



# SC8e

SHORT COURSE



#80932 SC8e RTR Rockstar / Makita

## **BRUSHLESS**

*Ready-To-Run*

1:8 Scale Electric 4WD Off Road Race Truck Manual & Catalog <sup>7/10</sup>

# 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 SC8e RTR. 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 SC8e RTR. 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.

## :: SC8e RTR Features

- Rockstar / Makita replica SC8 body
- Mamba Max Pro ESC with Deans (TM) Ultra plug (works with 3S 11.1V or 4S 14.8V Lipo)
- Neu-Castle 2200 KV motor
- 16mm Big-Bore Molded Shocks with Pre-load Clips
- Functional full roll cage with integral dirt shields
- Upgraded Dual bell-crank steering with reduced bump-steer
- Authentic, scale 1.5mm thick short course truck body
- Black hard-anodized 7075 Alum. Chassis with keyed suspension plates
- 3 mm Aluminum shock towers
- Alloy Steel Turnbuckles
- Caster blocks adjust 14, 16, or 18 degrees with molded inserts
- 10 mm thick arms
- Molded suspension pivot bushings for adjustable pivot height
- 4.30:1 ratio gearboxes
- 3.5mm light CVA drivetrain
- Rear molded CVA boots to keep dirt and mud out of rear joints.
- Functional and realistic front and rear bumpers with mud flaps
- Scale wheels & tires with foam inserts and bead guards.
- 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
- Requires ROAR-approved 3S 11.1 V or 4S 14.8 V LiPo battery pack with Deans (R) Ultra Plug (R) (recommended #720 LiPo 14.8V, 5000 mAh, 40C).
- New sealed receiver box for proper electronics placement
- Receiver, Servo, and battery tray remove from car 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)

## :: Additional

### :: Required Items

Your SC8e RTR Short Course Truck requires the following items to complete your kit:

- AA-Size Batteries for Transmitter (x8) (AE # 302, 303)
- 3S 11.1 V LiPo battery pack with Deans (TM) Ultra plug
- OR-
- 4S 14.8 V LiPo battery pack with Deans (TM) Ultra plug (AE # 720)
- Battery charger (peak detection charger recommended) (AE # LRP41281)

### :: Other helpful Items

- Silicone Shock Fluid (Refer to catalog for complete listings)
- Silicone Diff Fluid (Refer to catalog for complete listings)
- Body Scissors (AE Part # 1737) • Reamer / Hole Punch
- FT Hex Wrench Set (AE Part # 1541) • Hobby Knife
- Needle Nose Pliers • Wire Cutters • Soldering Iron
- Calipers or a Precision Ruler



**These symbols indicate a special note or instructions.**

**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

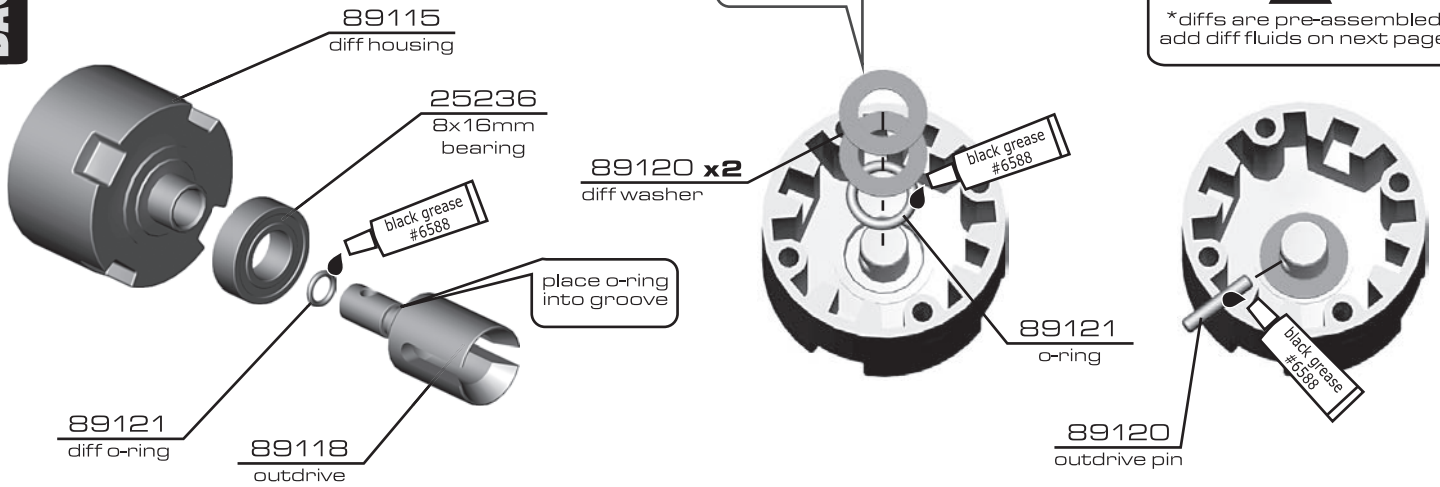


**Customer Service**  
Tel: 949.544.7500  
Fax: 949.544.7501

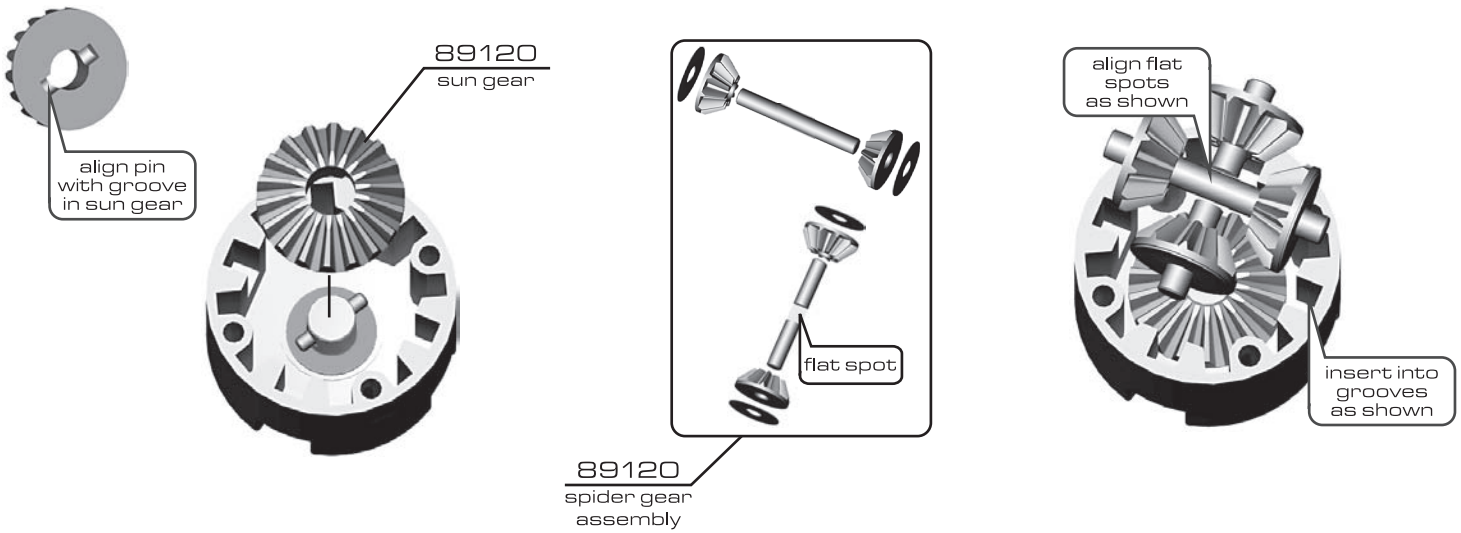
<http://www.TeamAssociated.com> • <http://www.RC10.com> • [http://twitter.com/Team\\_Associated](http://twitter.com/Team_Associated) • <http://bit.ly/AEonFacebook>

**:: Front and Rear Differentials**

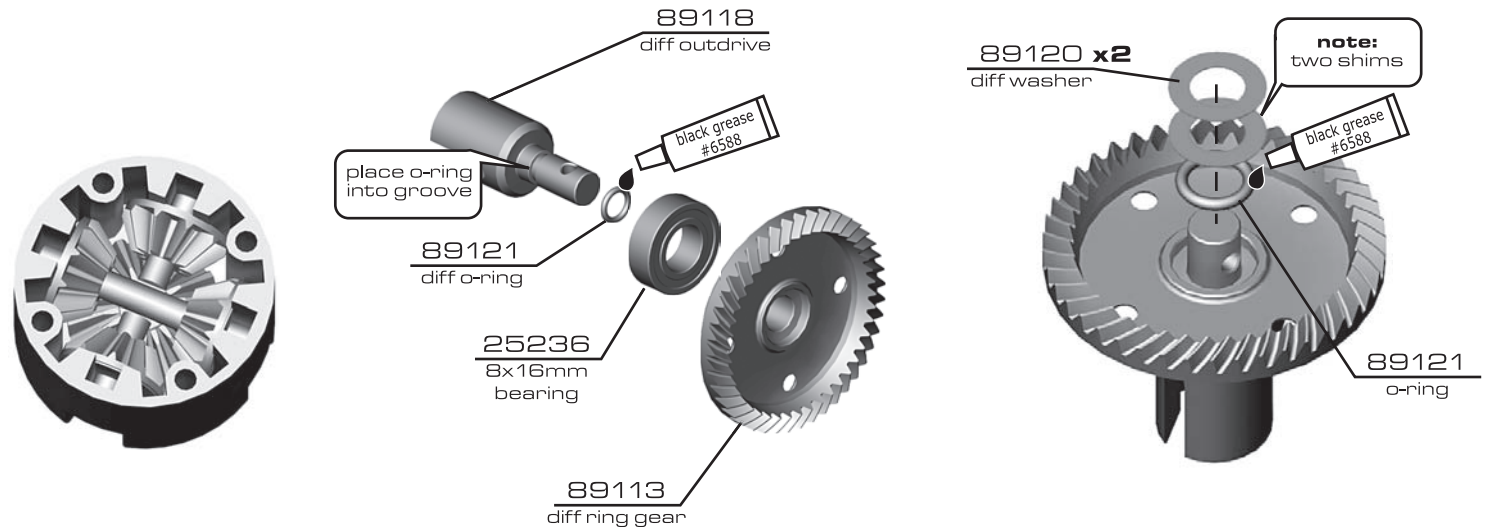
**BAG A**



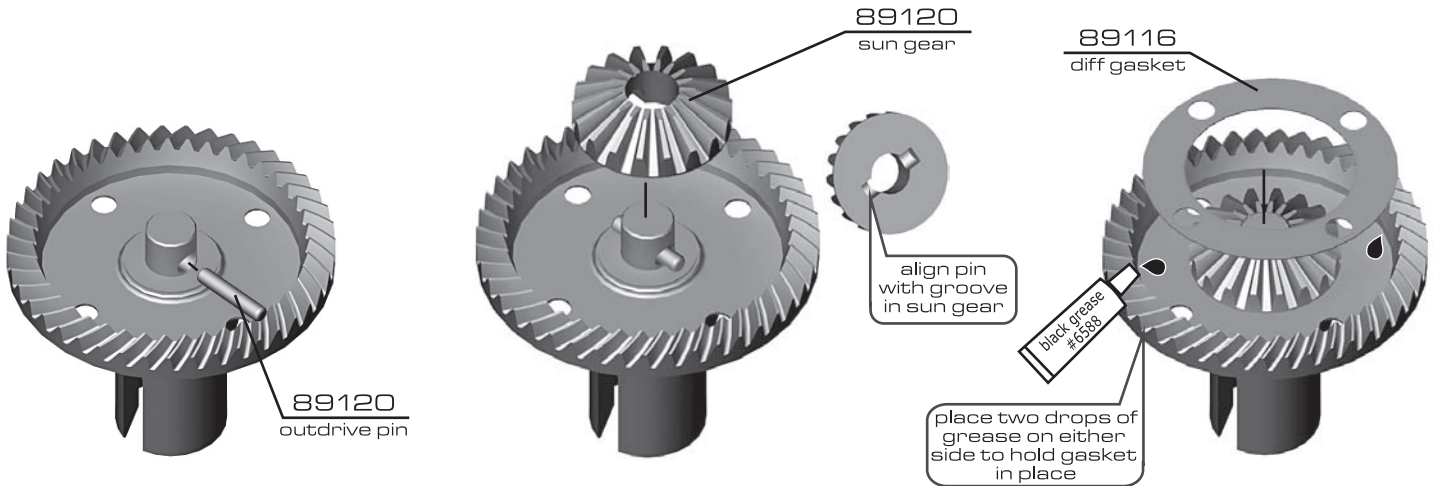
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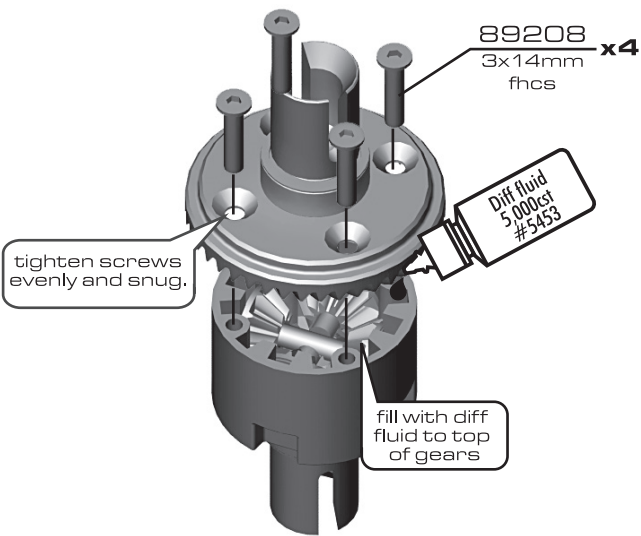
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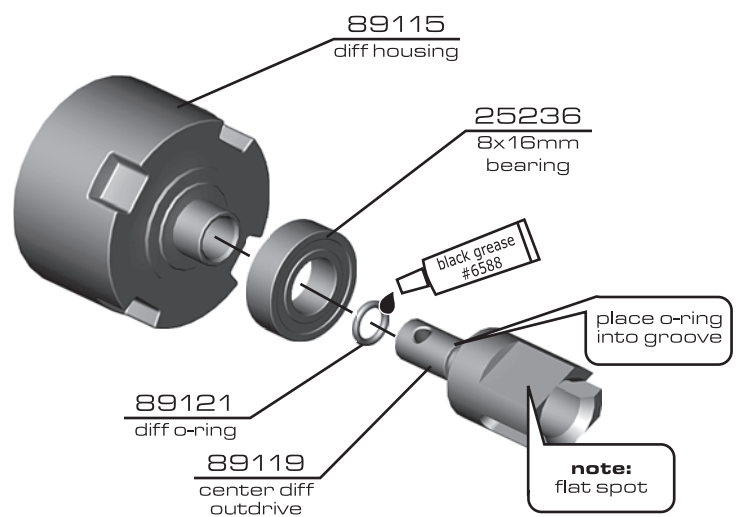
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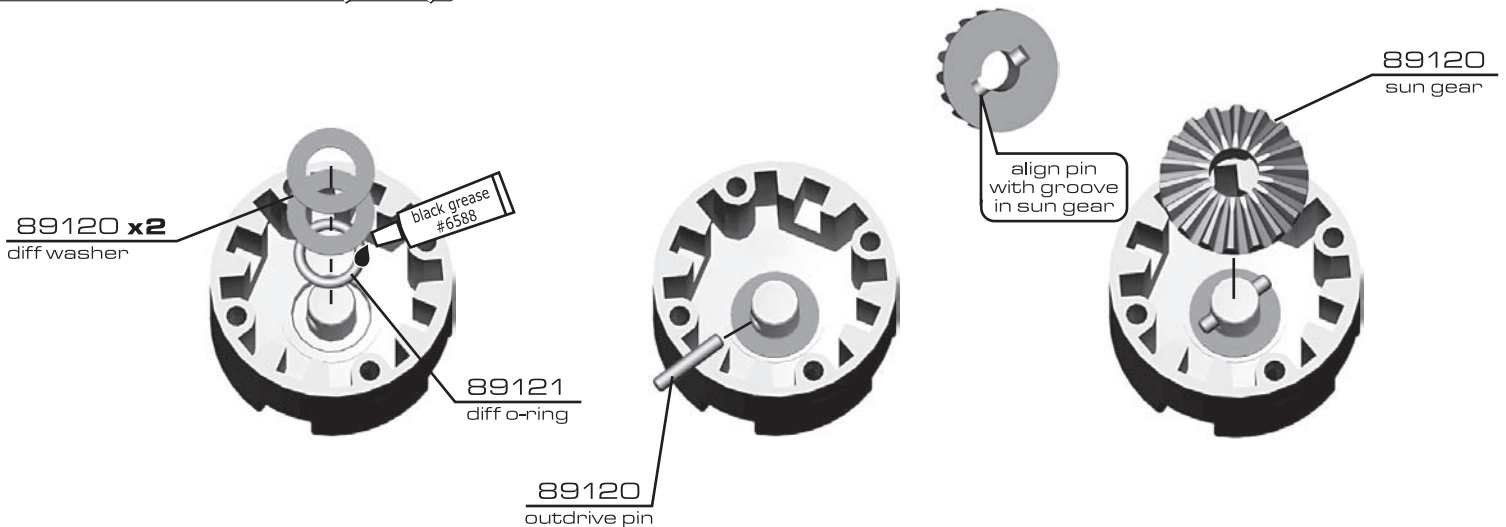
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**:: Center Differential**



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

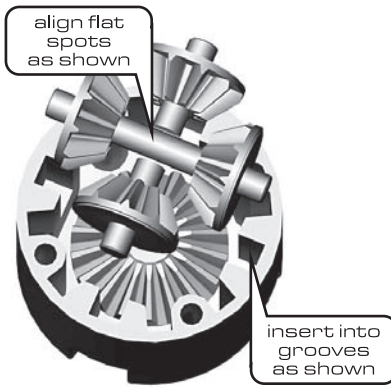




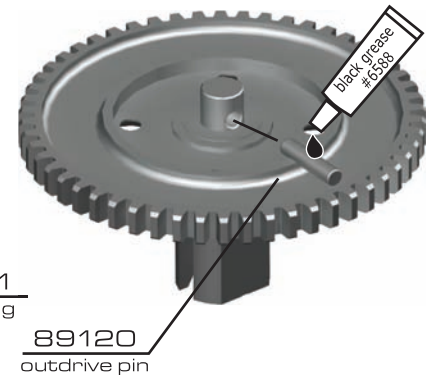
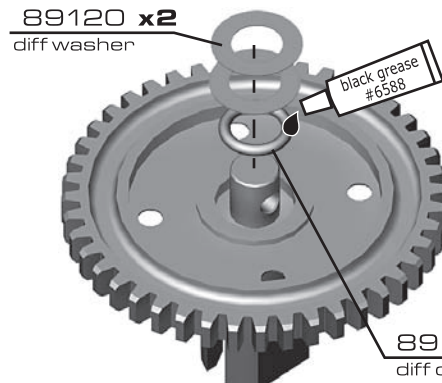
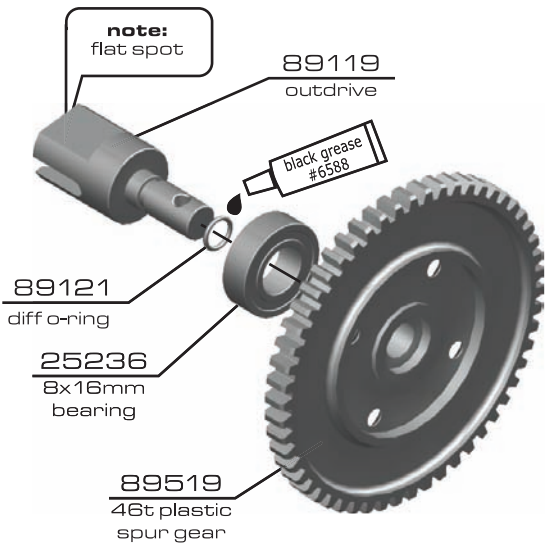
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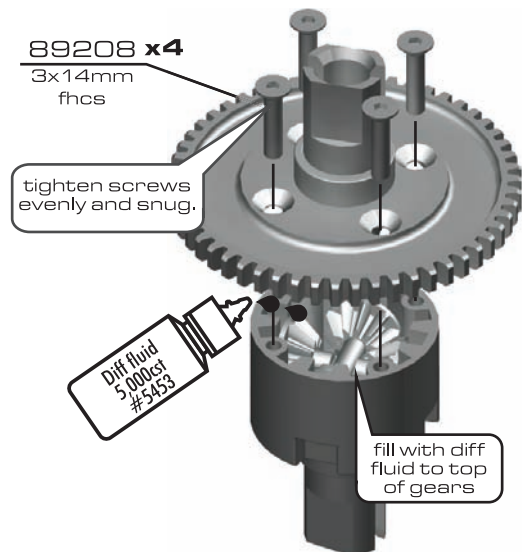
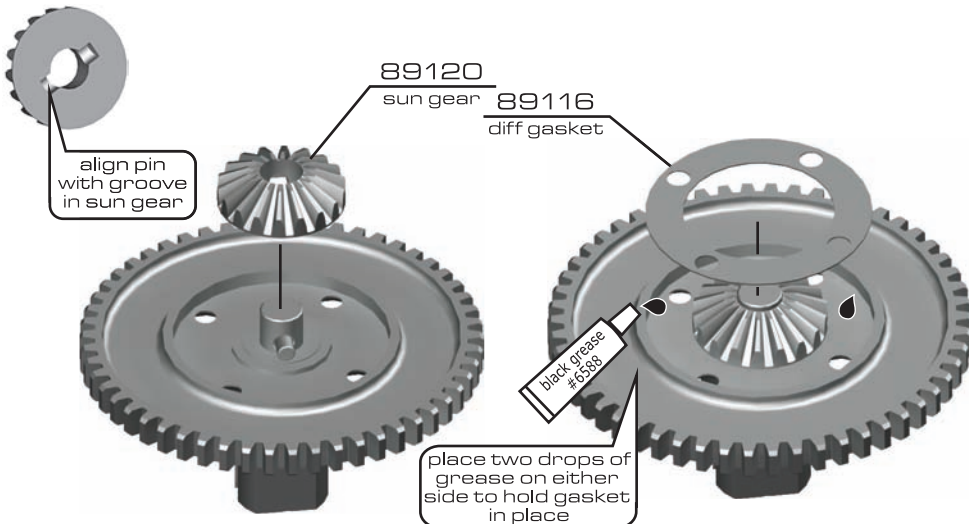
89120 spider gear assembly



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

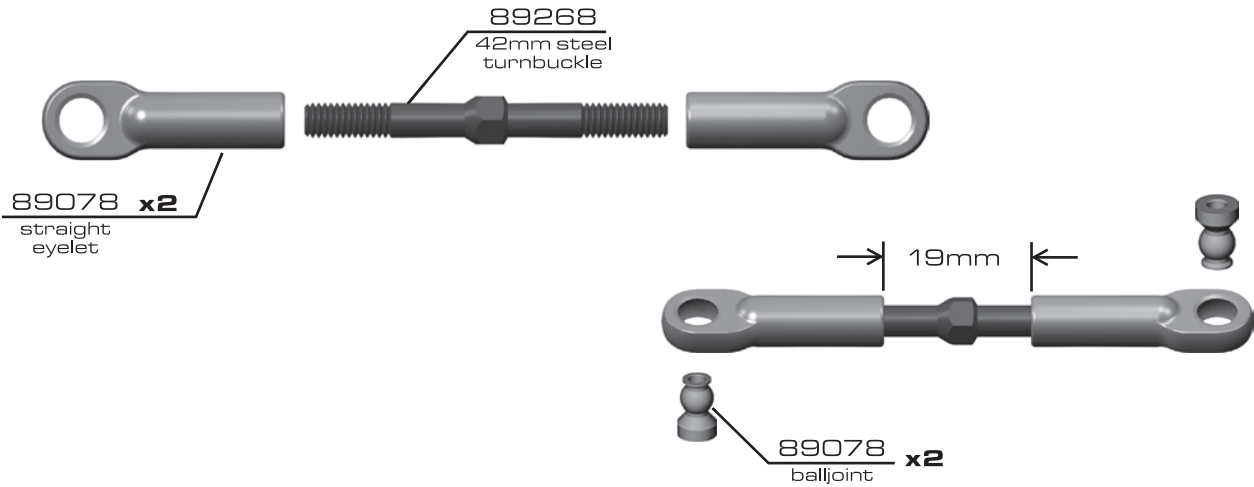


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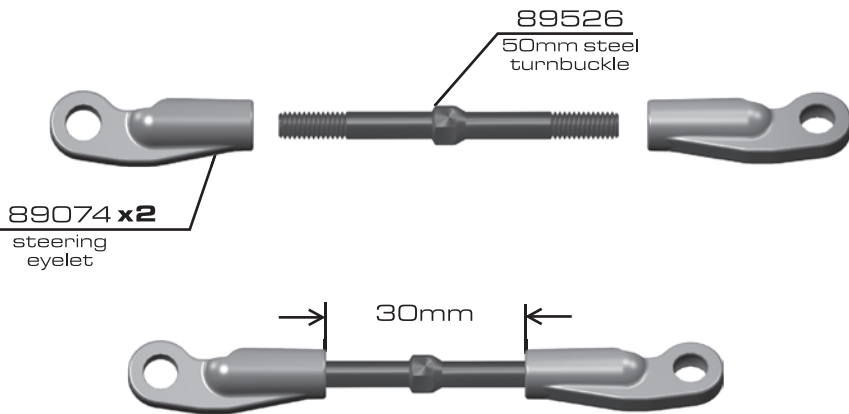


**:: Servo Turnbuckle**

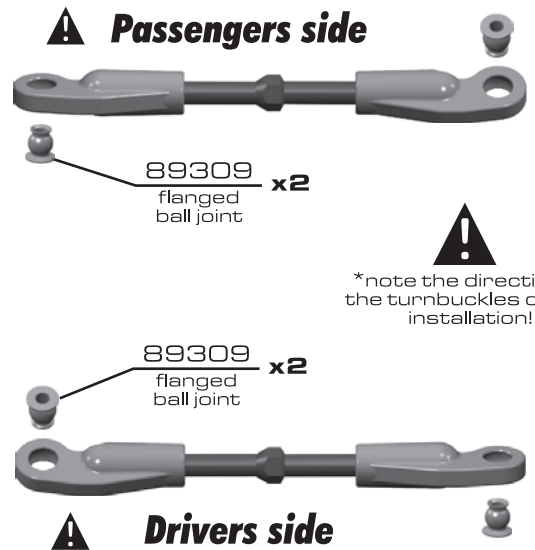
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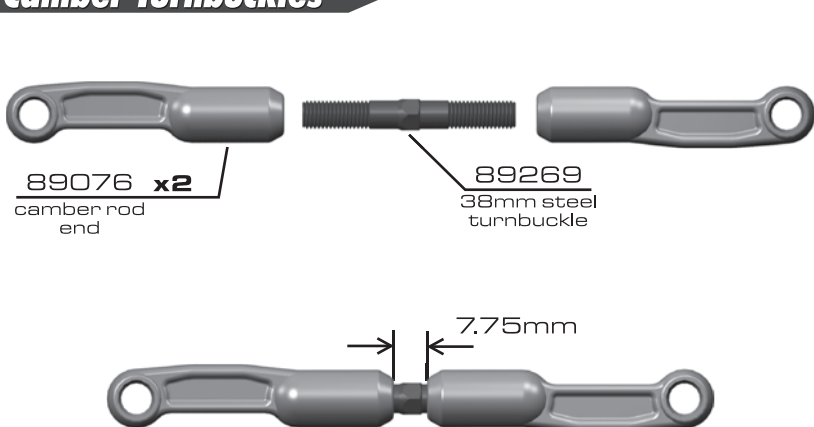
**:: Steering Turnbuckles**



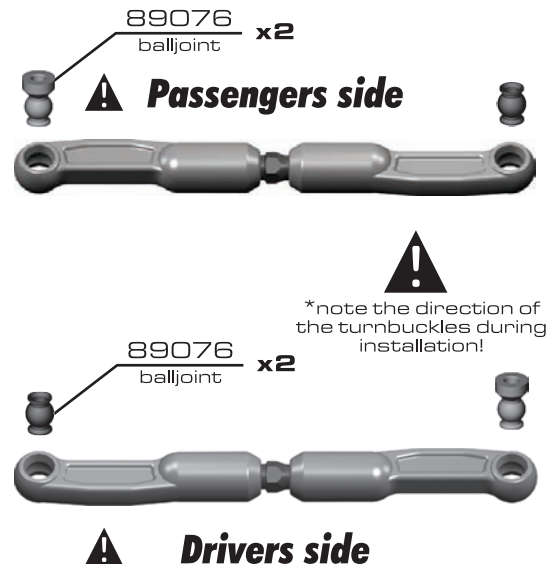
**Builds X2**



**:: Camber Turnbuckles**



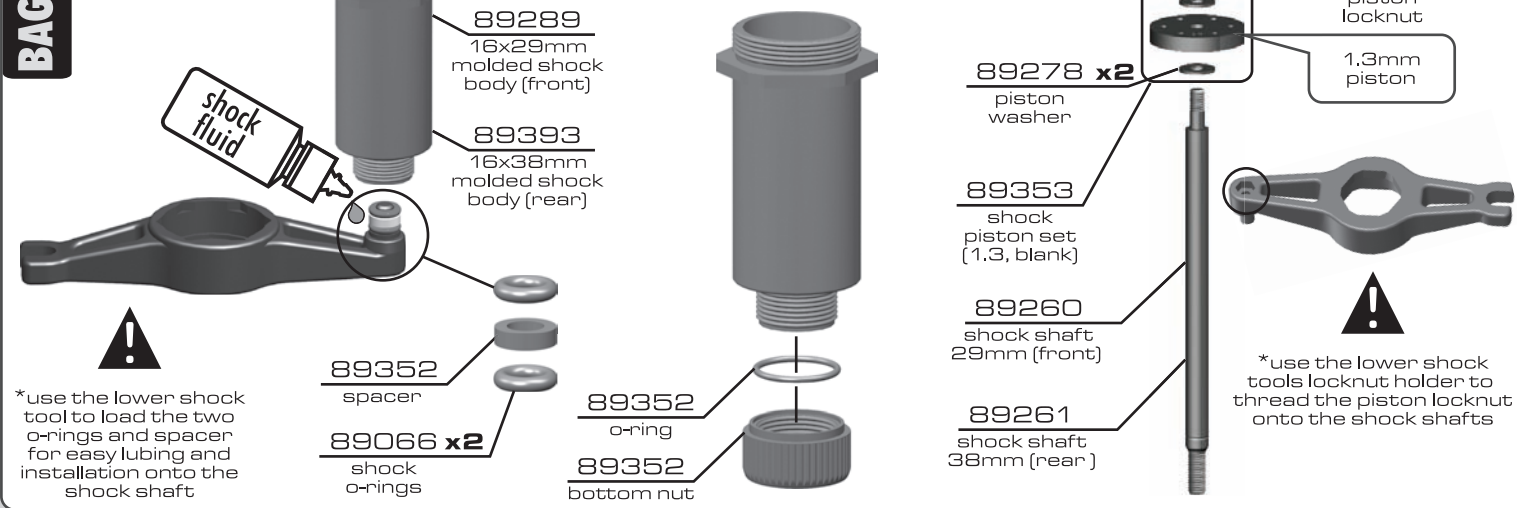
**Builds X2**





**:: Shocks**

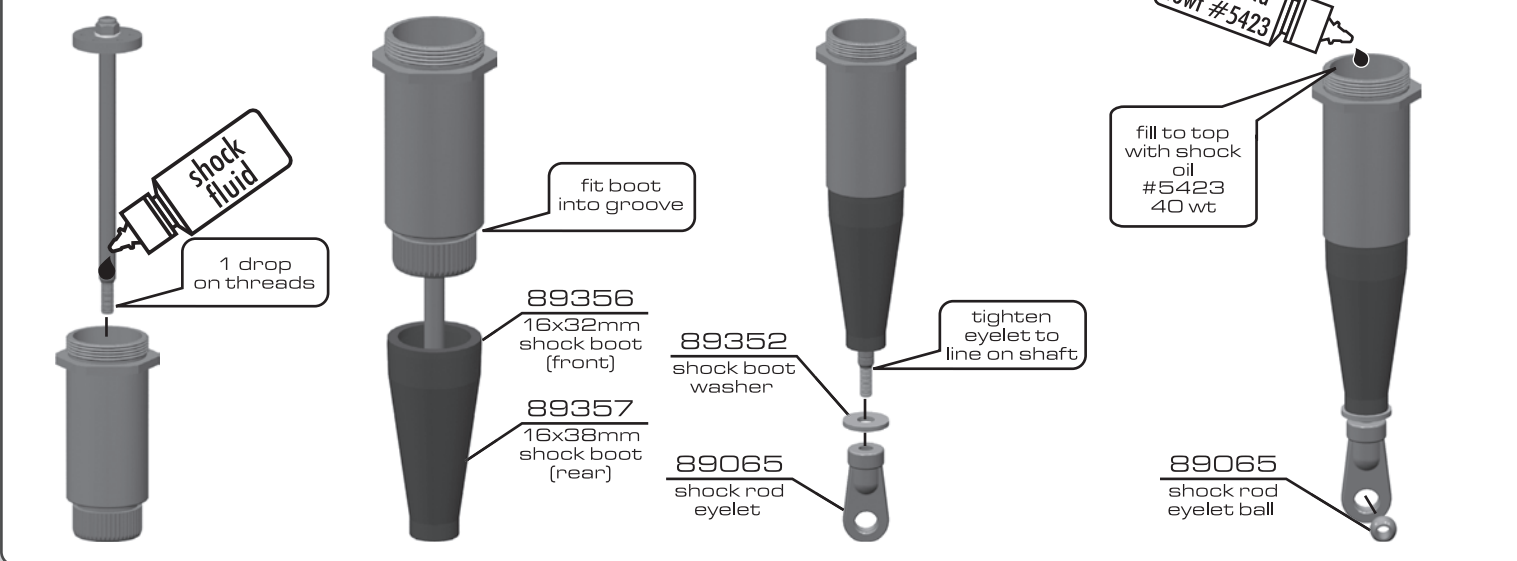
**BAG C**



\*use the lower shock tool to load the two o-rings and spacer for easy lubing and installation onto the shock shaft

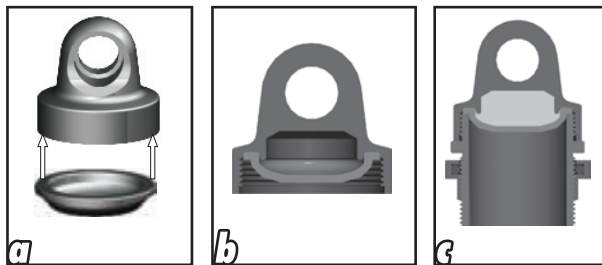
\*use the lower shock tools locknut holder to thread the piston locknut onto the shock shafts

**:: Shocks (cont.)**

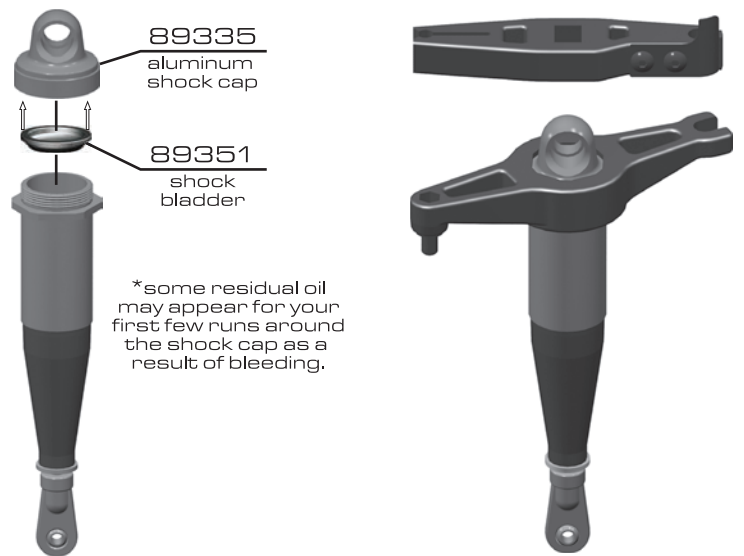


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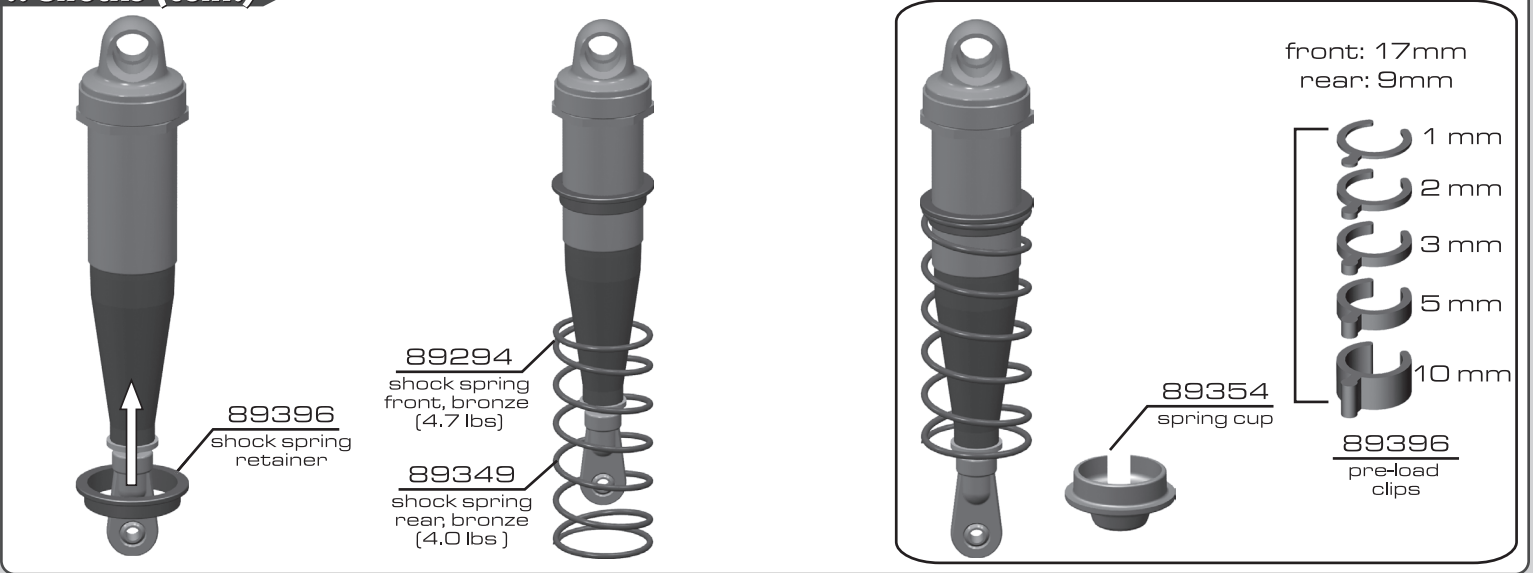
**Bladder installation**



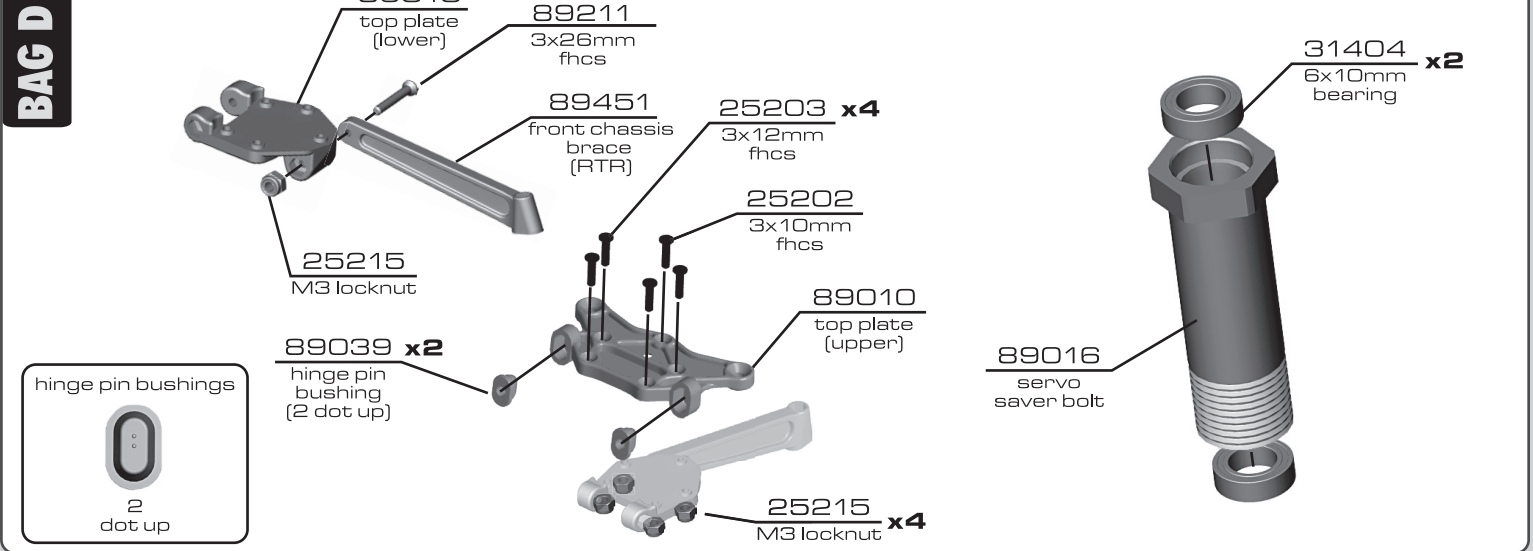
As you install the cap with bladder, it will force out any extra oil. If you install the cap with the shaft fully extended, you are running FULL REBOUND.  
To run less rebound, unthread the cap 1-2 turns and compress the shaft to the desired position and re-tighten the cap.



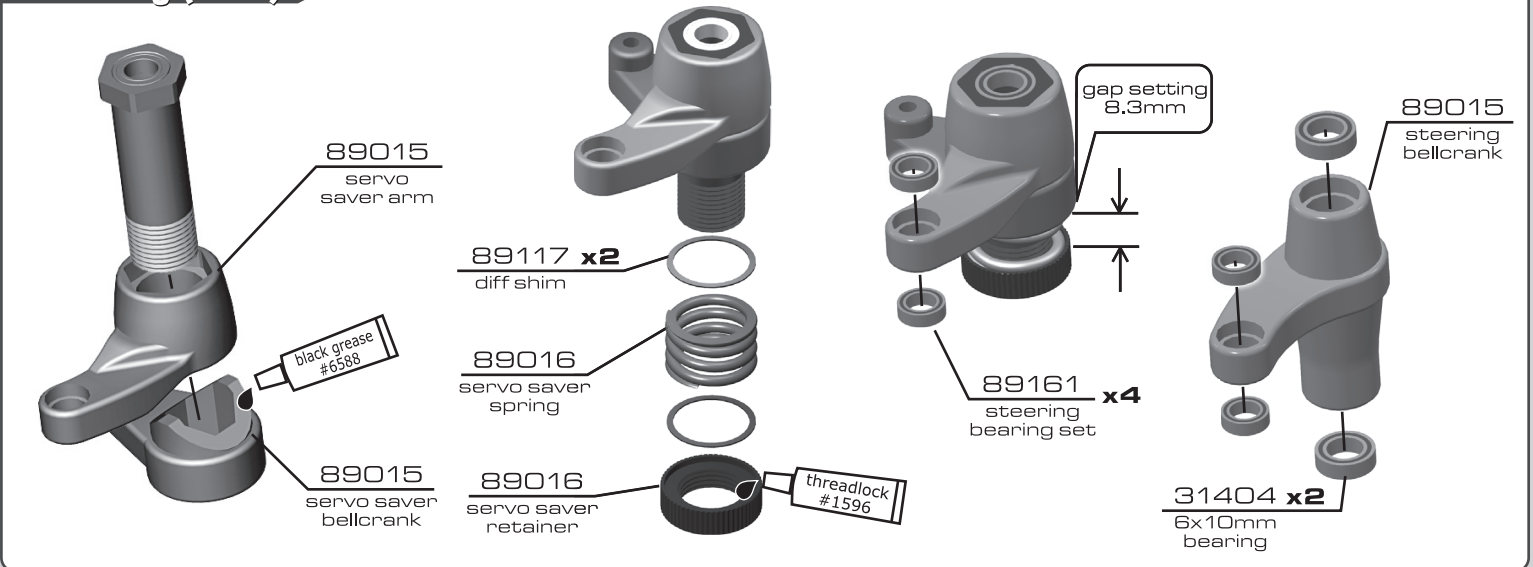
**:: Shocks (cont.)**



**:: Steering**

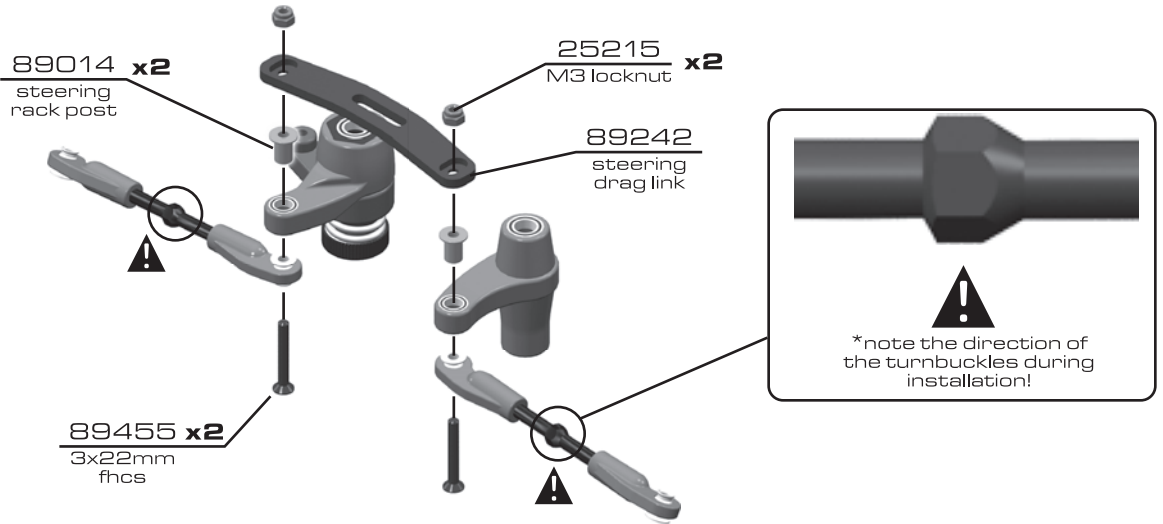


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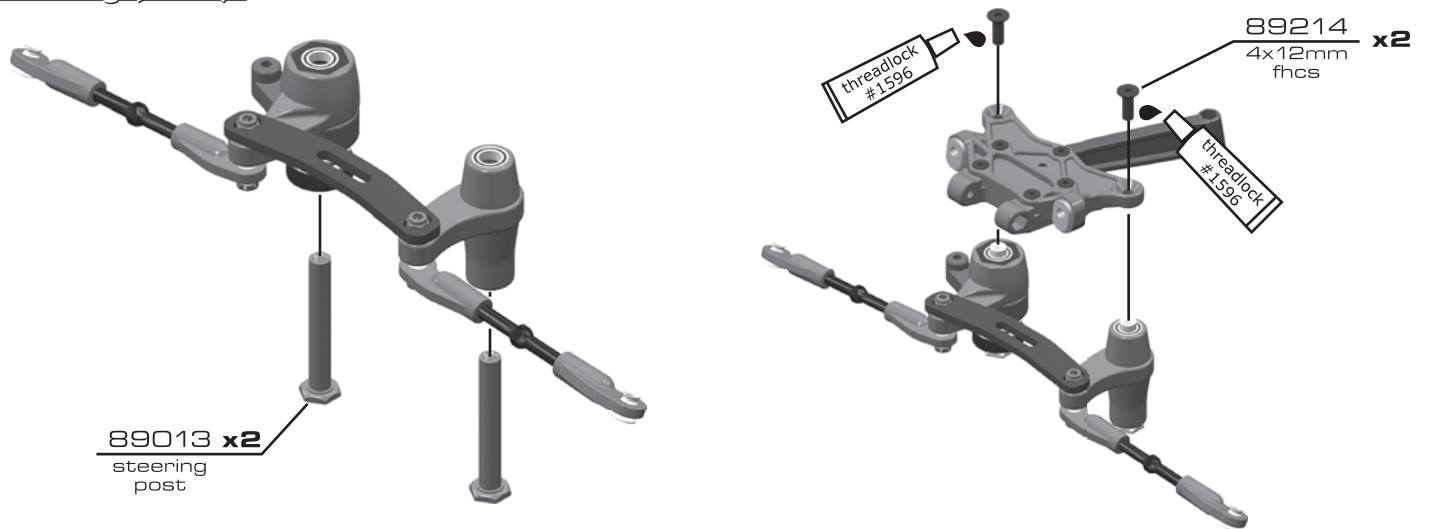




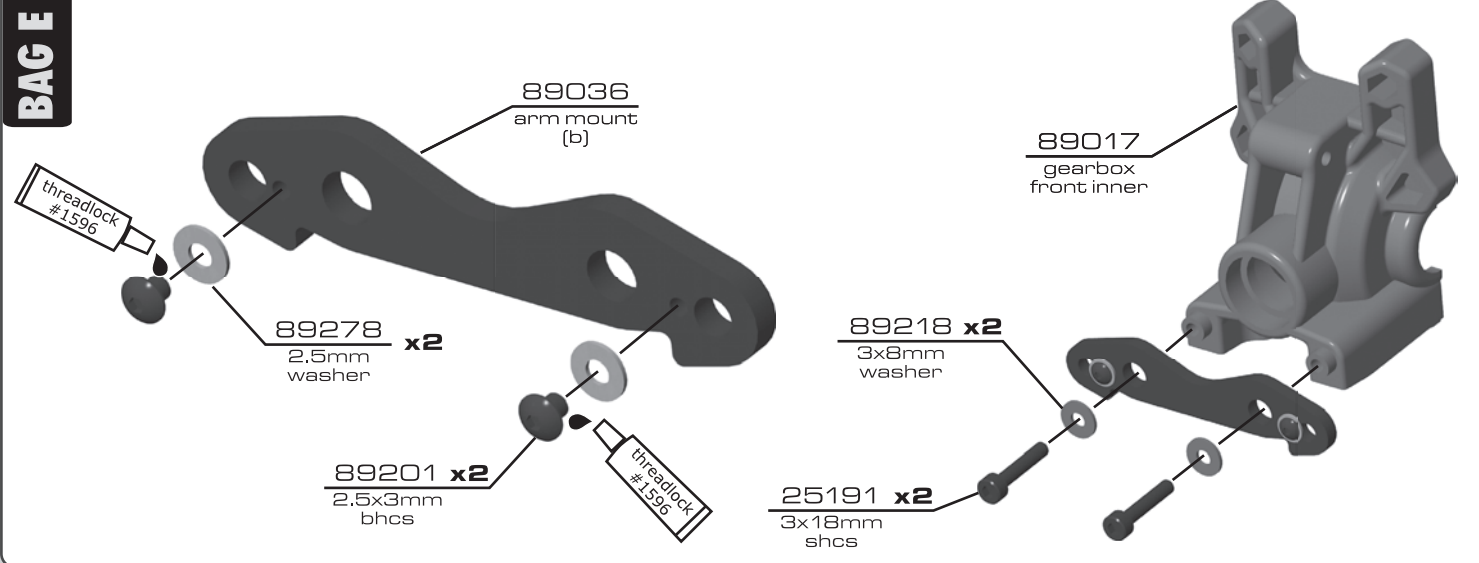
**:: Steering (cont.)**



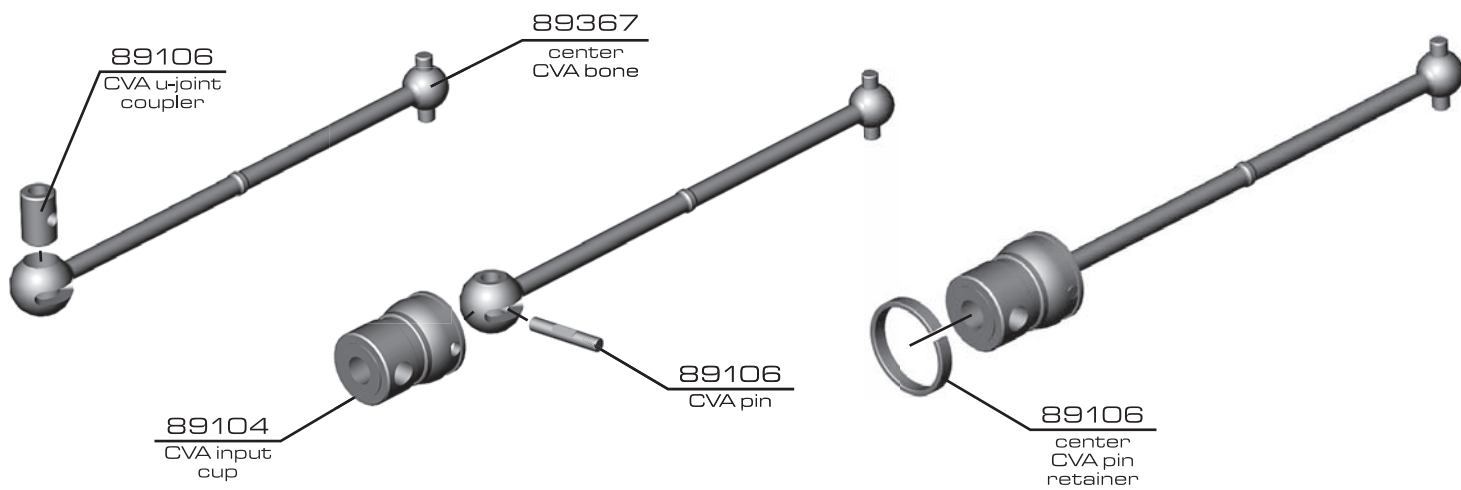
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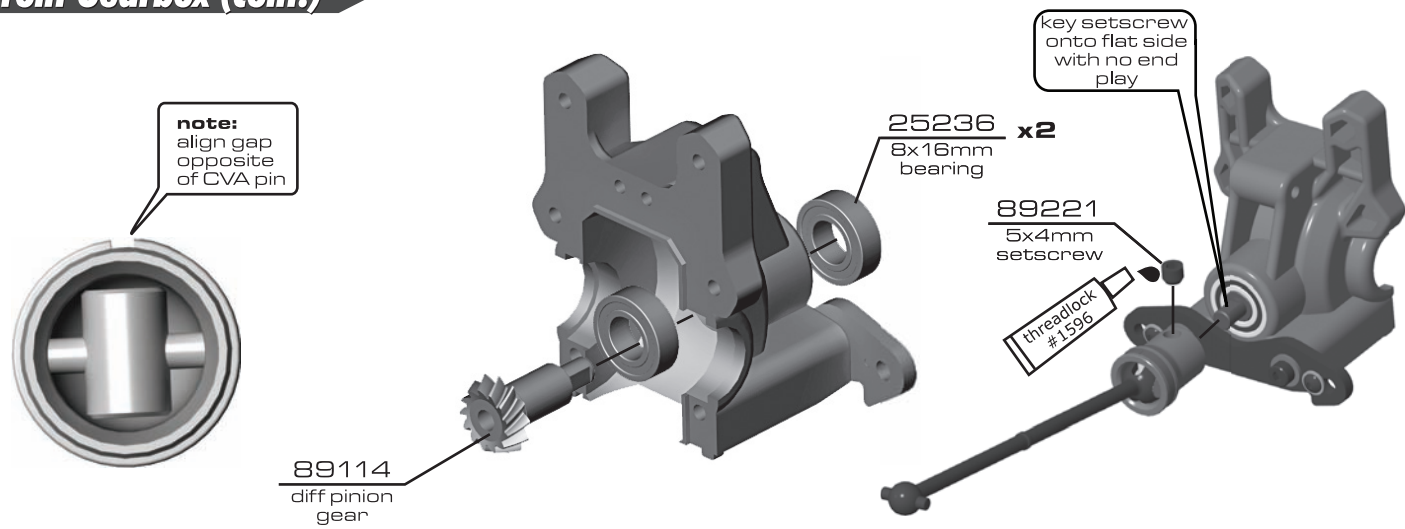
**:: Front Gearbox**



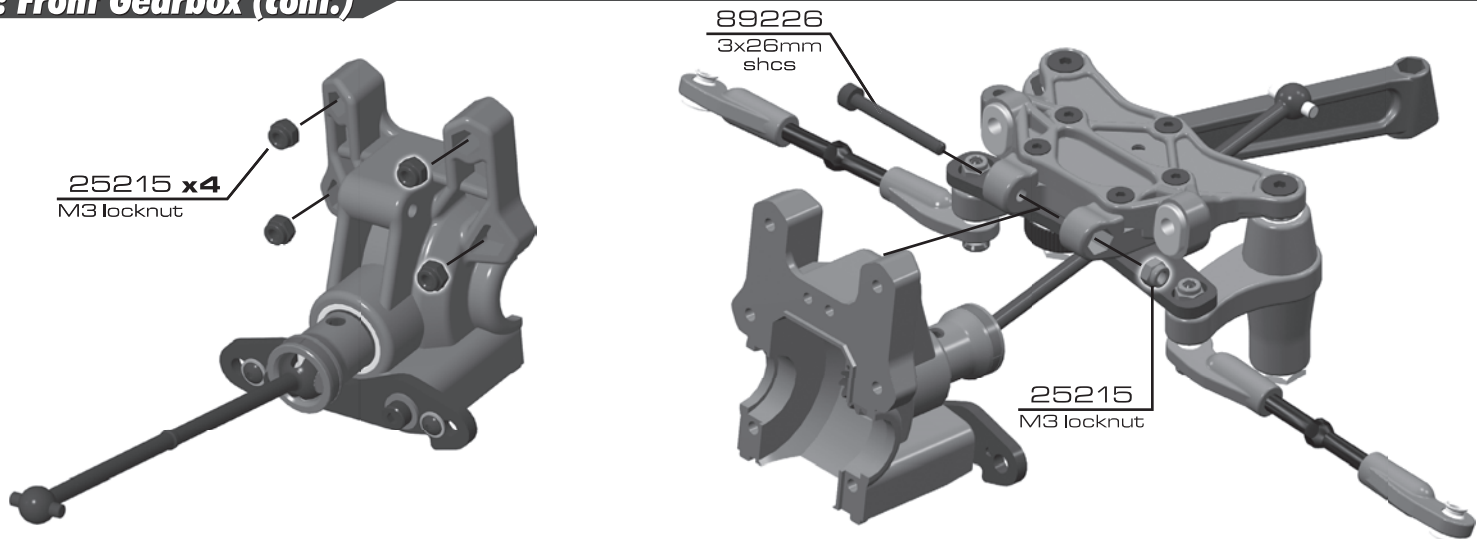
**:: Front Gearbox (cont.)**



**:: Front Gearbox (cont.)**

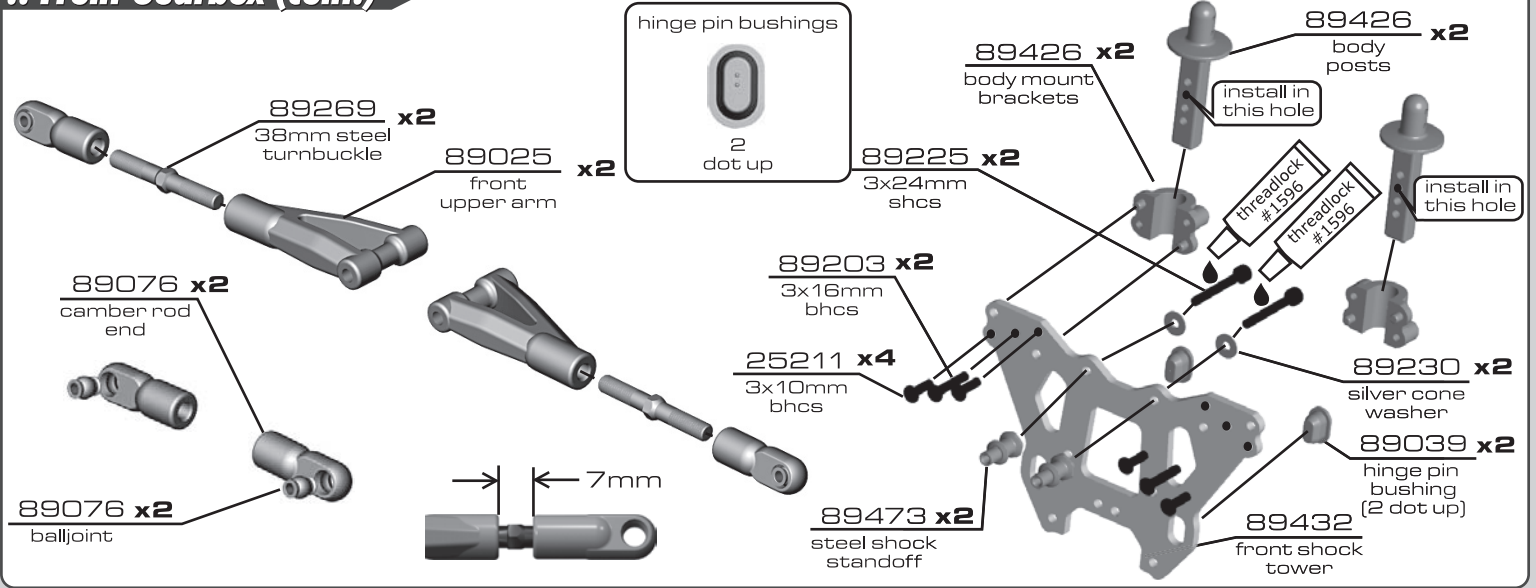


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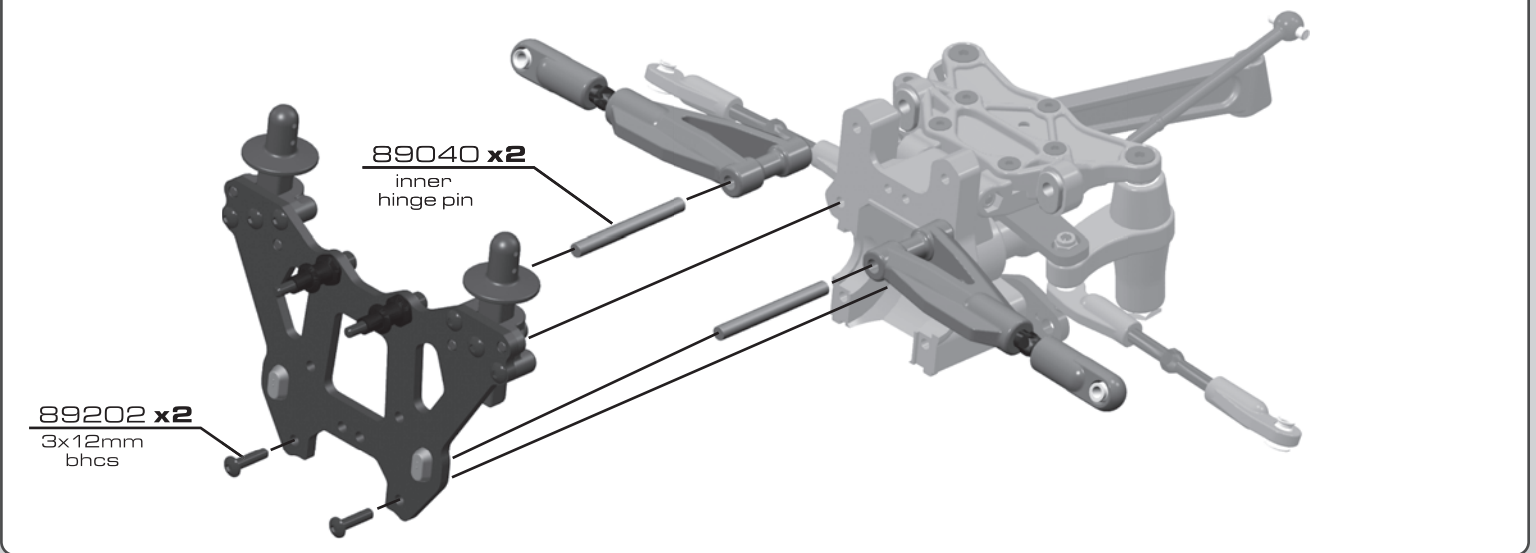




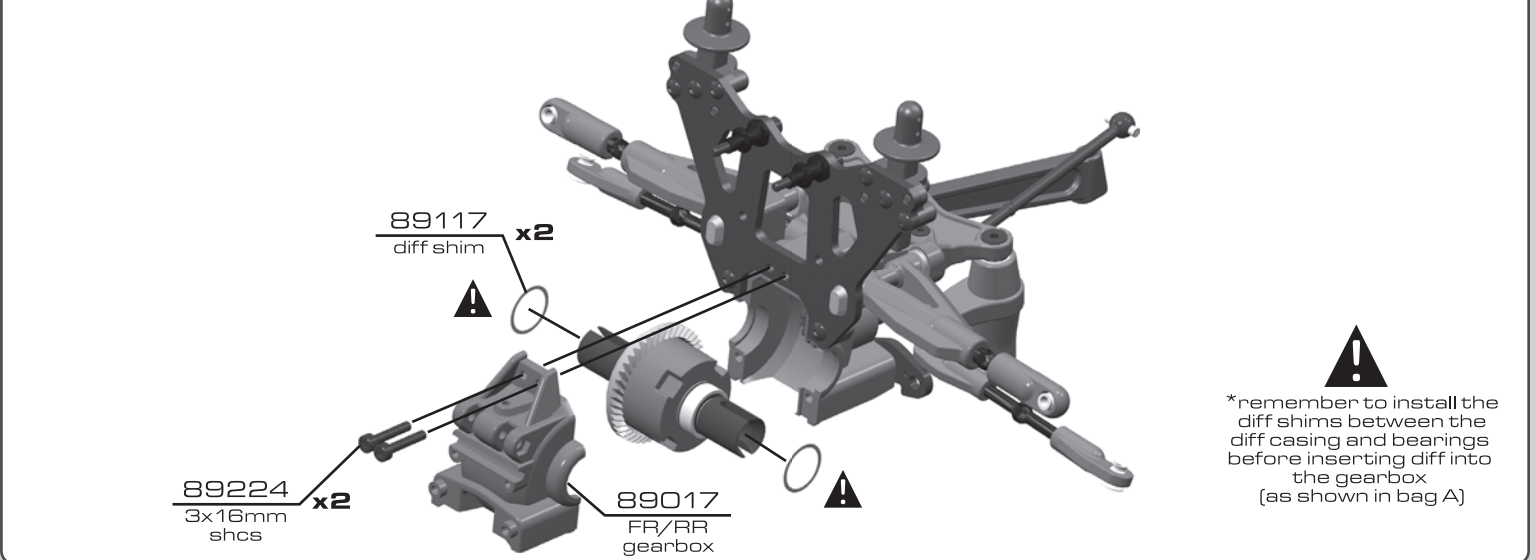
**:: Front Gearbox (cont.)**



**:: Front Gearbox (cont.)**

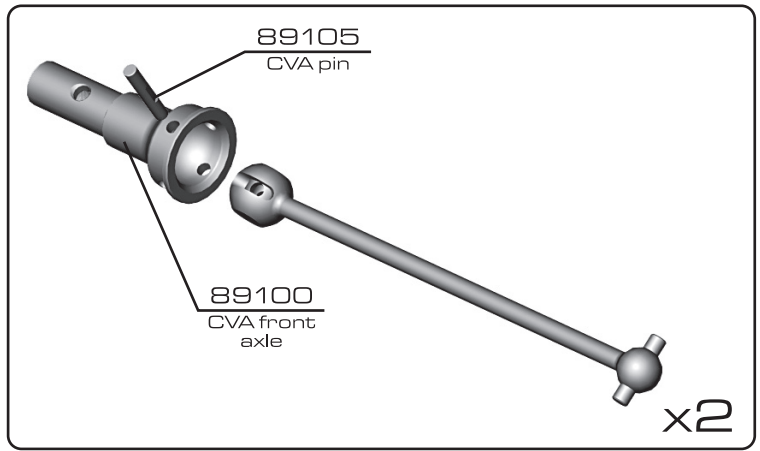
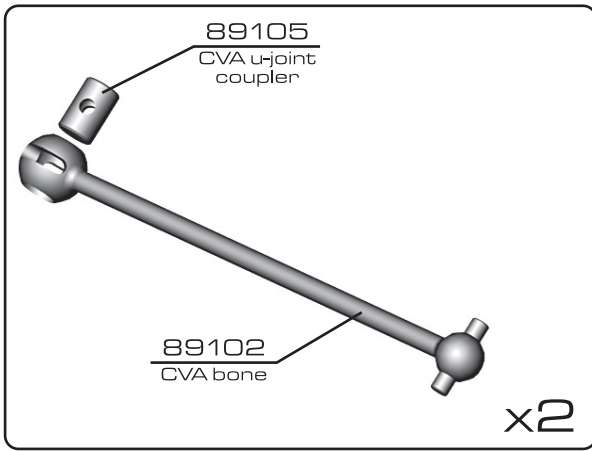


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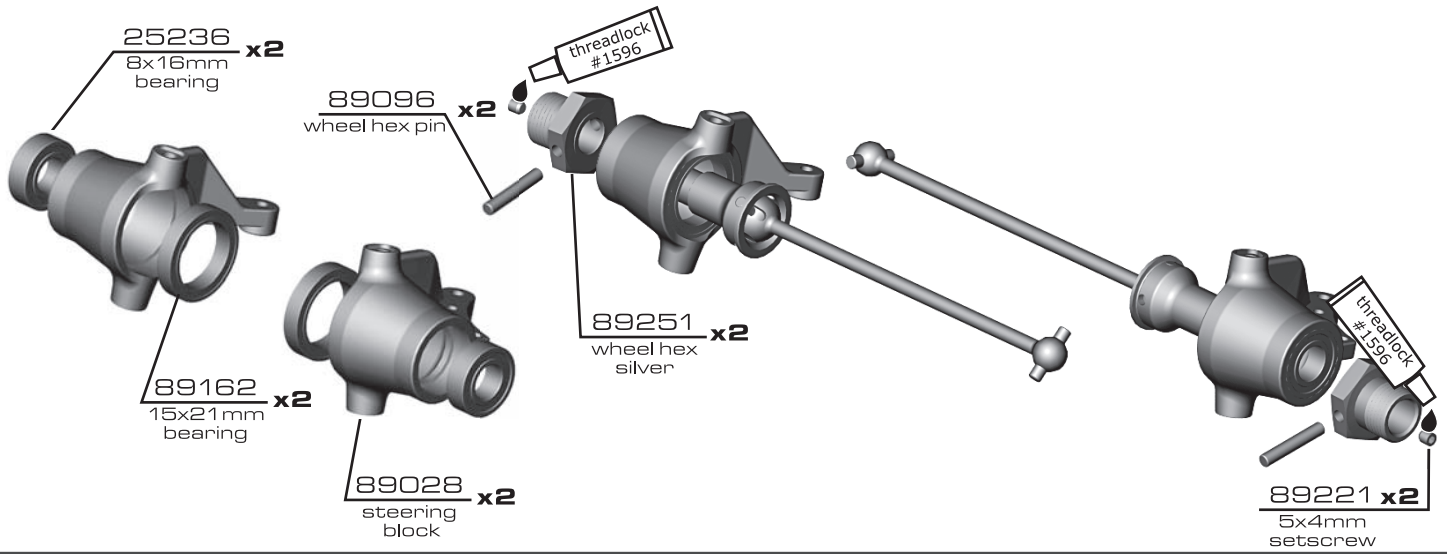


:: Suspension

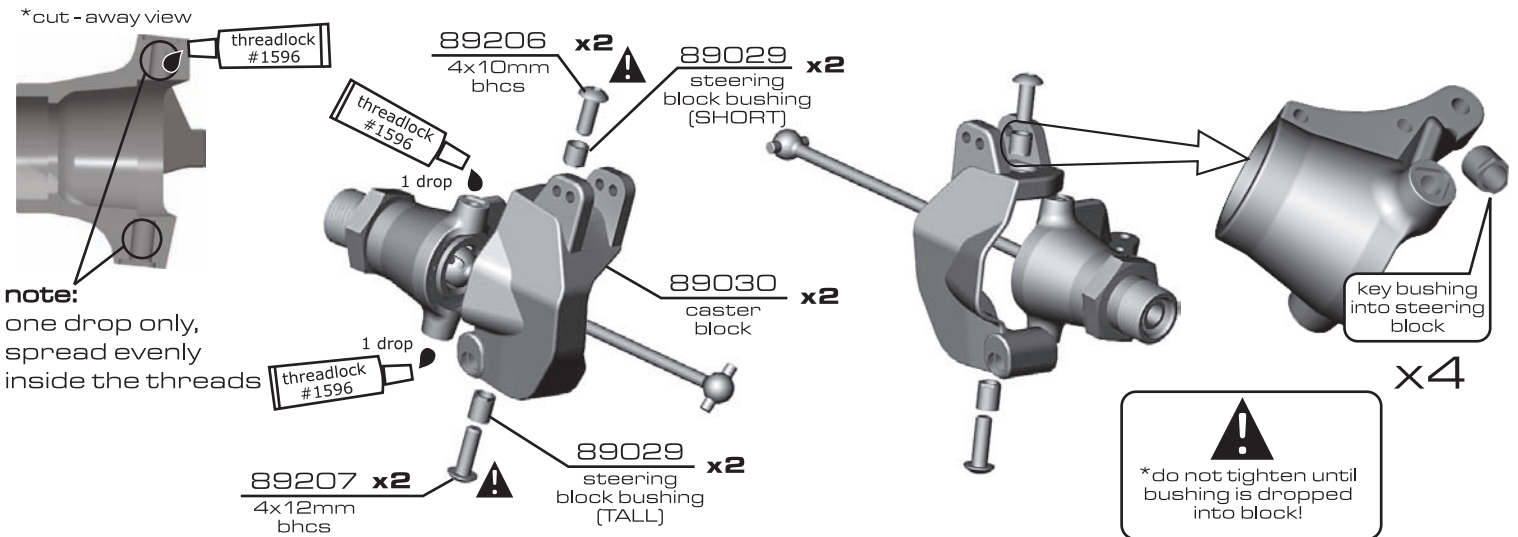
BAG F



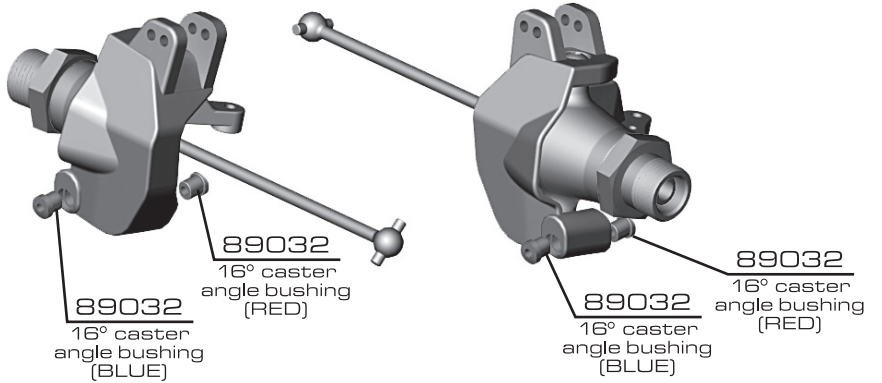
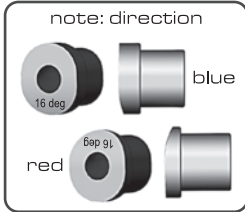
:: Suspension (cont.)



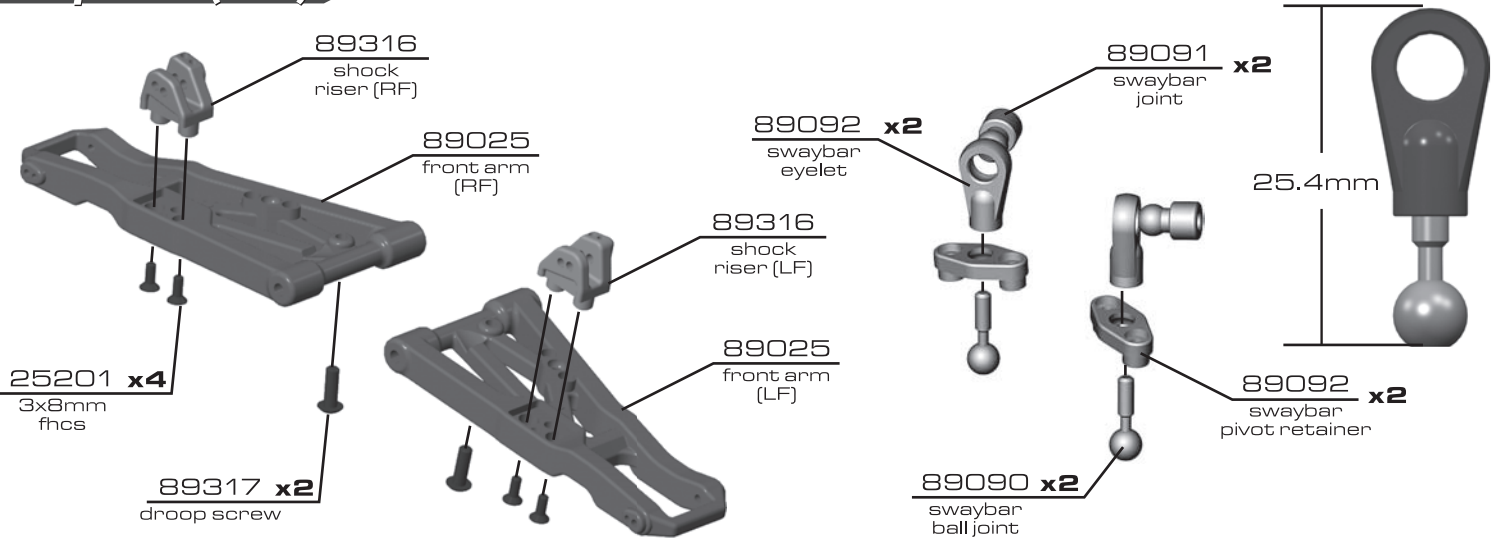
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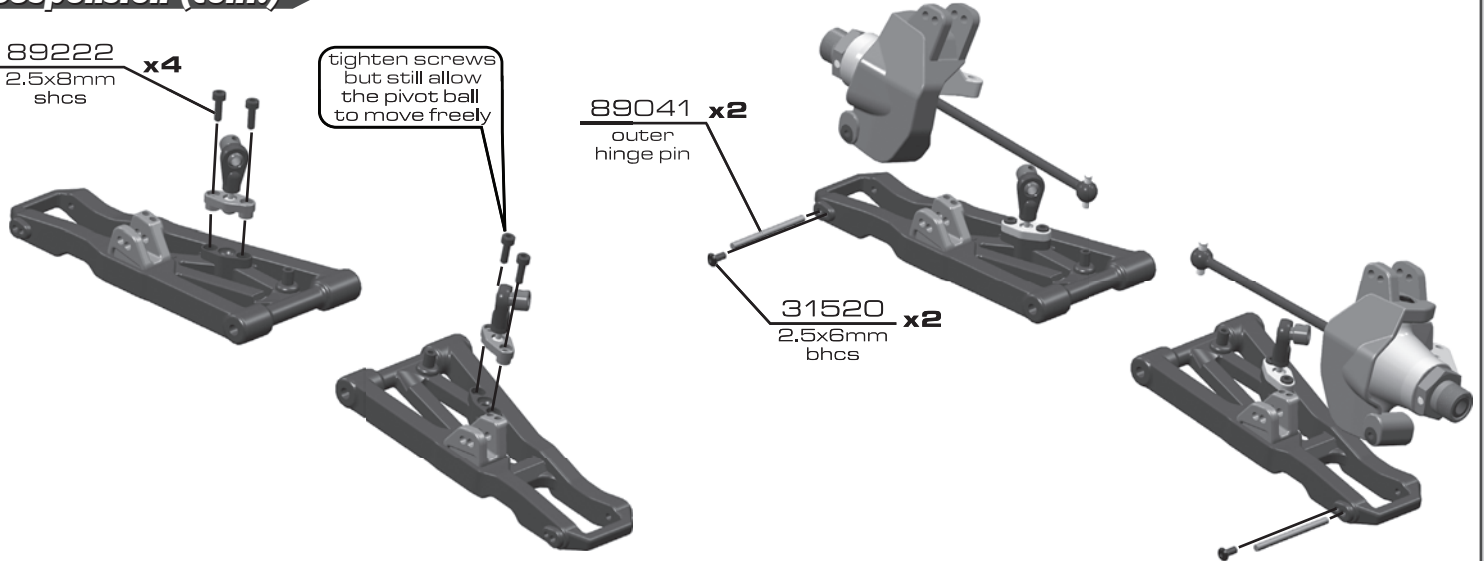
**:: Suspension (cont.)**



**:: Suspension (cont.)**

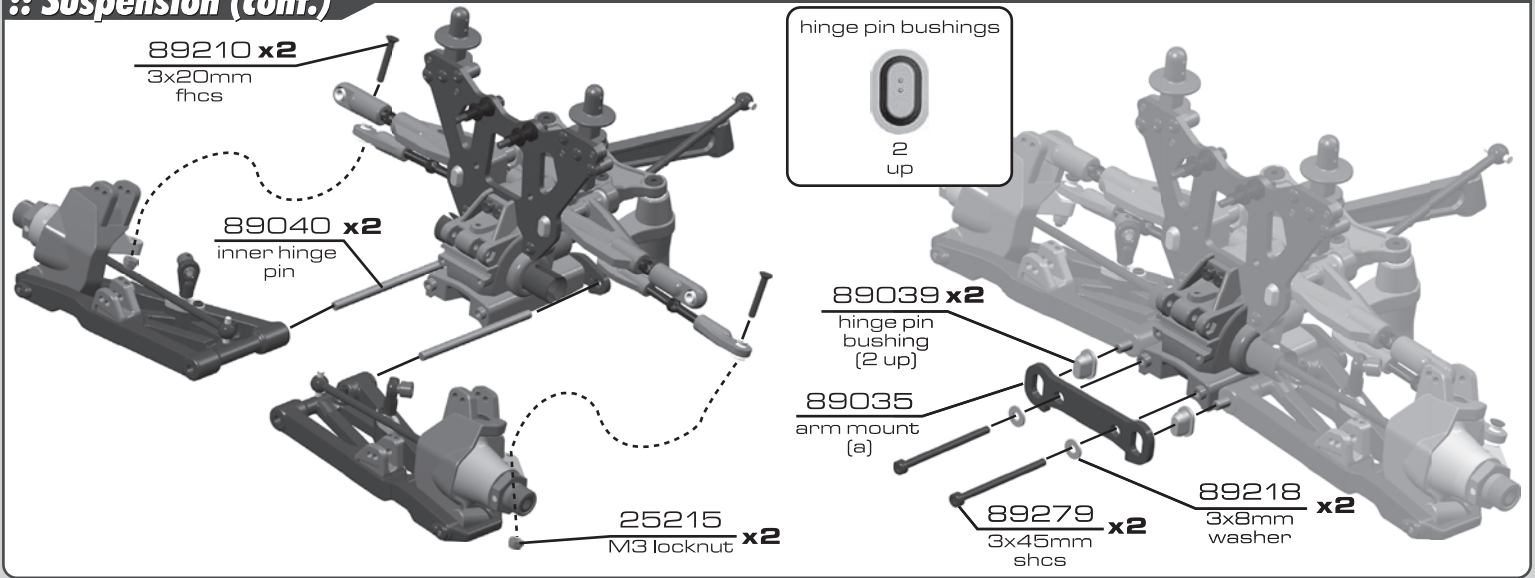


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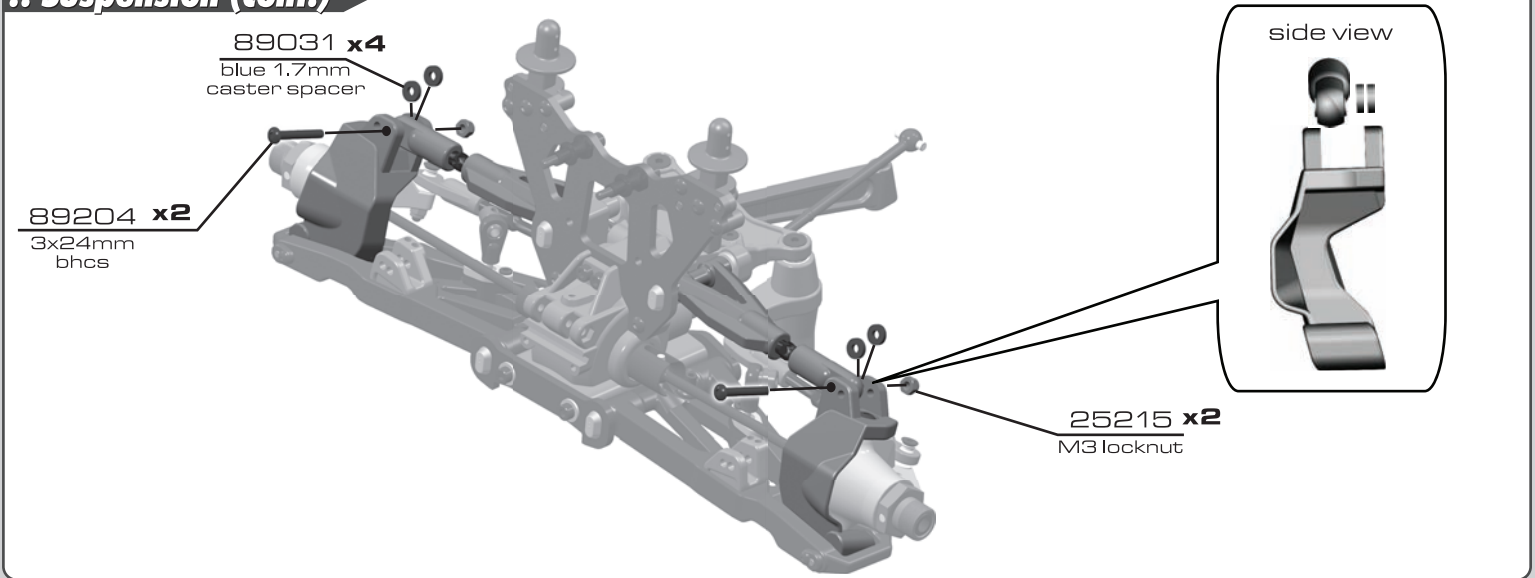




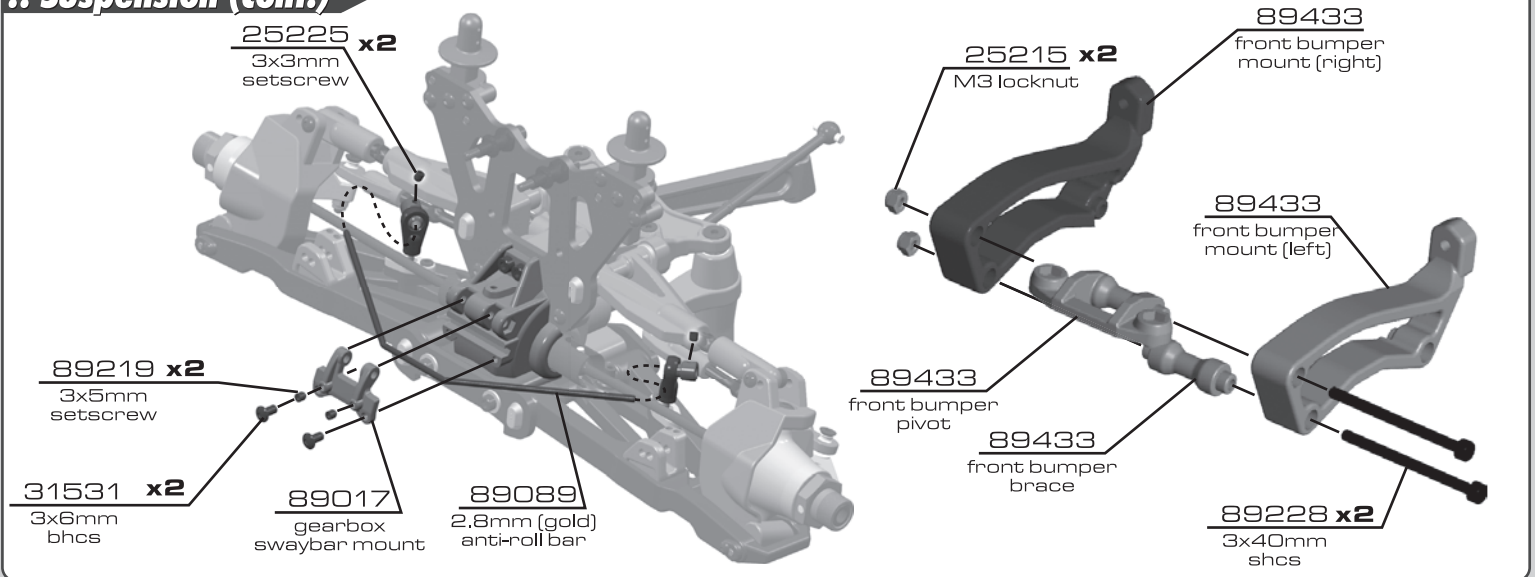
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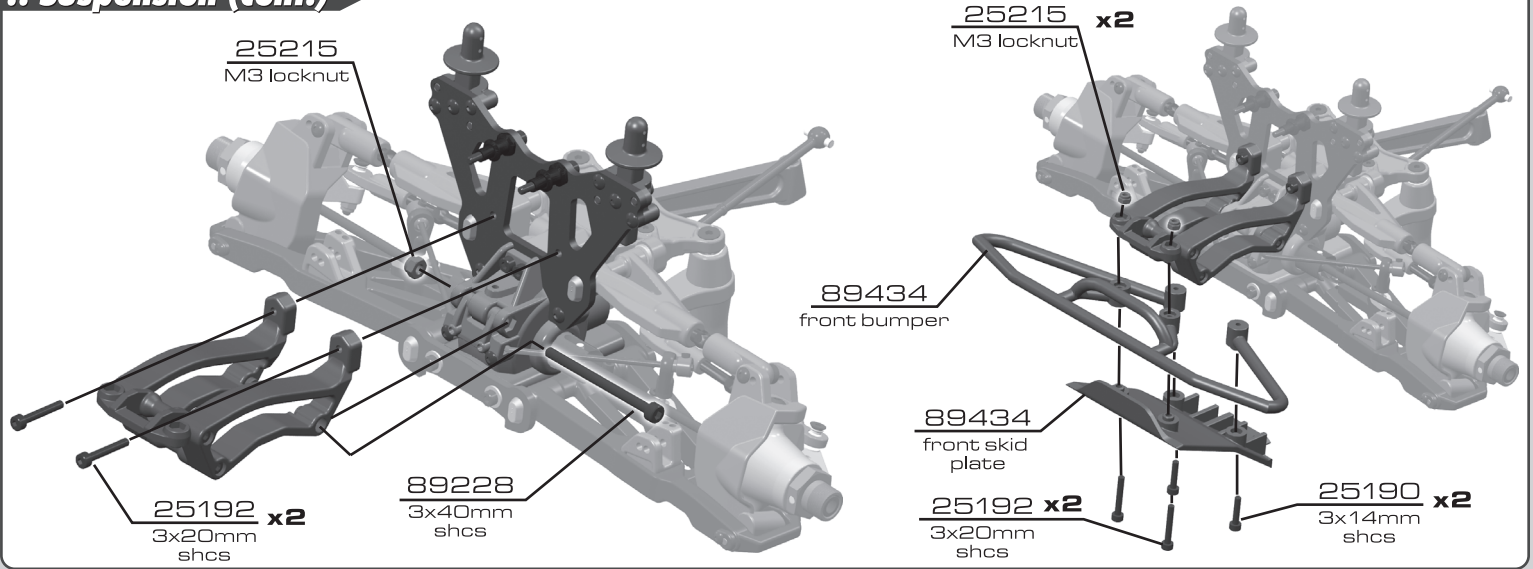
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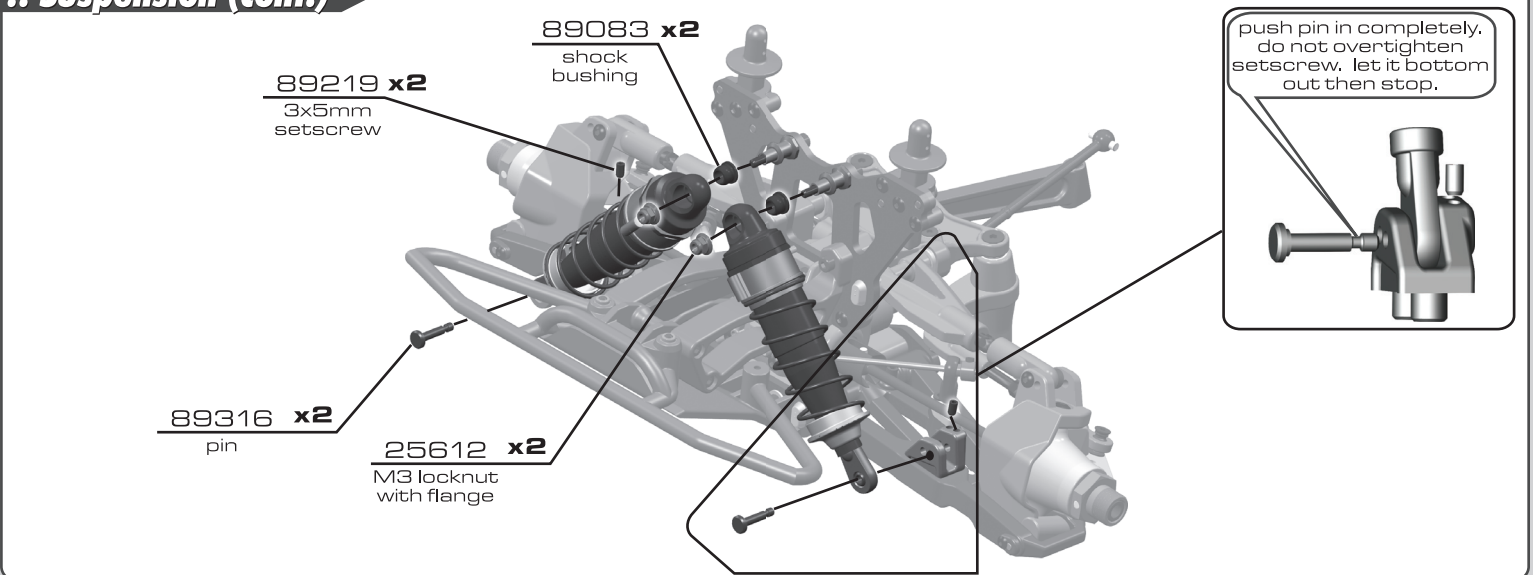
:: Suspension (cont.)



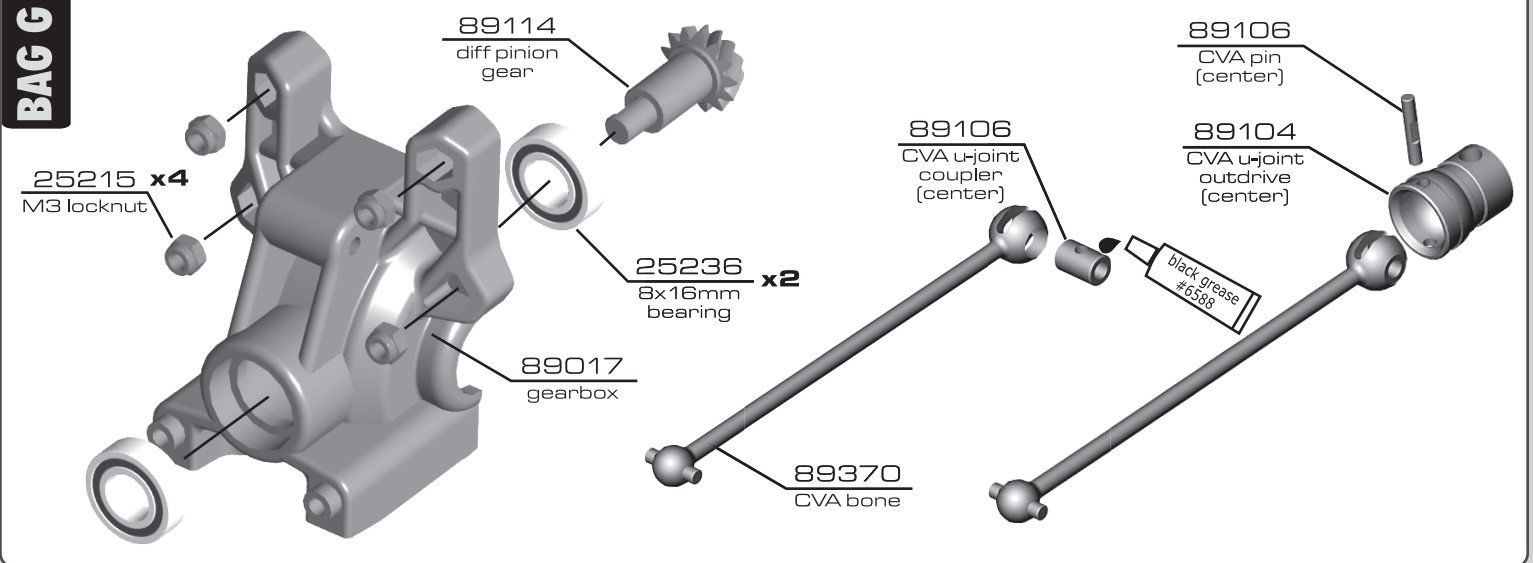
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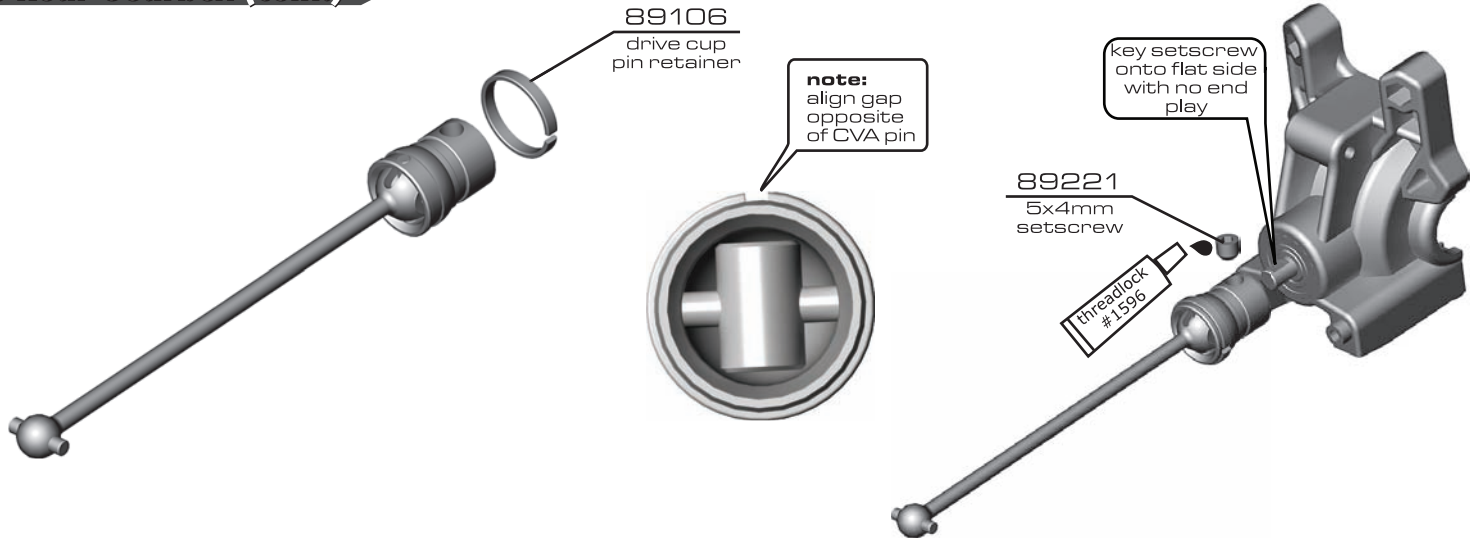
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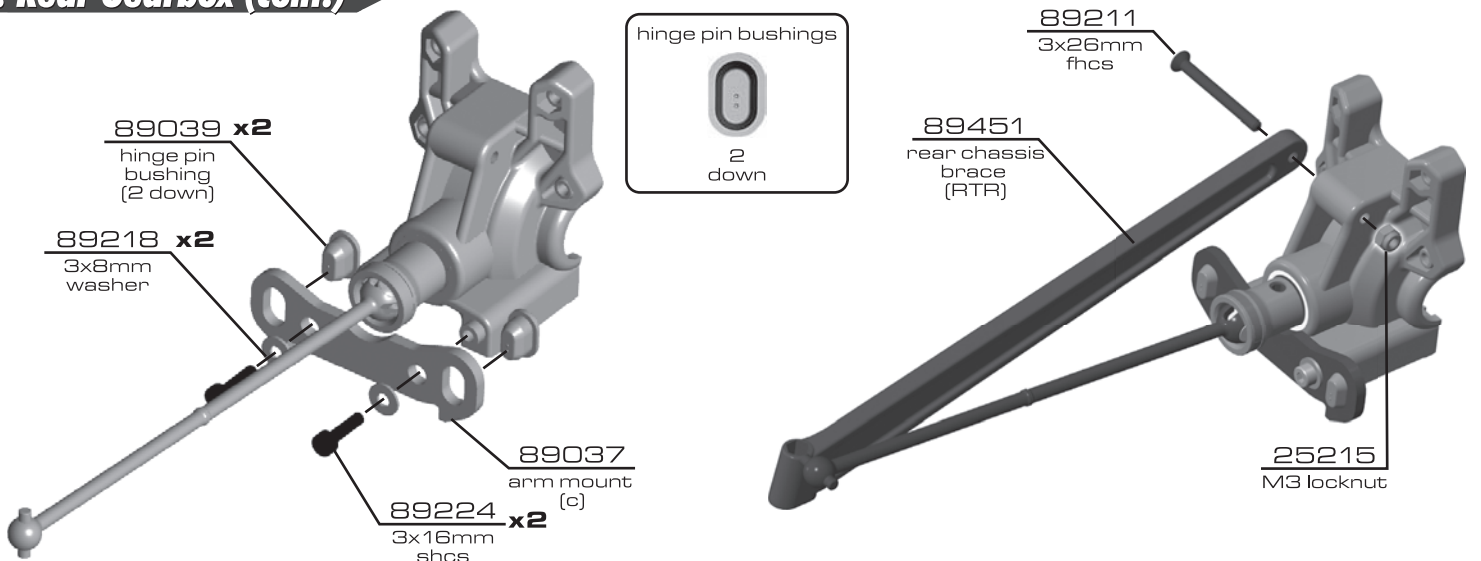
**:: Rear Gearbox**



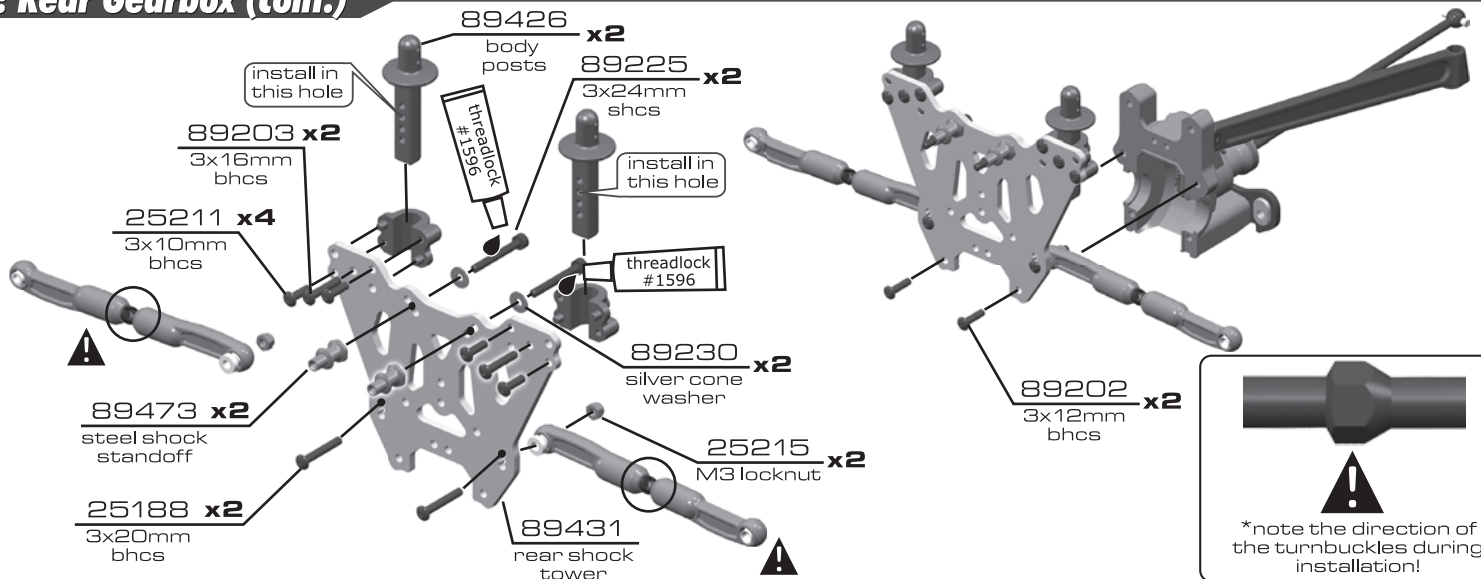
**:: Rear Gearbox (cont.)**



**:: Rear Gearbox (cont.)**

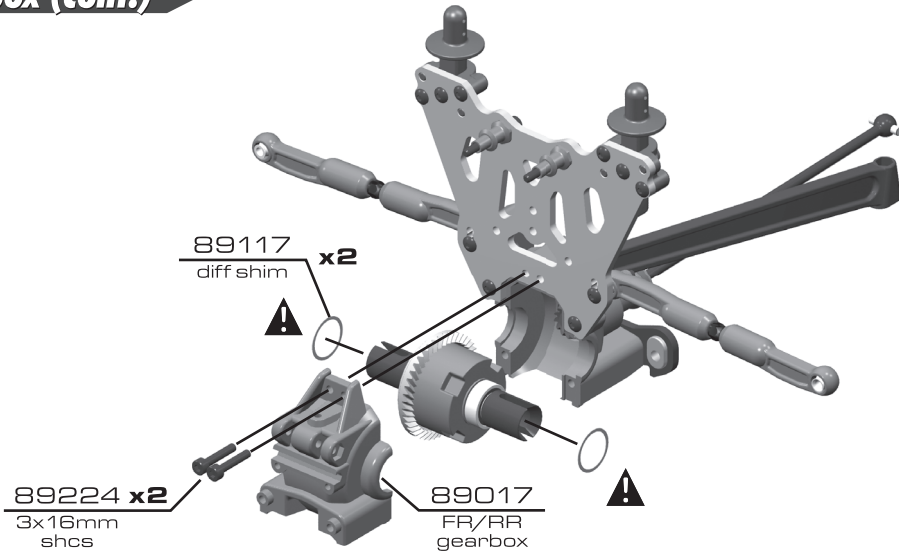


**:: Rear Gearbox (cont.)**





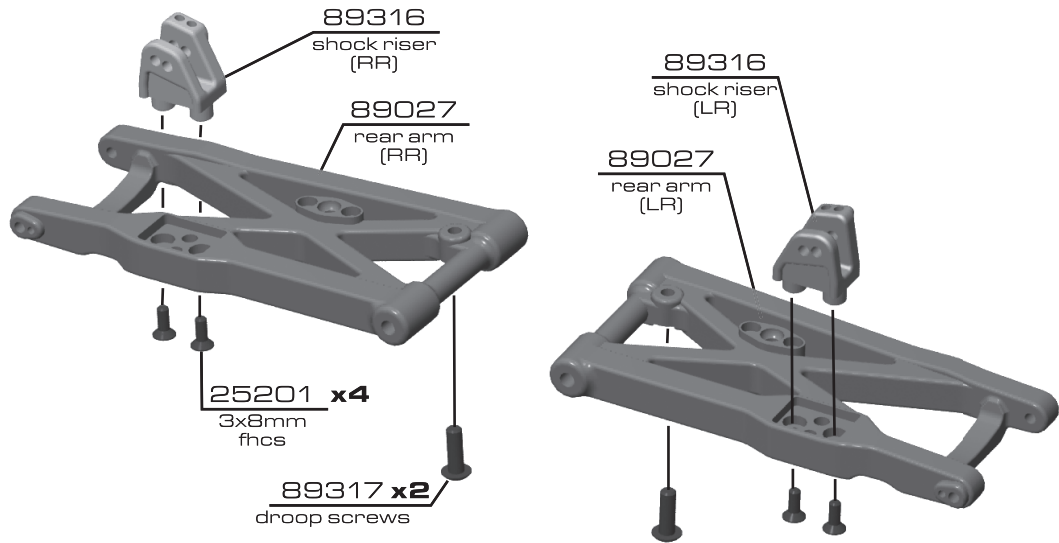
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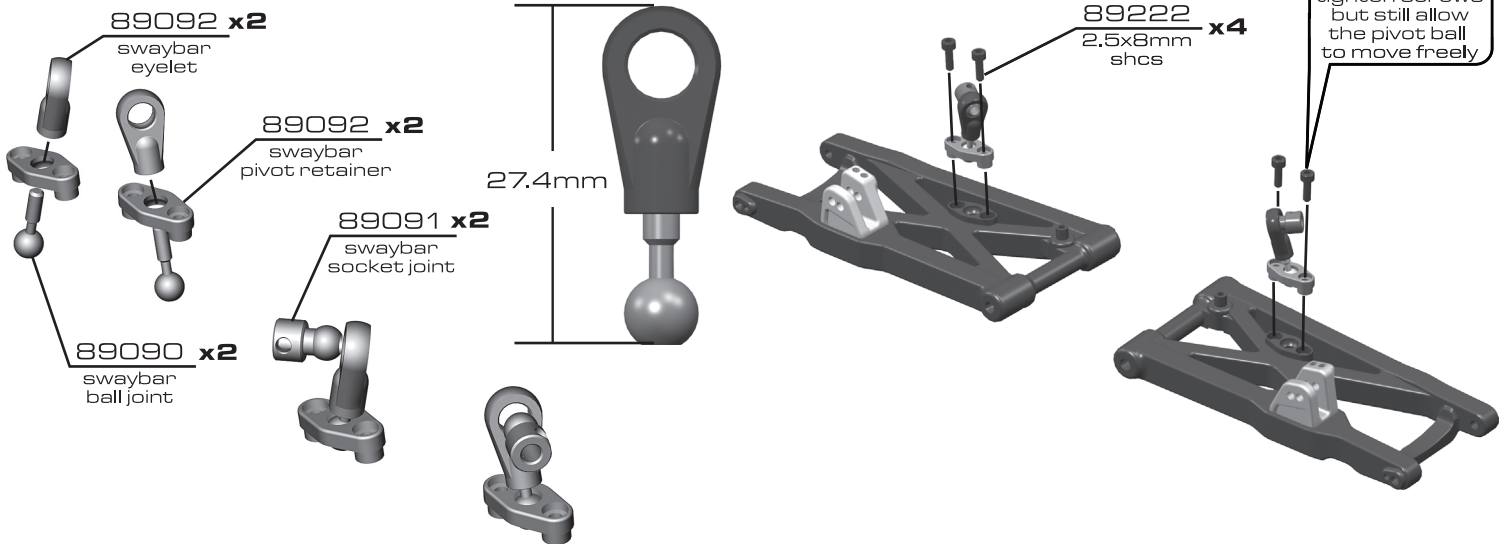
**!**  
\*remember to install the diff shims between the diff casing and bearings before inserting diff into the gearbox (as shown in bag A)

**:: Suspension**

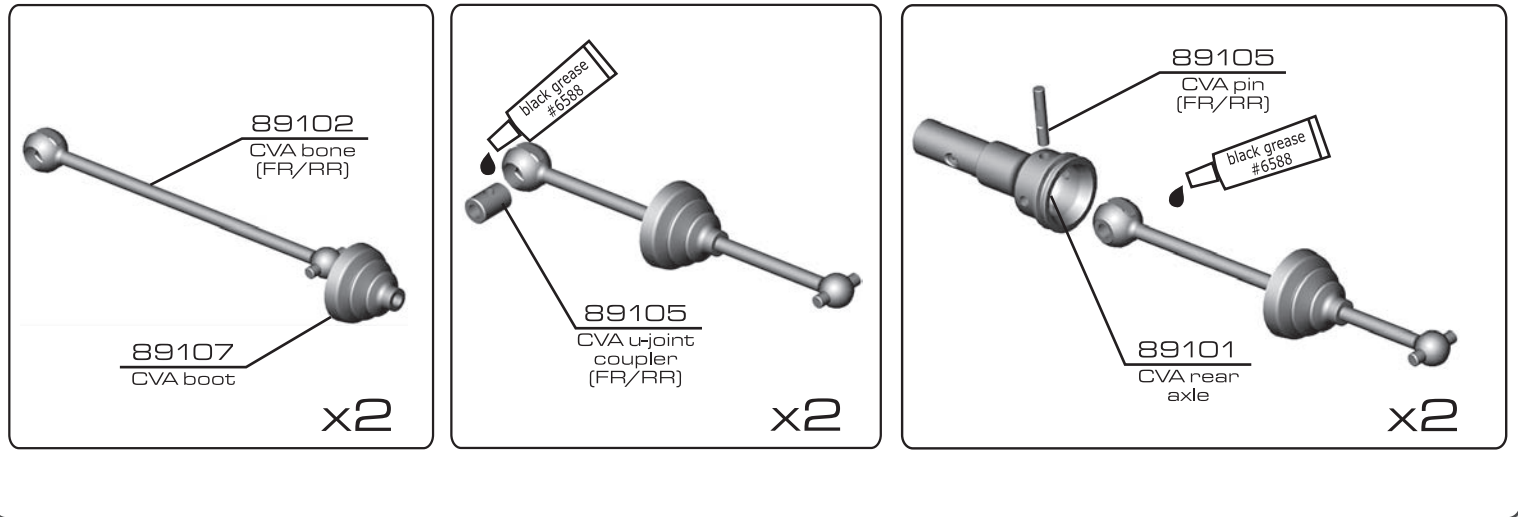
**BAG H**



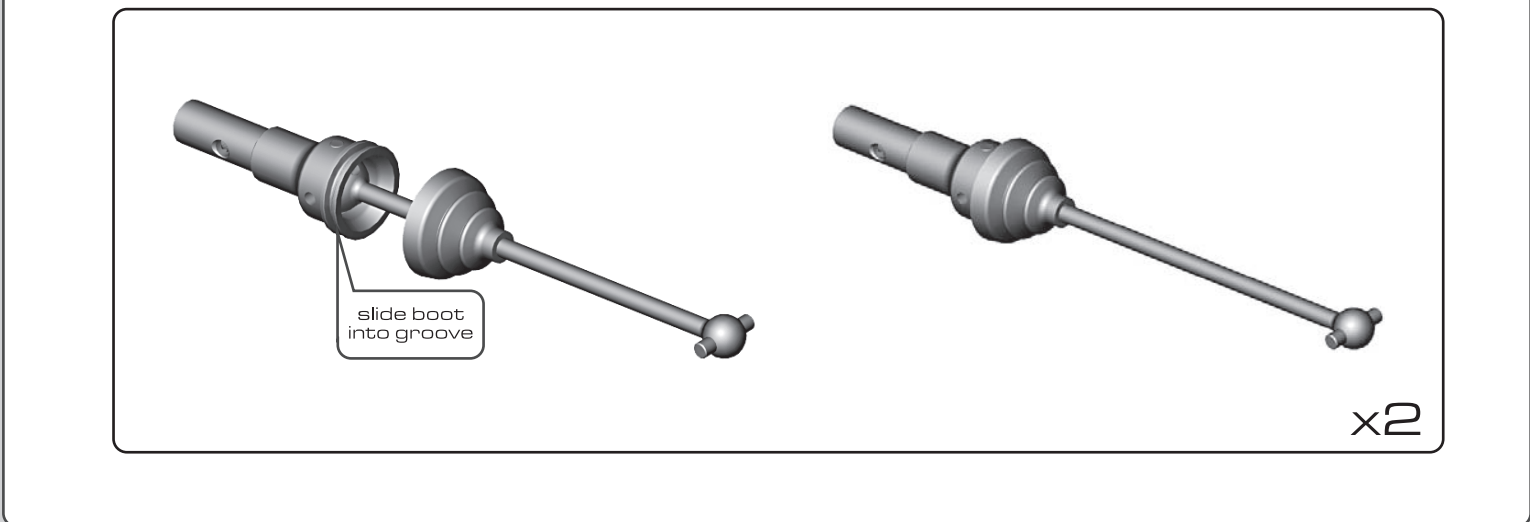
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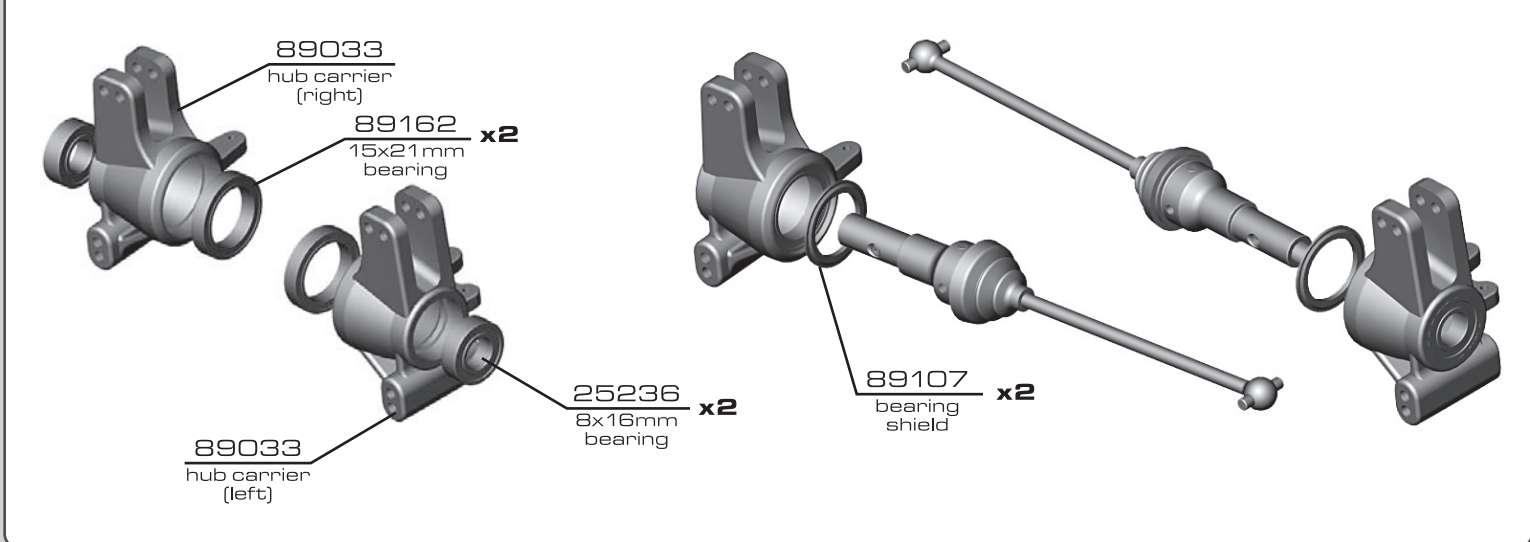
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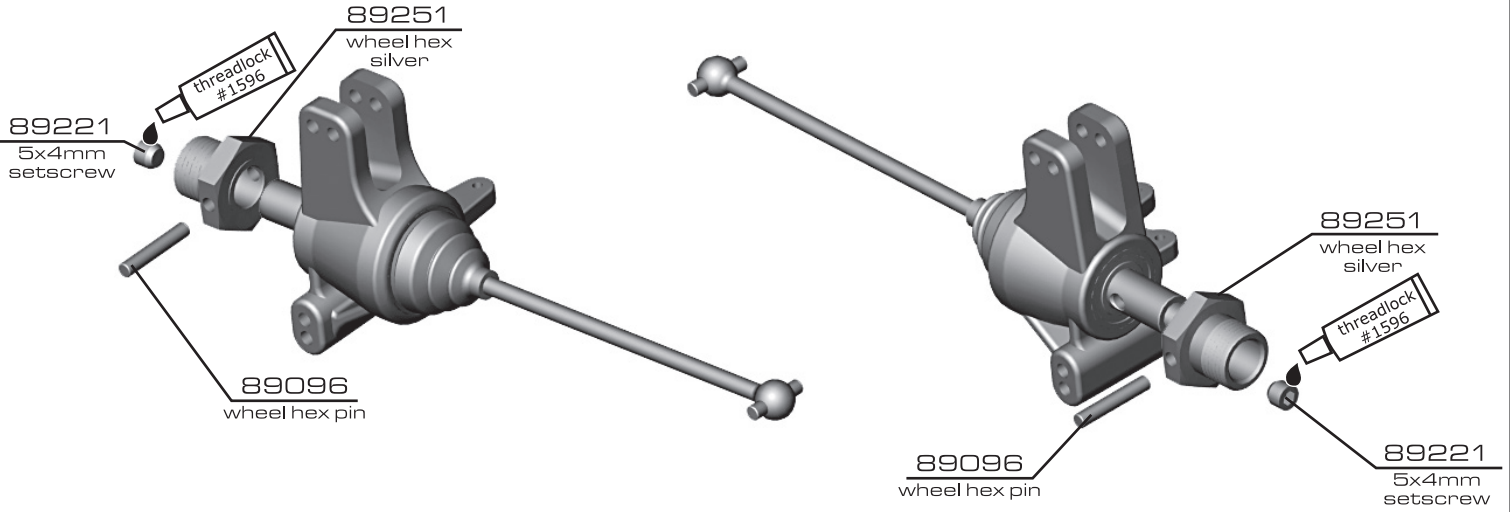
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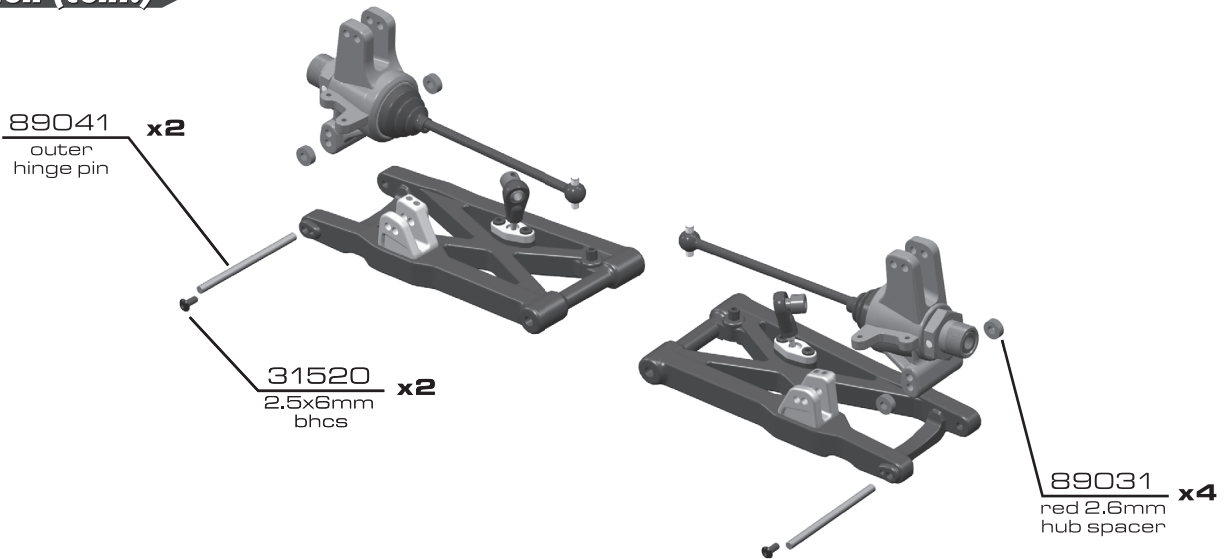
**:: Suspension (cont.)**



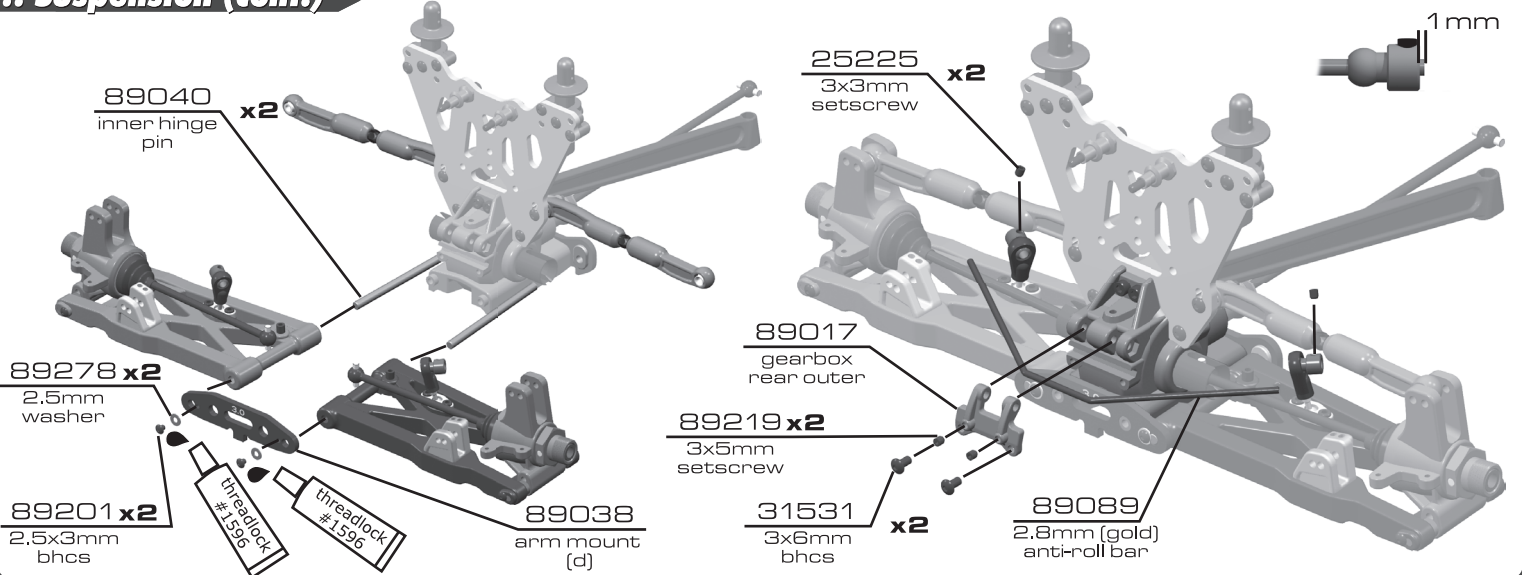
**:: Suspension (cont.)**



**:: Suspension (cont.)**

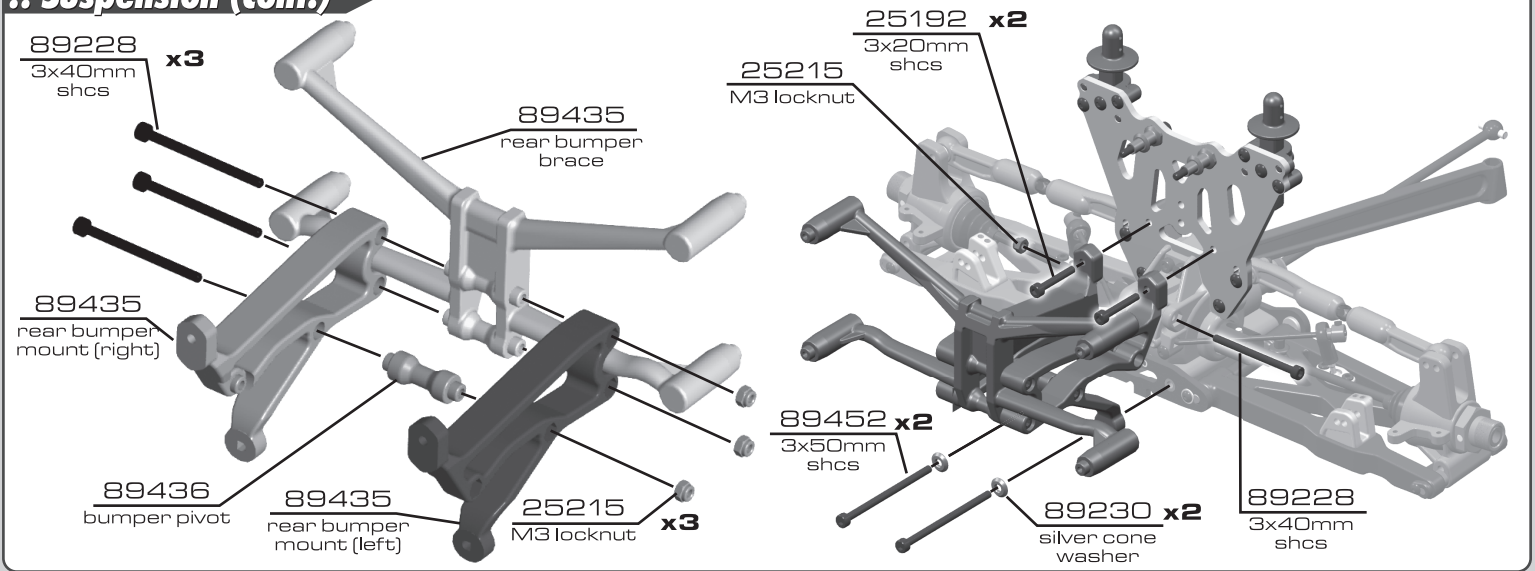


**:: Suspension (cont.)**

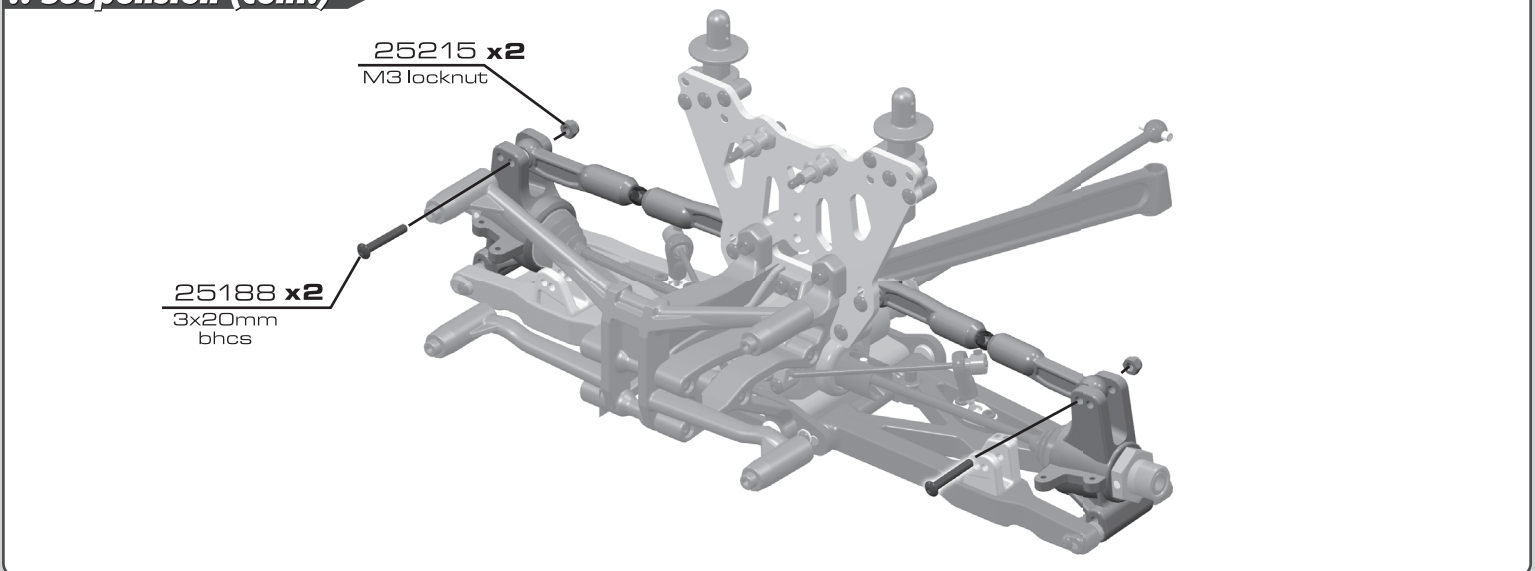




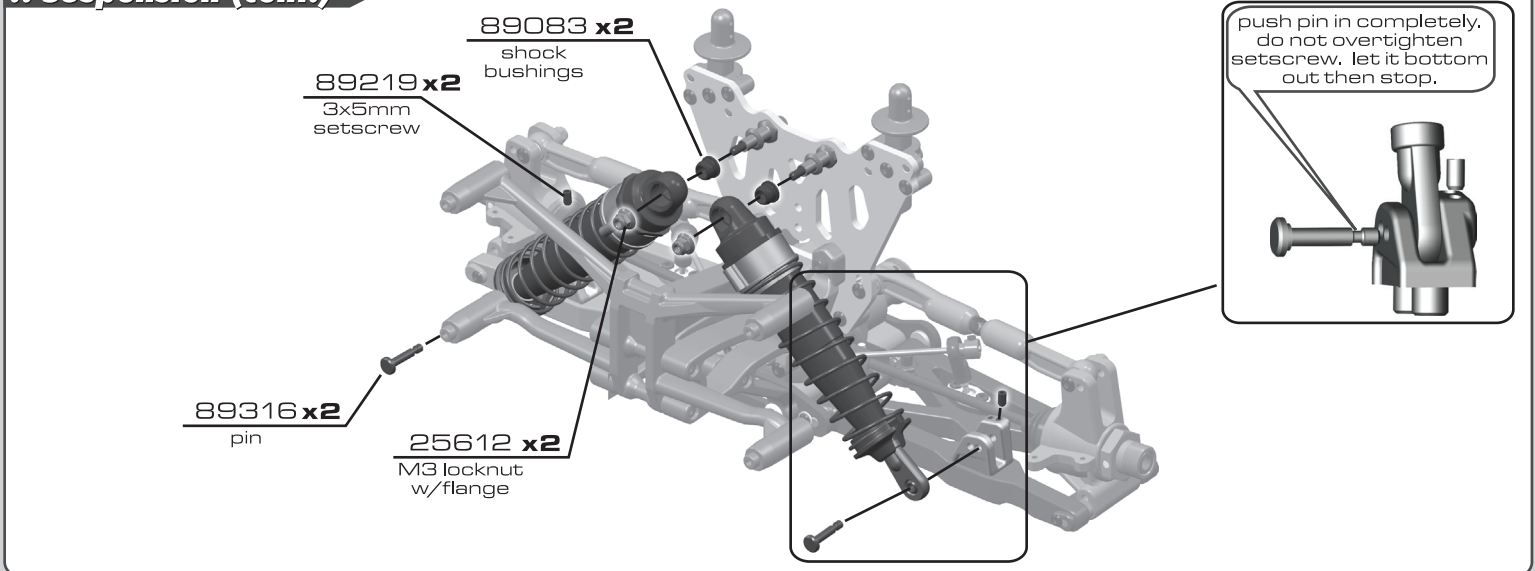
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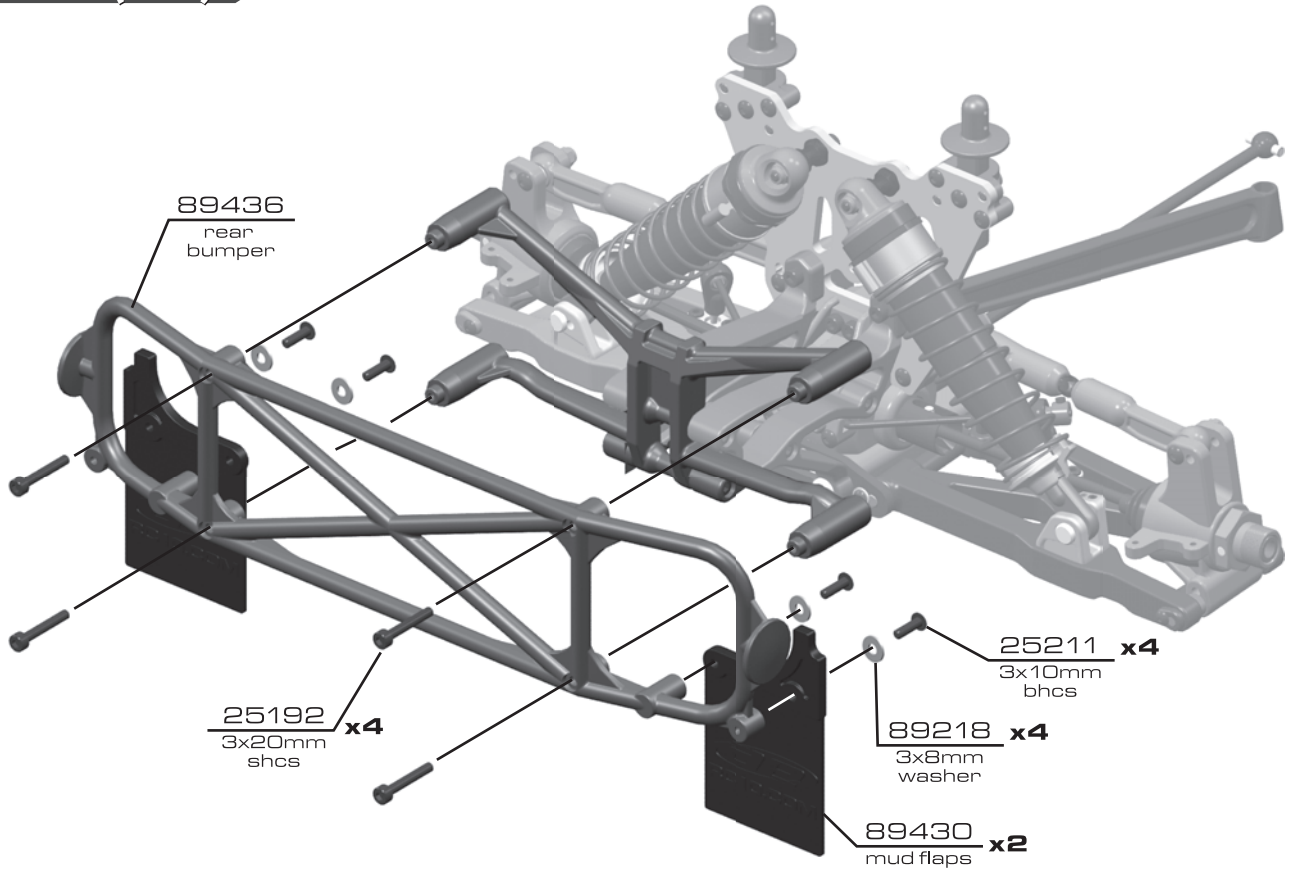
**:: Suspension (cont.)**



**:: Suspension (cont.)**

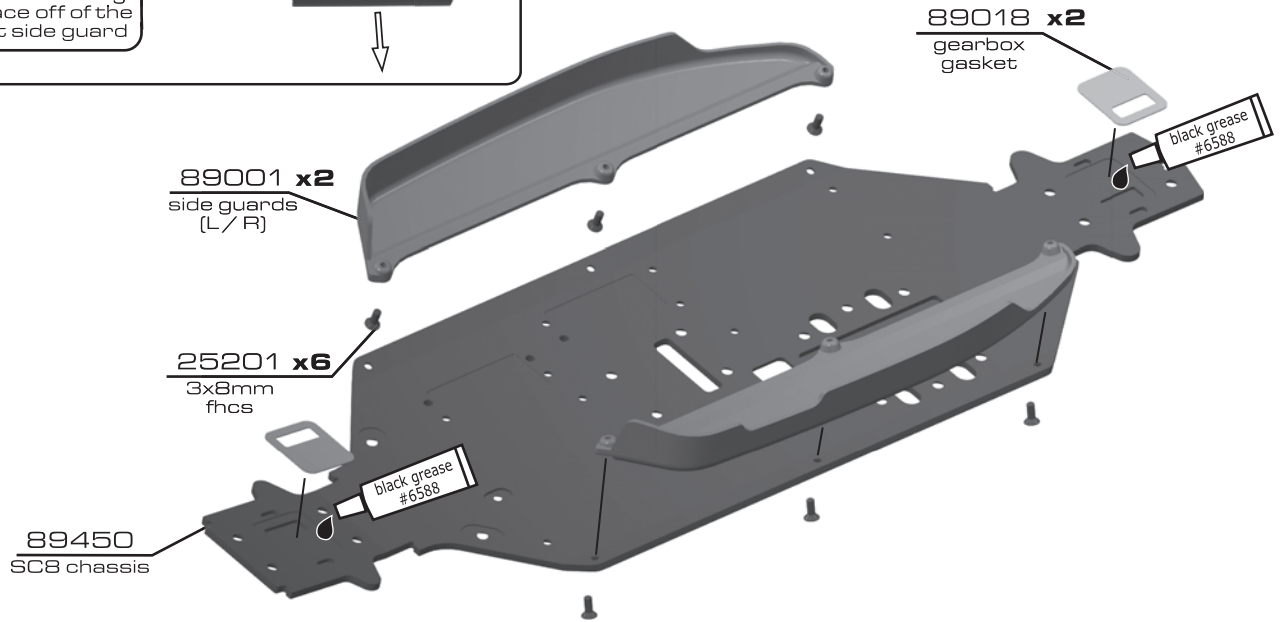
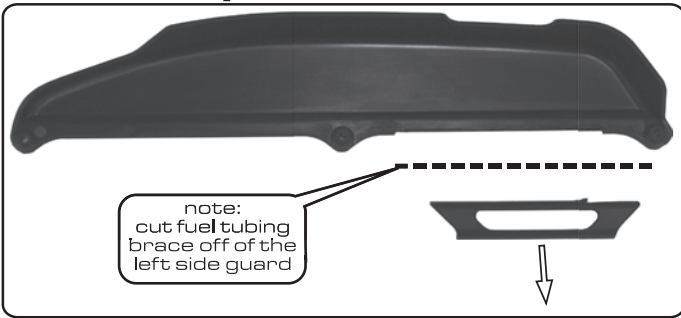


:: Suspension (cont.)

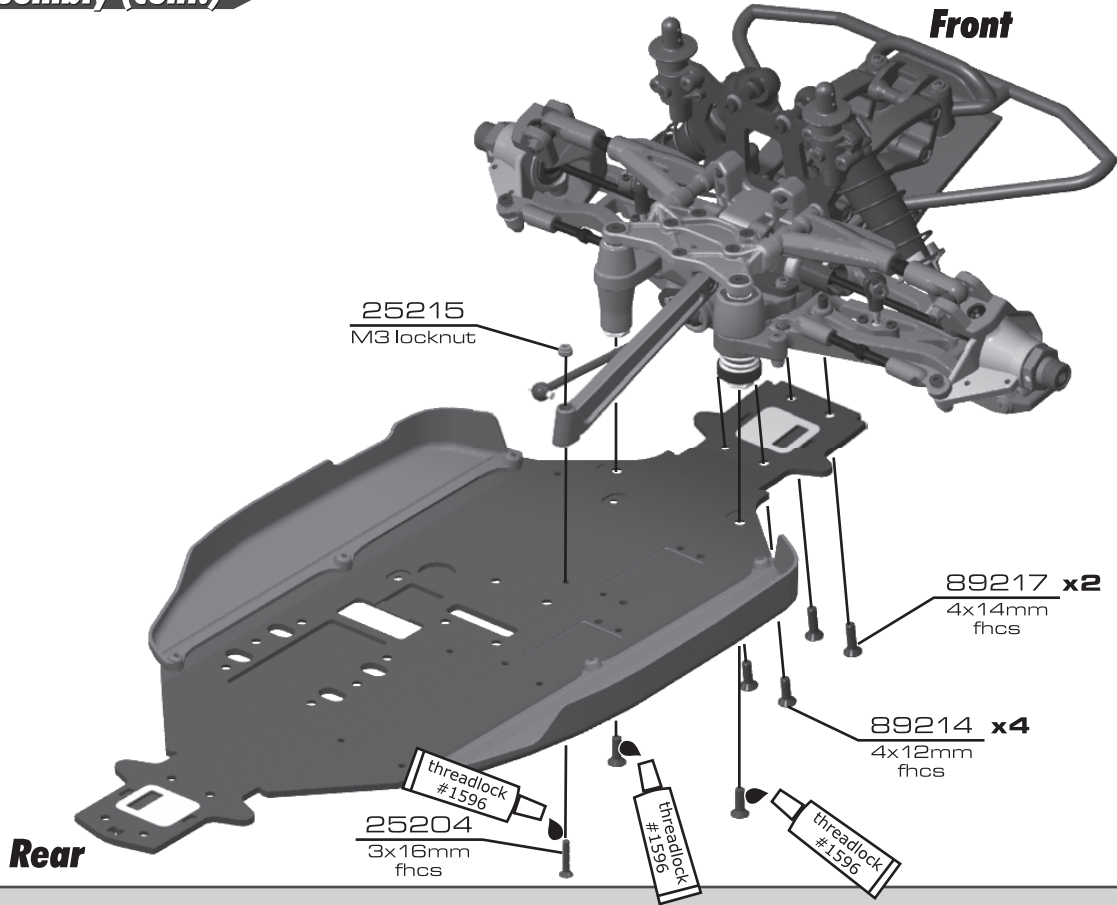


:: Chassis Assembly

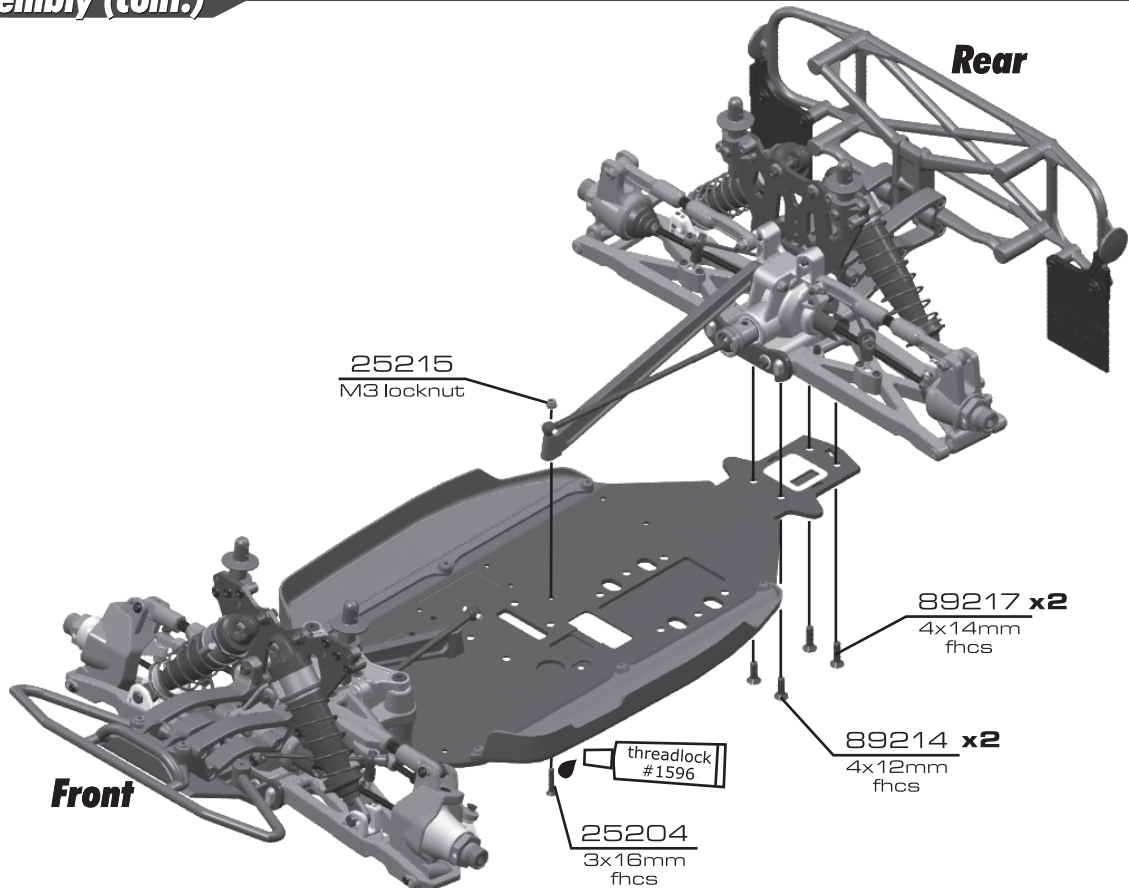
BAG I



**:: Chassis Assembly (cont.)**



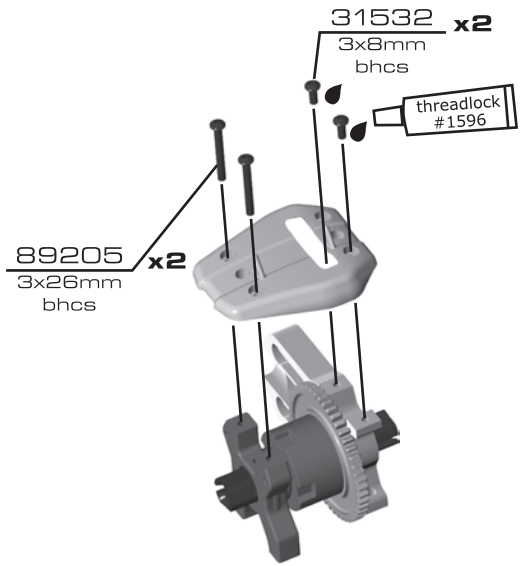
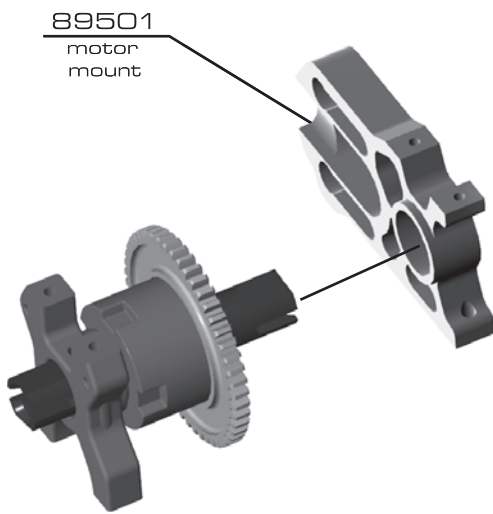
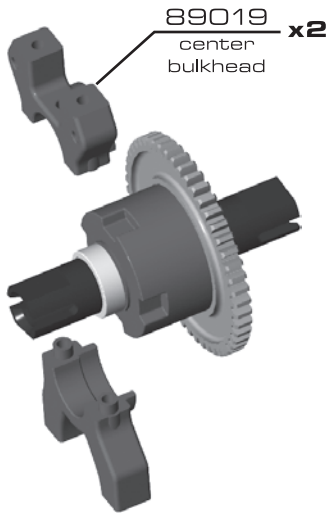
**:: Chassis Assembly (cont.)**





**:: Center Bulkhead**

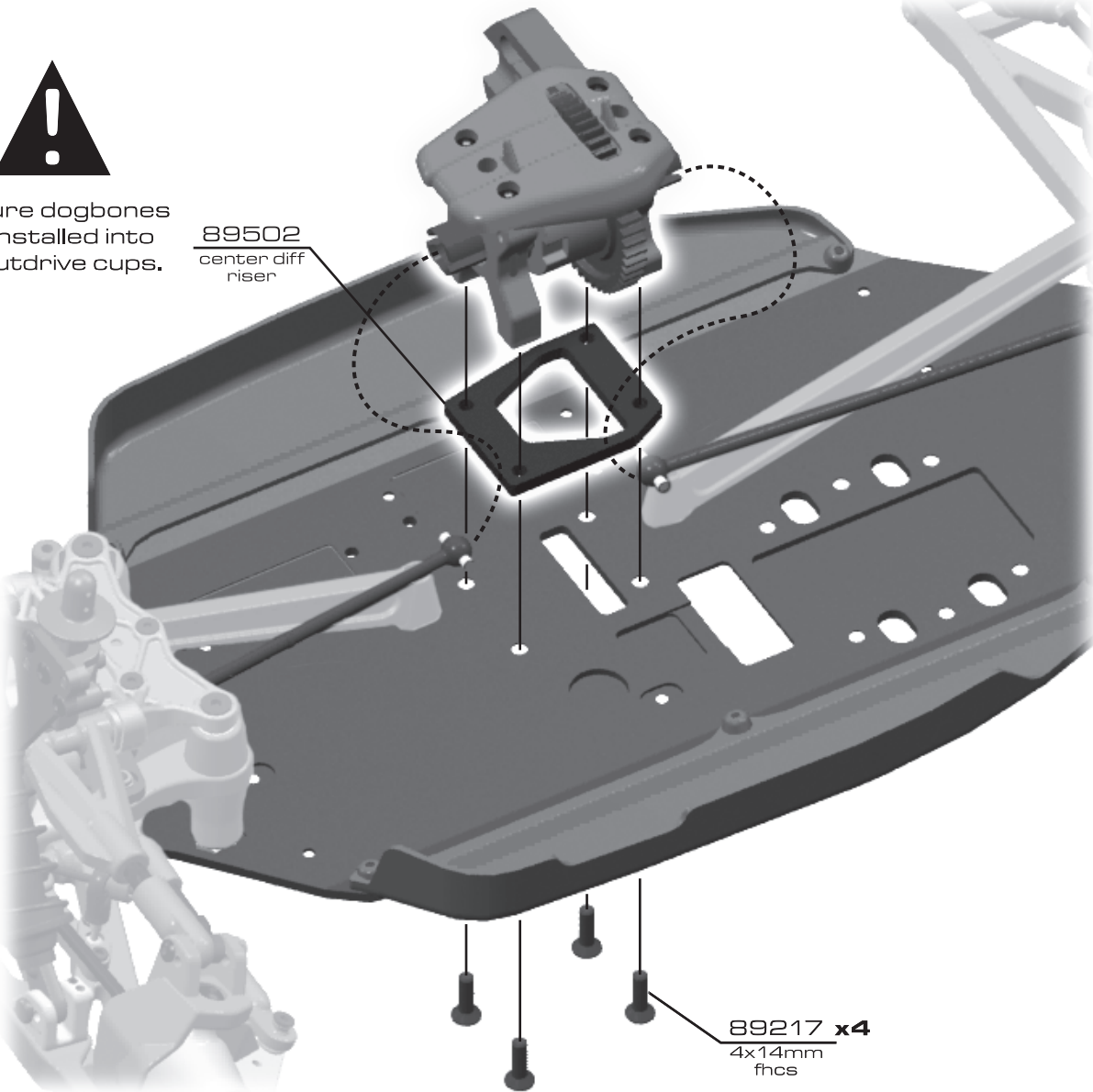
**BAG J**



**:: Center Bulkhead (cont.)**

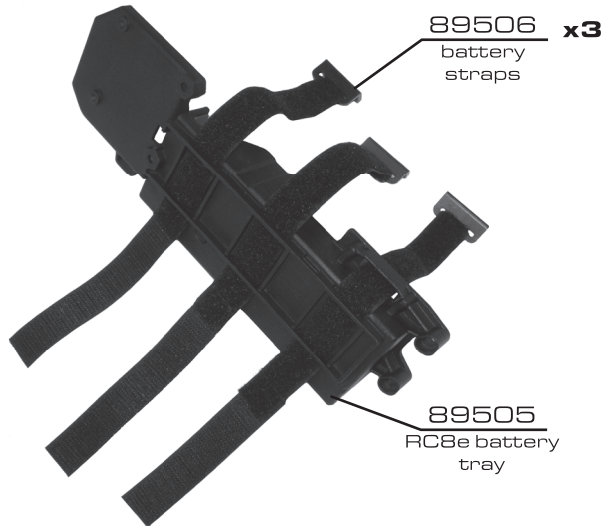


\*Ensure dogbones are installed into diff outdrive cups.

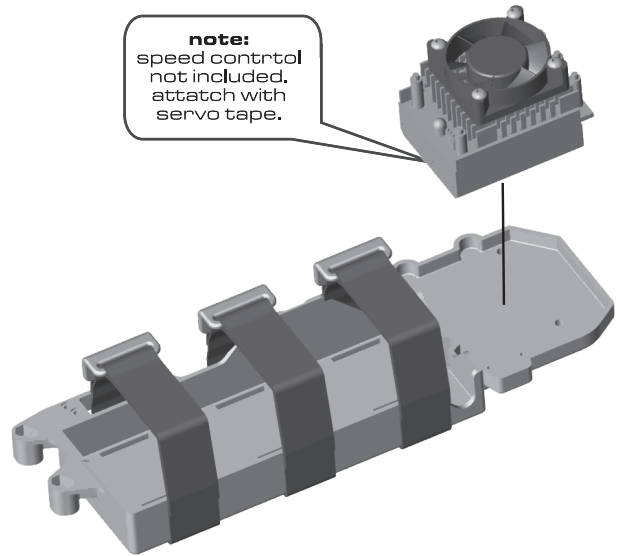


**:: Battery / Radio Tray Build**

**BAG K**



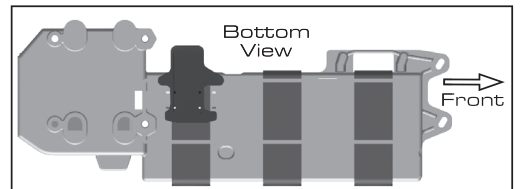
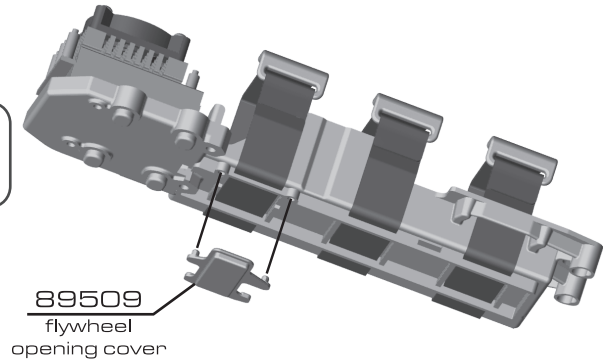
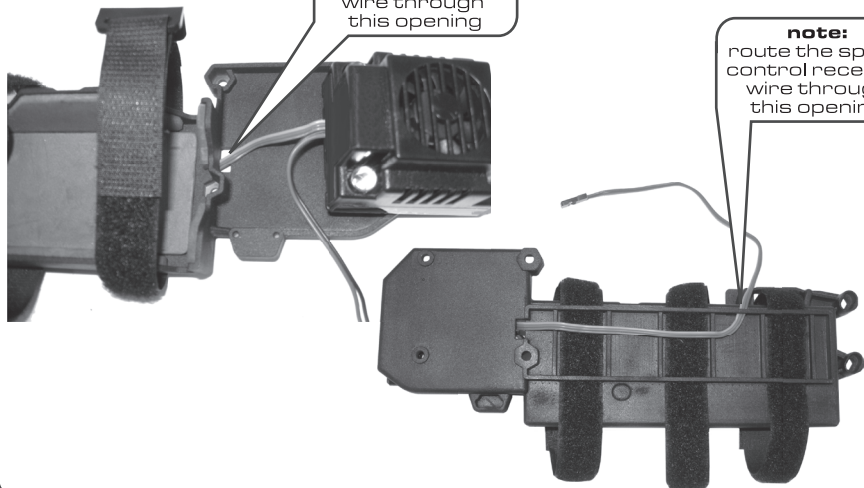
**note:**  
speed control  
not included.  
attach with  
servo tape.



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

**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  
battery tray  
bridge

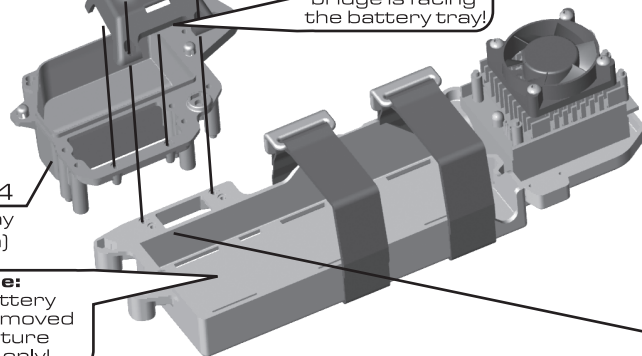
89222 x4  
2.5x8mm  
shcs

**note:**  
the cutout on  
the battery tray  
bridge is facing  
the battery tray!

**note:**  
there are two  
different positions  
for the bridge screws  
depending on what  
vehicle you have.

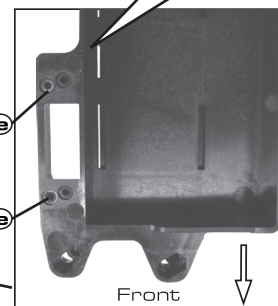
89504  
radio tray  
(bottom)

**note:**  
end battery  
strap removed  
for picture  
clarity only!



SC8e

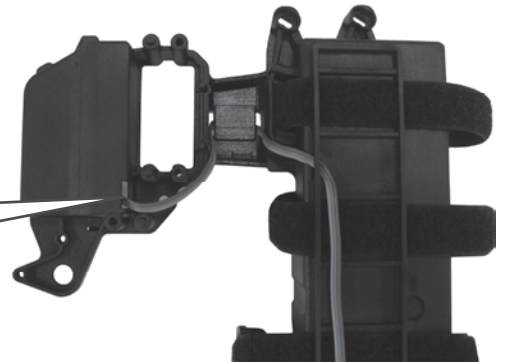
SC8e



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

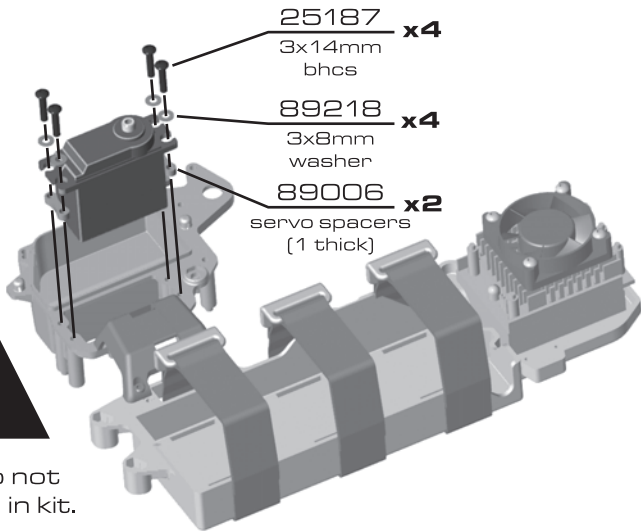


**note:**  
route the speed control receiver wire up and over the bridge



**note:**  
route the speed control receiver wire through the radio box hole

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



25187  
3x14mm  
bhcs x4

89218  
3x8mm  
washer x4

89006  
servo spacers  
(1 thick) x2



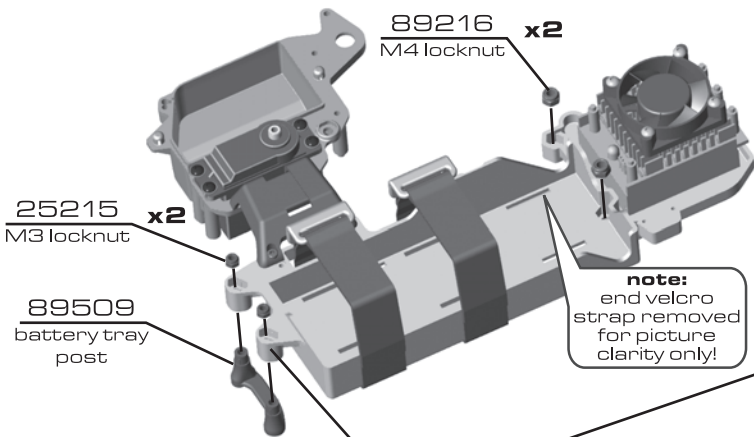
\*Servo not included in kit.



**note:**  
route the servo wire to the receiver through this opening

optional transponder mount location

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



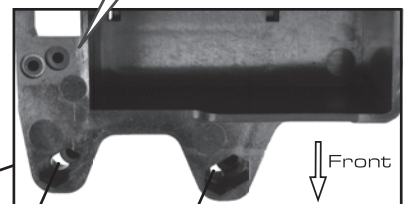
25215  
M3 locknut x2

89509  
battery tray post

89216  
M4 locknut x2

**note:**  
end velcro strap removed for picture clarity only!

**note:**  
there are two different positions for the locknuts depending on what vehicle you have.



SC8e

SC8e

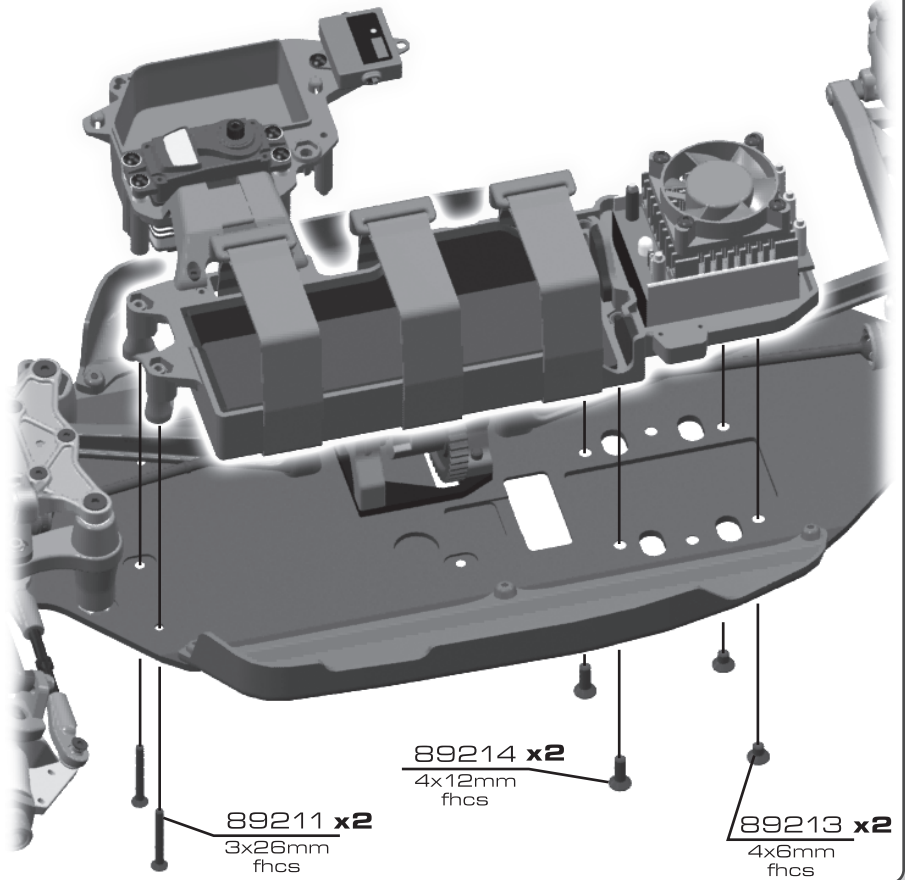
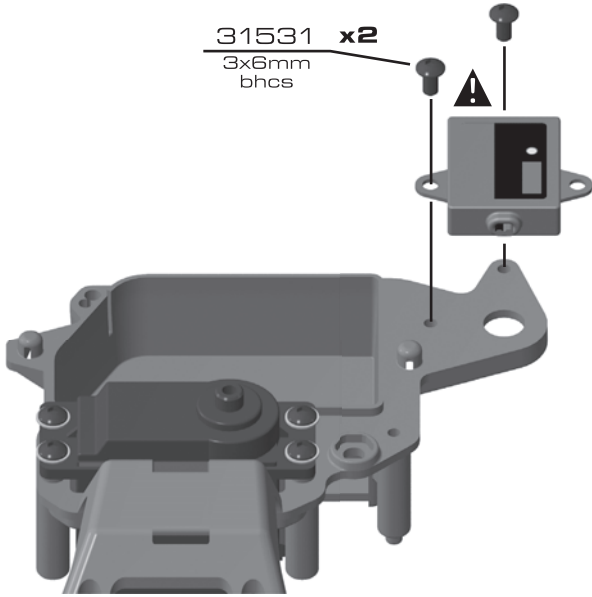
Front

**:: Battery / Radio Tray Install**



\*screws and transponder not included in kit

**31531 x2**  
3x6mm  
bhcs

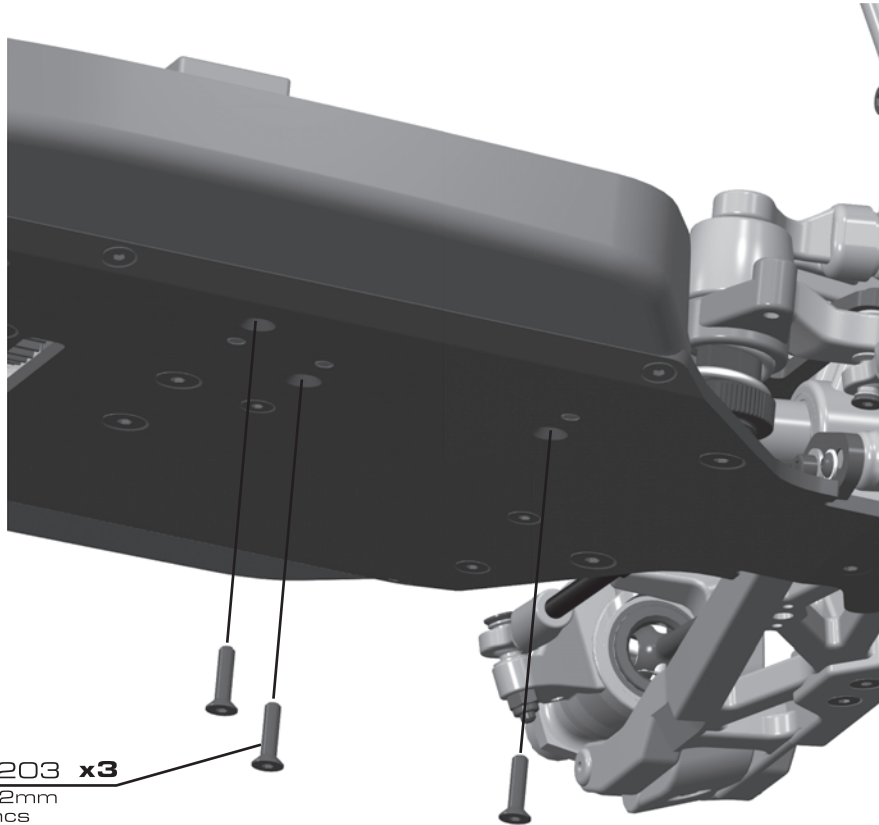


**89211 x2**  
3x26mm  
fhcs

**89214 x2**  
4x12mm  
fhcs

**89213 x2**  
4x6mm  
fhcs

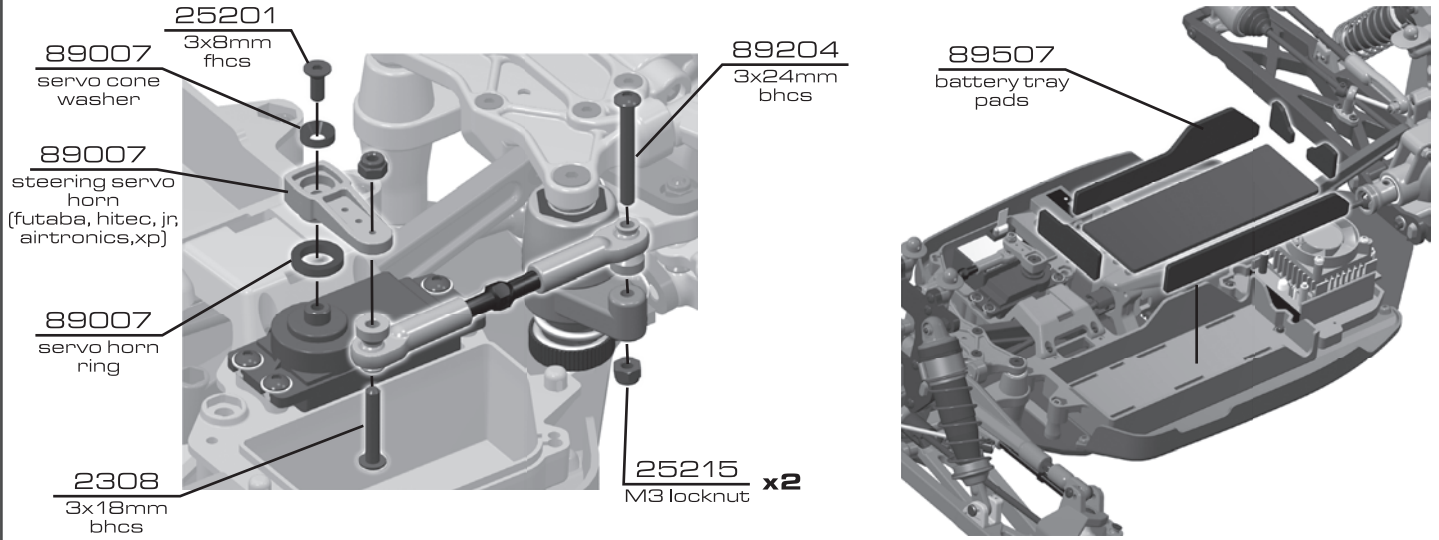
**:: Battery / Radio Tray Install (cont.)**



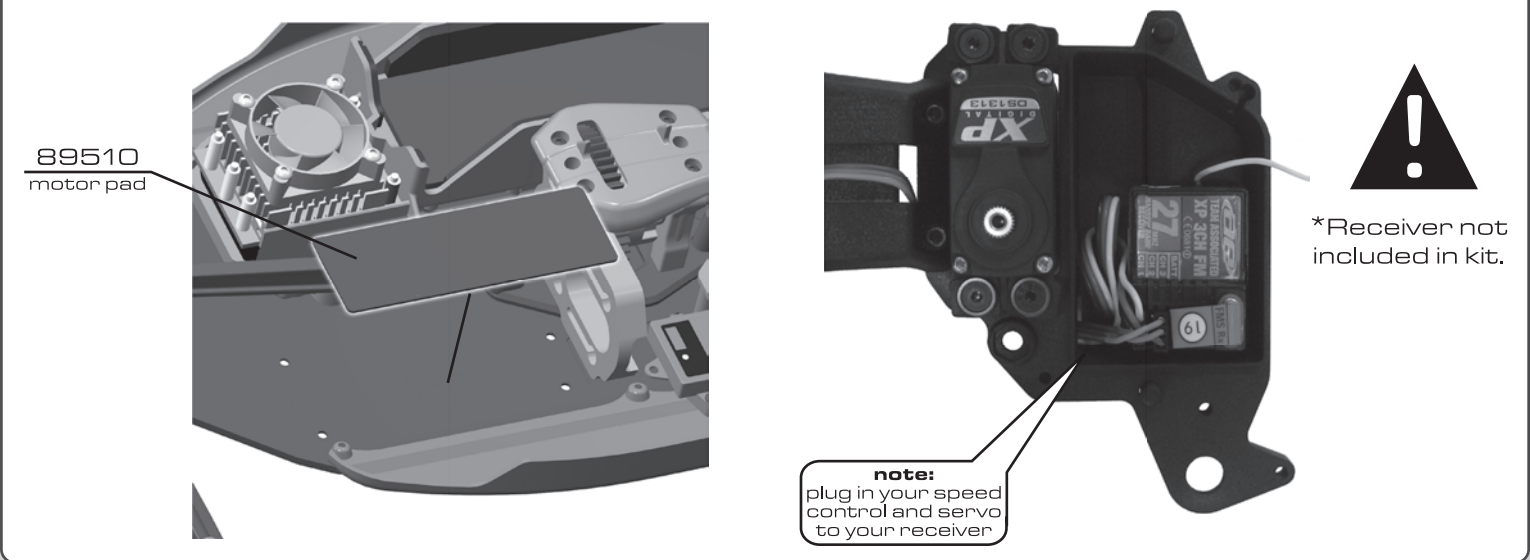
**25203 x3**  
3x12mm  
fhcs



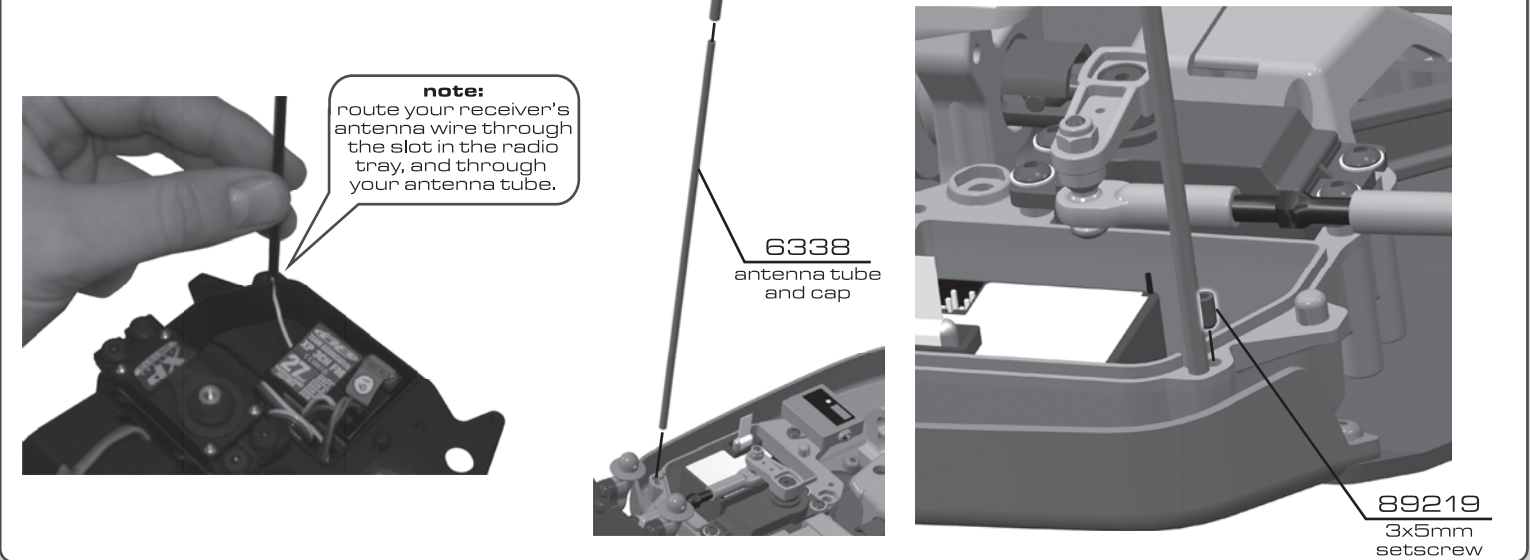
**:: Battery / Radio Tray Install (cont.)**



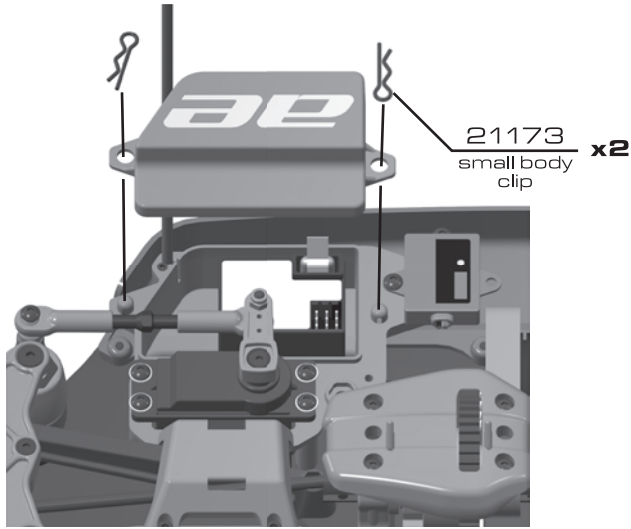
**:: Battery / Radio Tray Install (cont.)**



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

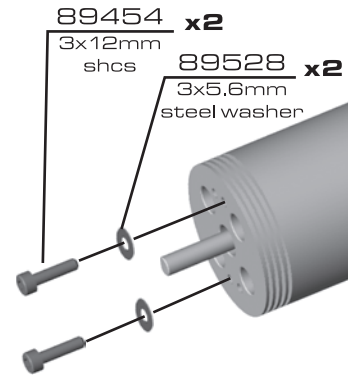


**:: Battery / Radio Tray Install (cont.)**



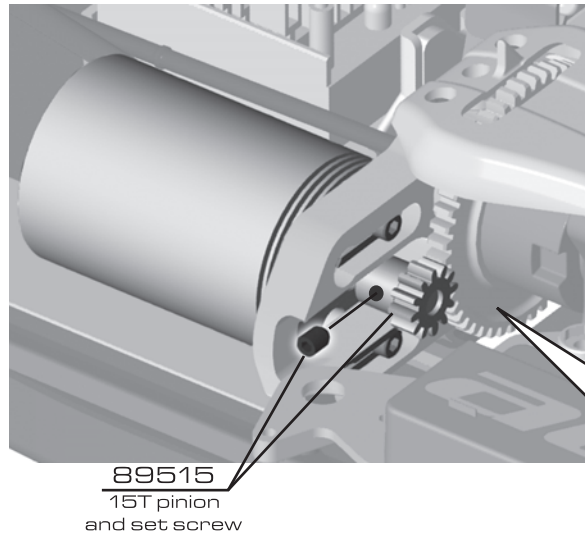
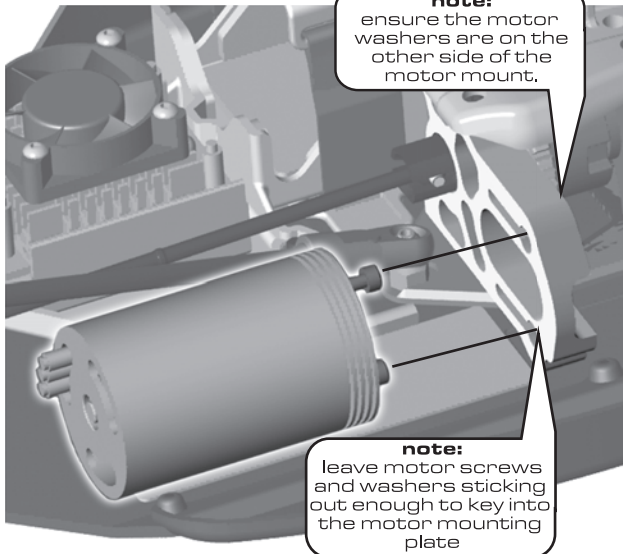
**:: Electronics**

**BAGL**



\*Motor not included in kit.

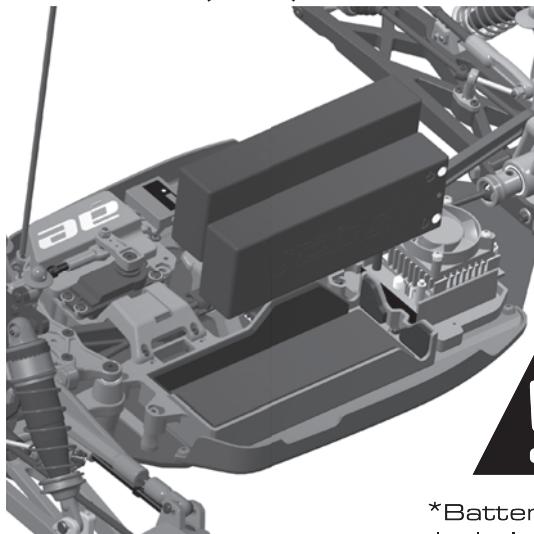
**:: Electronics (cont.)**



\*Follow your motor manufacturer's recommendations for gearing.

**note:**  
set gear mesh and tighten motor to the bulkhead with the included L wrench.

**:: Electronics (cont.)**



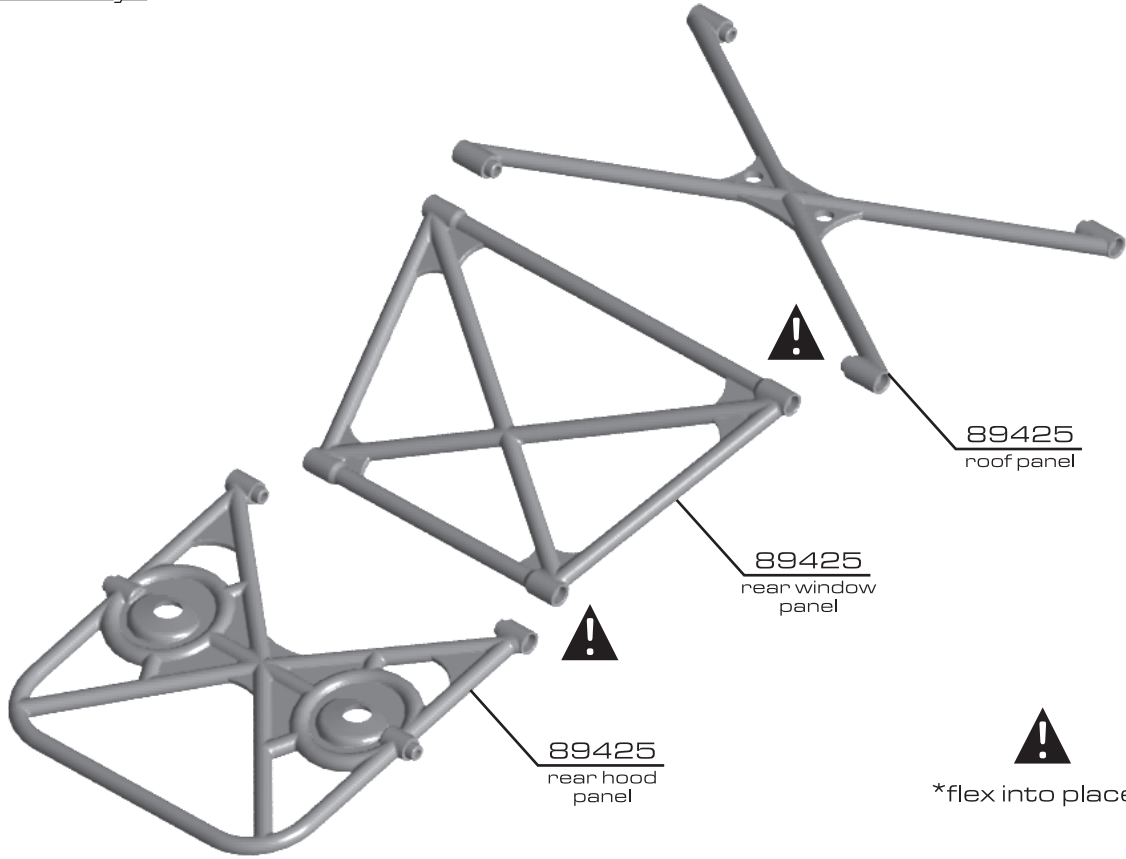
\*Batteries not included in kit.



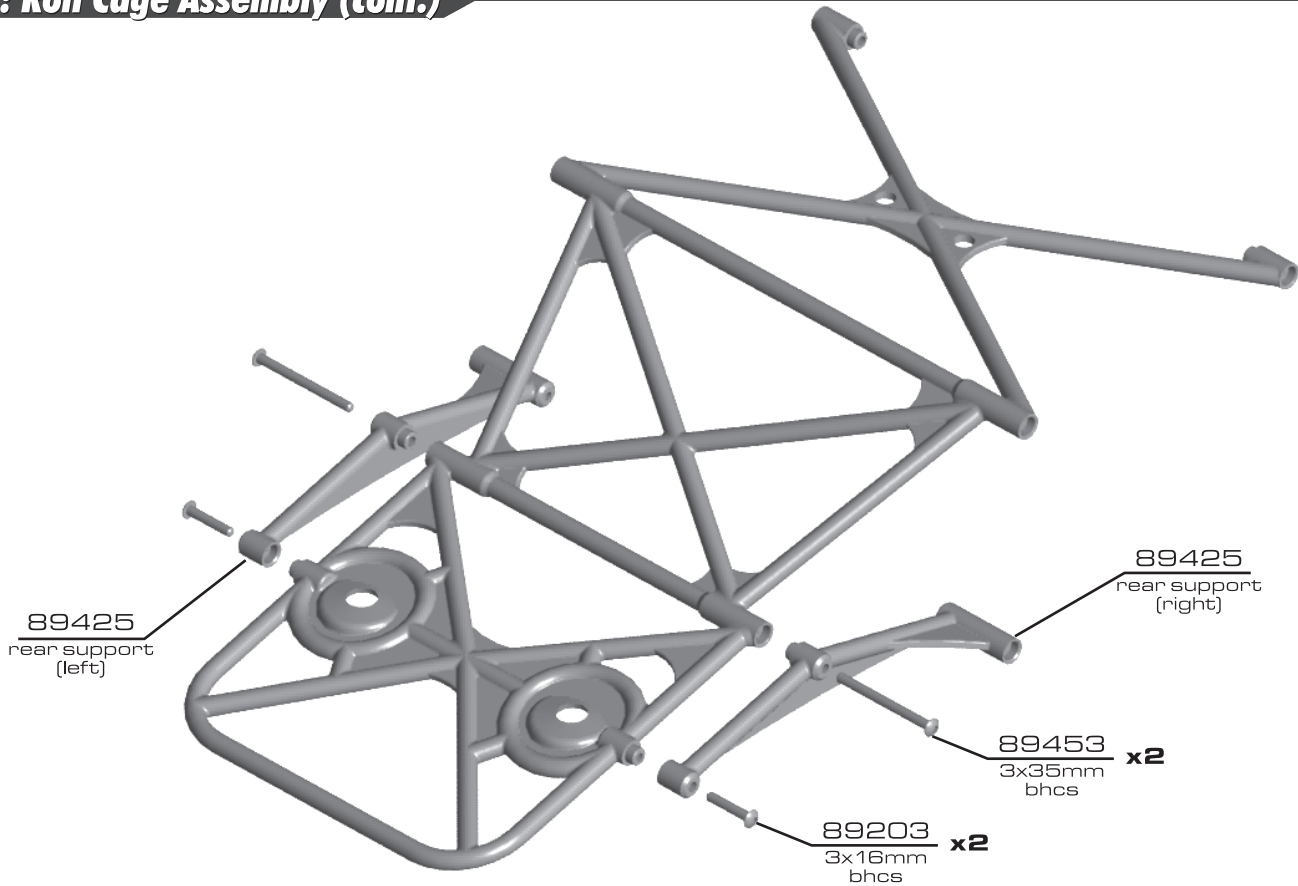
\*Follow your battery manufacturer's recommendations for wiring setups.

:: Roll Cage Assembly

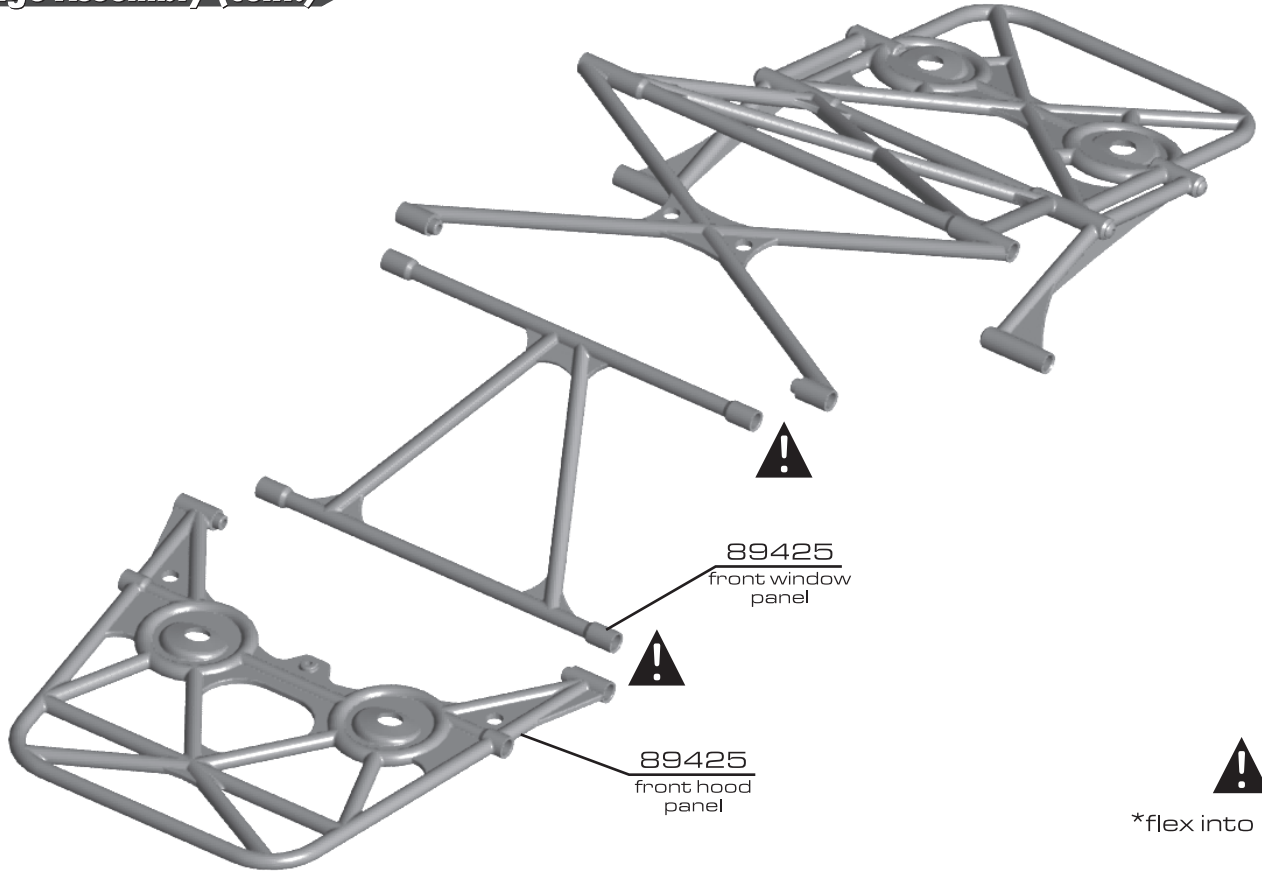
BAG M



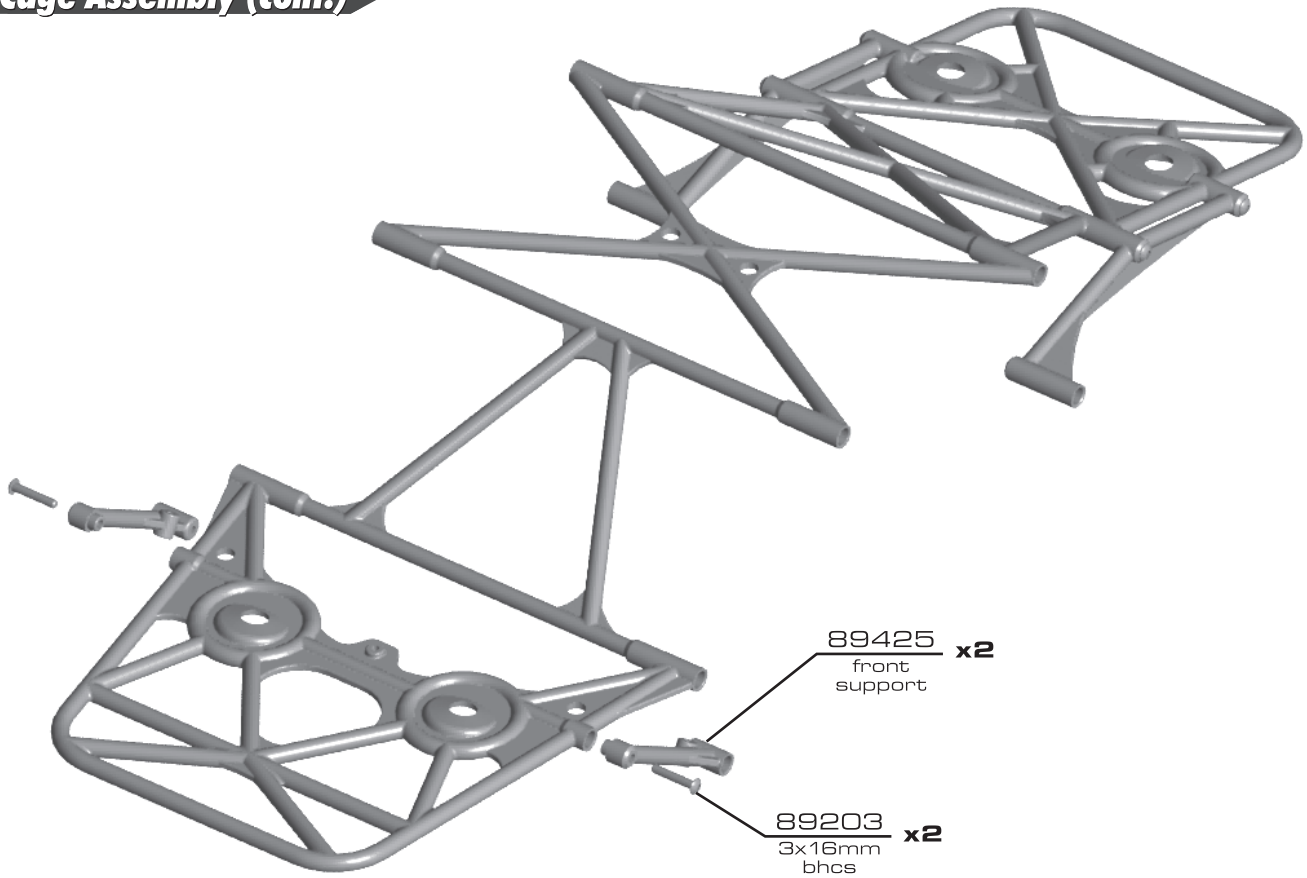
:: Roll Cage Assembly (cont.)



:: Roll Cage Assembly (cont.)

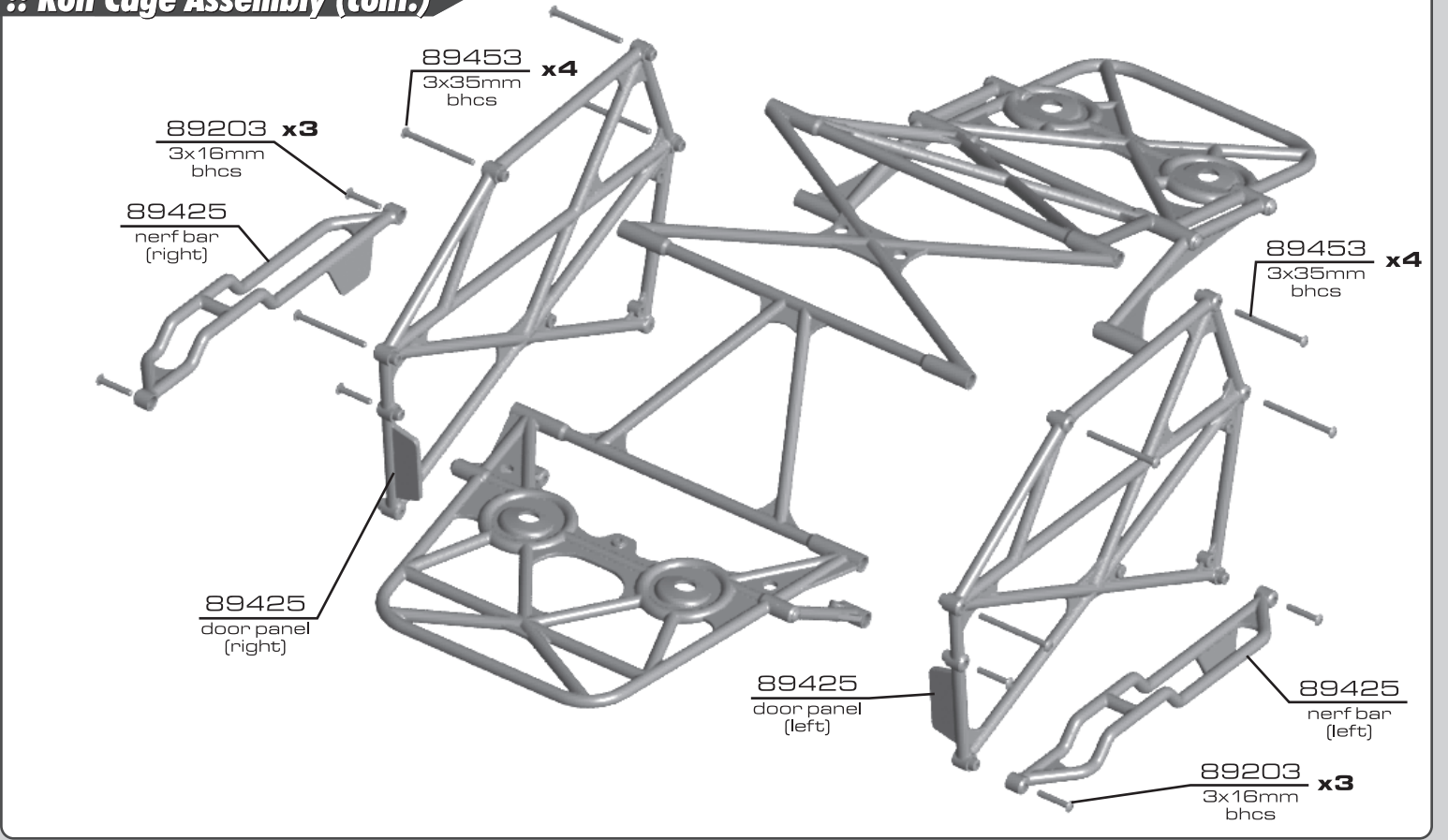


:: Roll Cage Assembly (cont.)

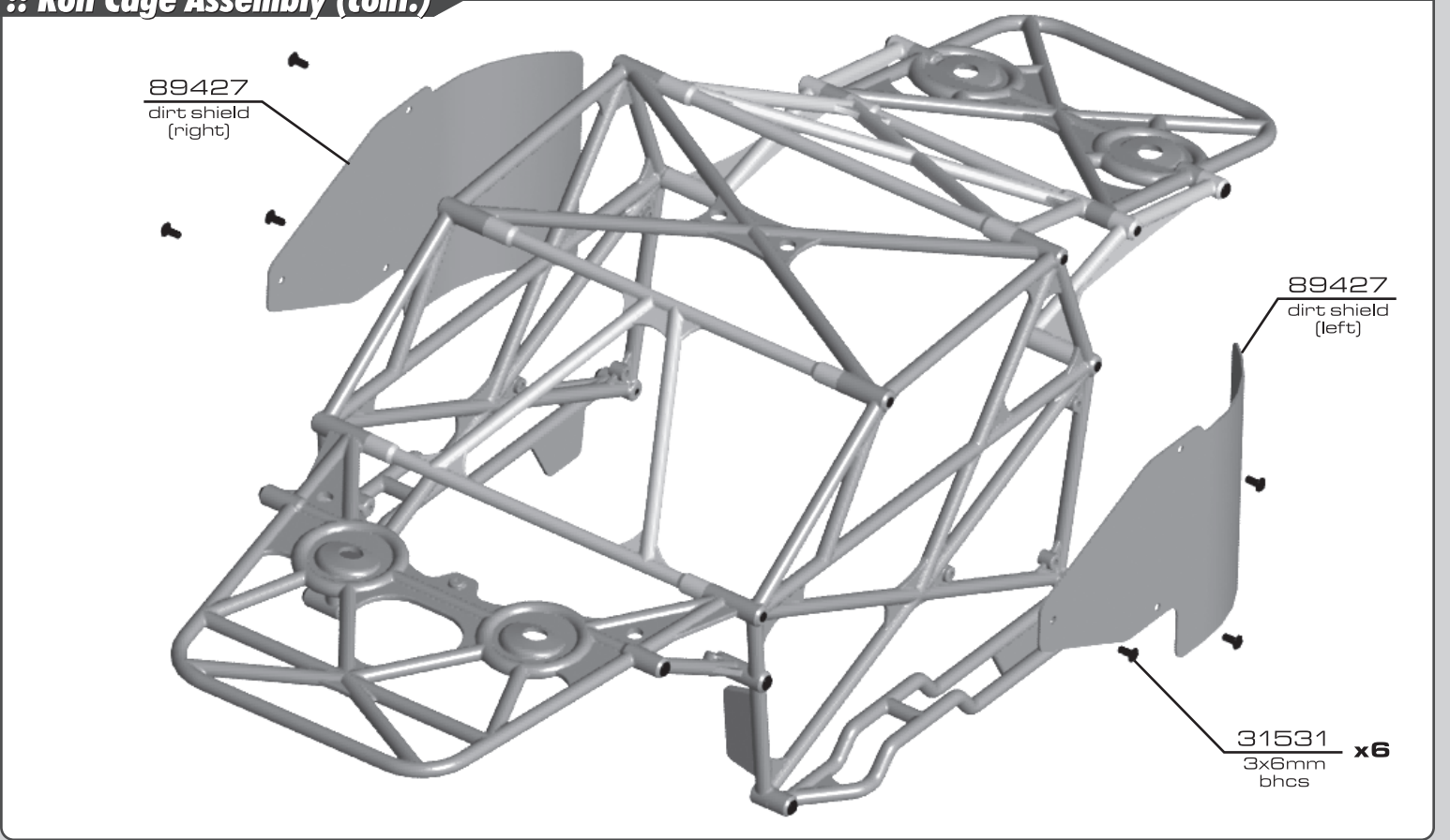




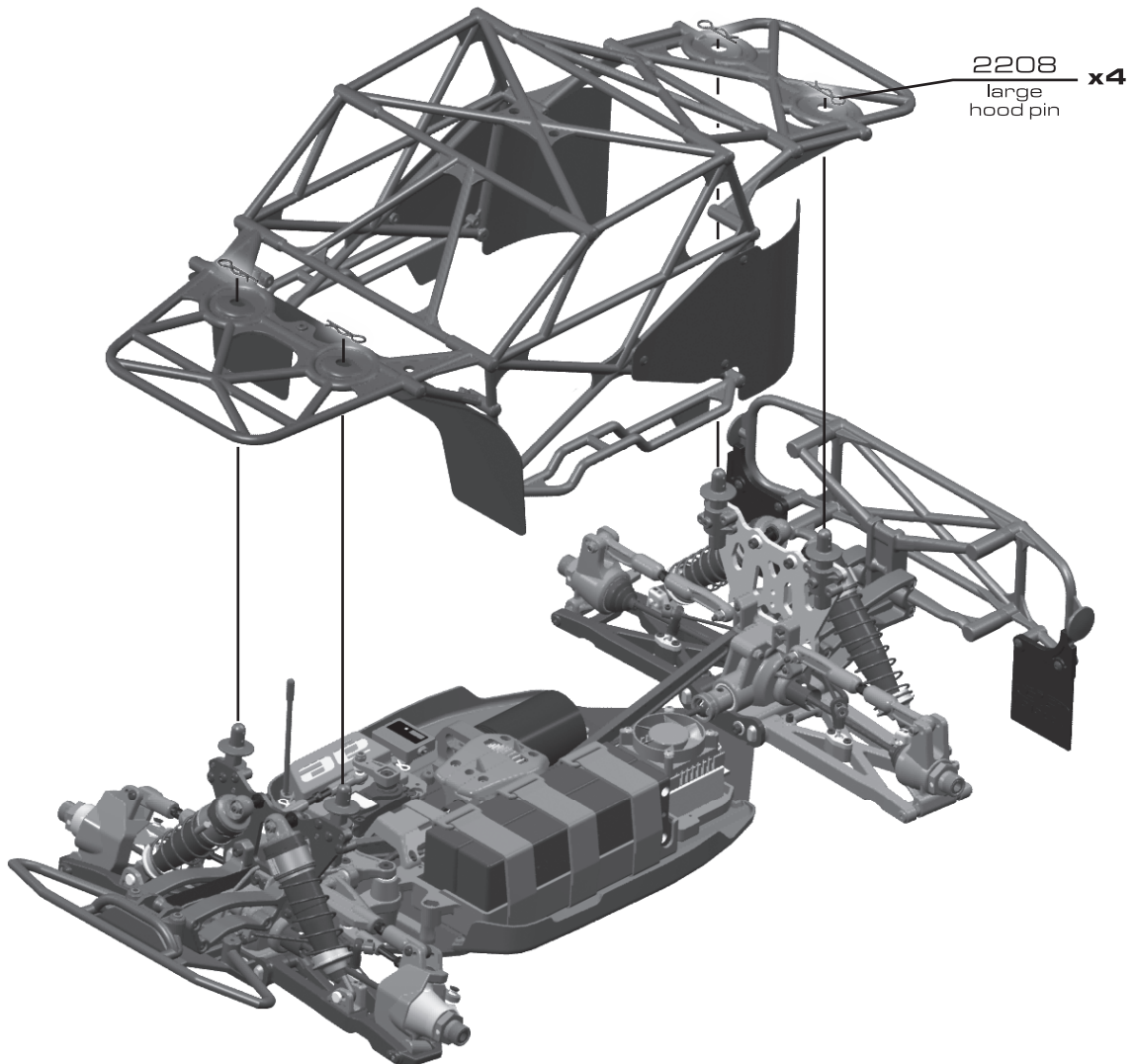
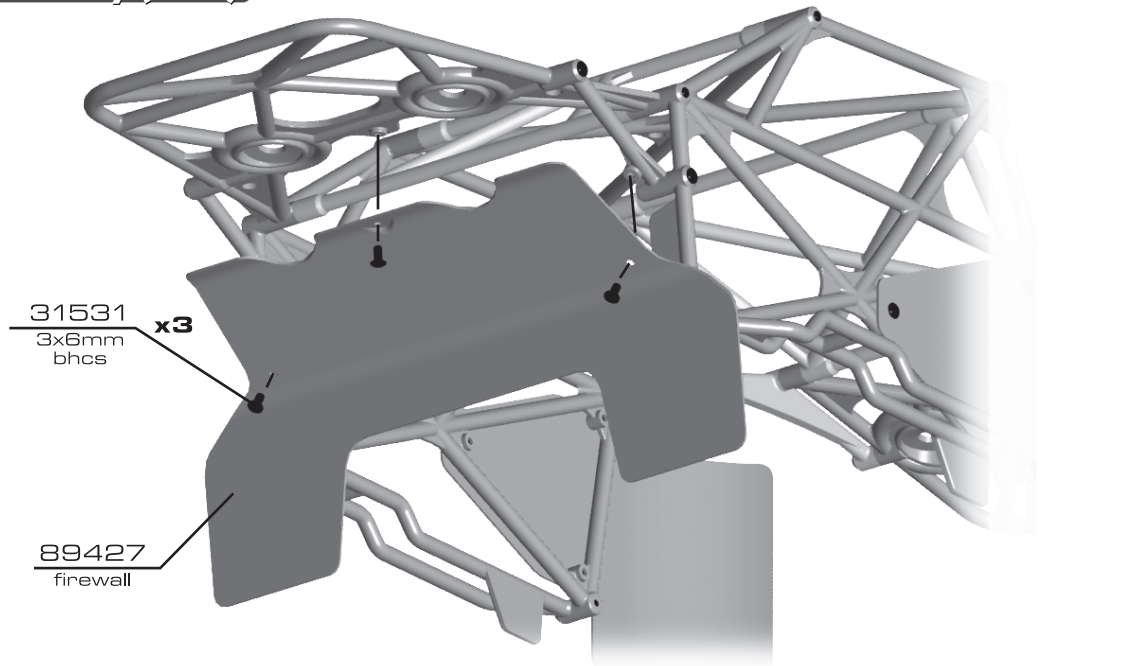
**:: Roll Cage Assembly (cont.)**



**:: Roll Cage Assembly (cont.)**



:: Roll Cage Assembly (cont.)



**:: Wheel Assembly**

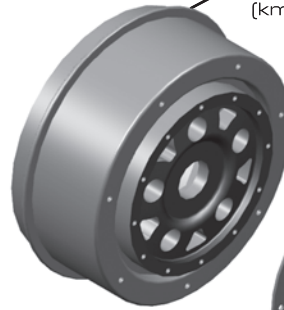
89422  
SC8 tire



89422  
tire foam



89402  
wheel  
(kmc black)



89416 x12  
2x4mm  
bhcs  
(black)

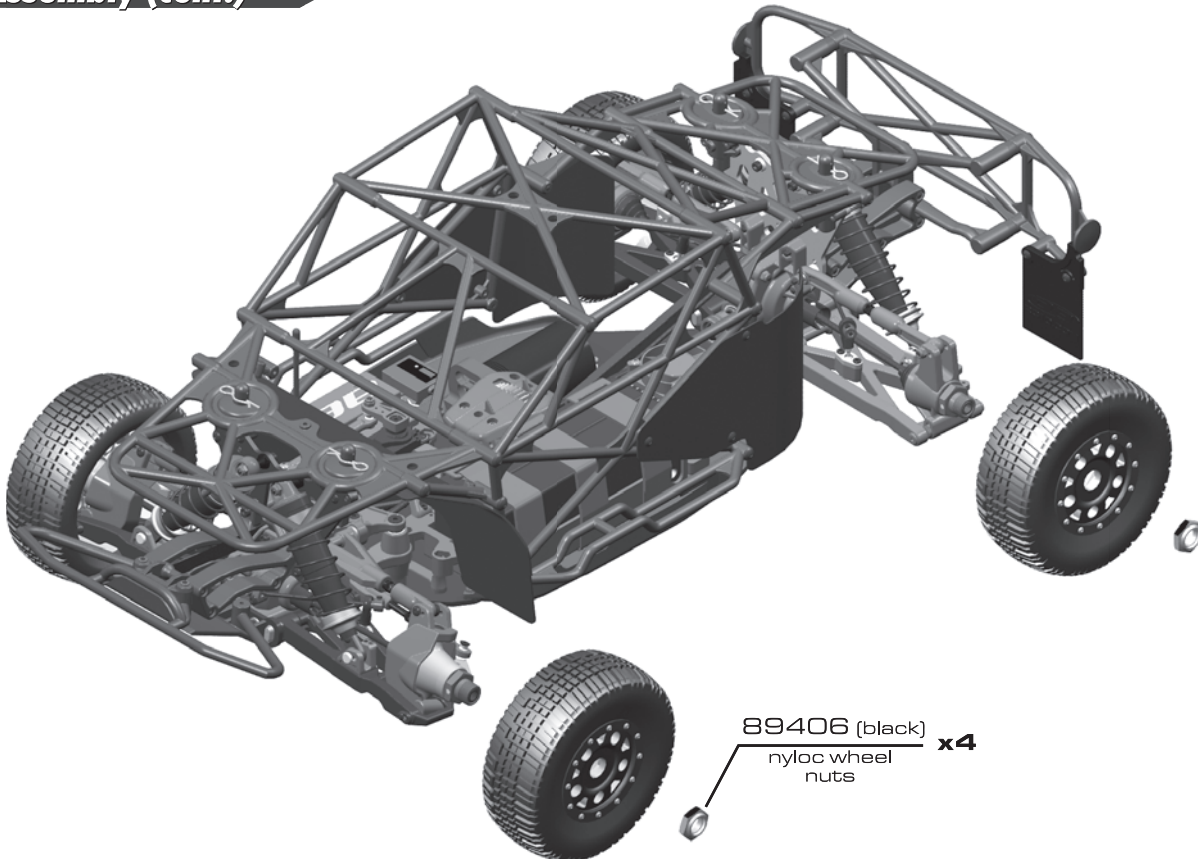


89412  
beadguard  
(gold)



\*Use tire adhesive (CA) to mount tires.

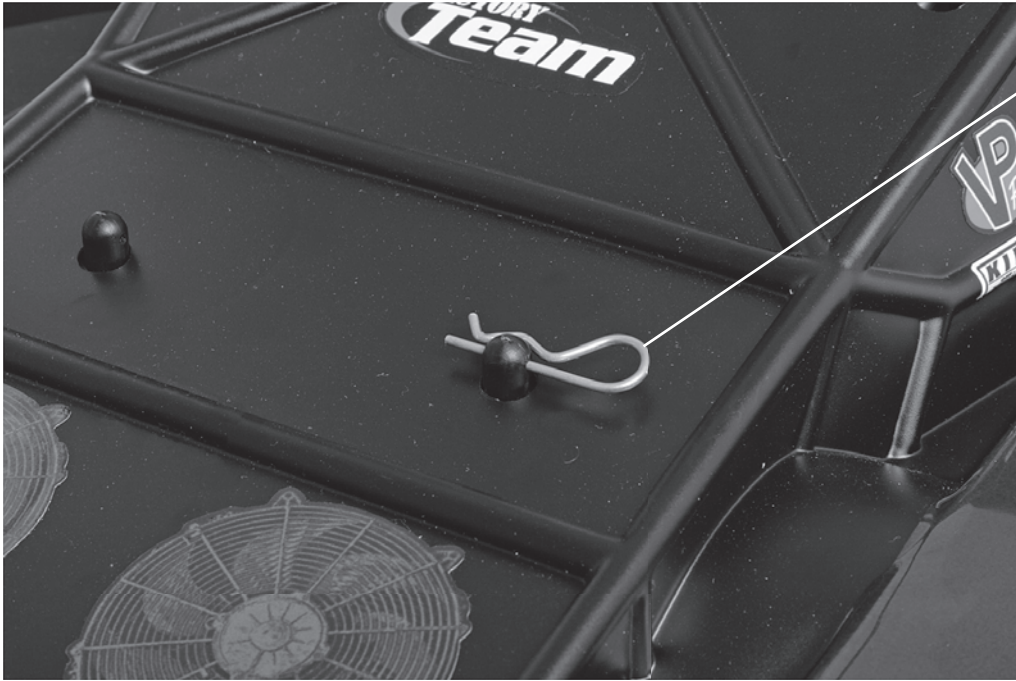
**:: Wheel Assembly (cont.)**



89406 (black) x4  
nyloc wheel  
nuts

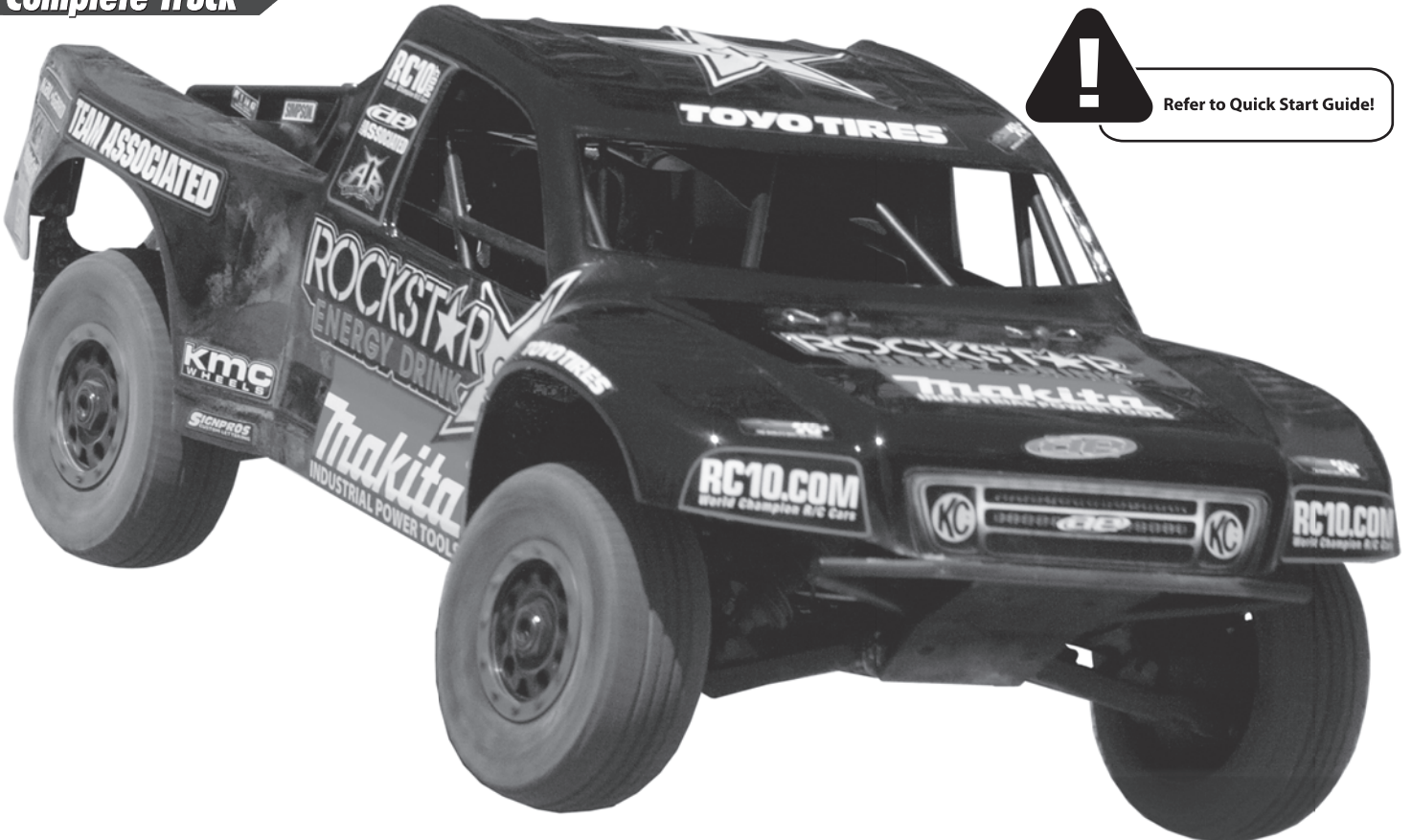


:: Body Install



2208 x4  
large  
hood pin

:: Complete Truck



Refer to Quick Start Guide!



## :: Chassis

### **Gearing:**

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

\*A higher kv motor, will require a smaller pinion gear

### **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 SC8e. 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 assembled the differentials with 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 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 2-dot up 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. 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.

**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 AE # 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:**

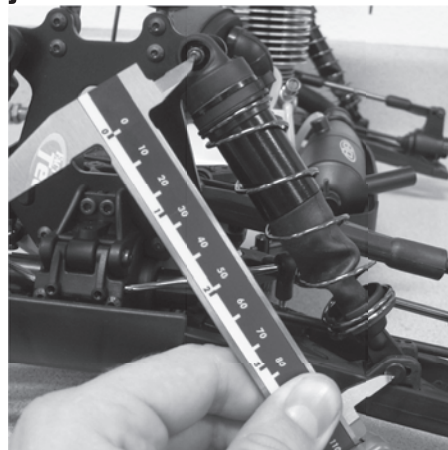
The rear ride height setting you should use most often is 29mm of gap between the chassis bottom and ground. Check the ride height with the FT Ride Height Gauge (# 1449) by lifting up the entire vehicle about 8-12 inches off the bench and drop it. After the suspension "settles" into place, then raise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

**Rear Arm Shock Location:**

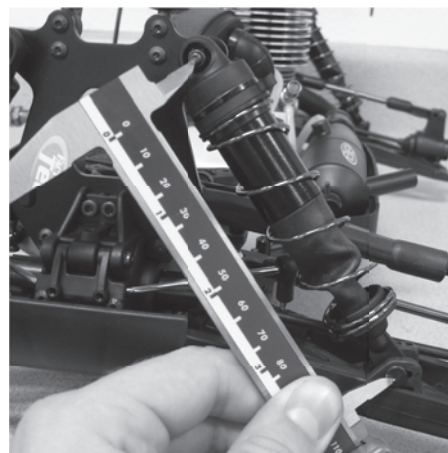
Inside on the arm will give less entry steering, accelerates better straightline through bumps, but may lack side bite. Outside on the arm will be less grip, more steering, but will be more predictable when it breaks traction.

## :: 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.

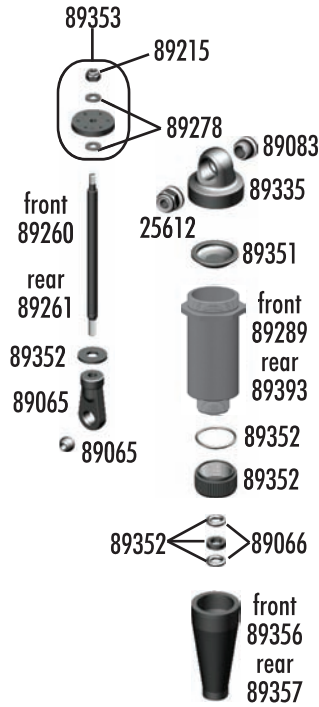
### Setup Sheets:

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
89260	29mm RTR shock shaft, front	2
89261	38mm RTR shock shaft, rear	2
89278	2.5mm washer	20
89288	16x29mm molded shock kit, Set	1
89289	16x29mm molded shock body	2
89335	16mm aluminum shock caps	2
89351	16mm shock bladders	8
89352	16mm shock rebuild kit, Set	1
89353	16mm shock pistons, Set	1
89354	16mm shock spring cups	4
89356	16x29/32mm front shock boot	4
89357	16x38mm rear shock boot	4
89393	16x38mm molded shock body	2
89396	16mm RTR pre-load clips, shock collar, Set	1
89400	16x38mm molded shock kit, 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)	Pr.
89348	16x38mm rear spring silver (3.3 lbs)	Pr.
89349	16x38mm rear spring bronze (4 lbs)- Kit	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.



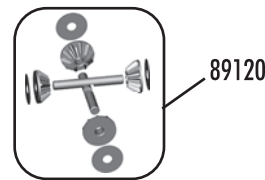
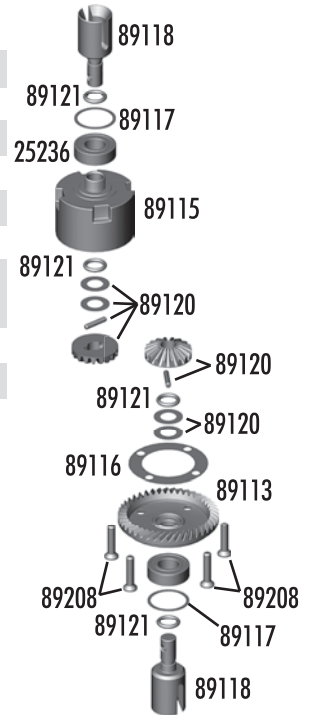
**:: Lubes and Adhesives**

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



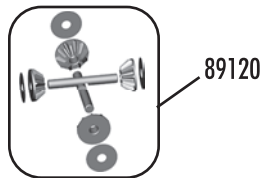
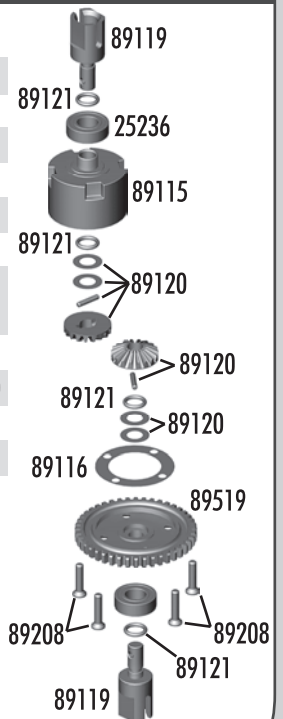
**:: Front and Rear Diffs**

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	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**

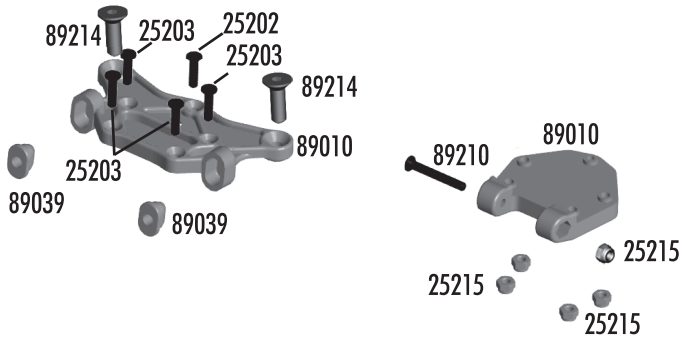
5450	Silicone Diff Fluid 1000CST	1
5451	Silicone Diff Fluid 2000CST	1
5452	Silicone Diff Fluid 3000CST	1
5453	Silicone Diff Fluid 5000CST	1
5454	Silicone Diff Fluid 7000CST	1
5455	Silicone Diff Fluid 10000CST	1





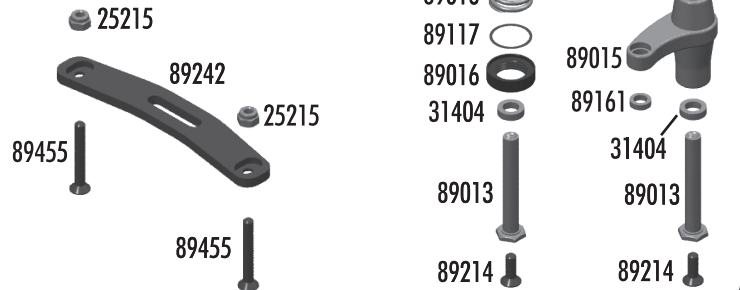
**:: Top Plate**

25202	3x10mm FHCS	20
25203	3x12mm FHCS	20
25215	M3 locknut	20
89010	Top Plate, upper and lower (kit)	1
89039	Hinge pin bushings, 1/2/3 dot set	1
89210	3x20mm FHCS	10
89214	4x12mm FHCS	10
89234	Blue aluminum top plate (FT)	1
89236	Aluminum top plate (FT)	1



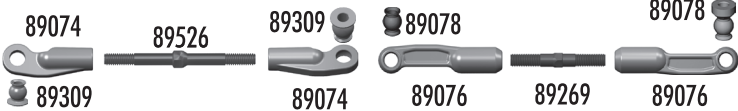
**:: Steering**

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



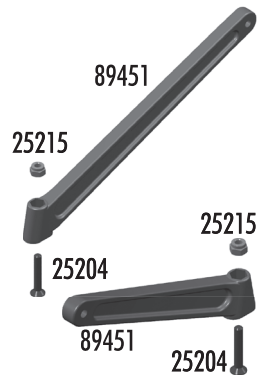
**:: Turnbuckles**

89074	Steering rod ends	4	Front Camber 89269
89076	Camber rod ends	4	
89078	Servo link rod ends, Set	1	
89268	42mm steel turnbuckle	2	
89269	38mm steel turnbuckle	2	
89309	Steering pivot hardware, Set	1	
89526	50mm steel turnbuckle	2	



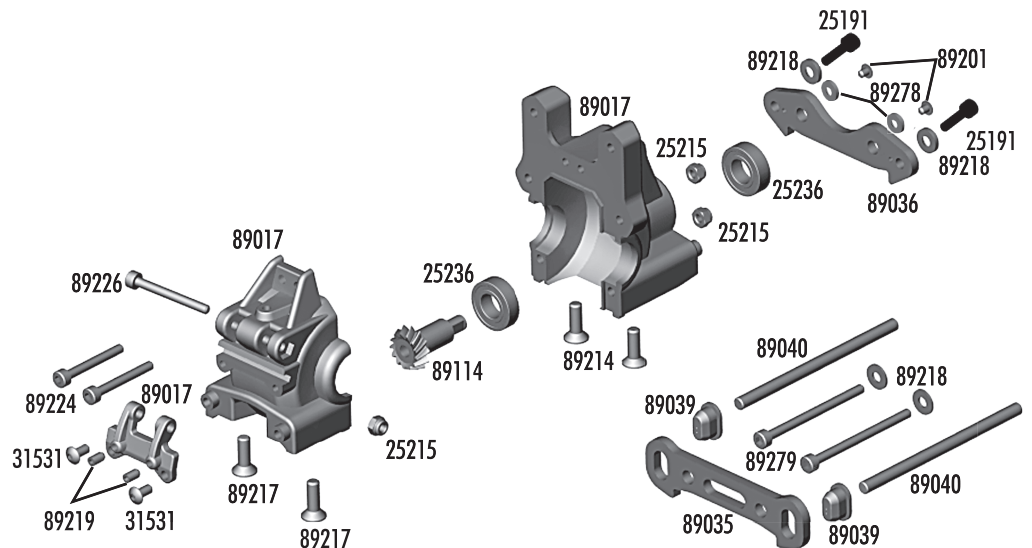
**:: Chassis Braces**

25204	M3 x 16mm FHCS	20
25215	M3 locknut	20
89077	Chassis brace rod ends, set	1
89320	Front chassis brace, set	1
89321	Rear chassis brace, set	1
89378	Aluminum chassis brace front	1
89379	Aluminum chassis brace rear	1
89451	RTR chassis Brace, set	1



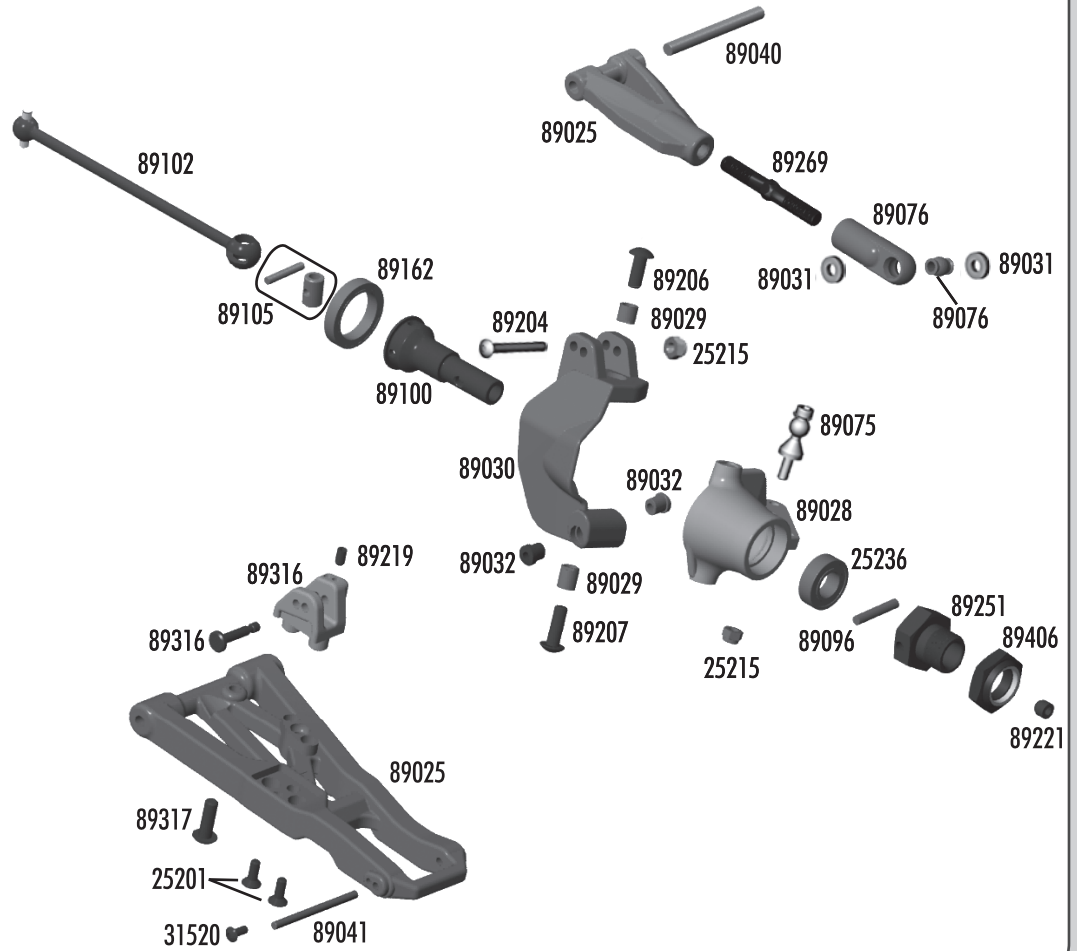
**:: Front Gearbox**

25191	M3x18mm shcs	20
25215	M3 locknut	20
25236	8x16x5 bearings	2
31531	M3x6mm BHCS	10
89017	FR/RR gearbox	1
89035	Arm mount A	1
89036	Arm mount B	1
89039	Hinge pin bushings, set	1
89040	Inner hinge pins, set	1
89114	Diff pinion gear	1
89201	2.5x3mm BHCS	10
89214	4x12mm FHCS	10
89217	4x14mm fhcs	10
89218	3x8mm washer	10
89219	3x5mm setscrew	10
89224	3x16mm SHCS	10
89226	3x26mm SHCS	10
89278	2.5mm washer	20
89279	3x45mm SHCS	10



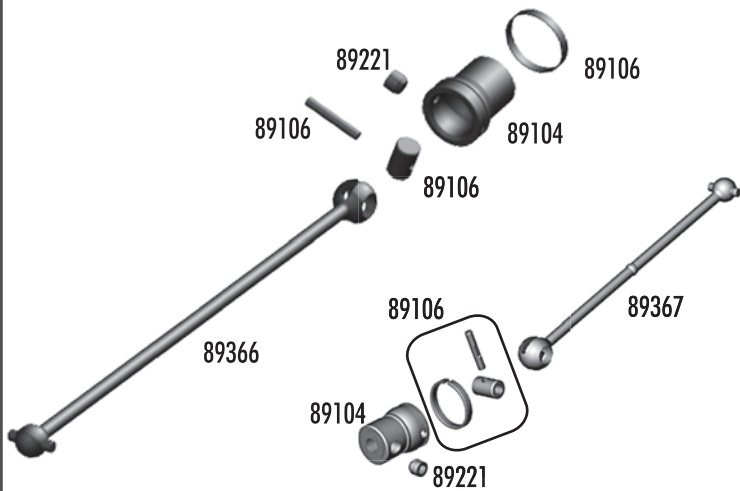
**:: Front Suspension**

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.
89031	RC8 caster / hub sapecers, Set	1
89032	Caster angle bushings, Set	1
89040	RC8 inner hinge pins, Set	1
89041	RC8 outer hinge pins, Set	1
89075	RC8 Steering Ballstuds	4
89076	RC8 camber rod ends, Set	1
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
89204	3x24mm bhcs	10
89206	4x10mm bhcs	10
89207	4x12mm bhcs	10
89219	3x5mm setscrew	10
89221	5x4mm setscrew	10
89316	RC8T shock riser w/pins, Set	1
89317	RC8T droop screws	8
89406	Nyloc wheel nuts, black	2



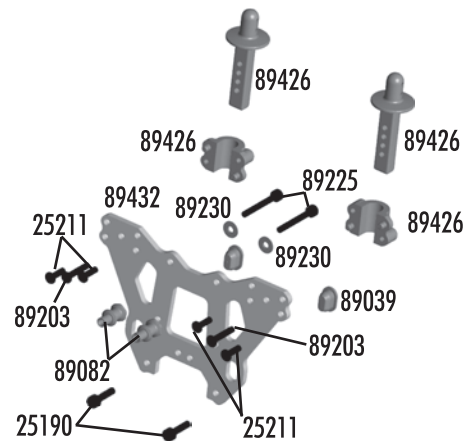
**:: Center CVA's**

89104	CVA input shaft U-joint, center	2
89106	CVA rebuild kit, center	1
89221	5x4mm setcrew	10
89366	Rear CVA bone, center	1
89367	Front CVA bone, center	1



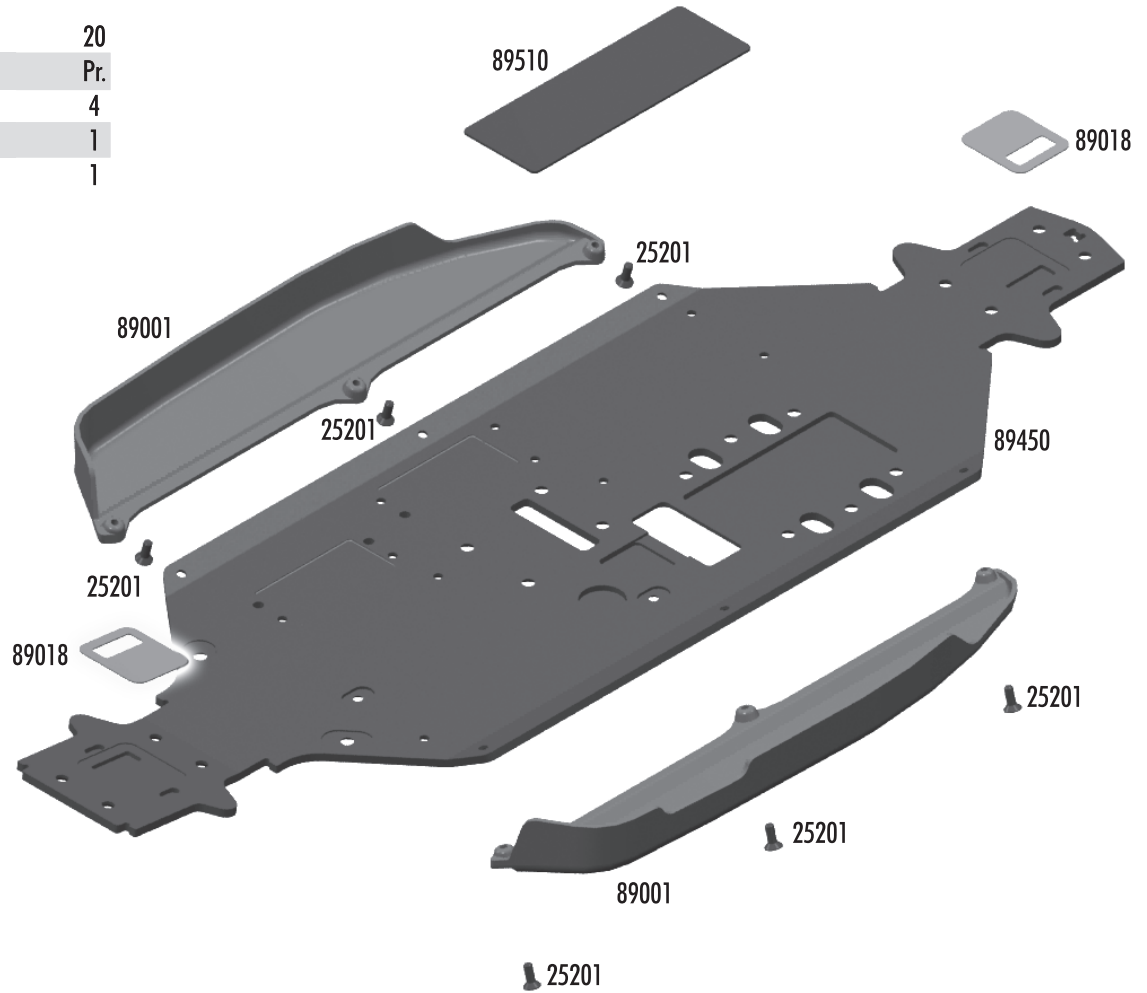
**:: Front Shock Tower**

25190	3x14mm SHCS	20
25211	3x10mm BHCS	20
89039	Hinge pin bushings, 1/2/3 dot, Set	1
89082	Shock standoffs, aluminum	4
89203	3x16mm BHCS	10
89225	3x24mm SHCS	10
89230	Silver cone washer	10
89426	Body/roll cage mounts, Set	1
89432	Front shock tower	1



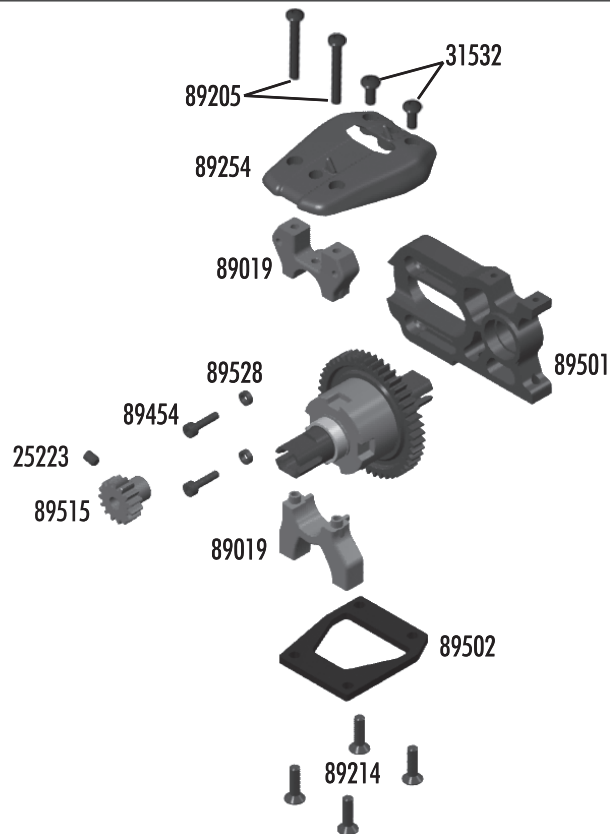
**:: Chassis**

25201	3x8mm fhcs	20
89001	RC8 side guards (L/R)	Pr.
89018	RC8 gearbox gasket	4
89450	SC8 / RC8T RTR chassis	1
89510	RC8e motor pad	1



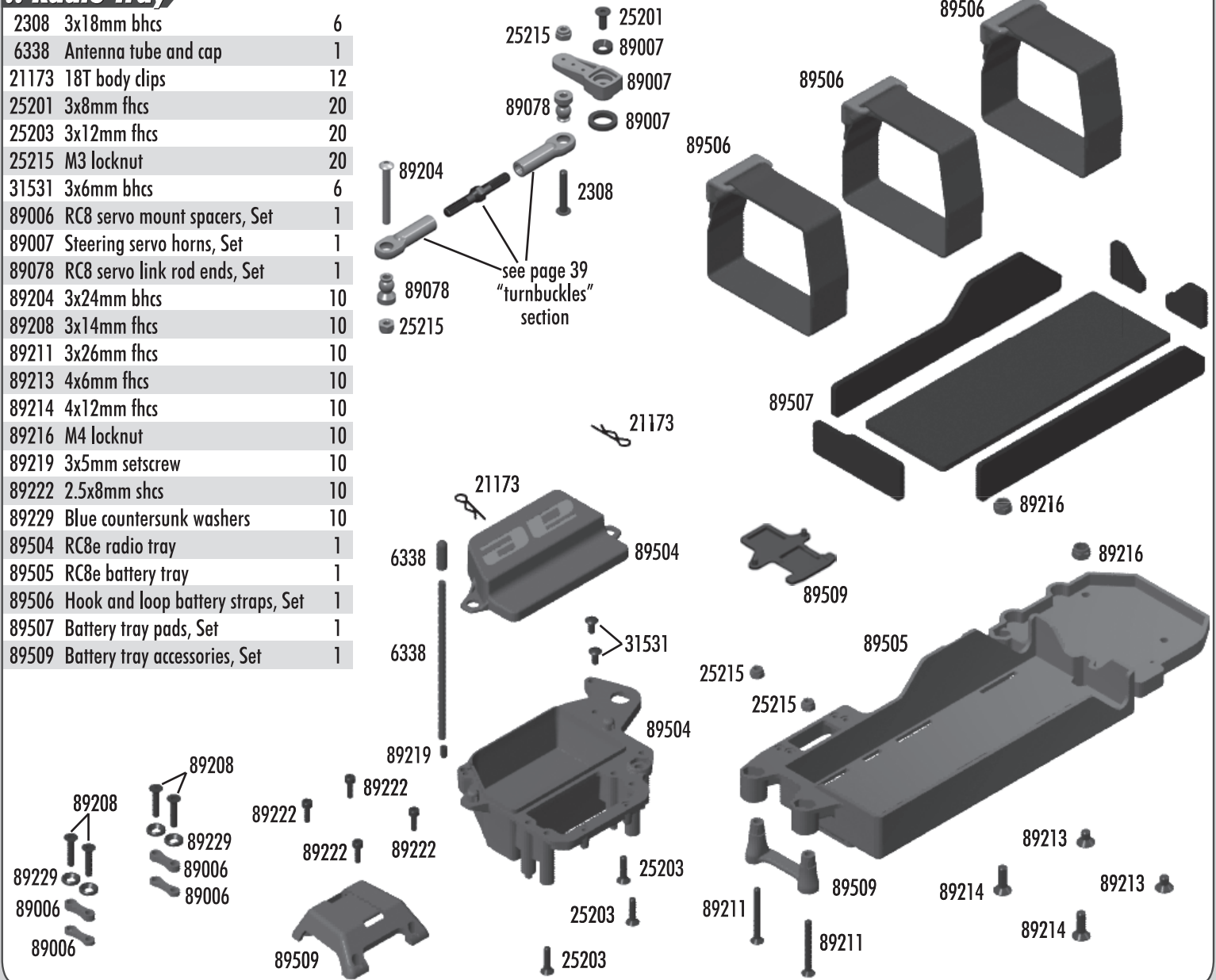
**:: Center Bulkhead**

25223	4x3mm setscrew	20
31532	3x8mm bhcs	6
89019	RC8 center bulkhead, Set	1
89205	3x26mm bhcs	10
89214	4x12mm fhcs	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
89528	3x5.6mm steel washer	10



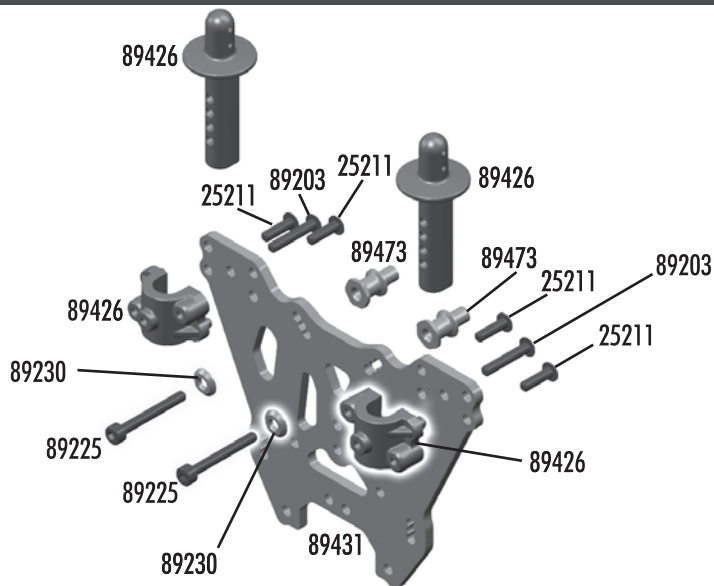
**:: Radio Tray**

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
89204	3x24mm 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**

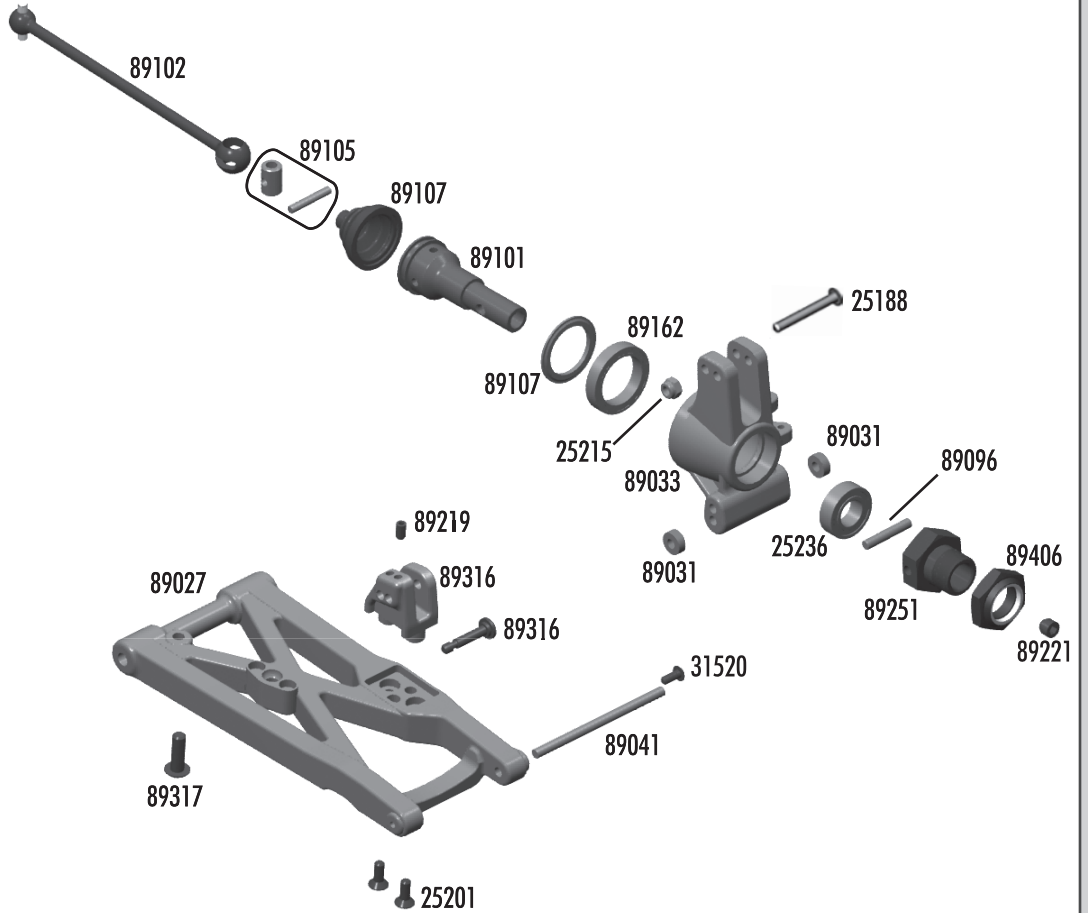
25211	3x10mm BHCS	20
89203	3x16mm BHCS	10
89225	3x24mm SHCS	10
89230	Silver cone washer	10
89426	Body/roll cage mount, Set	1
89431	Rear shock tower	1
89473	Steel shock standoff, Set	1





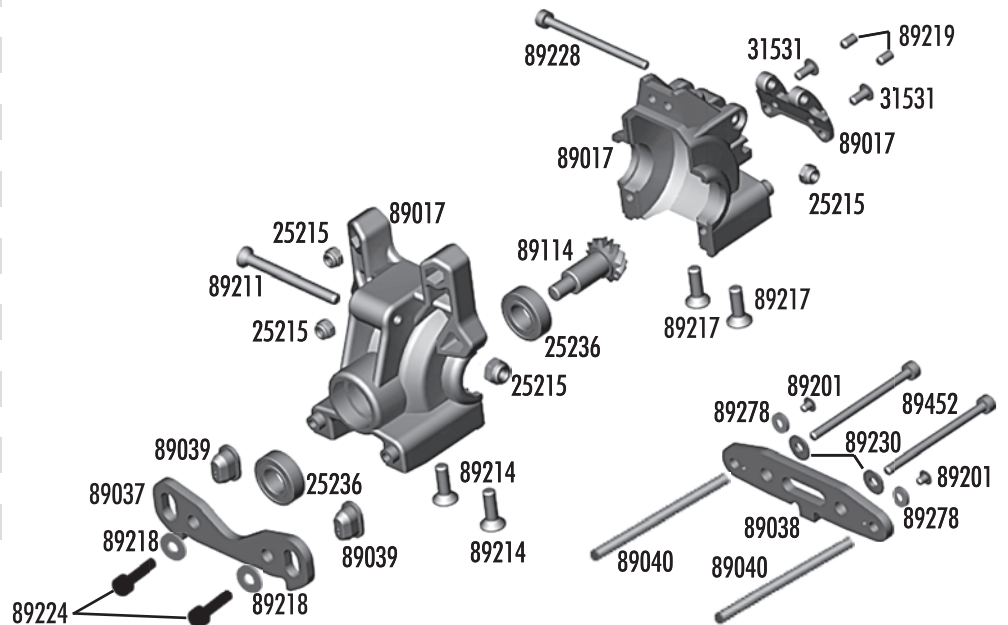
**:: Rear Suspension**

25188	3x20mm bhcs	20
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
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
89251	Wheel hex drive	2
89316	RC8T shock riser w/ pins, Set	1
89317	RC8T droop screws	8
89406	Nyloc wheel nut, black	4



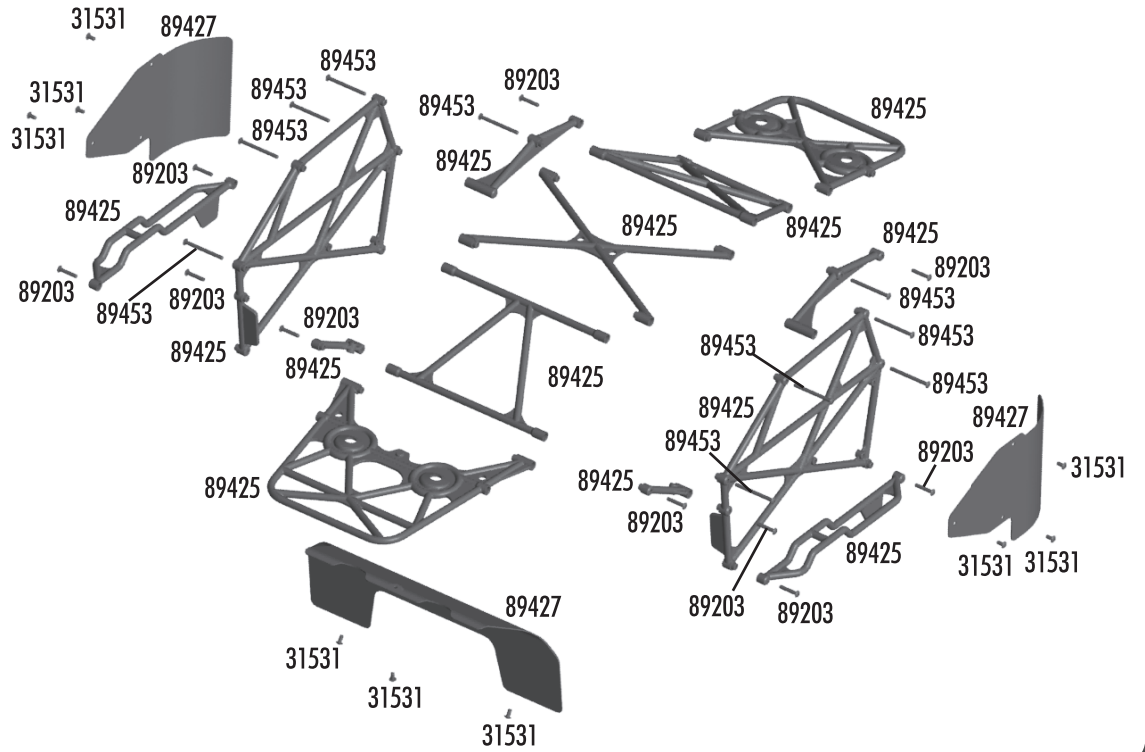
**:: Rear Gearbox**

25215	M3 locknut	20
25236	8x16x5 bearings	2
31531	M3x6mm bhcs	10
89017	FR/RR gearbox	1
89037	Arm mount C	1
89038	Arm mount D (3 degrees)	1
89039	Hinge pin bushings, Set	1
89040	Inner hinge pins, Set	1
89114	Diff pinion gear	1
89201	2.5x3mm bhcs	10
89211	3x26mm fhcs	10
89214	4x12mm fhcs	10
89217	4x14mm fhcs	10
89218	3x8mm washer	10
89219	3x5mm setscrew	10
89224	3x16mm shcs	10
89228	3x40mm shcs	10
89230	Silver cone washer	10
89278	2.5mm washer	20
89452	3x50mm shcs	10



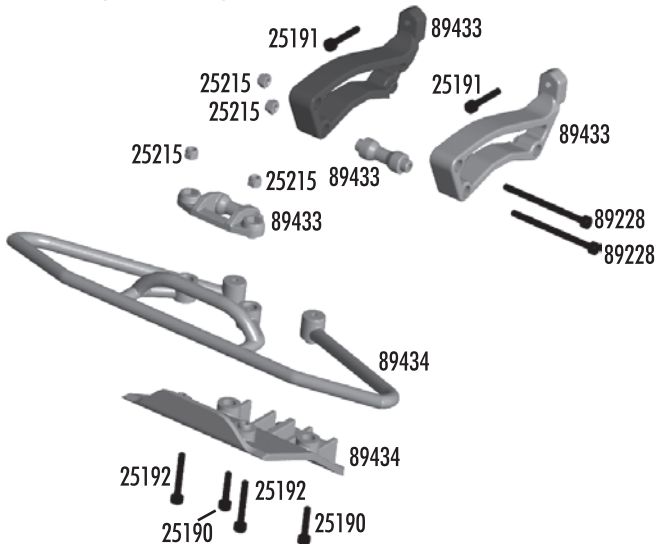
**:: Roll Cage**

31531	3x6mm BHCS	6
89203	3x16mm BHCS	10
89425	SC8 roll cage	Set
89427	Firewall / dirt shields	Set
89453	3x35mm BHCS	10



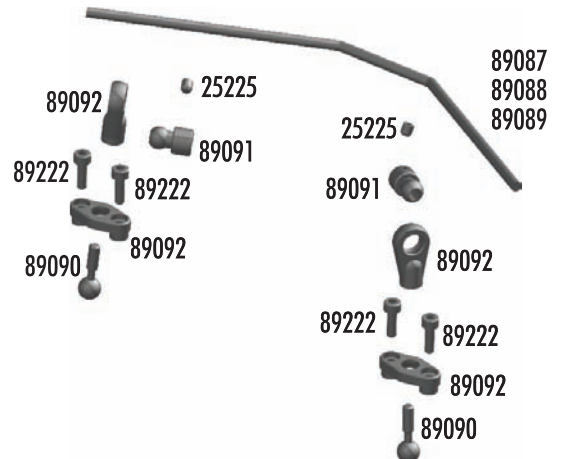
**:: Front Bumper**

25190	3x14mm SHCS	20
25191	3x18mm SHCS	20
25192	3x20mm SHCS	20
25215	M3 locknut	20
89228	3x40mm SHCS	10
89433	Front bumper mounts	Pr.
89434	Front bumper and skid plate, Set	1



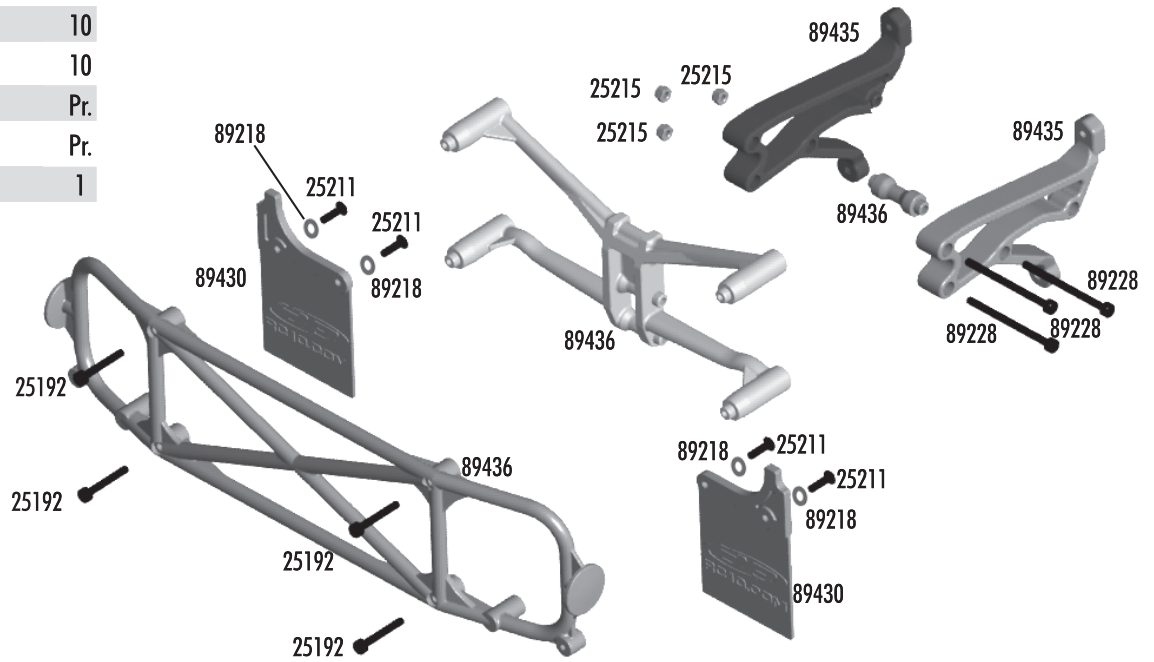
**:: Sway Bars**

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



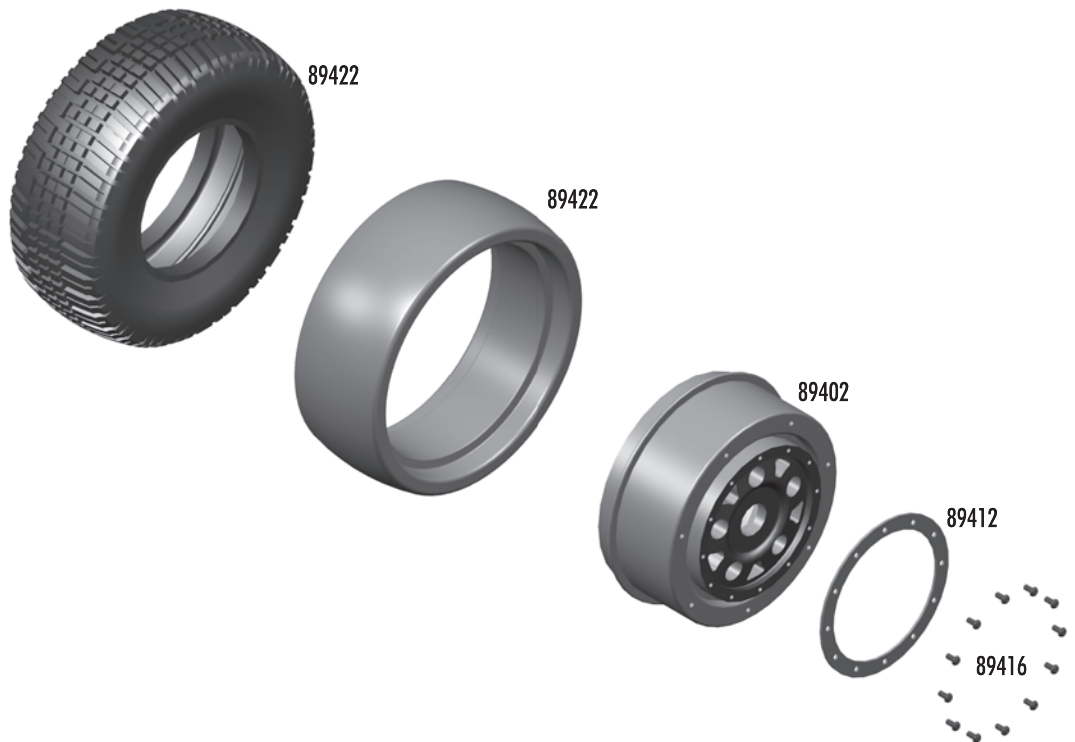
**:: Rear Bumper**

25192	3x20mm SHCS	20
25211	3x10mm BHCS	20
25215	M3 locknut	20
89218	3x8mm washer	10
89228	3x40mm SHCS	10
89430	Mud flaps	Pr.
89435	Rear bumper mounts	Pr.
89436	Rear bumper and brace, Set	1



**:: Wheels & Tires**

89401	KMC wheel (silver)	4
89402	KMC wheel (black)	4
89403	12 spoke wheel (silver)	4
89404	12 spoke wheel (black)	4
89407	Beadguard (silver)	4
89408	Beadguard (black)	4
89409	Beadguard (red)	4
89410	Beadguard (blue)	4
89411	Beadguard (green)	4
89412	Beadguard (gold)	4
89416	2x4mm bhcs (black)	50
89417	2x4mm bhcs (silver)	50
89418	12 spoke wheel (silver) / tires w/ silver beadguards	1
89419	KMC wheel (silver) / tires w/ silver beadguards	1
89420	KMC wheel (black) / tires w/ black beadguards	1
89421	KMC wheel (black) / tires w/ red beadguards	1
89422	SC8 tires and inserts	4



**:: Bodies & Decals**

2208	Large hood pins	6
89441	AE SC8 decal sheet	1
89442	SC8 clear body	1
89444	SC8 AE body	1
89445	SC8 Red Bull body	1
89446	SC8 KMC body	1
89447	SC8 Bullydog body	1
89448	SC8 Lucas body	1
89449	SC8 Pro Comp body	1
89457	SC8e body, Rockstar-Makita	1
89458	SC8e decals, Rockstar-Makita	1

**:: FT and Option Parts**

25392	3mm blue locknut, flanged	1
31550	M3 aluminum lock nut	6
89016	Servo saver bolt, nut, and spring	1
89053	Gold shock shaft 29mm	2
89054	Gold shock shaft 38mm	2
89070	RC8 Ti turnbuckle, Set	1
89082	RC8 shock standoffs, aluminum	4
89094	Nyloc wheel hex nuts, blue	2
89095	Wheel hex, aluminum	2
89160	Drivetrain bearing, Set	1
89161	Steering bearing, Set	1
89229	Blue countersunk washer	10
89234	Blue aluminum top plate	1
89235	Aluminum steering rack	1
89236	Black aluminum top plate	1
89237	RC8 skid plate	1
89284	RC8 rear stub axle (aluminum)	2
89285	RC8 front stub axle (aluminum)	2
89286	RC8 gearbox input cup (aluminum)	2
89290	16x29mm Shock Kit	1
89291	16x29mm Shock Body	Pr.
89335	16mm aluminum shock caps	2
89344	16x38mm shock body	2
89346	16x38mm shock kit	1
89378	RC8T aluminum chassis brace, front	1
89379	RC8T aluminum chassis brace, rear	1
89380	RC8 FT machined steering blocks	Pr.
89381	RC8 FT machined rear hubs	Pr.
89045	RC8 FT 0.5 degree toe bushing, Set	1
89405	Nyloc wheel nuts (silver)	4
89406	Nyloc wheel nuts (black)	4
89456	16mm piston, 10x1.1	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
89466	RC8B inner hinge pins, 4mm HMA, Set	1
89467	HD shock shaft, 4x29mm	1
89468	HD shock shaft, 4x38mm	1
89469	HD shock ends, 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
29166	DS1313 performance digital servo	1
29167	DS1015 hi-torque/hi-speed digital servo	1
29209	Gear set, DS1313 digital servo	1
29210	Gear set, DS1015 digital servo	1
29211	Servo case, DS1313/DS1015	1
29212	Accessory pack, DS1313/DS1015	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	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 20C w/TAM connector	1
709	LiPo 5000mAh 7.4V 35C ROAR Spec	1
711	LiPo 4900mAh 7.4V 35C EFRA Spec	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
716	Reedy 09 Decal Set	1

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

LRP41281	Quadra Pro 2 Charger	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 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
7023	RC10T4.1 FT 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
7032	SC10 Ready Lift RTR (ready-to-run)	1
7034	SC10 FT Kit	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 / Bully Dog Body	1
7043	SC10 RTR, 2.4ghz Brushless Pro Comp Body	1
7044	SC10 RTR, 2.4ghz Brushless Rockstar / MakitaBody	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 Team Kit	1
9036	RC10B4.1 FT 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
80902	FT RC8B Nitro Buggy Kit	1

**:: 1/8 Kits and RTR's (cont.)**

80904	FT RC8Be Electric Buggy Kit	1
80905	RC8RS "Race Spec" Nitro Buggy RTR (ready-to-run)	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
80932	SC8 e Short Course Race Truck, RTR Rockstar-Makita (ready-to-run)	1

**:: Tools**

1449	Offroad Ride Height Gauge	1
1541	FT Hex Driver Set, (7 pcs)	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 Screwdriver Set	1
1553	FT Phillips Silver Screwdriver	1
1554	FT Silver Spring Hook Tool	1
1561	FT Nut Driver Set, (6 pcs)	1
1562	FT 3/16" Black Nut Driver	1
1563	FT 1/4" Red Nut Driver	1
1564	FT 5.5mm Red Nut Driver	1
1565	FT 11/32" Green Nut Driver	1
1566	FT 7.0mm 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	FT Ball Hex Driver Set, (3 pcs)	1
1737	FT Body Scissors	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	RC8 FT Turnbuckle Wrench	1
89358	16mm big bore shock tools	1



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

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**:: 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



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**:: Notes**

**:: Notes**

Blank area for notes.

**:: Notes**

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




:: Driver: Team Associated :: Date: \_\_\_\_\_  
 :: Track: Standard SC8e Setup  
 :: Event: \_\_\_\_\_

## Setup Sheet for Team Associated's SC8e

Rev. 1

### :: Front Suspension

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

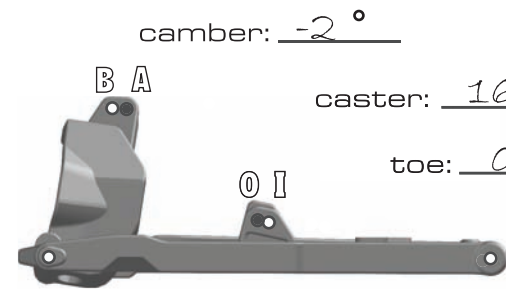
front body mount hole:  


hinge pin bushing  
 # 1  
 up  down

camber: -2 °  
 caster: 16 °  
 toe: 0 °

ride height: 29mm

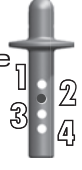
kickup bushing  
 # 2  
 up  down



### :: Rear Suspension

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

wheelbase:  
 long  
 medium  
 short

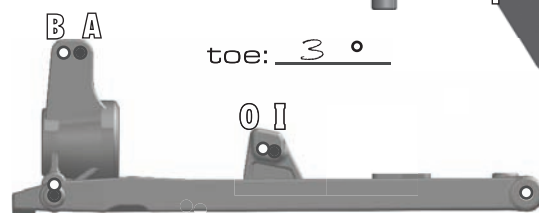
rear body mount hole:  


camber: -2 °  
 toe: 3 °

ride height: 29mm

anti-squat bushing  
 # 2  
 up  down

hub:  
 upper  
 lower



### :: Front Shocks

spring: (4.7 lb) Bronze piston: 1.3  
 shock fluid: 40 wt length: 113mm  
 shock cap: molded

### :: Rear Shocks

spring: (4.0 lb) bronze piston: 1.3  
 shock fluid: 40 wt length: 125mm  
 shock cap: molded

### :: Differentials

front fluid: 5,000cst center fluid: 5,000cst  
 rear fluid: 5,000cst

### :: Chassis Braces

pivot  molded  aluminum  
 other: \_\_\_\_\_

### :: Electronics

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

### :: Gearing

pinion gear: 15t  
 spur gear: 46t

### :: Tires

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

### :: Race and Vehicle Comments

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













### :: Track Info

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

:: Hardware - 1:1















**flat head (fhcs)**

**METRIC**

	3x8mm (25201)
	3x10mm (25202)
	3x12mm (25203)
	3x14mm (89208)
	3x16mm (89224)
	3x18mm (25191)
	3x20mm (89210)
	3x22mm (89455)
	3x26mm (89211)
	4x6mm (89213)
	4x12mm (89214)
	4x14mm (89217)
















**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)

**button head (bhcs)**








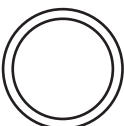
**METRIC**

	2x4mm black (89416) silver (89417)
	2.5x3mm (89201)
	2.5x6mm (31520)
	3x6mm (31531)
	3x10mm (25211)
	3x12mm (89202)
	3x14mm (25187)
	3x16mm (89203)
	3x18mm (2308)
	3x20mm (25188)
	3x24mm (89204)
	3x26mm (89205)
	3x35mm (89453)
	4x10mm (89206)
	4x12mm (89207)

**ball bearings**





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

**shims & washers**

	aluminum balltud washer (9630)
	3x5.6mm steel washer (89528)
	2.5mm washer (89278)
	blue countersunk washer (89229)
	silver cone washer (89230)
	3x8mm thin washer (89218)
	diff washer (89120)
	diff shim (89117)

**setscrews**

**METRIC**

	3x3mm (25225)
	3x5mm (89219)
	4x3mm (25223)
	4x12mm (89220)
	5x4mm (89221)

**nuts (lock/plain)**

	piston locknut (89215)
	m3 locknut (25215)
	flanged m3 locknut (25612)
	m4 locknut (89216)

## Setup Sheet for Team Associated's SC8e

Rev. 1

### :: Front Suspension

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

front body  
mount hole



hinge pin  
bushing

# \_\_\_\_\_

- up  down

camber: \_\_\_\_\_



caster: \_\_\_\_\_

toe: \_\_\_\_\_

kickup bushing

# \_\_\_\_\_

- up  down

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

### :: Rear Suspension

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

wheelbase:

- long
- medium
- short

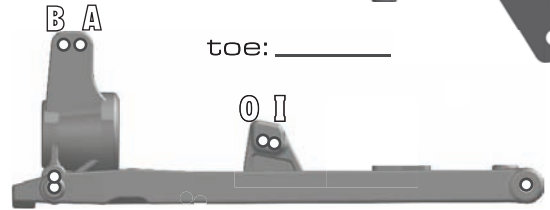
rear body  
mount hole



camber: \_\_\_\_\_

toe: \_\_\_\_\_

hub:  
upper  
lower



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

anti-squat  
bushing

# \_\_\_\_\_

- up  down

### :: Front Shocks

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

### :: Rear Shocks

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

### :: Differentials

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

### :: Chassis Braces

- pivot  molded  aluminum

other: \_\_\_\_\_  
 \_\_\_\_\_

### :: Electronics

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

### :: 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

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



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