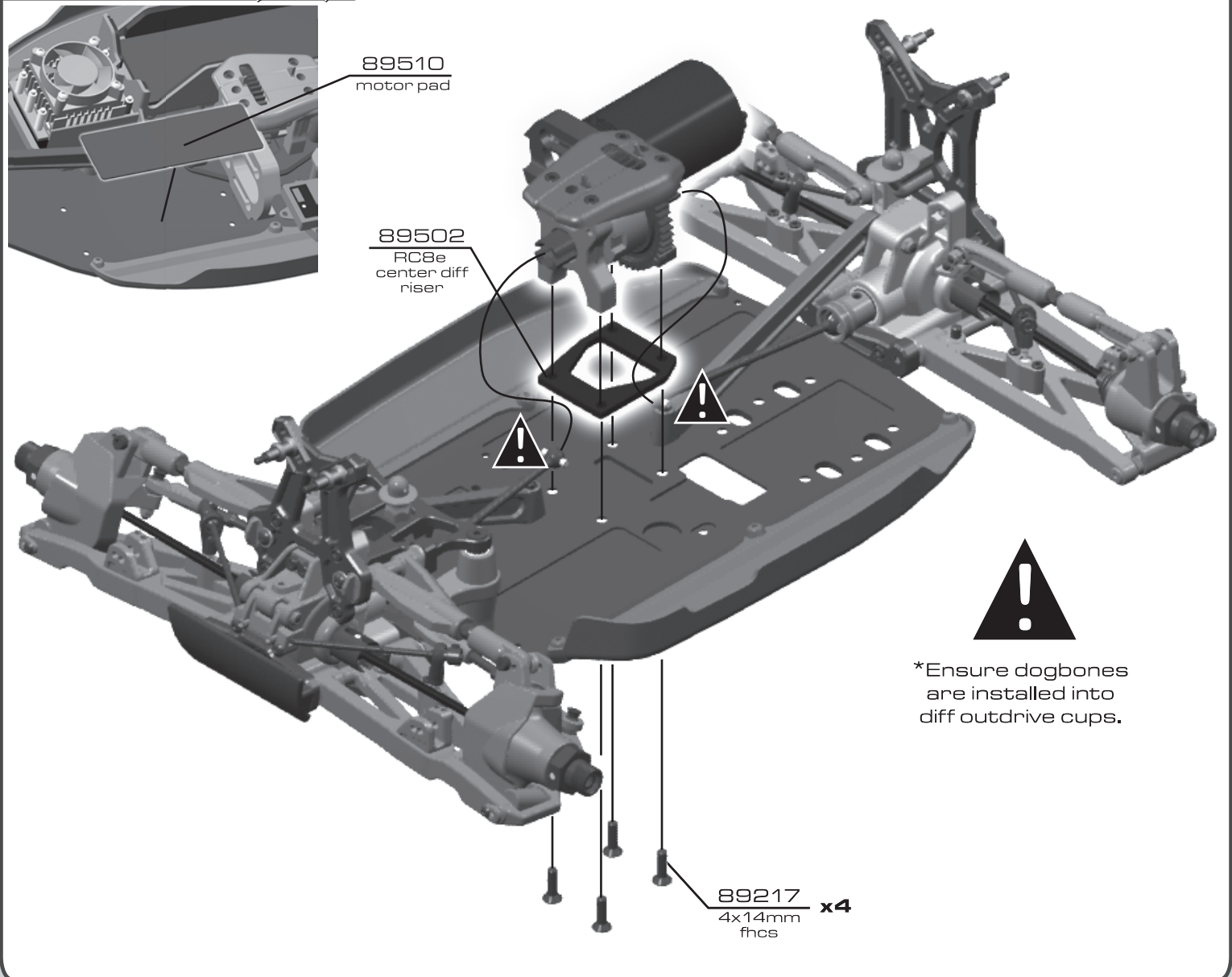




:: Center Bulkhead (cont.)



:: Center Bulkhead (cont.)



**:: Shocks**

**BAG J**



89291 x2  
16x29mm FT shock body front

89344 x2  
16x38mm FT shock body rear

shock fluid

89352 x4  
spacer

89066 x2  
shock o-rings

89352 x4  
o-ring

89352 x4  
bottom nut

89278 x8  
2.5mm piston washer

89353  
shock piston set (1,3, blank)

89215 x4  
piston locknut

1,3mm piston

89467 x2  
HD shock shaft 29mm (front)

89468 x2  
HD shock shaft 38mm (rear)

! \*use the lower shock tools locknut holder to thread the piston locknut onto the shock shafts

**:: Shocks (cont.)**

shock fluid

1 drop on threads

fit boot into groove

fill to top with shock oil  
front: 25wt #5428  
rear: 25wt #5428

tighten eyelet to line on shaft

89356 x2  
shock boot front

89357 x2  
shock boot rear

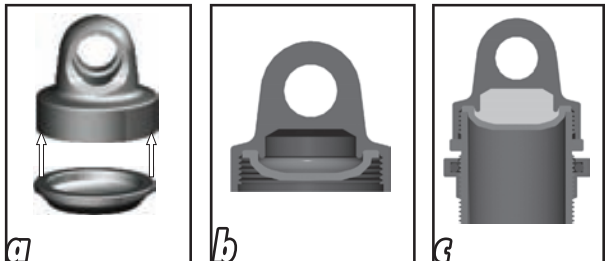
89352 x4  
shock boot washer

89469 x4  
HD shock ends

89469 x4  
shock rod end ball

**:: Shocks (cont.)**

**Bladder installation**



As you install the cap with bladder, it will force out any extra oil. If you install the cap with the shaft fully extended, you are running FULL REBOUND.

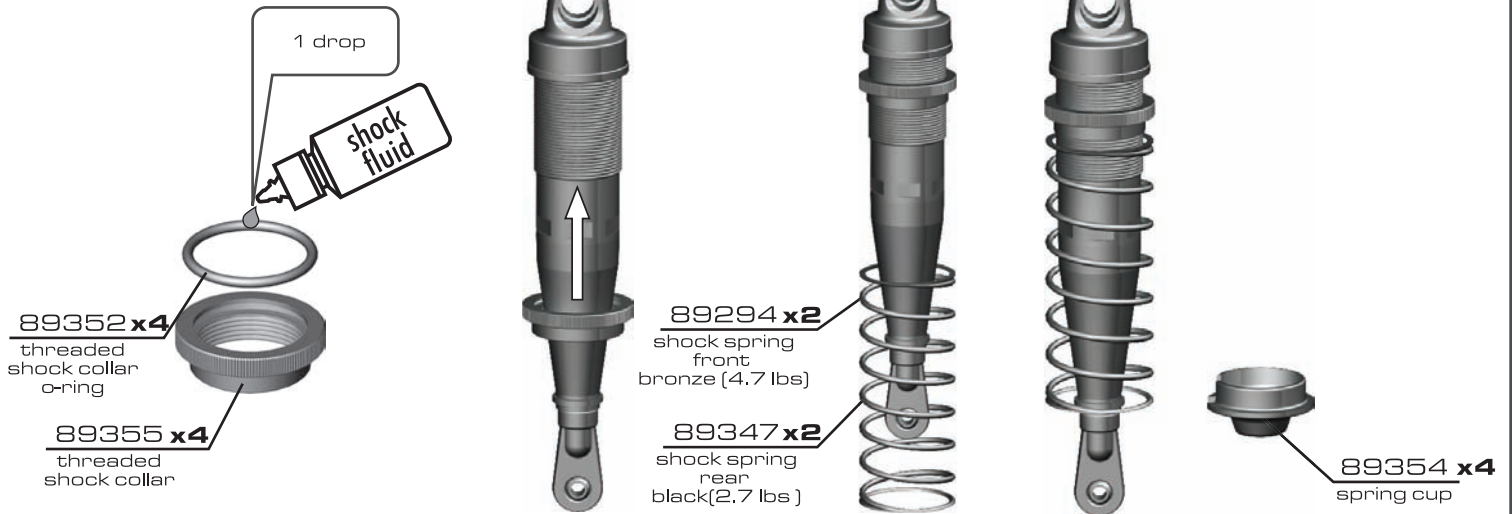
To run less rebound, unthread the cap 1-2 turns and compress the shaft to the desired position and re-tighten the cap.

89335 x4  
shock cap

89351 x4  
shock bladder

\*some residual oil may appear for your first few runs around the shock cap as a result of bleeding.

**:: Shocks (cont.)**



**:: Shocks (cont.)**

**89083 x2**  
shock bushing

**25612 x2**  
m3 locknut  
flanged

**89316 x2**  
shock pin

push pin in completely.  
do not overtighten  
setscrew, let it bottom  
out then stop.

setscrew

**89219**  
3x5mm **x2**  
setscrew

**:: Shocks (cont.)**

**89083 x2**  
shock bushing

**25612 x2**  
m3 locknut  
flanged

**89316 x2**  
shock pin

push pin in completely.  
do not overtighten  
setscrew, let it bottom  
out then stop.

setscrew

**89219**  
3x5mm **x2**  
setscrew



**:: Battery / Radio Tray Build**

**BAG K**

89504  
radio tray  
(bottom)

89208 x4  
3x14mm  
fhcs

89229 x4  
blue  
countersunk  
washer

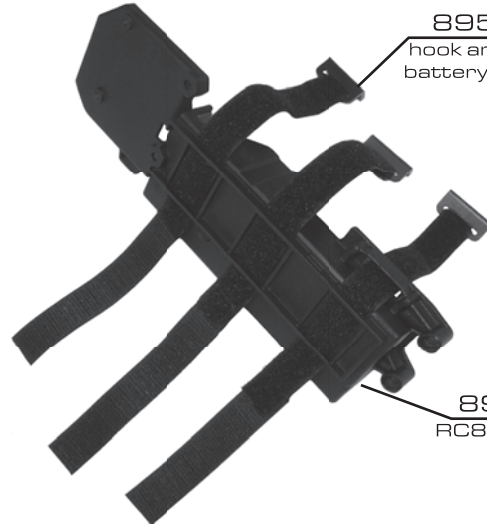
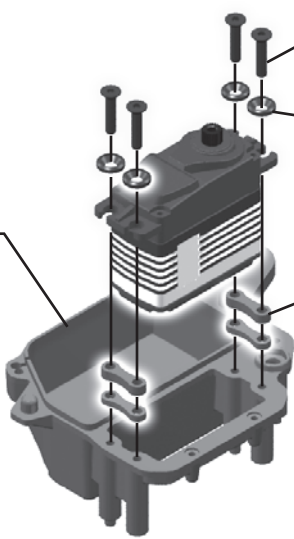
89006 x2  
servo spacers  
(1 thin, 1 thick)

89506 x3  
hook and loop  
battery straps

89505  
RC8e battery  
tray

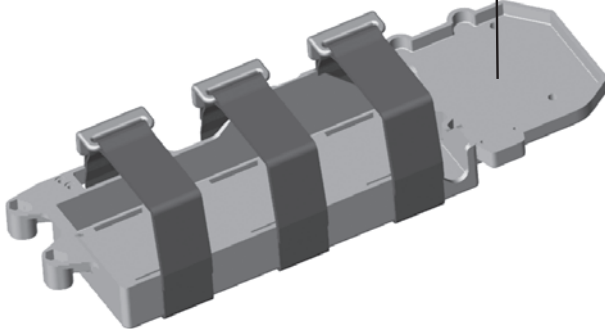
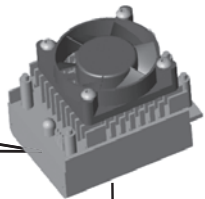


\*Servo not included in kit.

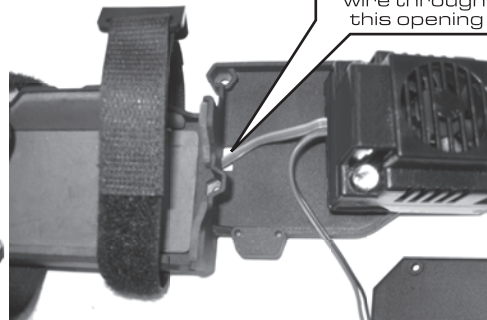


**:: Battery / Radio Tray Build (cont.)**

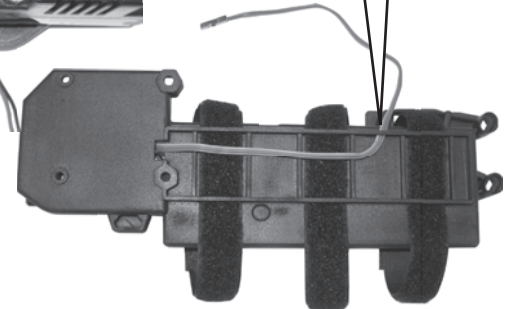
**note:**  
speed control  
not included.  
attach with  
servo tape  
pt #6727.



**note:**  
route the speed  
control receiver  
wire through  
this opening

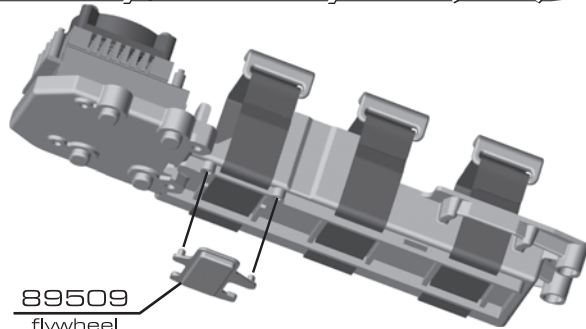


**note:**  
route the speed  
control receiver  
wire through  
this opening

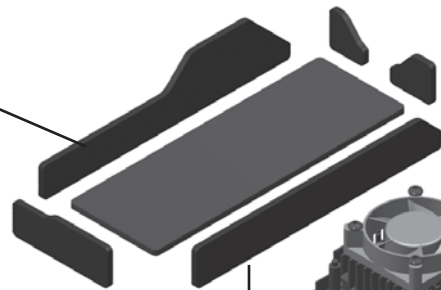


**:: Battery / Radio Tray Build (cont.)**

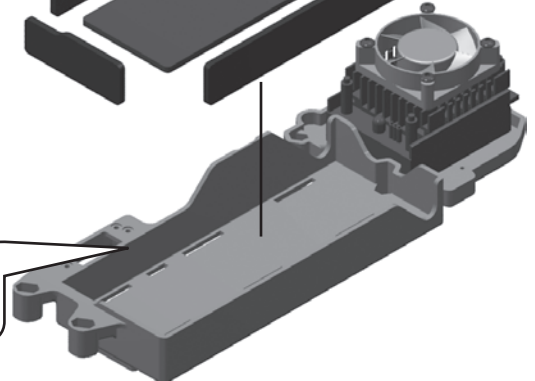
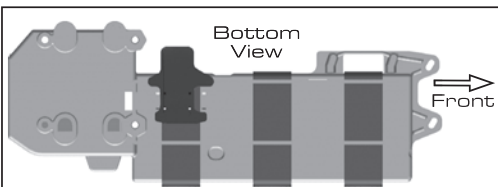
89509  
flywheel  
opening cover



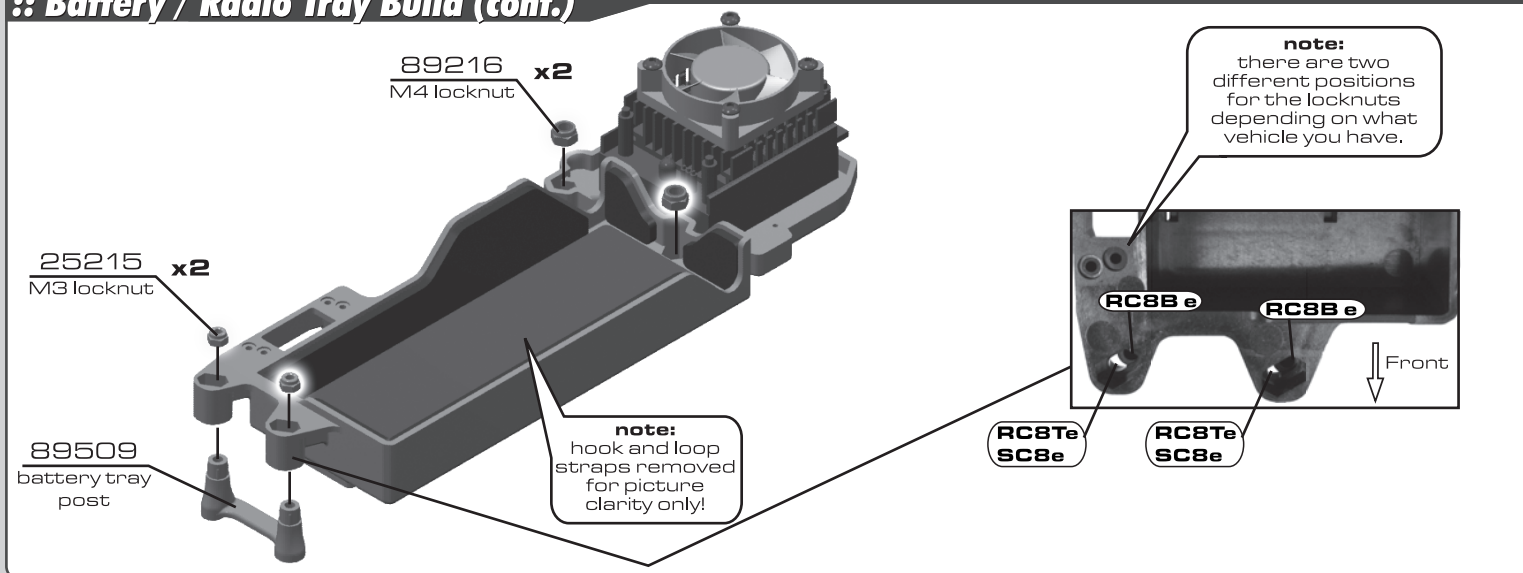
89507  
battery tray  
pads



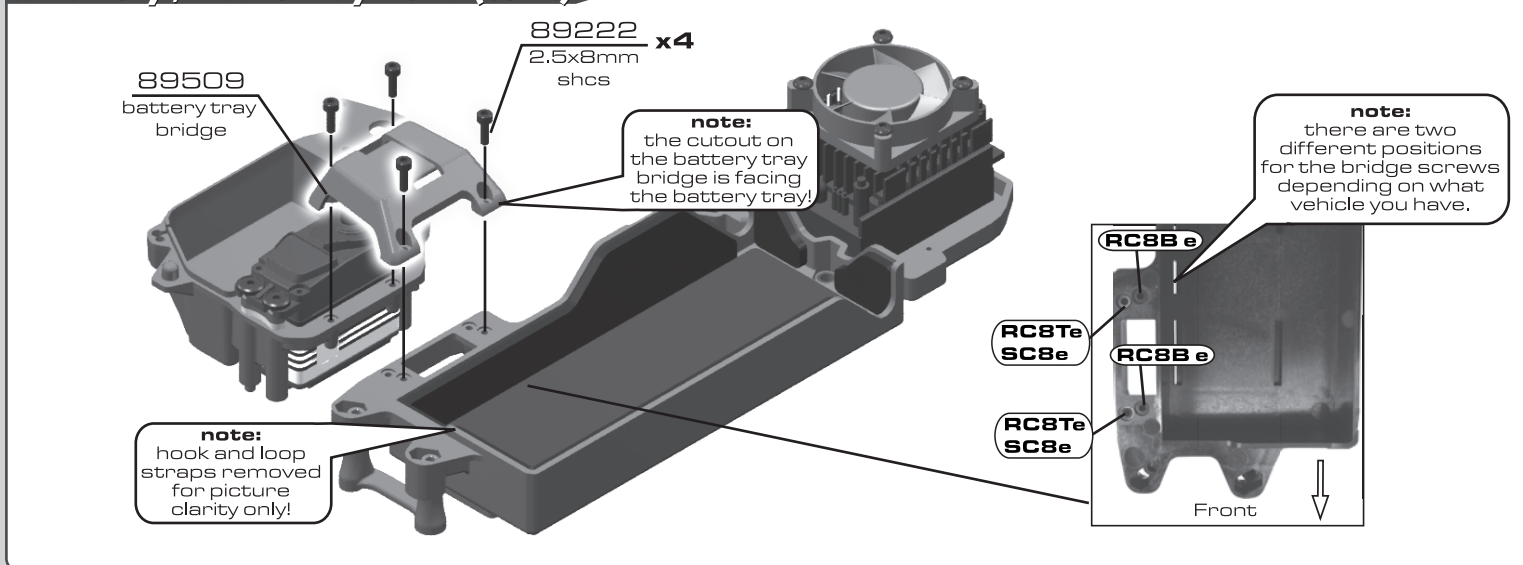
**note:**  
hook and loop  
straps removed  
for picture  
clarity only!



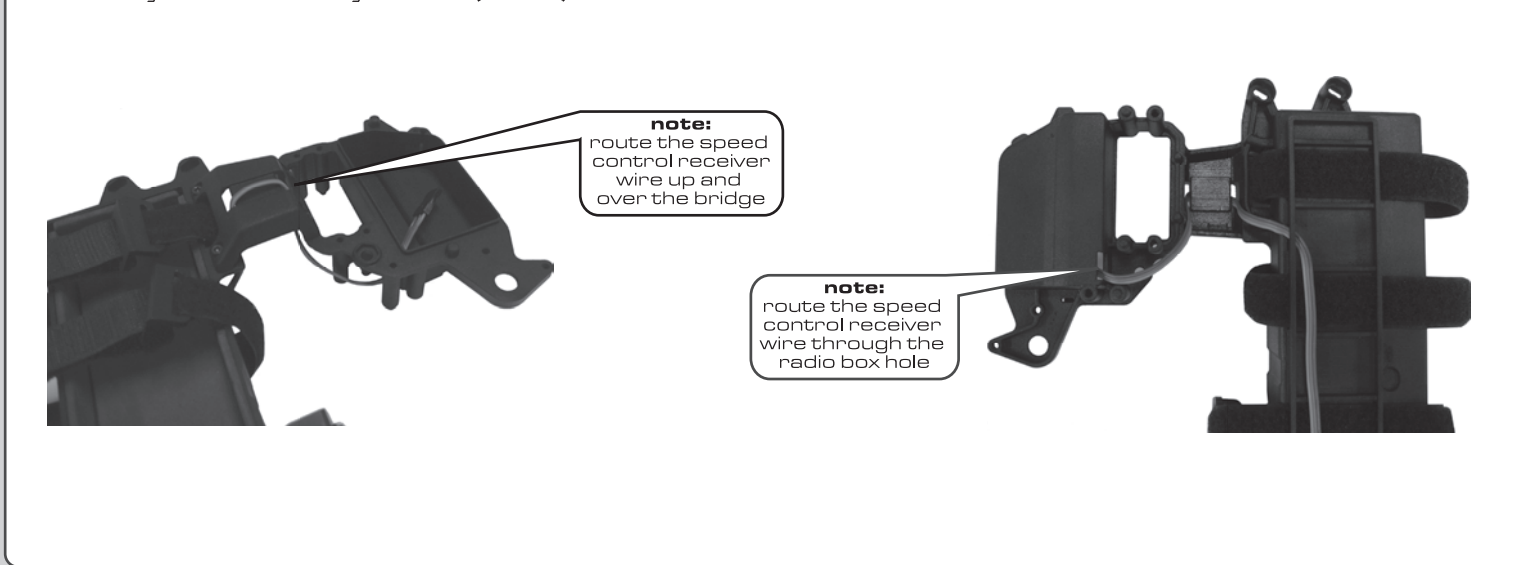
**:: Battery / Radio Tray Build (cont.)**



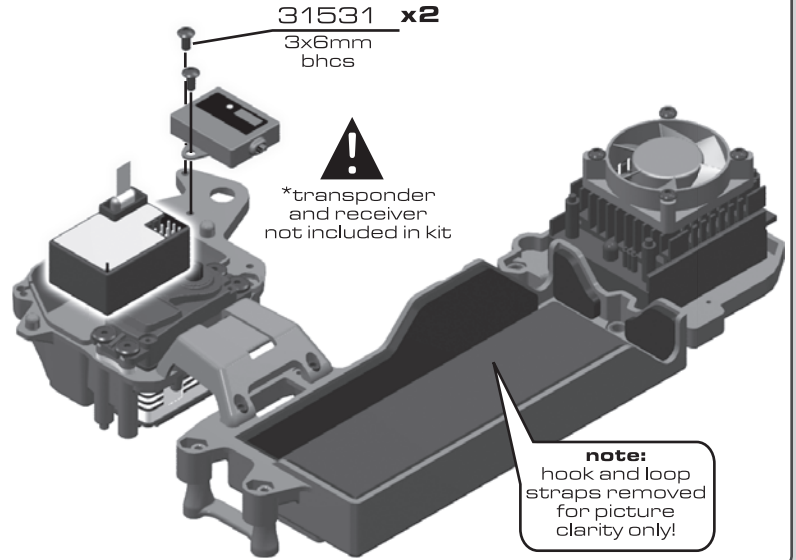
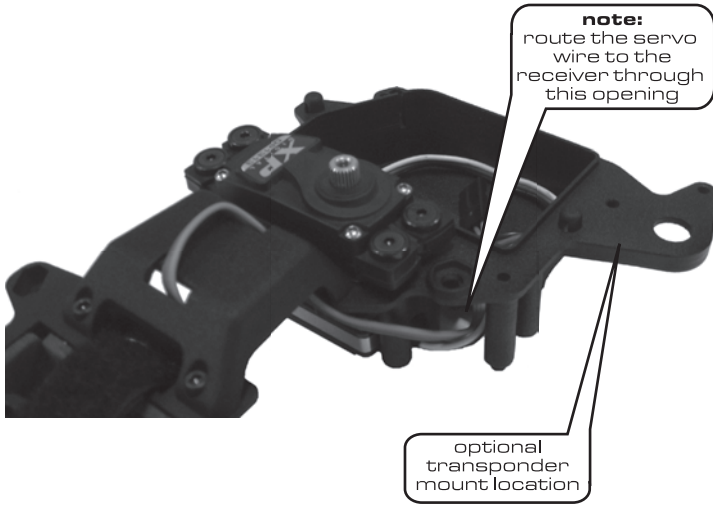
**:: Battery / Radio Tray Build (cont.)**



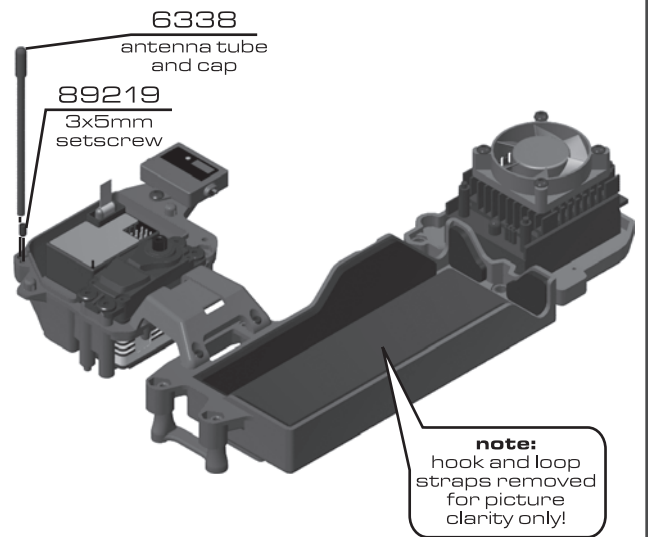
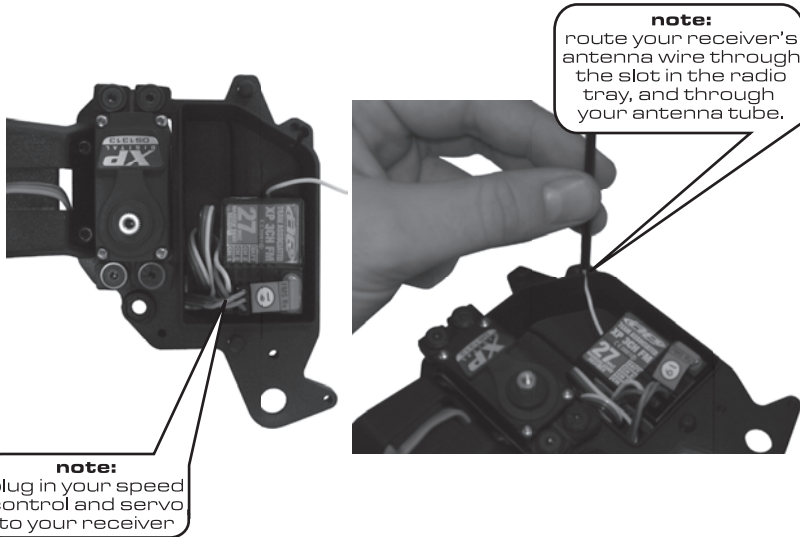
**:: Battery / Radio Tray Build (cont.)**



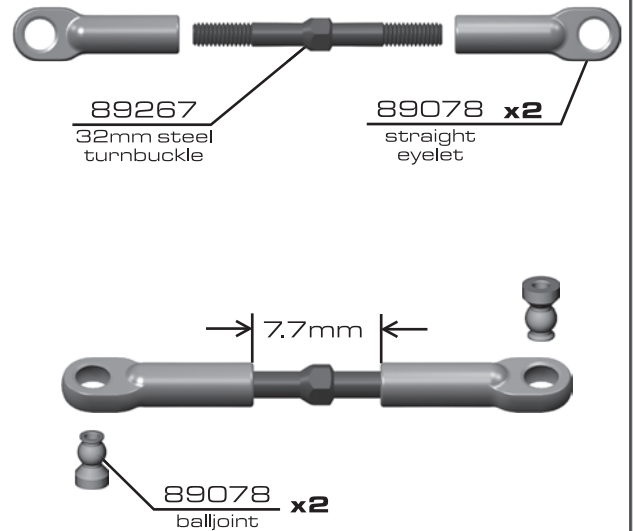
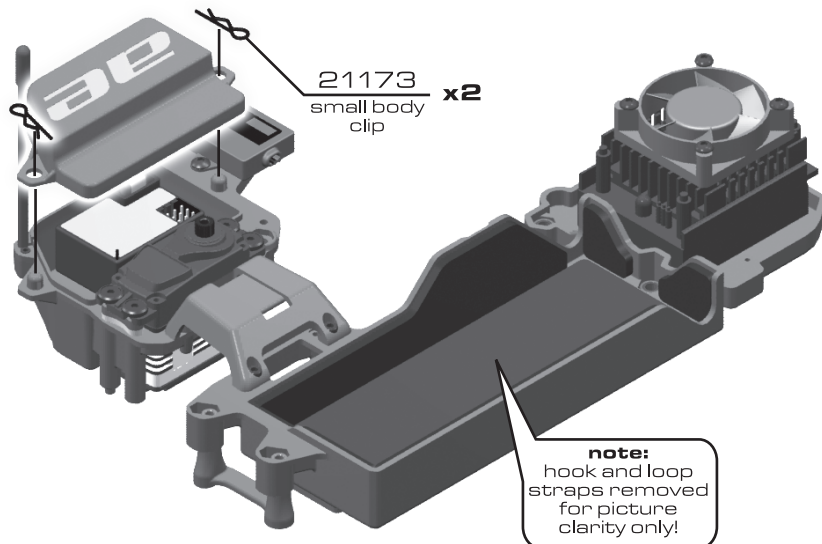
**:: Battery / Radio Tray Build (cont.)**



**:: Battery / Radio Tray Build (cont.)**



**:: Battery / Radio Tray Build (cont.)**





**:: Battery / Radio Tray Install (cont.)**

A - Airtronics  
 F - Futaba  
 H - Hitec  
 J - JR  
 printed here

89007  
 steering servo  
 horn  
 (futaba, hitec, jr,  
 airtronics, xp)

2308  
 3x18mm  
 bhcs

25215  
 M3 locknut

! \*enlarge hole  
 in servo horn  
 to 3mm

89007  
 servo cone  
 washer

25201  
 3x18mm  
 fhcs

89007  
 servo horn  
 ring

**note:**  
 hook and loop  
 straps removed  
 for picture  
 clarity only!

**:: Battery / Radio Tray Install (cont.)**

**note:**  
 ensure all wires  
 are in place  
 before installing  
 radio tray!

**note:**  
 hook and loop  
 straps removed  
 for picture  
 clarity only!

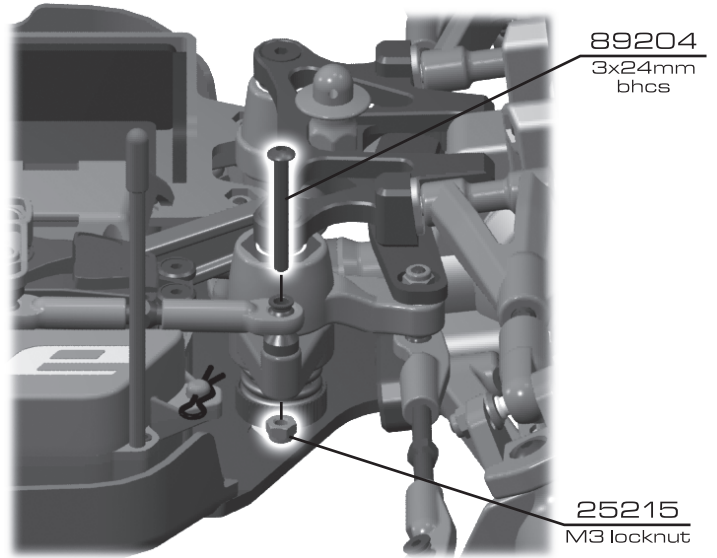
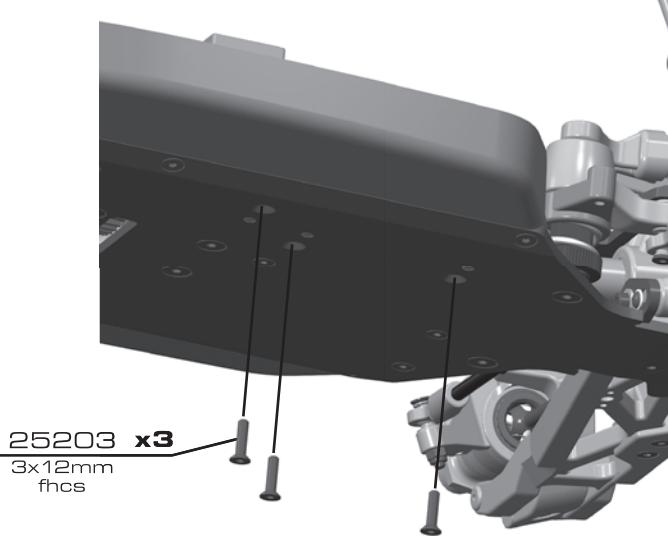
89214 x2  
 4x12mm  
 fhcs

89211 x2  
 3x26mm  
 fhcs

89213 x2  
 4x6mm  
 fhcs

**note:**  
 ensure you thread  
 these screws into  
 the locknuts that  
 were installed earlier!

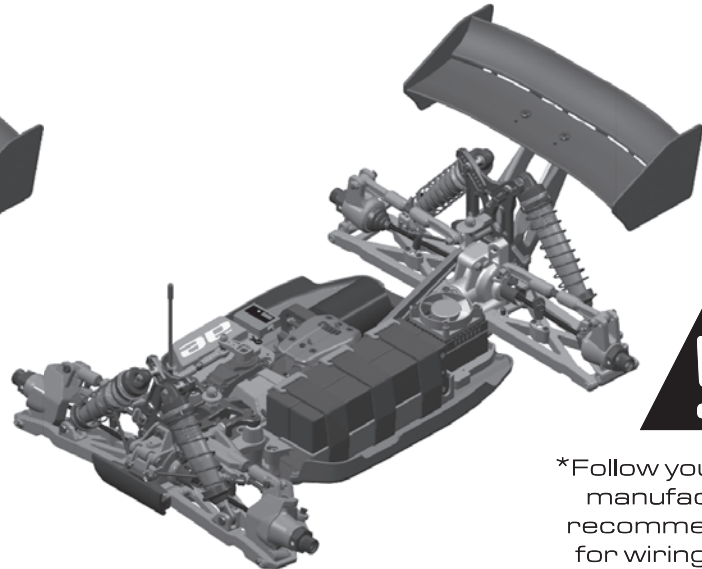
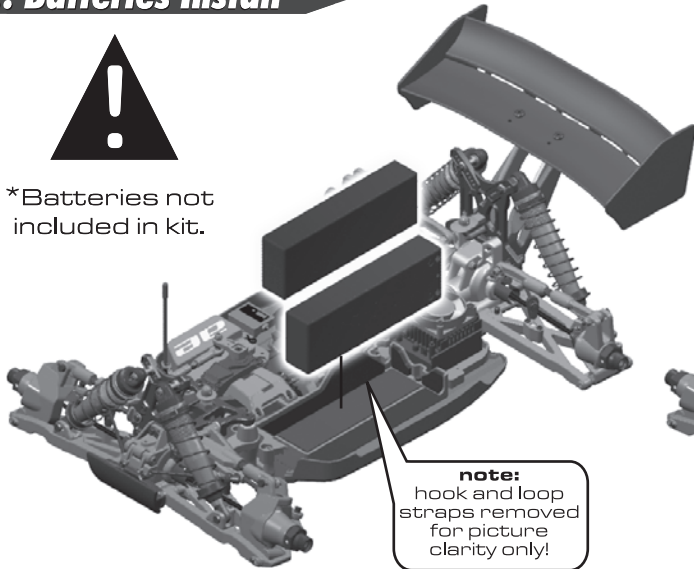
**:: Battery / Radio Tray Install (cont.)**



**:: Batteries Install**



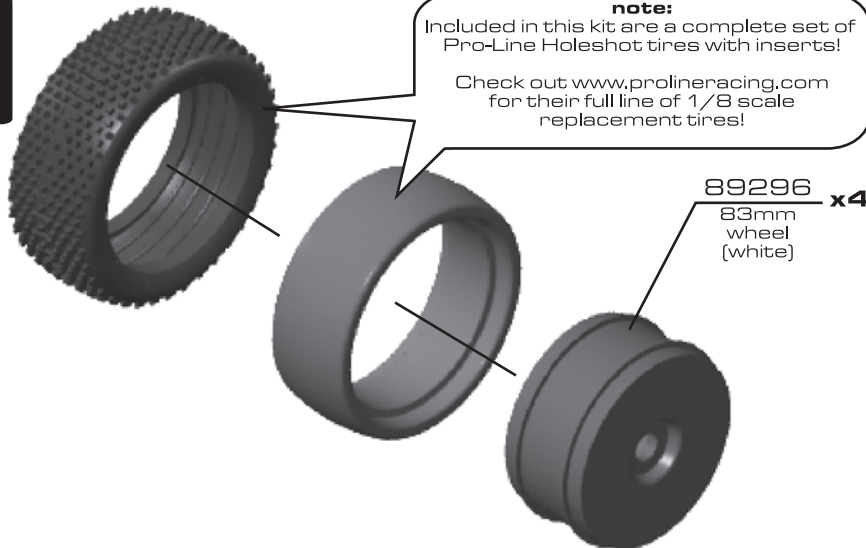
\*Batteries not included in kit.



\*Follow your battery manufacturer's recommendations for wiring setups.

**:: Wheel and Tire Build**

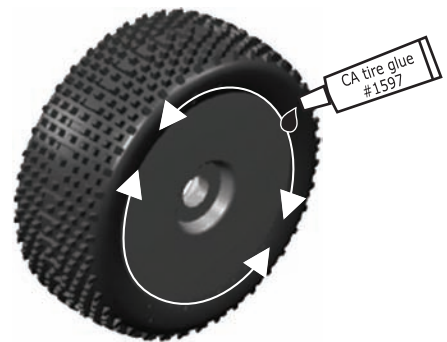
**BAG L**



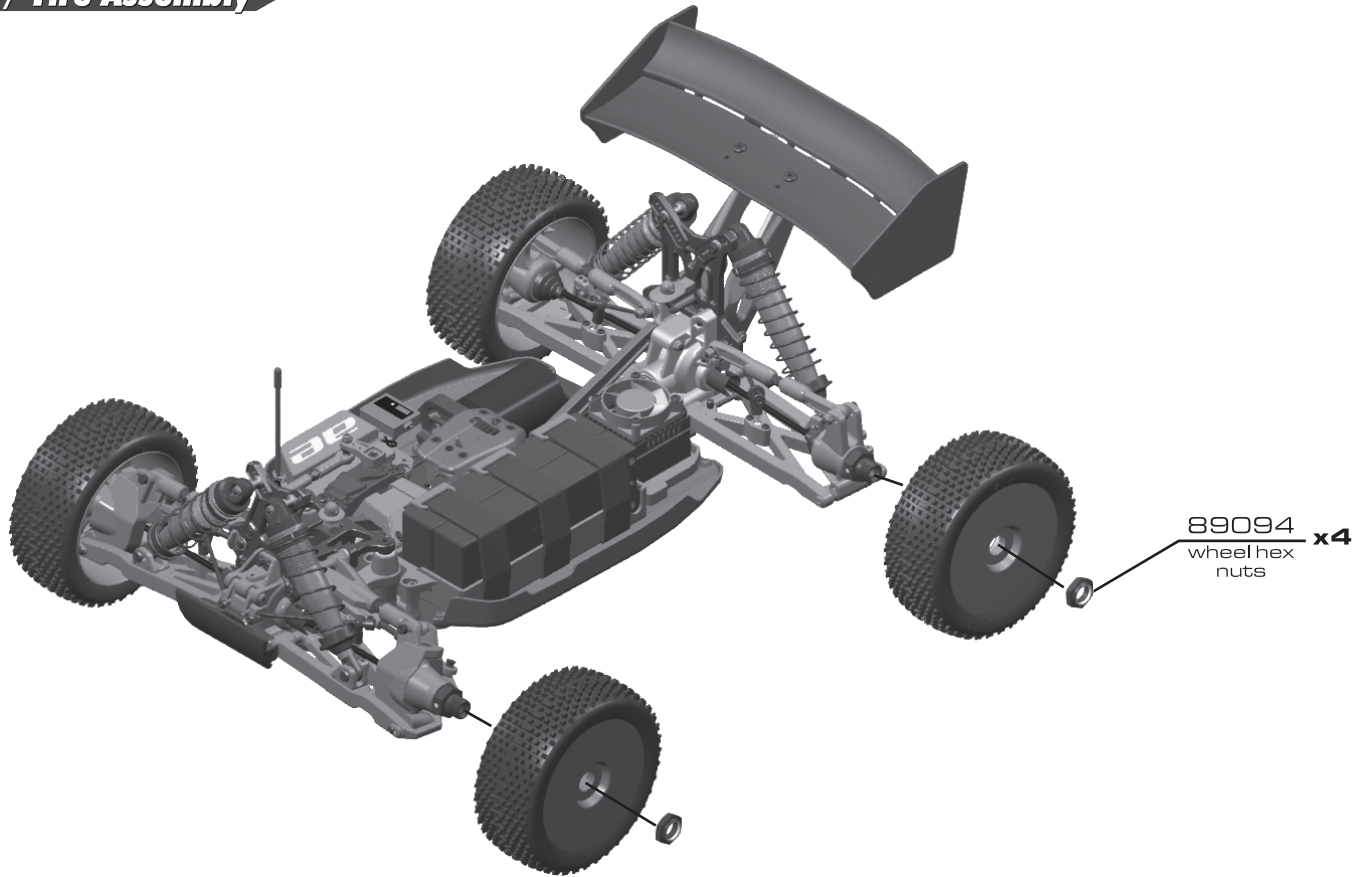
**:: Building Tips**

**Tires:**

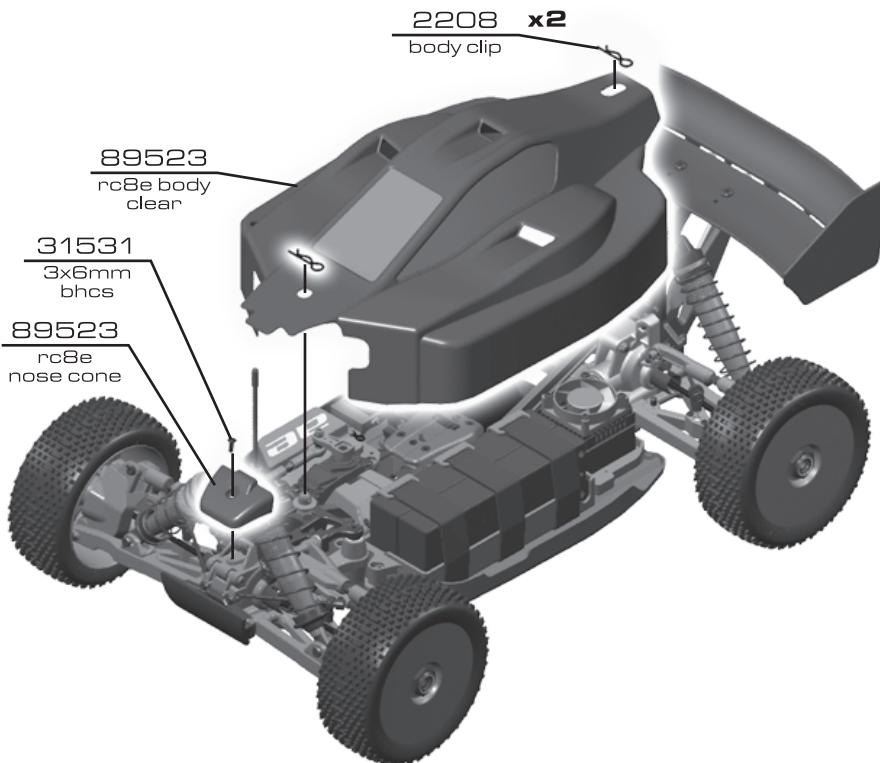
Your tires need to be glued to the wheels using a fast-curing Tire glue [CA] (AE Pt# 1597). This is available at your local hobby shop. Make sure to clean the mounting surface of the tire with alcohol for best adhesion.



:: Wheel / Tire Assembly



:: Body Install



:: Building Tips

**Clear Body:**  
 Your RC8B e comes with a clear lexan body. You will need to prep the body before you can paint it. Wash the inside thoroughly with warm water and liquid detergent. 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 cars get painted from the inside]. Using high quality tape, apply to the inside of the body to create a design. Spray (either with spray paint or airbrush) the paint on the inside of the body (**NOTE: use ONLY paint that is recommended for use with lexan (polycarbonate) plastics. If you don't, you may destroy the plastic body!!!!**). After painting, cut the body along the trim lines. Make sure to cut holes for the body mounts and antenna. Remove the clear protective sheet before applying decals.



## :: Chassis

### **Gearing:**

Recommended Gearing: 15-46. This is a good starting point for most tracks. Follow your motor manufacturer's recommendations for gearing options.

### **Gear Mesh:**

To correctly set your gear mesh, follow the steps below:

1. Loosen the motor mount screws so you can slide your motor from side to side freely.
2. Slide the motor until the pinion gear comes in contact with the spur gear. Tighten the motor mount screws. Now "rock" the spur gear. There should be a little "free play" between the gears.
3. If you have a small amount of 'free-play', continue building your RCBB e. If not, go back to Step 1. Be sure to check for "free-play" through a full rotation of the spur gear.

### **Differential Fluid:**

Team Associated includes a complete bottle of 5,000cst diff oil. You can also provide your own oil and try one of the optional setups.

Standard differential fluid setup: Front = 5,000cst; Center = 5,000cst; Rear = 5,000cst.

Optional diff setup 1 (high grip track): Front = 5,000cst; Center = 10,000cst; Rear = 5,000cst.

### **Center Differential:**

Use the standard setup for most cases. Some racers will try thicker oil (7,000-10,000cst) when greater acceleration is needed. This is typically done on very smooth tracks since thicker fluid can reduce handling in bumpy conditions.

## :: Front End:

### **Front Differential:**

Use the standard setup for most cases. Try 7,000cst to 10,000cst to get less low speed steering and better acceleration out of turns.

### **Kickup Bushing:**

Generally more kick-up will provide better handling in the bumps and have better straight line acceleration. Less kick-up will provide more all around steering and have a more aggressive feel.

### **Caster:**

The standard caster block insert setup is for 16 degrees. The standard inboard kick-up is 9 degrees (2-dot up insert in A-plate). You can reduce the caster using 14 degree inserts (also move both upper cone washers in front of the ball joint) for smoother steering. Changing to 18 degree inserts (also move both upper cone washers behind the ball joint) will typically provide more steering on power but reduce handling in bumpy conditions.

### **Front Upper Pivot Insert:**

The standard setup is to use 2-dot up in the tower and 1-dot in the top plate. It is recommended to maintain a 1 dot gap (1 mm per dot) front to rear when using 2-dot up in the A-Plate. Reducing the A-Plate insert to 1-dot allows the use of same dot number insert in both tower and top plate. Going up to 3-dot up in the tower will give more turn in, but less steering on power/exit. Going down (1-dot, 2-dot down) will reduce turn in, but give more steering on exit.

### **Front Camber Link-Outer:**

The standard short location will work the best for most tracks. going to the long front link will give you more steering, but can make the car less predictable in bumps and exiting turns.

### **Front Camber Angle:**

A good starting camber setting is -2 degrees. Positive camber, where the top of the tire is leaning out, is typically not recommended.

### **Front Toe-In:**

Zero degree toe-in (tires pointing straight forward) is a good starting setting. You can increase turn in by adding 1-2 degrees of toe-out (front of tires point slightly out). Front toe - in is not a typical tuning adjustment used by the Team.

**:: Front End (cont.):****Front Ride Height:**

The front ride height setting you should use most often is with 29mm of gap between the chassis bottom and the ground. Check the ride height with the FT Ride Height Gauge (# 1449) by lifting up the entire vehicle about 8-12 inches off the bench and drop it. After the suspension "settles" into place, then raise or lower the adjustment collars as necessary and recheck.

**Front Arm Shock Location:**

Inside on the arm will give a more responsive front end. Outside on the arm will be less responsive steering, but will be more predictable through bumps.

**:: Rear End:**

**Rear Differential:** Start with the standard setup. For expert drivers, the most popular setting for buggy is 3,000 cst. the thicker 5,000cst kit oil will rotate less in the turns and accelerate straight on power. The thinner oil (2,000 or 3,000cst) will give more low speed traction.

**Anti-squat:**

Anti-squat denotes the angle of the rear inner hinge pin relative to the ground. This setting is adjusted by changing the insert bushing in the C-Plate. The kit setting is 2 degrees (2-dot down) but you change to 1 degree (3-dot down). Typically less anti-squat lets the suspension work more over the bumps, but it will sacrifice the ability to square up on power.

**Rear Camber Link Length & Vertical Adjustment:**

You can change the length of the camber link on the hub or tower as well as adjust the vertical location on the tower. A longer link will give the feeling of the most grip, but it will not be as responsive to square up on throttle, and might get loose if driven hard. This can easily be corrected by running the shorter link on the hub, but it will sacrifice some forward grip.

Changing to a higher location on the tower will be a smaller adjustment than changing the length of the upper link. Going up on the tower location has a similar effect as a longer camber link, but not as drastic. For example, if you change to the short rear link on the hub and you need to gain more forward grip, try raising the link up on the tower. New additional lower holes should be used when running the optional hinge pin hole in the rear hub carrier.

**Rear Hub Hinge Pin Height:**

The upper hole gives more rear grip on turn in, and good forward traction, but it might have difficulty squaring up out of turns. The lower hinge pin hole in the hub will be more responsive on throttle, and give more side grip in the turns.

**Rear Hub Spacing:**

You have 3 options for rear hub spacing, FWD, MIDDLE, & BACK. The kit setting provides a good balance of rear traction and steering, and will be used most often. Moving the hubs FWD will give more rear traction for low grip tracks. You can use the hubs BACK on high grip tracks for more on-power steering. Also, you can replace the included shims to get intermediate settings.

**Rear Camber:**

A good starting camber setting is -2 degrees. Use the included # 1719 camber gauge to set your camber. Adding a small amount of positive camber, where the top of the tire is leaning out, will tend to improve straight-line acceleration on loose tracks.

**Rear Ride Height:**

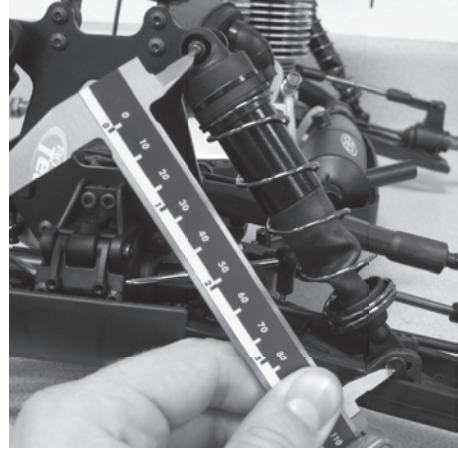
The rear ride height setting you should use most often is 29mm of gap between the chassis bottom and ground. Check the ride height with the FT Ride Height Gauge (# 1449) by lifting up the entire vehicle about 8-12 inches off the bench and drop it. After the suspension "settles" into place, then raise or lower the adjustment collars as necessary and recheck.

**Rear Arm Shock Location:**

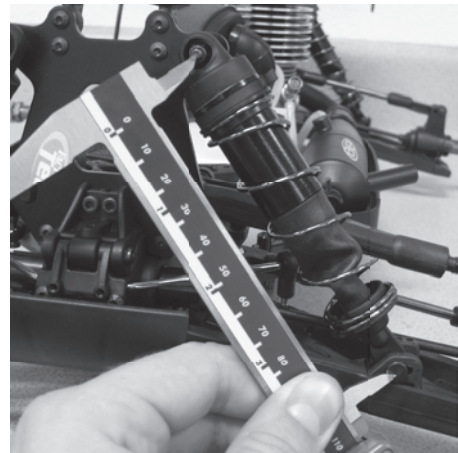
Inside on the arm will give less entry steering, accelerates better straightline through bumps, but may lack side bite. Outside on the arm will be less grip, more steering, but will be more predictable when it breaks traction.

## :: Droop Settings:

### Droop Settings: (Truggy shown but applicable for all vehicles)



**Step 1:** With only the bottom of the shocks attached, the droop screws raised all the way, and the chassis above your working surface so the arms are at full extension, you should be able to easily slide the top of your shock over the standoff screw, while leaving the shock at full extension. If the mounting hole of the shock cap is above or below the standoff screw, adjust the droop screw accordingly. Repeat for all corners of your vehicle. Measure from the center of the standoff screw to the center of the shock riser button to get your FULL DROOP setting. The front shocks should be 109mm, while the rear shocks should be 127.5mm.



**Step 2:** Finish installing the shock to the standoff. Set your vehicle to your desired droop setting. To increase your droop turn the droop screw (from the top) counter-clockwise (loosen), turn the droop screw (from the top) clockwise (tighten) to decrease your droop. Remember, never back the screw out beyond full droop or you could risk damage to your vehicle.

**Step 3:** Measure from the center of the shock standoff screw to the center of the shock riser button to get your final droop setting. The front shocks should both be set at the same length, as should the rear shocks. \* The normal droop setting is between 0-5mm from the FULL DROOP measurement.

**Front Droop:** Increasing front droop (loosen droop screws) will increase off-throttle steering. It also allows the front end to lift more, giving more rear grip and less front grip on-power. Remember to never loosen the screws beyond the FULL DROOP setting. Decreasing front droop (tighten droop screws) yields more on-power steering and quicker response at the expense of some stability in bumpy sections. It will also give less off-throttle steering.

**Rear Droop:** Increasing rear droop (loosen droop screws) will increase traction in bumpy sections, but will reduce high-speed stability. Remember to never loosen the screws beyond the FULL DROOP setting. Decreasing rear droop (tighten droop screws) will increase stability in high speed sections, but will reduce stability in bumpy sections.

### Setup Sheets:

Most often the best way to get your car handling right is to go to our website [www.rc10.com](http://www.rc10.com) and click on the "racing" link, then the "Setups" link, then search for your vehicle. Our team of professional drivers help develop these setups at National events. Also, most drivers have a "base" setup that they use as a starting point for every event. Try running some of our base setups OR look for track conditions and tires that are similar to your local track and mimic that setup. Remember, each adjustment has a purpose, so copy everything from the setup sheet and then make adjustments based on the recommendations in here at <http://www.rc10.com/rc/tuning>.



**:: Shocks**

25612	M3 locknut with flange	20
89066	Shock o-rings	8
89067	Shock limiters, Set	1
89083	Shock bushings	4
89215	Piston locknut	10
89278	2.5mm washer	20
89290	16x29mm front shock kit, Set	1
89291	16x29mm front shock body	Pr.
89335	16mm shock caps, Set	1
89344	16x38mm rear shock body	Pr.
89346	16x38mm rear shock kit, Set	1
89351	16mm shock bladders	8
89352	16mm shock rebuild kit, Set	1
89353	16mm shock pistons, Set	1
89354	16mm shock spring cups	4
89355	16mm shock collars	2
89356	16x29/32mm front shock boot	4
89357	16x38mm rear shock boot	4
89467	HD shock shaft, 4x28mm	Pr.
89468	HD shock shaft, 4x38mm	Pr.
89469	HD shock ends, Set	1



**:: Springs**

89292	16x29mm front spring black (3.3lbs)	Pr.
89293	16x29mm front spring silver (3.9lbs)	Pr.
89294	16x29mm front spring bronze (4.7lbs) - Kit	Pr.
89295	16x29mm front spring complete set	1
89347	16x38mm rear spring black (2.7 lbs) - Kit	Pr.
89348	16x38mm rear spring silver (3.3 lbs)	Pr.
89349	16x38mm rear spring bronze (4 lbs)	Pr.
89350	16x38mm rear spring complete set	1



**:: Shock Oils**

5420	10 Weight Silicone Shock Oil	2oz.
5421	20 Weight Silicone Shock Oil	2oz.
5422	30 Weight Silicone Shock Oil	2oz.
5423	40 Weight Silicone Shock Oil	2oz.
5425	80 Weight Silicone Shock Oil	2oz.
5427	15 Weight Silicone Shock Oil	2oz.
5428	25 Weight Silicone Shock Oil	2oz.
5429	35 Weight Silicone Shock Oil	2oz.
5430	45 Weight Silicone Shock Oil	2oz.
5431	55 Weight Silicone Shock Oil	2oz.
5435	50 Weight Silicone Shock Oil	2oz.
5436	60 Weight Silicone Shock Oil	2oz.
5437	70 Weight Silicone Shock Oil	2oz.



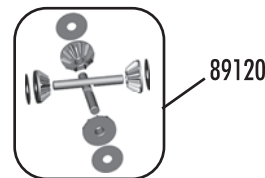
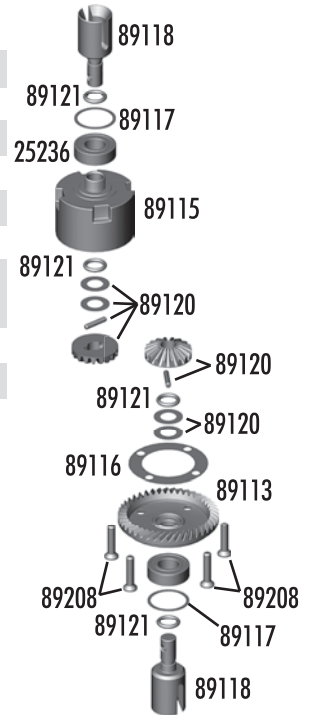
**:: Lubes and Adhesives**

1105	Green Slime Shock Lube	4cc
1596	FT Locking Compound	10ml
1597	FT Tire Adhesive (medium)	.70oz
6588	Black Grease	4cc
6591	Diff Lube	4cc
6636	Silicone Lube	4cc
6727	Servo Tape Strips	2



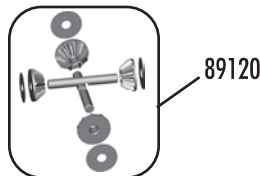
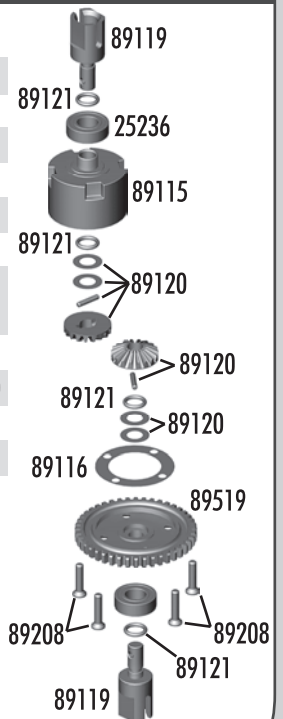
**:: Front and Rear Diffs**

25236	8x16x5 Bearings	2
89112	Complete diff	1
89113	Diff ring gear, includes diff gasket	1
89115	Diff housing	1
89116	Diff gasket	4
89117	Diff shims	8
89118	Diff outdrives	2
89120	Diff sun/planet gears, includes washers and pins, Set	1
89121	Diff O-rings, big and small, Set	1
89208	3x14mm FHCS	10



**:: Center Diff**

25236	8x16x5 Bearings	2
89109	Spur gear 44T, includes diff gasket - Kit	1
89110	Spur gear 46T, includes diff gasket	1
89111	Complete center diff	1
89115	Diff housing	1
89116	Diff gasket	4
89119	Center diff outdrives	2
89120	Diff sun/planet gears, includes washers and pins, Set	1
89121	Diff O-rings, big and small, Set	1
89208	3x14mm FHCS	10
89519	Plastic spur gear 46T, w/diff gasket - Kit	1
89520	Plastic spur gear 48T, w/diff gasket	1
89521	Plastic spur gear 50T, w/diff gasket	1



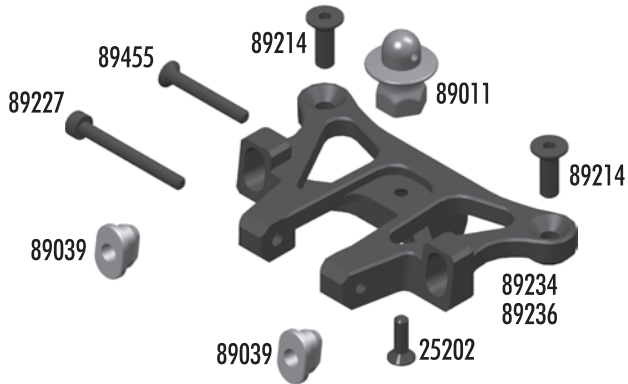
**:: Differential Fluid**

5450	Silicone Diff Fluid 1000CST	1
5451	Silicone Diff Fluid 2000CST	1
5452	Silicone Diff Fluid 3000CST	1
5453	Silicone Diff Fluid 5000CST	1
5454	Silicone Diff Fluid 7000CST	1
5455	Silicone Diff Fluid 10000CST	1



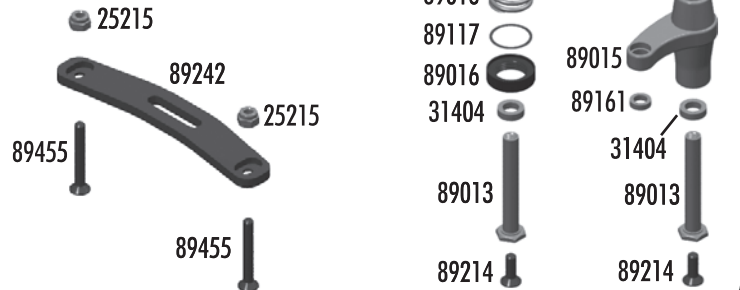
**:: Top Plate**

25202	3x10mm fhcs	20
89011	RC8 body mounts. Set	1
89039	Hinge pin bushings, 1/2/3 dot, Set	1
89214	4x12mm fhcs	10
89227	3x28mm shcs	10
89234	Blue aluminum top plate - Kit	1
89236	Black aluminum top plate (FT)	1
89455	3x22mm fhcs	10



**:: Steering**

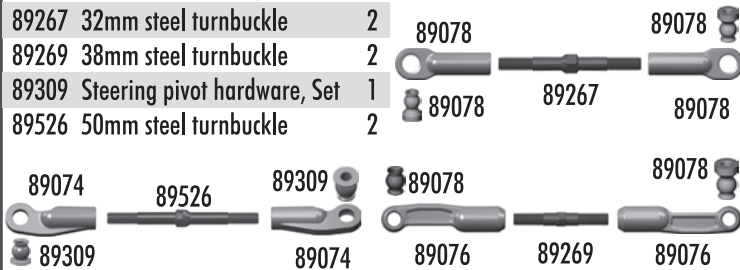
25215	M3 locknut	20
31404	6x10mm bearing	2
89013	Steering post	2
89014	Steering rack post	2
89015	Servo saver, Set	1
89016	Servo saver bolt, nut, spring	1
89117	Diff shims	8
89161	Steering bearing, Set	1
89214	4x12mm fhcs	10
89242	Steering drag link	1
89455	3x22mm fhcs	10



**:: Turnbuckles**

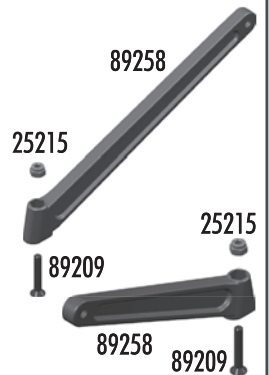
89074	Steering rod ends	4
89076	Camber rod ends	4
89078	Servo link rod ends, Set	1
89267	32mm steel turnbuckle	2
89269	38mm steel turnbuckle	2
89309	Steering pivot hardware, Set	1
89526	50mm steel turnbuckle	2

Front  
Camber  
89269



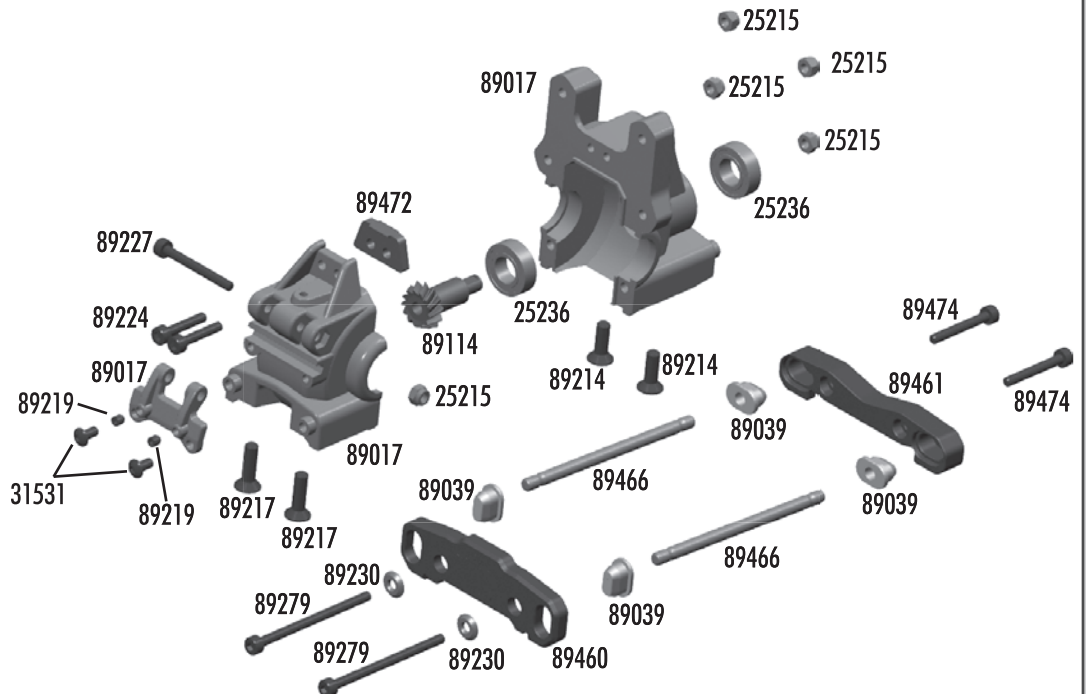
**:: Chassis Braces**

25215	M3 locknut	20
89068	RC8 pivot chassis brace set (front)	1
89069	RC8 pivot chassis brace set (rear)	1
89077	Chassis brace rod ends, Set	1
89209	3x18mm fhcs	10
89238	FT aluminum chassis brace (front)	1
89239	FT aluminum chassis brace (rear)	1
89258	RC8 chassis braces, plastic - Kit (front, rear)	1



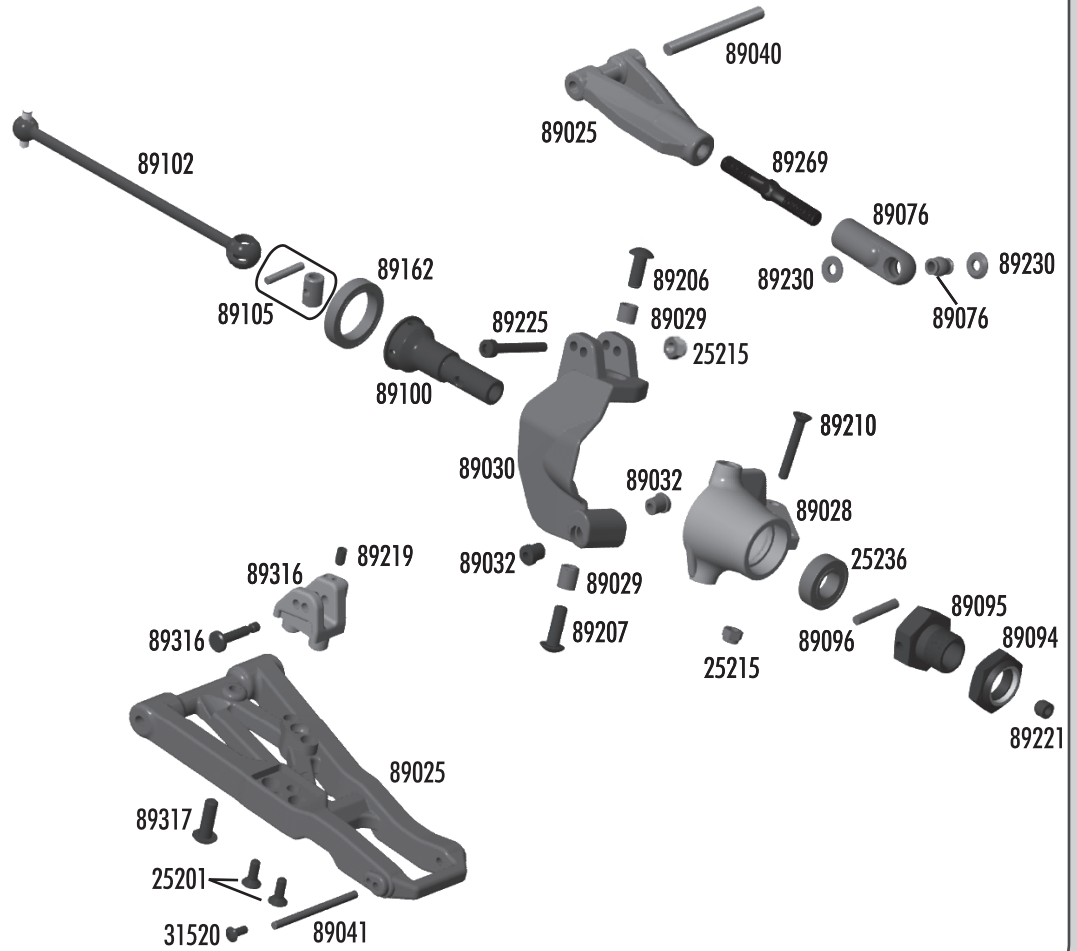
**:: Front Gearbox**

25215	M3 locknut	20
25236	8x16x5 bearing	2
31531	3x6mm bhcs	10
89017	FR/RR gearbox	1
89039	Hinge pin bushings, Set	1
89114	Diff pinion gear	1
89214	4x12mm fhcs	10
89217	4x14mm fhcs	10
89219	3x5mm setscrew	10
89224	3x16mm shcs	10
89227	3x28mm shcs	10
89230	Silver cone washer	10
89279	3x45mm shcs	10
89460	RC8 aluminum A-plate	1
89461	RC8 aluminum B-plate w/pins, Set	1
89466	RC8B inner hinge pins, 4mm-HMA	1
89472	RC8B front bulkhead spacer	1
89474	3x22mm fhcs	10



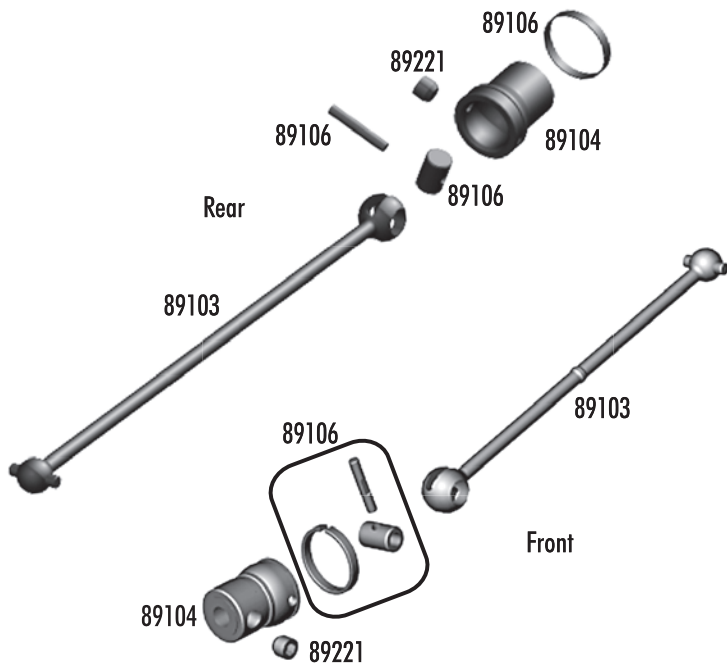
**:: Front Suspension**

25201	3x8mm fhcs	20
25215	M3 locknut	20
25236	8x16x5 bearing	2
31520	2.5x6mm bhcs	6
89025	RC8 front arms	Pr.
89028	RC8 steering blocks	Pr.
89029	Steering block bushings, Set	1
89030	RC8 caster blocks	Pr.
89032	Caster angle bushings, Set	1
89040	RC8 inner hinge pins, Set	1
89041	RC8 outer hinge pins, Set	1
89076	RC8 camber rod ends, Set	1
89094	Nyloc wheel hex nuts (blue)	4
89095	RC8 wheel hex (aluminum)	Pr.
89096	RC8 wheel hex pins	4
89100	RC8 front cva axle	2
89102	RC8 front / rear cva bone	2
89105	RC8 cva rebuild FR/RR	1
89162	15x21x4 bearing	2
89206	4x10mm bhcs	10
89207	4x12mm bhcs	10
89210	3x20mm fhcs	10
89219	3x5mm setscrew	10
89221	5x4mm setscrew	10
89225	3x24mm shcs	10
89230	Silver cone washer	10
89316	RC8T shock riser w/pins, Set	1
89317	RC8T droop screws	8



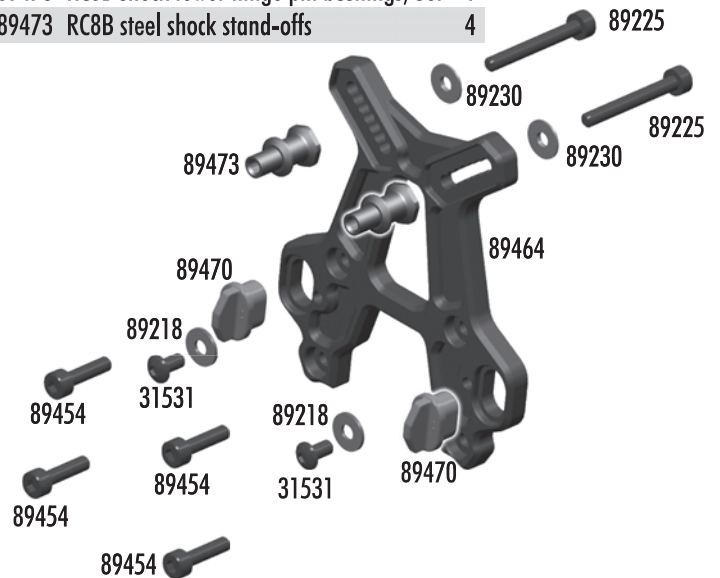
**:: Center CVA's**

89103	RC8 center cva bone	2
89104	RC8 cva input cup	2
89106	RC8 center cva rebuild, Set	1
89221	5x4mm setscrew	10



**:: Front Shock Tower**

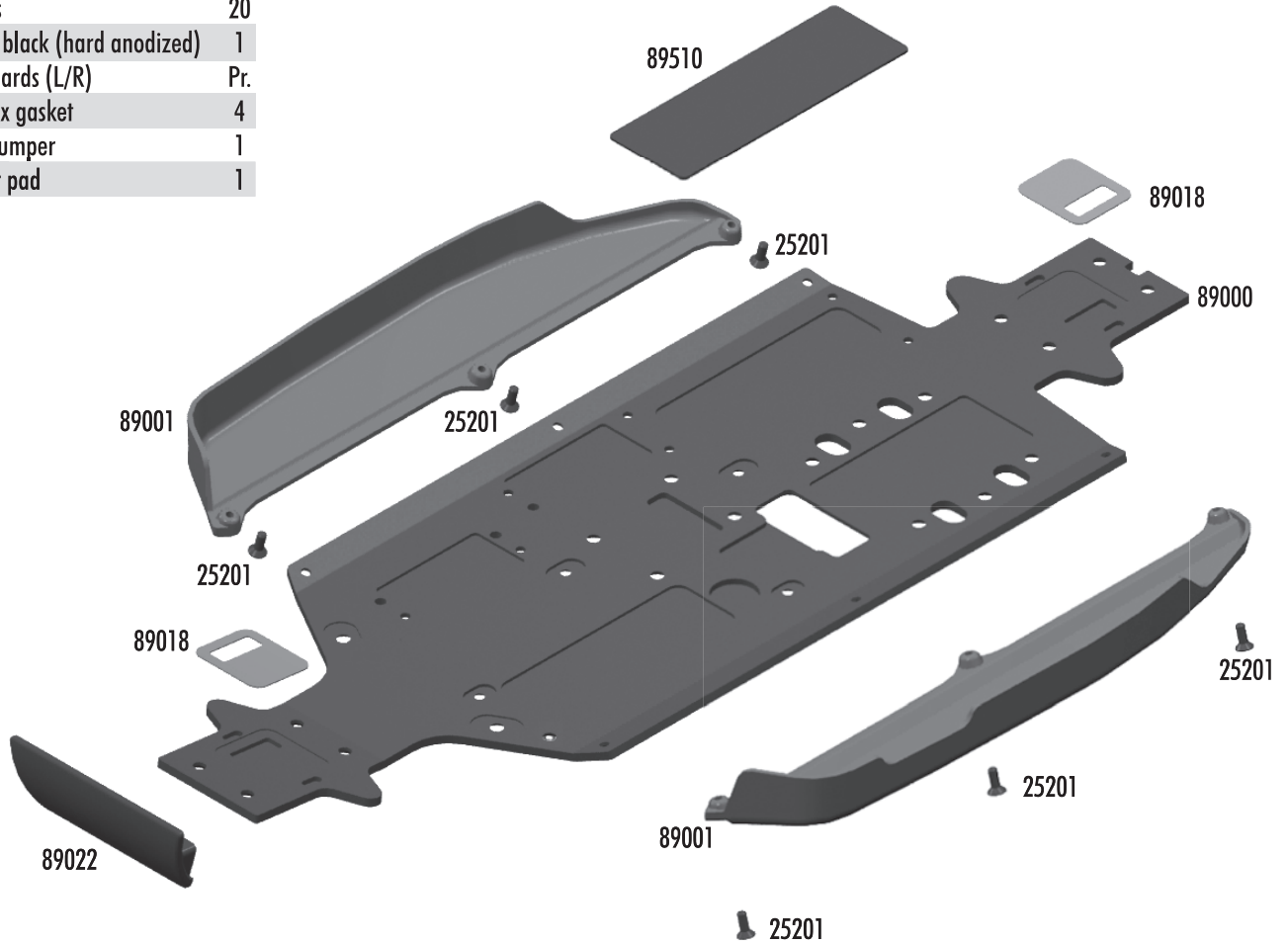
31531	3x6mm bhcs	6
89218	3x8mm washer	10
89225	3x24mm shcs	10
89230	silver cone washer	10
89454	3x12mm shcs	10
89464	RC8B aluminum front shock tower	1
89470	RC8B shock tower hinge pin bushings, Set	1
89473	RC8B steel shock stand-offs	4





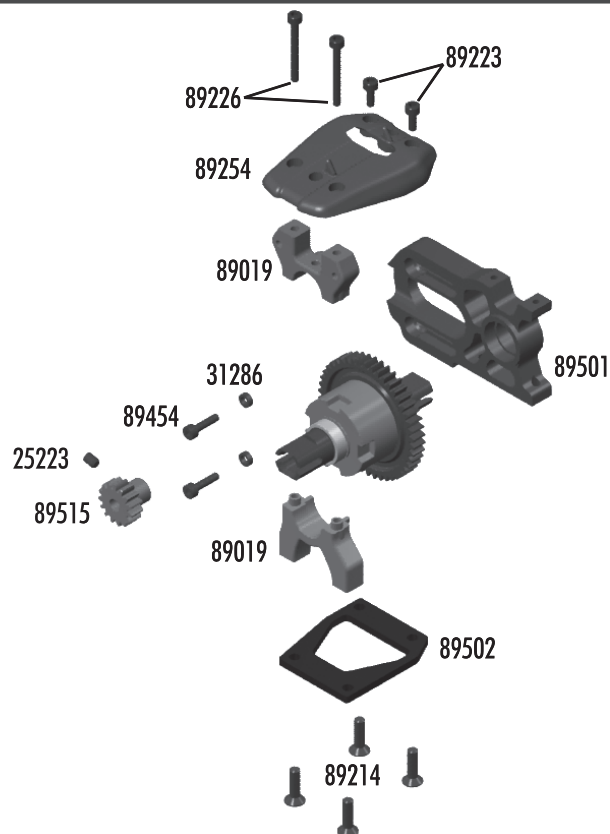
**:: Chassis**

25201	3x8mm fhcs	20
89000	RC8 chassis black (hard anodized)	1
89001	RC8 side guards (L/R)	Pr.
89018	RC8 gearbox gasket	4
89022	RC8 front bumper	1
89510	RC8e motor pad	1



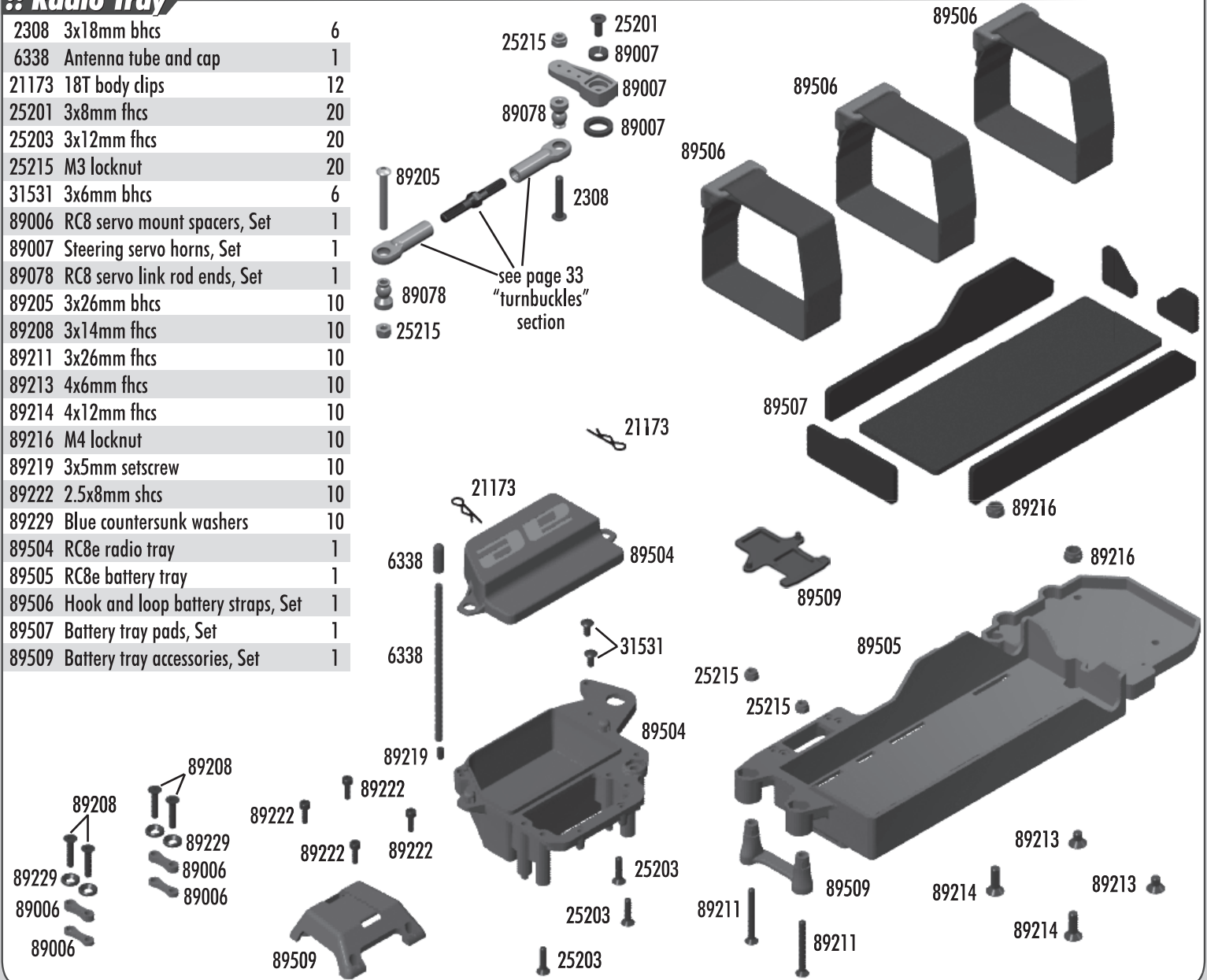
**:: Center Bulkhead**

25223	4x3mm setscrew	20
31286	Aluminum ballstud washer, Set	1
89019	RC8 center bulkhead, Set	1
89214	4x12mm fhcs	10
89223	3x8mm shcs	10
89226	3x26mm shcs	10
89254	Center top plate	1
89454	3x12mm shcs	10
89501	RC8 e motor mount / bulkhead	1
89502	RC8 e center diff riser	1
89512	RC8 e 12t pinion	1
89513	RC8 e 13t pinion	1
89514	RC8 e 14t pinion	1
89515	RC8 e 15t pinion - Kit	1
89516	RC8 e 16t pinion	1
89517	RC8 e 17t pinion	1



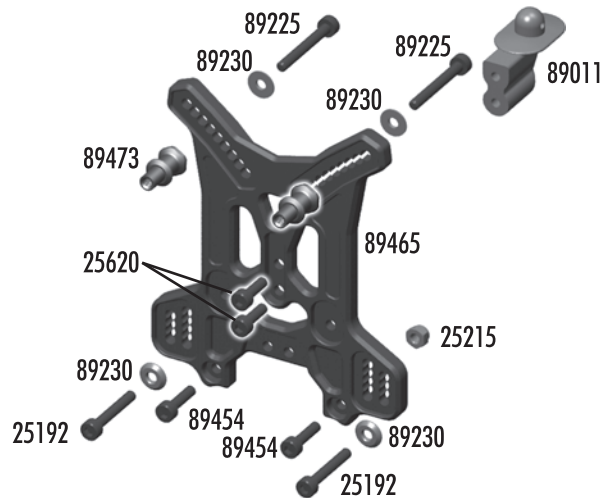
**:: Radio Tray**

2308	3x18mm bhcs	6
6338	Antenna tube and cap	1
21173	18T body clips	12
25201	3x8mm fhcs	20
25203	3x12mm fhcs	20
25215	M3 locknut	20
31531	3x6mm bhcs	6
89006	RC8 servo mount spacers, Set	1
89007	Steering servo horns, Set	1
89078	RC8 servo link rod ends, Set	1
89205	3x26mm bhcs	10
89208	3x14mm fhcs	10
89211	3x26mm fhcs	10
89213	4x6mm fhcs	10
89214	4x12mm fhcs	10
89216	M4 locknut	10
89219	3x5mm setscrew	10
89222	2.5x8mm shcs	10
89229	Blue countersunk washers	10
89504	RC8e radio tray	1
89505	RC8e battery tray	1
89506	Hook and loop battery straps, Set	1
89507	Battery tray pads, Set	1
89509	Battery tray accessories, Set	1



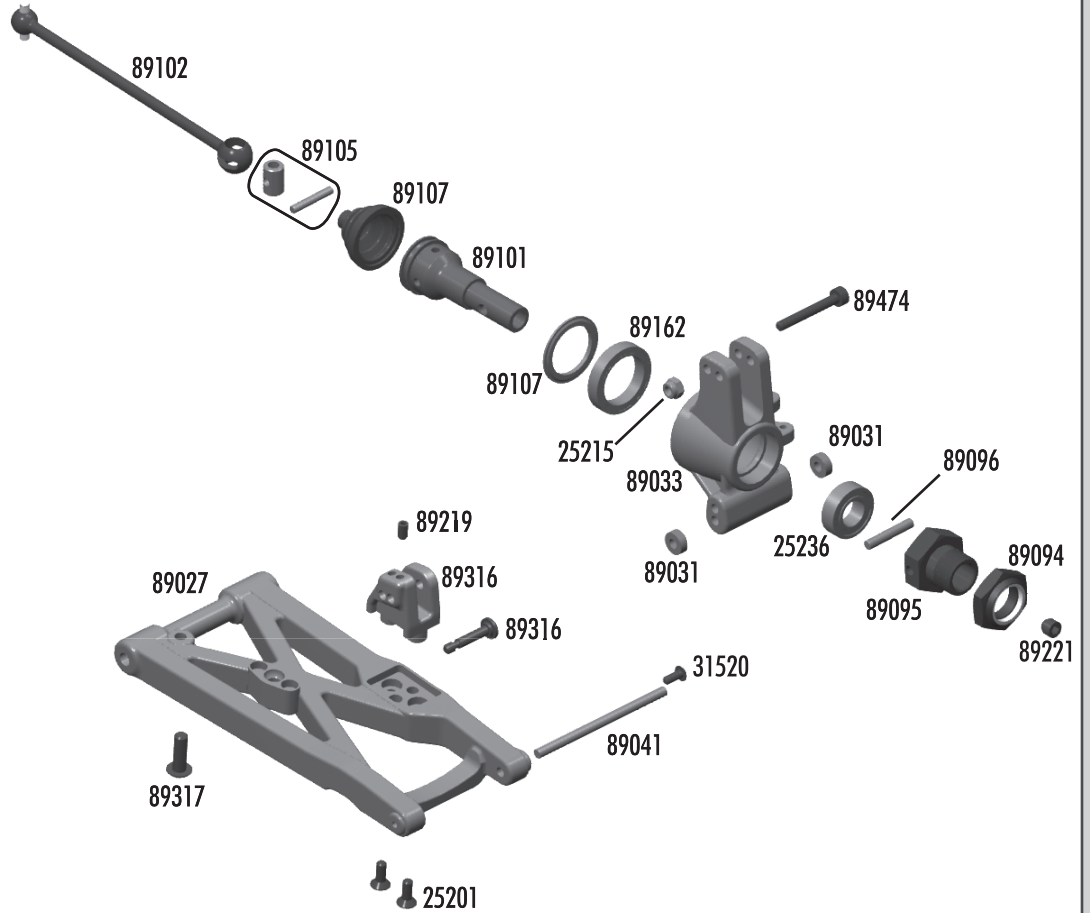
**:: Rear Shock Tower**

25192	3x20mm shcs	20
25215	M3 locknut	20
25620	3x10mm shcs	20
89011	RC8 body mounts, Set	1
89225	3x24mm shcs	10
89230	Silver cone washer	10
89454	3x12mm shcs	10
89465	RC8B aluminum rear shock tower	1
89473	RC8 steel shock standoffs	4



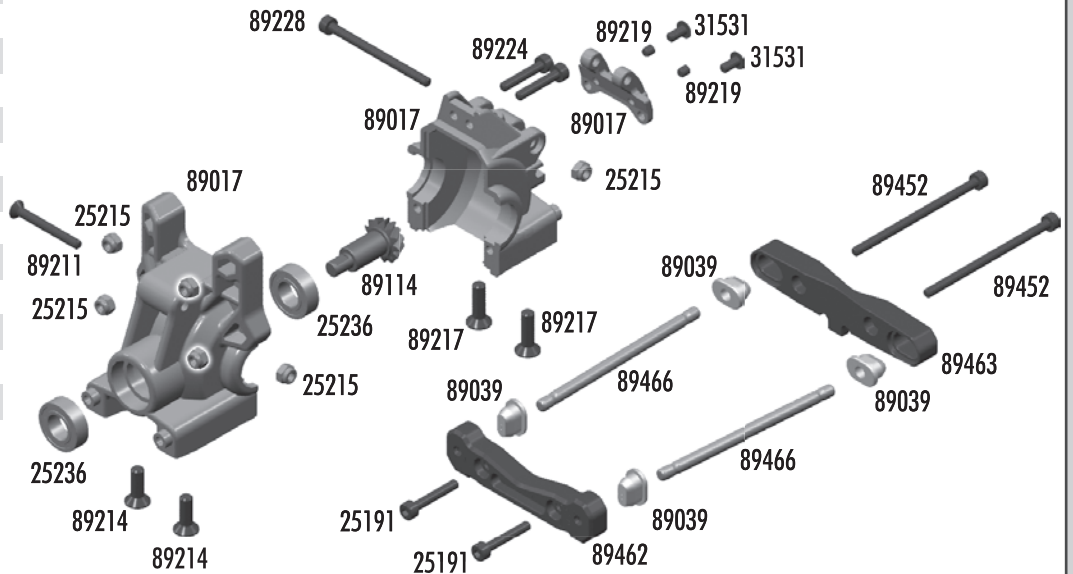
**:: Rear Suspension**

25201	3x8mm fhcs	20
25215	M3 locknut	20
25236	8x16x5 bearings	2
31520	2.5x6mm bhcs	6
89027	RC8 rear lower arms	Pr.
89031	RC8 caster / hub spacers, Set	1
89033	RC8 hub carriers	Pr.
89041	RC8 outer hinge pins, Set	1
89094	Nyloc wheel hex nuts (blue)	4
89095	RC8 wheel hex (aluminum)	Pr.
89096	RC8 wheel hex pins	4
89101	RC8 rear cva axle	2
89102	RC8 front / rear cva bone	2
89105	RC8 cva rebuild FR/RR	1
89107	RC8 rear cva shield / boot, Set	1
89162	15x21x4 bearing	2
89219	3x5mm setscrew	10
89221	5x4mm setscrew	10
89316	RC8T shock riser w/ pins, Set	1
89317	RC8T droop screws	8
89474	3x22mm shcs	10



**:: Rear Gearbox**

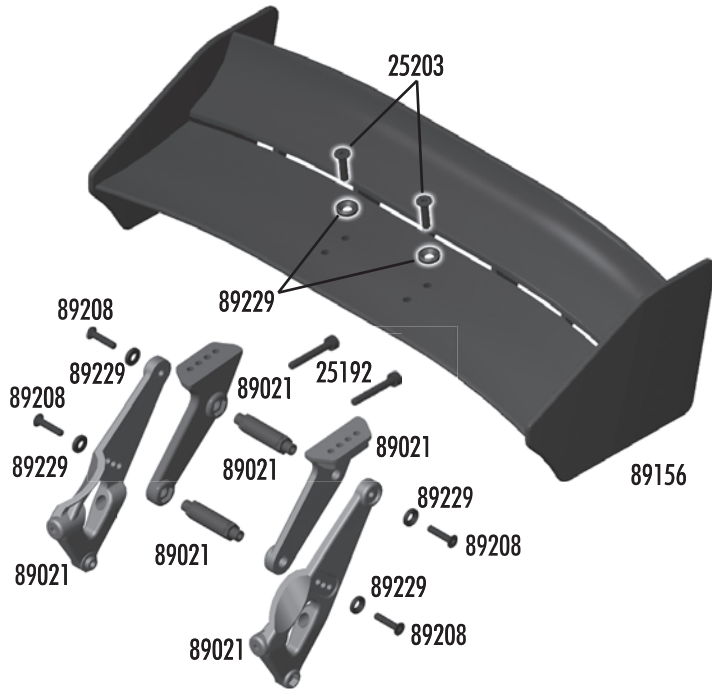
25191	3x18mm shcs	20
25215	M3 locknut	20
25236	8x16x5 bearing	2
31531	3x6mm bhcs	6
89017	RC8 FR/RR gearbox, Set	1
89039	RC8 hinge pin bushings, Set	1
89114	RC8 diff pinion gear	1
89211	3x26mm fhcs	10
89214	4x12mm fhcs	10
89217	4x14mm fhcs	10
89219	3x5mm setscrew	10
89228	3x40mm shcs	10
89452	3x50mm shcs	10
89462	RC8 aluminum C - plate	1
89463	RC8 aluminum D - plate w/pins, Set	1
89466	RC8B inner hinge pins, 4mm HMA, Set	1





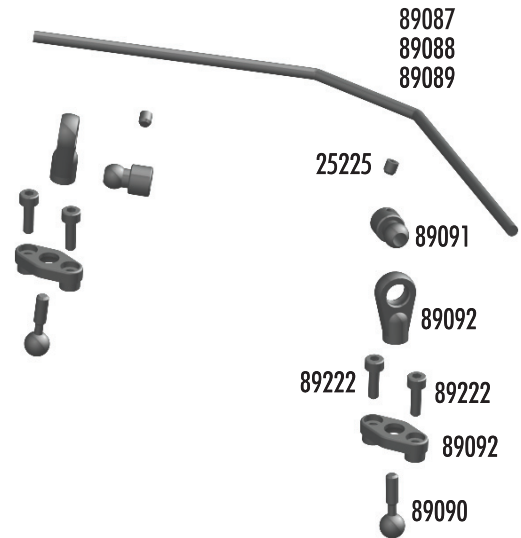
**:: Wing**

25192	3x20mm fhcs	20
25203	3x12mm fhcs	10
25215	M3 locknut	20
89021	Wing mount, includes mounts, angle plates, and standoffs	1
89154	Wing (white)	1
89155	Wing (yellow)	1
89156	Wing (black) - Kit	1
89229	Blue countersunk washer	10



**:: SwayBars**

25225	3x3mm setscrew	20
89086	Swaybar set	1
89087	Swaybar 2.2mm - black	1
89088	Swaybar 2.5mm - silver (kit)	1
89089	Swaybar 2.8mm - gold (kit)	1
89090	Swaybar ball joint	4
89091	Swaybar socket joint, Set	1
89092	Swaybar pivot retainers/eyelets, Set	1
89093	Swaybar 3.0mm - black	1
89222	2.5x8mm SHCS	10

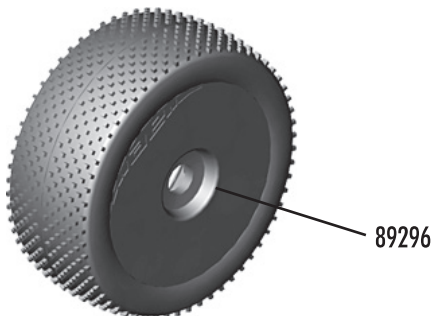


**:: Wheels / Tires**

89152	RC8 wheels (white)	4
89153	RC8 wheels (yellow)	4
89255	RTR Pre-glued wheel / tire, Set	1
89296	RC8 83mm wheels (white) - Kit	4
89297	RC8 83mm wheels (yellow)	4

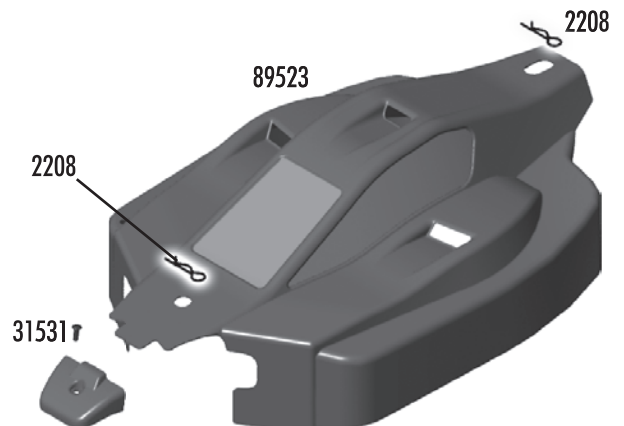
**note:**  
Included in this kit are a complete set of Pro-Line Holeshot tires with inserts!

Check out [www.prolineracing.com](http://www.prolineracing.com) for their full line of 1/8 scale replacement tires!






**:: Body / Decals**

1737	FT body scissors	1
2208	Large hood pins	6
31531	3x6mm bhcs	6
89150	RC8 body w/ window mask (clear)	1
89275	RC8 RTR body (black)	1
89276	RC8 RTR body (white)	1
89277	RC8 RTR body wrap decals	1
89475	RC8B decal sheet	1
89523	RC8e body w/ window masks (clear) - Kit	1



**:: FT and Option Parts**

25392	3mm blue locknut, flanged	1	
89068	RC8 pivot chassis brace set (front)	1	
89069	RC8 pivot chassis brace set (rear)	1	
89236	Black aluminum top plate (FT)	1	89286
89237	RC8 skid plate	1	
89238	FT aluminum chassis brace (front)	1	
89239	FT aluminum chassis brace (rear)	1	
89284	RC8 rear stub axle (aluminum)	2	89285
89285	RC8 front stub axle (aluminum)	2	
89286	RC8 gearbox input cup (aluminum)	2	
89380	RC8 FT machined steering blocks	Pr.	
89381	RC8 FT machined rear hubs	Pr.	
89405	Nyloc wheel nuts (silver)	4	
89406	Nyloc wheel nuts (black)	4	
89460	RC8 aluminum A-plate	1	
89461	RC8 aluminum B-plate w/pins, Set	1	
89462	RC8 aluminum C-plate	1	
89463	RC8 aluminum D-plate w/pins, Set	1	
89464	RC8B aluminum front shock tower	1	
89465	RC8B aluminum rear shock tower	1	
89466	RC8B inner hinge pins, 4mm HMA, Set	1	
89470	RC8B shock tower hinge pin bushings, Set	1	

**:: XP Electronics**

29126	S2008MG high torque servo, metal gear	1
29155	XP3D FM Radio System 27MHz	1
29156	XP3D FM Radio System 75MHz	1
29158	XP3D transmitter only	1
29160	Transmitter RF module, AM 27MHZ	1
29161	Transmitter RF module, FM 27MHZ	1
29162	Transmitter RF module, FM 75MHZ	1
29164	Receiver, FM 27MHZ 3ch, TR301F	1
29165	Receiver, FM 75MHZ 3ch, TR301F	1
29166	DS1313 performance digital servo	1
29167	DS1015 hi-torque/hi-speed digital servo	1
29170	FM TX + RX crystal set, 26.995 Ch 1	1
29171	FM TX + RX crystal set, 27.045 Ch 2	1
29172	FM TX + RX crystal set, 27.095 Ch 3	1
29173	FM TX + RX crystal set, 27.145 Ch 4	1
29174	FM TX + RX crystal set, 27.195 Ch 5	1
29175	FM TX + RX crystal set, 27.255 Ch 6	1
29176	FM TX + RX crystal set, 75.410 Ch 61	1
29178	FM TX + RX crystal set, 75.450 Ch 63	1
29187	FM TX + RX crystal set, 75.630 Ch 72	1
29189	FM TX + RX crystal set, 75.670 Ch 74	1
29200	FM TX + RX crystal set, 75.890 Ch 85	1
29202	FM TX + RX crystal set, 75.930 Ch 87	1
29209	Gear set, DS1313 digital servo	1
29210	Gear set, DS1015 digital servo	1
29211	Servo case, DS1313/DS1015	1
29212	Accessory pack	1
29221	XP3SS 2.4GHz Radio System	1
29222	TRS401SS 2.4GHz 4Ch Receiver	1

**:: Reedy Batteries**

302	AA Alkaline 1.5V (4)	1
303	AA 2700mAh NiMH 1.2V Rechargeable (4)	1
632	TX Lightweight Battery 1350mAh 11.1V	1
633	TX Battery - 3PK, M11 3000mAh 11.1V	1
634	TX Battery - Helios, Z1 2400mAh 11.1V	1
637	TX Battery - M11X 2500mAh 7.4V	1
685	LiPo 40C + 5000mAh 7.4V	1
703	LiPo 5000mAh Pro 7.4V 20C	1
704	LiPo 5000mAh 7.4V 20Cw/TAM connector	1
709	LiPo 5000mAh 7.4V 35C ROAR Spec	1
711	LiPo 4900mAh 7.4V 35C EFRA Spec	1
713	LiPo 2400mAh 7.4V 20C Stick	1
714	LiPo 3400mAh 7.4V 25C Stick	1
720	LiPo 5000mAh 14.8V 40C	1
721	LiPo 3100mAh 22.2V 40C	1
722	LiPo 3800mAh 18.5V 40C	1
723	LiFe 4000mAh 6.6V 30C	1

**:: Reedy Accessories**

654	4.0mm plugs (2M, 2F)	1
655	4.0mm plugs (2M, 10F)	1
656	4.0mm plugs (10F)	1
657	4.0mm plugs (100F)	1
658	4.0mm plugs (10M)	1
659	4.0mm plugs (30M)	1

**:: Tools**

1449	Offroad ride height gauge	1
1541	FT hex driver set (7pcs)	1
1542	FT .050" silver hex driver	1
1543	FT 1/16" black hex driver	1
1544	FT 1.5mm purple hex driver	1
1545	FT 5/64" blue hex driver	1
1546	FT 3/32" gold hex driver	1
1547	FT 2.5mm green hex driver	1
1548	FT 3mm red hex driver	1
1551	FT screwdrivers (2pcs)	1
1553	FT Phillips Silver Screwdriver	1
1554	FT spring hook	1
1561	Full set of FT nut drivers (6pcs)	1
1562	FT 3/16" black nut driver	1
1563	FT 1/4" red nut driver	1
1564	FT 5.5mm purple nut driver	1
1565	FT 11/32" green nut driver	1
1566	FT 7mm silver nut driver	1
1567	FT 8mm gold nut driver	1
1589	FT 5/64" blue ball hex driver	1
1590	FT 3/32" gold ball hex driver	1
1592	Full set of FT ball hex drivers (3pcs)	1
3718	12 Inch Nylon Wire Ties	12
3719	6 Inch Nylon Wire Ties	12
3720	8 Inch Nylon Wire Ties	12
7709	4 Inch Nylon Wire Ties	12
89240	FT Turnbuckle Wrench	1



**:: LRP Chargers, Power Supply, Balancer**

LRP41370	Concept Battery Conditioner	1
LRP41555	Pulsar Touch	1
LRP43150	Power Supply Comp.	1
LRP45200	LiPo Parallel Balancer	1
LRP65800	High Power Solder Station	1
LRP65802	Soldering Tip 5mm	1
LRP65803	Soldering Tip 1.2mm	1
LRP65804	Soldering Handle	1

**:: LRP Brushless Motors and ESC**

LRP50910	Vector 8 2500Kv Brushless Motor	1
LRP50920	Vector 8 2800Kv Brushless Motor	1
LRP80692	SPX8 / Vector 8 2500Kv Combo	1
LRP80693	SPX8 / Vector 8 2800Kv Combo	1
LRP80780	SPX8 Comp. ESC	1

**:: LRP 1/8th Scale Tires**

LRP65511SS	Kamikaze Super Soft, Set	1
LRP65511S	Kamikaze Soft, Set	1
LRP65513SS	Suicide Super Soft, Set	1
LRP65513S	Suicide Soft, Set	1

**:: LRP Misc. Items**

LRP82505	Sphere Wire Set	1
LRP50622	X-12 Small Parts Set	1
LRP50623	X-12 PreciSensor Unit	1
LRP80135	BEC Stabilizing Capacitor	1
LRP819307	70mm High Flex Sensor Wire	1
LRP819310	100mm High Flex Sensor Wire	1
LRP819325	150mm High Flex Sensor Wire	1
LRP819320	200mm High Flex Sensor Wire	1

**:: 1/18 Kits and RTR's**

20100	RC18T RTR (ready-to-run)	1
20101	RC18T2 2.4ghz RTR (ready-to-run)	1
20103	RC18B2 - RC18T2 Team Kit	1
20105	RC18B RTR (ready-to-run)	1
20106	RC18B2 2.4ghz RTR (ready-to-run)	1
20110	RC18MT RTR (ready-to-run)	1
20115	RC18R Kamino RTR (ready-to-run)	1
20118	RC18R Niteline RTR (ready-to-run)	1
20120	SC18 RTR (ready-to-run)	1
20130	RC18LM RTR (ready-to-run)	1

**:: 1/12, 1/10 Kits and RTR's**

2033	FT Nitro TC3 Kit	1
2042	Nitro TC3 RTR Plus (ready-to-run)	1
4019	FT 12R5.1 Kit	1
7020	RC10T4 Team Truck Kit	1
7022	FT RC10T4 Team Truck Kit	1
7027	SC10 2WD Short Course Race Truck Kit	1
7029	SC10 Associated/RC10.com Race Truck RTR (ready-to-run)	1
7030	SC10 KMC Wheels Race Truck RTR (ready-to-run)	1
7036	RC10T4.1 RTR 2.4GHz Brushed (ready-to-run)	1
7037	RC10T4.1 RTR 2.4GHz Brushless (ready-to-run)	1
7040	SC10 RTR, 2.4ghz Brushless Lucas Oil Body	1
7041	SC10 RTR, 2.4ghz Brushless Speed Tech	1

**:: 1/12, 1/10 Kits and RTR's (cont.)**

7043	SC10 RTR, 2.4ghz Brushless Pro Comp Body	1
7044	SC10 RTR, 2.4ghz Brushless Rockstar Body	1
7080	FT GT2 Nitro Truck Kit	1
7092	GT2 RS Truck Nitro RTR (ready-to-run)	1
8020	FT RC10R5 Kit	1
8021	FT RC10R5-OVAL Kit	1
9034	RC10B4 Buggy Kit	1
9035	FT RC10B4 Buggy Kit	1
9038	RC10B4.1 RTR 2.4GHz Brushed (ready-to-run)	1
9039	RC10B4.1 RTR 2.4GHz Brushless (ready-to-run)	1
9060	FT B44 4WD Buggy Kit	1
20515	MGT 3.0 Nitro Monster Truck RTR (ready-to-run)	1
30105	FT TC5R Rubber Tire Edition 4WD Touring Car Kit	1
30111	TC4 4WD Touring Car RTR (ready-to-run)	1

**:: 1/8 Kits and RTR's**

20503	Limited Edition MGT 4.60 Nitro RTR, with flag body (ready-to-run)	1
20504	Limited Edition MGT 8.0 Nitro RTR, with flag body (ready-to-run)	1
80901	RC8e 4WD Electric Buggy Kit	1
80901-25	RC8e / SPX8 / Vector 8 2500Kv Combo	1
80901-28	RC8e / SPX8 / Vector 8 2800Kv Combo	1
80902	FT RC8B Nitro Buggy Kit	1
80904	FT RC8Be Electric Buggy Kit	1
80905	RC8RS "Race Spec" Nitro Buggy RTR (ready-to-run)	1
80911	RC8Te 4WD Electric Tuggy Kit	1
80911-25	RC8Te / SPX8 / Vector 8 2500Kv Combo	1
80911-28	RC8Te / SPX8 / Vector 8 2800Kv Combo	1
80912	RC8T Championship Edition	1
80915	RC8T-RS "Race Spec" Nitro Truggy RTR (ready-to-run)	1
80920	SC8 Short Course Race Truck, Red Bull Nitro RTR (ready-to-run)	1
80921	SC8 Short Course Race Truck, Lucas Oil Nitro RTR (ready-to-run)	1
80922	SC8 Short Course Race Truck, KMC Wheels Nitro RTR (ready-to-run)	1
80923	SC8 Short Course Race Truck, Bully Dog Nitro RTR (ready-to-run)	1
80924	SC8 Short Course Race Truck, AE Team Nitro RTR (ready-to-run)	1
80925	SC8 Short Course Race Truck, Pro Comp Nitro RTR (ready-to-run)	1
80931	SC8e 4WD Electric Short Course Race Truck, Kit	1
80931-25	SC8e / SPX8 / Vector 8 2500Kv Combo	1
80931-28	SC8e / SPX8 / Vector 8 2800Kv Combo	1

Check out the following web sites for all our electric kits, current products, new releases, setup help, tips, and racing information!

[www.TeamAssociated.com](http://www.TeamAssociated.com)  
[www.RC10.com](http://www.RC10.com)



**:: Apparel**

SP35**	Reedy 09' White T-Shirt (M, L, XL, XXL, XXXL)	1
SP36**	Reedy 09' Black T-Shirt (M, L, XL, XXL, XXXL)	1
SP58**	AE Logo Black T-Shirt (M, L, XL, XXL)	1
SP59**	AE Logo Blue T-Shirt (M, L, XL, XXL)	1
SP60**	AE Hooded Sweatshirt (S, M, L, XL, XXL)	1
SP61**	AE Vertigo Hooded Sweatshirt (S, M, L, XL, XXL)	1
SP62**	AE Vertigo Long Sleeve T-Shirt (S, M, L, XL, XXL)	1
SP63**	AE Vertigo White T-Shirt (S, M, L, XL, XXL)	1
SP64**	AE Vertigo Blue T-Shirt (S, M, L, XL, XXL)	1
SP65**	AE Vertigo Black T-Shirt (S, M, L, XL, XXL)	1
SP100	1/8 Inner and Outer Boxes Only, Set	1
SP101	1/8 Inner Boxes Only, Set	1
SP102	1/10 Inner and Outer Boxes Only, Set	1
SP103	1/10 Inner Boxes Only, Set	1
SP410**	AE Hats Black (S-M, L-XL, XXL-XXXL)	1
SP415	1/8 Car Carrier Bag Only	1
SP416	1/10 Car Carrier Bag Only	1
SP417	1/10 FT Motor Bag	1
SP418	1/10 FT Car Carrier Bag with Boxes, Set	1
SP420**	AE Pit Gloves (M, L, XL)	Pr.
715	Reedy 2009 Track Banner	1
110684	Team Associated Track Banner	1

\*\* Use part number plus the desired size when ordering!



SP417



SP418



SP410



SP420

SP58,  
SP59

SP415

**:: Legend**

BHCS - Button Head Cap Screw

FHCS - Flat Head Cap Screw

SHCS - Socket Head Cap Screw



Associated Electrics, Inc.  
26021 Commercentre Drive  
Lake Forest, CA 92630-8853

call: (949) 544-7500 - fax: (949) 544-7501

Check out the following web sites for all of our electric kits,  
current products, new releases, setup help, tips, and racing info!  
[www.TeamAssociated.com](http://www.TeamAssociated.com) - [www.RC10.com](http://www.RC10.com)

**:: Notes**

**:: Notes**

A large, empty white rectangular area intended for taking notes, framed by a thin black border.

**:: Driver:** Team Associated **:: Date:** \_\_\_\_\_  
**:: Track:** Standard RC8Be FT Setup  
**:: Event:** \_\_\_\_\_

## Setup Sheet for Team Associated's RC8Be FT

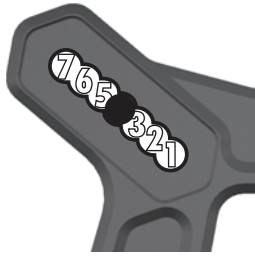
**Rev. 1**

### :: Front Suspension

anti-roll bar:  
 2.2 - black  
 2.5 - silver  
 2.8 - gold

bump-steer washers:  
0  
 out

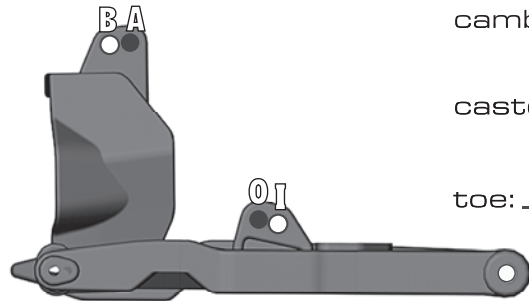
upper hinge pin bushing  
 front # 2 rear # 1  
 up  down  up  down



camber: 2 °

caster: 16 °

toe: 0 °



kickup bushing  
 # 2  
 up  down

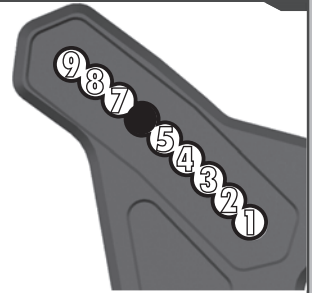
ride height: 29mm

### :: Rear Suspension

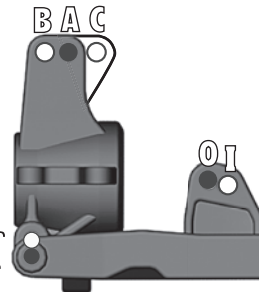
anti-roll bar: wheelbase:  
 2.2 - black  long  
 2.5 - silver  medium  
 2.8 - gold  short

camber: 2 °

toe bushing d-plate:  
 # 1  
 in  out



hub: upper lower  
 ride height: 30mm



squat bushing c-plate:  
 # 2  
 up  down

### :: Front Shocks

spring: bronze piston: 6x1.3mm  
 shock fluid: 25wt. length: 109mm  
 shock cap: aluminum rebound: full

### :: Rear Shocks

spring: black piston: 6x1.3mm  
 shock fluid: 25wt. length: 126mm  
 shock cap: aluminum rebound: full

### :: Chassis Braces / Wheel Hex

chassis braces:  
 pivot  molded  aluminum  
 wheel hex:  
 standard  narrow

### :: Steering Blocks

steering blocks:  
 standard  
 cnc FT knuckles

### :: Rear Hubs

rear hubs:  
 standard  
 cnc FT hubs

### :: Differentials

front fluid: 5R  
 center fluid: 5R  
 rear fluid: 5R

### :: Electronics

motor & wind: \_\_\_\_\_  
 esc: \_\_\_\_\_ setting: \_\_\_\_\_  
 batteries: \_\_\_\_\_  
 radio: \_\_\_\_\_  
 steering expo: \_\_\_\_\_  
 brake e.p.a.: \_\_\_\_\_  
 throttle expo: \_\_\_\_\_  
 servo: \_\_\_\_\_  
 initial brake: \_\_\_\_\_ drag brake: \_\_\_\_\_

### :: Wing

location:  forward  back  
 angle:  low  med.  high  
 type: ae gap: \_\_\_\_\_

### :: Gearing

pinion gear: 15t  
 spur gear: 46t

### :: Tires

tire (F/R): \_\_\_\_\_ / \_\_\_\_\_  
 compound (F/R): \_\_\_\_\_ / \_\_\_\_\_  
 insert: \_\_\_\_\_ wheel: FT 83mm  
 traction additive: \_\_\_\_\_

### :: Race and Vehicle Comments

qualify: \_\_\_\_\_ main: \_\_\_\_\_ finish: \_\_\_\_\_ tq:   
 comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### :: Track Info












smooth:  bumpy:  blue groove:   
 traction:  high  med.  low  
 soft dirt:  grass:  clay:  wet:   
 dusty:  other: \_\_\_\_\_








:: Hardware - 1:1

**flat head (fhcs)**

METRIC

	3x8mm (25201)
	3x10mm (25202)
	3x12mm (25203)
	3x14mm (89208)
	3x18mm (89209)
	3x20mm (89210)
	3x22mm (89455)
	3x26mm (89211)
	4x6mm (89213)
	4x12mm (89214)
	4x14mm (89217)















**ball bearings**

	steering bearing (89161)
	5x10mm (25237)
	6x10mm (31404)
	8x16mm (25236)
	15x21mm (89162)








**Notes:**

**cap head (shcs)**

METRIC














	2.5x8mm (89222)
	3x8mm (89223)
	3x10mm (25620)
	3x12mm (89454)
	3x16mm (89224)
	3x18mm (25191)
	3x20mm (25192)
	3x22mm (89474)
	3x24mm (89225)
	3x26mm (89226)
	3x28mm (89227)
	3x40mm (89228)
	3x45mm (89279)
	3x50mm (89452)

**shims & washers**

	3mm lock washer (89231)
	2.5mm washer (89278)
	blue countersunk washer (89229)
	silver cone washer (89230)
	3x8mm thin washer (89218)
	diff washer (89120)
	diff shim (89117)






**button head (bhcs)**

METRIC

	2.5x3mm (89201)
	2.5x6mm (31520)
	3x6mm (31531)
	3x10mm (25211)
	3x12mm (89202)
	3x14mm (25187)
	3x16mm (89203)
	3x18mm (2308)
	3x20mm (25188)
	3x24mm (89204)
	3x26mm (89205)
	4x10mm (89206)
	4x12mm (89207)

**setscrews**

METRIC

	3x3mm (25225)
	3x5mm (89219)
	4x5mm (25226)
	4x12mm (89220)
	5x4mm (89221)

**:: Driver:** \_\_\_\_\_ **:: Date:** \_\_\_\_\_  
**:: Track:** \_\_\_\_\_  
**:: Event:** \_\_\_\_\_

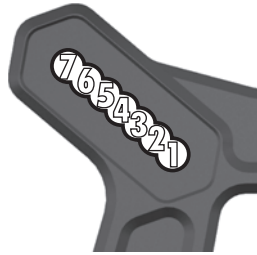
## Setup Sheet for Team Associated's RC8Be FT

**Rev. 1**

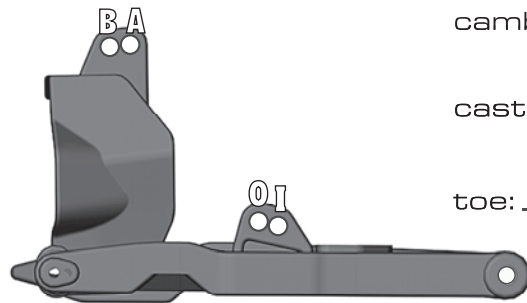
### :: Front Suspension

- anti-roll bar:  
 2.2 - black  
 2.5 - silver  
 2.8 - gold

bump-steer washers:  
 \_\_\_\_\_  
 out



upper hinge pin bushing  
 front # \_\_\_\_\_ rear # \_\_\_\_\_  
 up  down  up  down



camber: \_\_\_\_\_ °

caster: \_\_\_\_\_ °

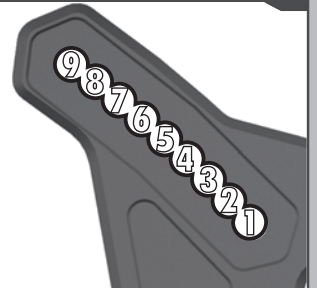
toe: \_\_\_\_\_ °

ride height: \_\_\_\_\_

kickup bushing  
 # \_\_\_\_\_  
 up  down

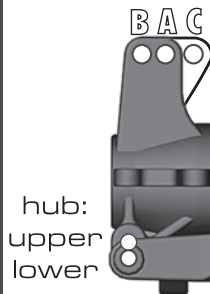
### :: Rear Suspension

- anti-roll bar: wheelbase:  
 2.2 - black  long  
 2.5 - silver  medium  
 2.8 - gold  short



camber: \_\_\_\_\_ °

toe bushing d-plate:  
 # \_\_\_\_\_  
 in  out



hub:  
 upper  
 lower

ride height: \_\_\_\_\_

squat bushing c-plate:  
 # \_\_\_\_\_  
 up  down

### :: Front Shocks

spring: \_\_\_\_\_ piston: \_\_\_\_\_  
 shock fluid: \_\_\_\_\_ length: \_\_\_\_\_  
 shock cap: \_\_\_\_\_ rebound: \_\_\_\_\_

### :: Rear Shocks

spring: \_\_\_\_\_ piston: \_\_\_\_\_  
 shock fluid: \_\_\_\_\_ length: \_\_\_\_\_  
 shock cap: \_\_\_\_\_ rebound: \_\_\_\_\_

### :: Chassis Braces / Wheel Hex

chassis braces:  
 pivot  molded  aluminum  
 wheel hex:  
 standard  narrow

### :: Steering Blocks

steering blocks:  
 standard  
 cnc FT knuckles

### :: Rear Hubs

rear hubs:  
 standard  
 cnc FT hubs

### :: Differentials

front fluid: \_\_\_\_\_  
 center fluid: \_\_\_\_\_  
 rear fluid: \_\_\_\_\_

### :: Electronics

motor & wind: \_\_\_\_\_  
 esc: \_\_\_\_\_ setting: \_\_\_\_\_  
 batteries: \_\_\_\_\_  
 radio: \_\_\_\_\_  
 steering expo: \_\_\_\_\_  
 brake e.p.a. : \_\_\_\_\_  
 throttle expo: \_\_\_\_\_  
 servo: \_\_\_\_\_  
 initial brake: \_\_\_\_\_ drag brake: \_\_\_\_\_

### :: Wing

location:  forward  back  
 angle:  low  med.  high  
 type: \_\_\_\_\_ gap: \_\_\_\_\_

### :: Gearing

pinion gear: \_\_\_\_\_  
 spur gear: \_\_\_\_\_

### :: Tires

tire (F/R): \_\_\_\_\_ / \_\_\_\_\_  
 compound (F/R): \_\_\_\_\_ / \_\_\_\_\_  
 insert: \_\_\_\_\_ wheel: \_\_\_\_\_  
 traction additive: \_\_\_\_\_

### :: Race and Vehicle Comments

qualify: \_\_\_\_\_ main: \_\_\_\_\_ finish: \_\_\_\_\_ tq:   
 comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

### :: Track Info

smooth:  bumpy:  blue groove:   
 traction:  high  med.  low  
 soft dirt:  grass:  clay:  wet:   
 dusty:  other: \_\_\_\_\_  
 \_\_\_\_\_



***Associated Electrics, Inc.***

***26021 Commercentre Dr.***

***Lake Forest, CA 92630 USA***

***<http://www.TeamAssociated.com>***

***<http://www.RC10.com>***

***[http://twitter/Team\\_Associated](http://twitter/Team_Associated)***

***<http://bit.ly/AEonFacebook>***

***call: (949) 544-7500 - fax: (949) 544-7501***

***Check out the following web sites for all of our kits,  
current products, new releases, setup help, tips, and racing info!***

***[www.TeamAssociated.com](http://www.TeamAssociated.com). - [www.RC10.com](http://www.RC10.com)***