

RC8.2

R A C E - S P E C



#80909 RC8.2 RTR

**NITRO
POWERED**
Ready-To-Run

1:8 Scale 4WD Nitro Off Road Race Buggy Manual & Catalog

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 RC8.2 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 RC8.2 RTR. We are continually changing and improving our designs; therefore, actual parts may appear slightly different than the illustrations.

:: RC8.2 RS RTR Platform Features

RC8.2 RS RTR Features:

- Powerful Reedy .21VS engine with pull start and Team Associated 2-chamber tuned exhaust
- XP 2.4Ghz radio system with digital high torque XP DS1510MG metal gear steering servo and water resistant receiver box
- 16mm Big Bore 6061 aluminum shock bodies and caps with rubber shock boots
- Low center of gravity 3mm thick 7075 aluminum shock towers
- Black hard-anodized 7075 aluminum chassis with keyed lower suspension plates
- Updated RC8.2 racing suspension geometry
- Aluminum steering knuckles for improved durability
- Choice of two factory finished RC8 bodies
- Lightweight and durable drivetrain
- Upgraded Dual bell-crank steering rack for reduced bump-steer

:: RC8 Platform Features

- 4.30:1 ratio gearboxes
 - 43T diff ring and 10T pinion for increased punch and durability over conventional buggy ratio gearboxes
- Brakes
 - Brake cam stops ensure brakes aren't dragging while on throttle.
- 2 piece Center diff housing split vertically for easy diff removal and maintenance
- Caster blocks adjust 14, 16, or 18 degrees with molded inserts
- Low profile elliptical 2-stage air filter
- PTFE clutch shim and easy to build design
- Adjustable with 0.9mm, 1.0 mm, and 1.1 mm springs (only 1.0mm included)
- Fuel tank
 - Easily removeable fuel tank only 2 body clips for easy cleaning

:: Items Included

Tools included with your vehicle:

- 1.5mm and 2.0mm L wrenches
- 2.5mm ball nose wrench
- Stamped turnbuckle wrench, 5mm & 5.5mm
- Shock tool, upper and lower pieces (#89358)
- 10mm clutch nut wrench (#7976)
- 5 in 1 wrench, 17mm, 10mm, 8mm, 7mm, 5.5mm
- Glow igniter (#7994) (requires 1 D sized battery)
- Fuel bottle 400cc (#1749)
- Glow plug (#MC59)

:: Additional Items Needed

Your RC8.2 RS RTR kit comes ready to run.

However there are some things that are necessary to complete the kit.

- Transmitter batteries (6 AA) (#302, 303 recommended)
- Receiver batteries (4 AA) (#302, 303 recommended)
- OR-
- 4.8-7.4v rechargeable receiver battery pack
 - either flat (#613) or hump (#612) style NiMh battery
 - either 1600mAh LiPo (#630), 2100mAh LiPo (#631),
 - -OR- 1700 LiFe (#638) battery (recommended)
- Additional Glow plugs (#MC59) • Glow igniter battery (1 D)
- Model car fuel (20%-30% nitro recommended)

:: Other Helpful Items

- Silicone Shock Fluid / Differential Fluid (Refer to catalog for complete listings)
- Body Scissors (AE Part # 1737)
- FT Hex Wrenches (AE Part # 1541, 1655)
- FT Nut Drivers (AE Part #1561, 1663-1668)
- Needle nose pliers
- Wire cutters
- Starter box (#1750 recommended)
- Calipers or a Precision Ruler
- Reamer/hole punch
- Soldering Iron
- FT Turnbuckle Wrench (#89240)
- Green Slime shock lube (AE Part # 1105)
- Ride Height Gauge (#1449 recommended)
- FT Threadlock (#1596)

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



Customer Service
Tel: 949.544.7500
Fax: 949.544.7501

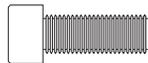
:: Table of Contents

1.....Cover	24-25.....Shocks Install
2.....Introduction	25-29.....Radio Tray Assembly
3.....Table of Contents	29-32.....Fuel Tank, Air Filter, and Engine Assembly
4-5.....Front and Rear Diff Assembly	33.....Wheel, Tires, and Body Assembly
6-7.....Center Diff Assembly	34-36.....TechTips
7-8.....Steering, Servo, and Rear Camber Links Assembly	37-49.....Catalog
8-10.....Shocks Assembly	49.....Contact Info
10.....Chassis Assembly	49-50.....Notes
10-12.....Steering Assembly	51.....Setup Sheet "Kit Setup"
12-13.....Front Gearbox Assembly	52.....1:1 Hardware "Fold Out"
14-17.....Front Suspension Assembly	53.....Setup Sheet "Blank"
17-19.....Rear Gearbox Assembly	54.....Back Cover
19-22.....Rear Suspension Assembly	
22-23.....Center Bulkhead Assembly	

:: Notes



This symbols indicates a special note or instruction in the manual.



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

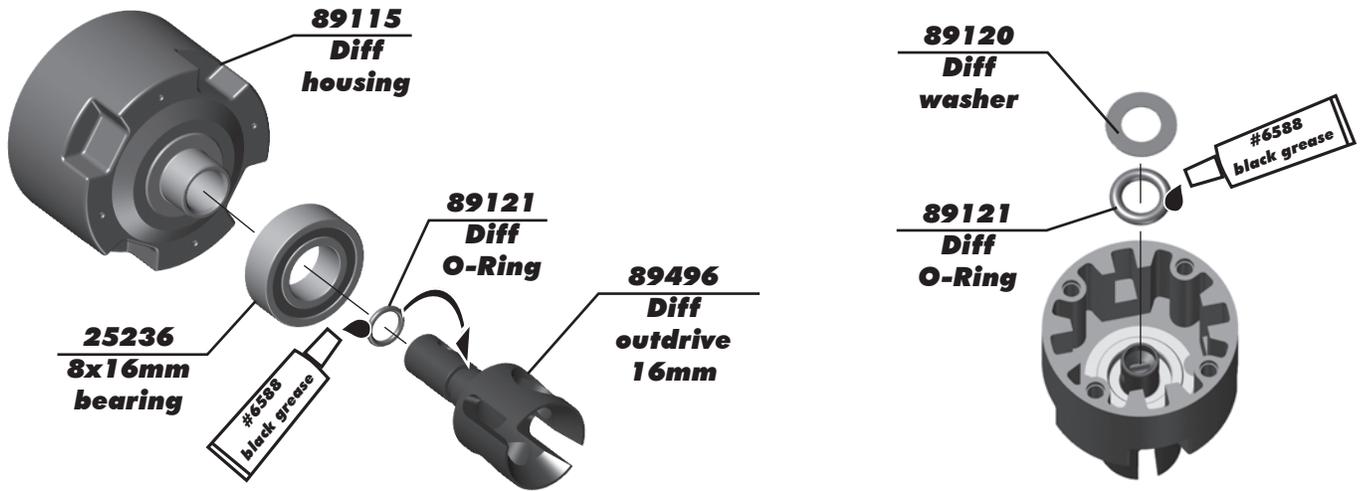
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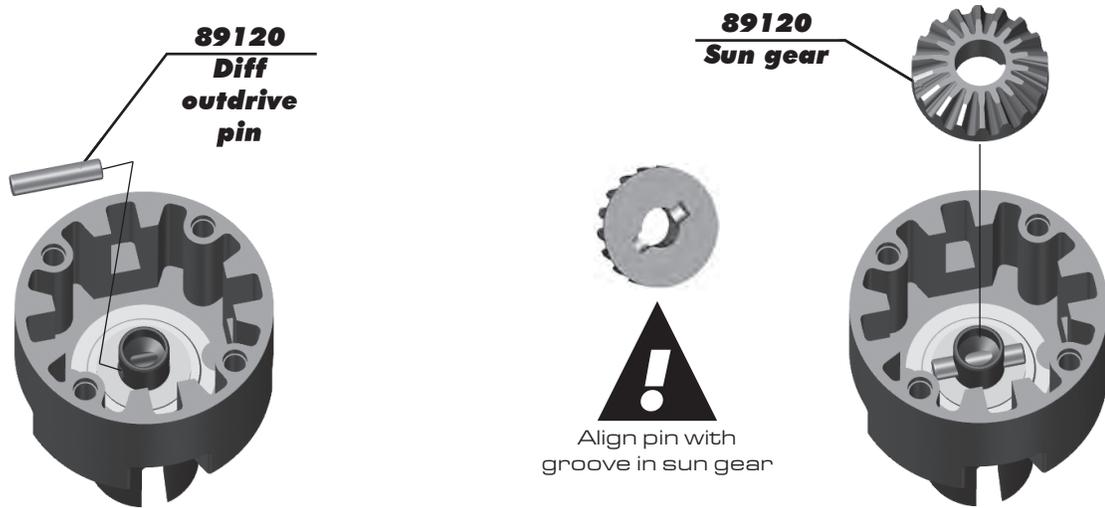
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<http://www.TeamAssociated.com> • <http://www.RC10.com> • http://twitter.com/Team_Associated • <http://bit.ly/AEonFacebook>

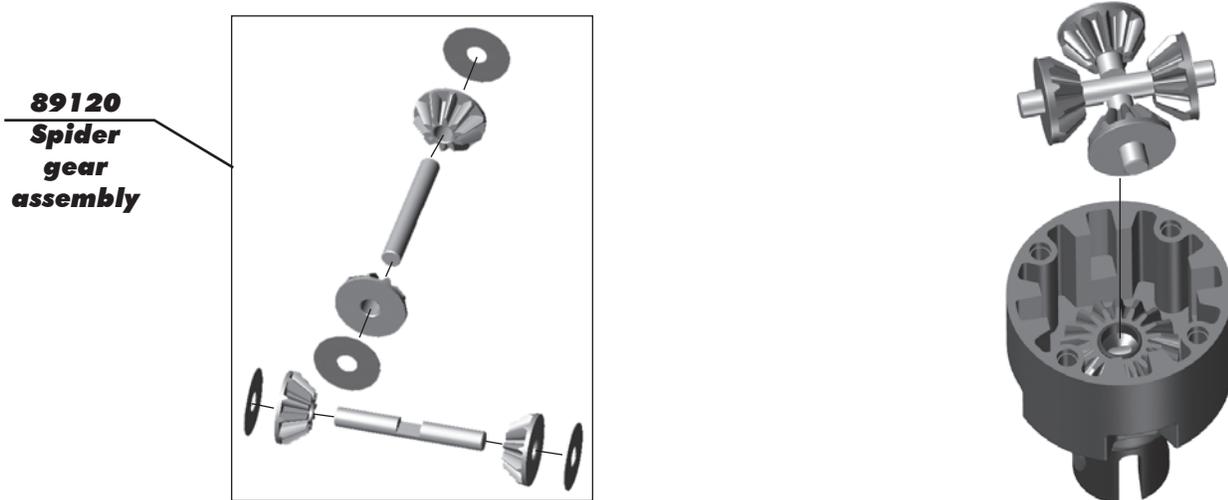
:: Front/Rear Differential Assembly



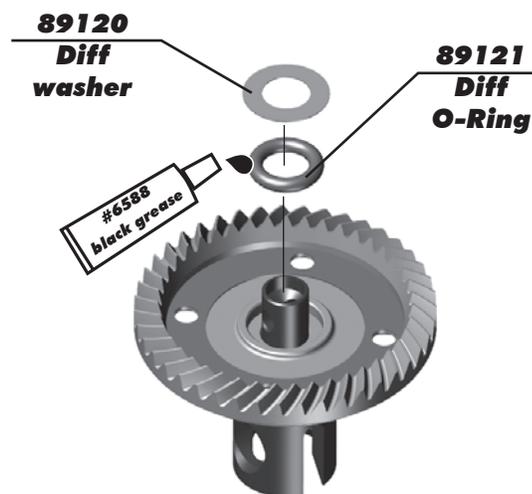
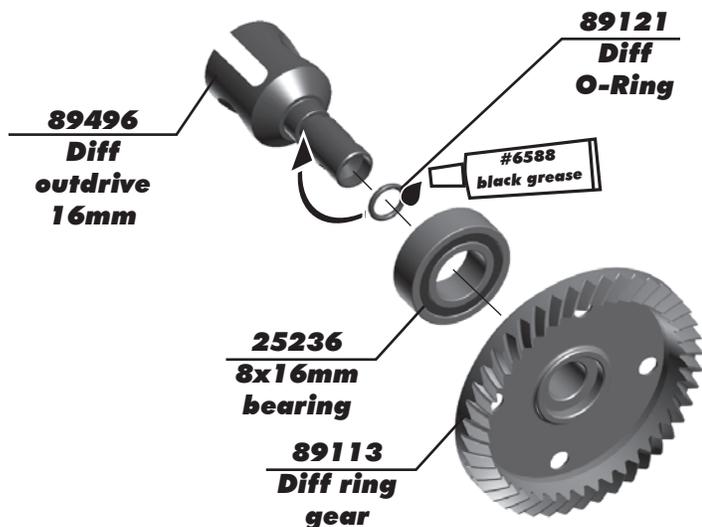
:: Front/Rear Differential Assembly (cont.)



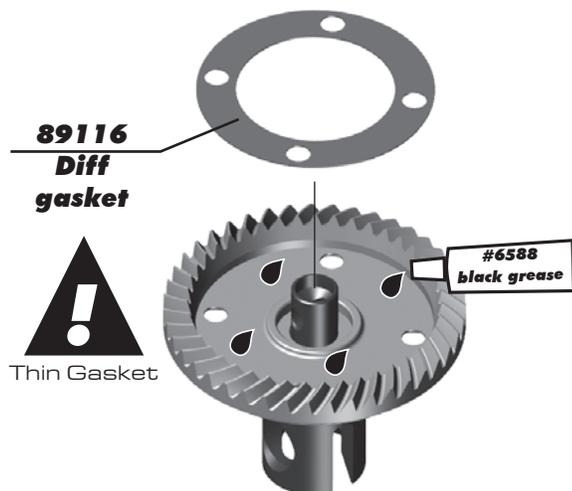
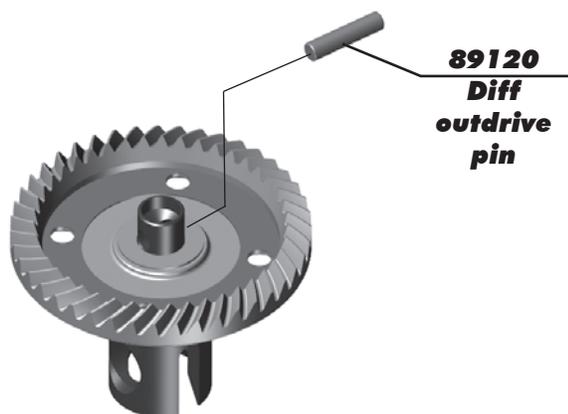
:: Front/Rear Differential Assembly (cont.)



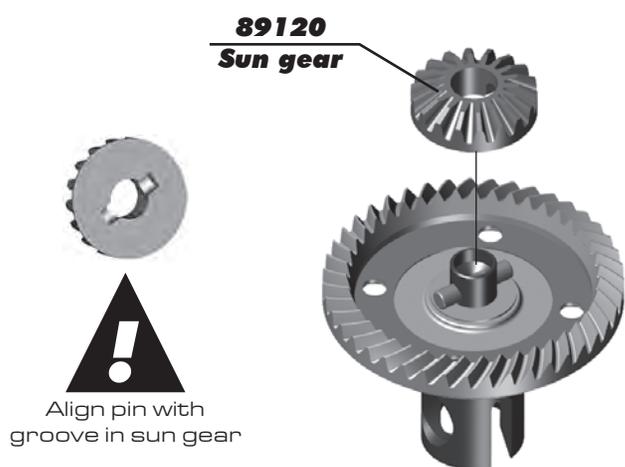
:: Front/Rear Differential Assembly (cont.)



:: Front/Rear Differential Assembly (cont.)



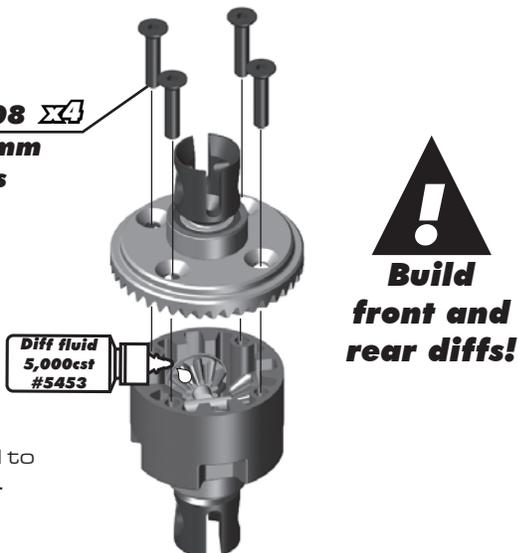
:: Front/Rear Differential Assembly (cont.)



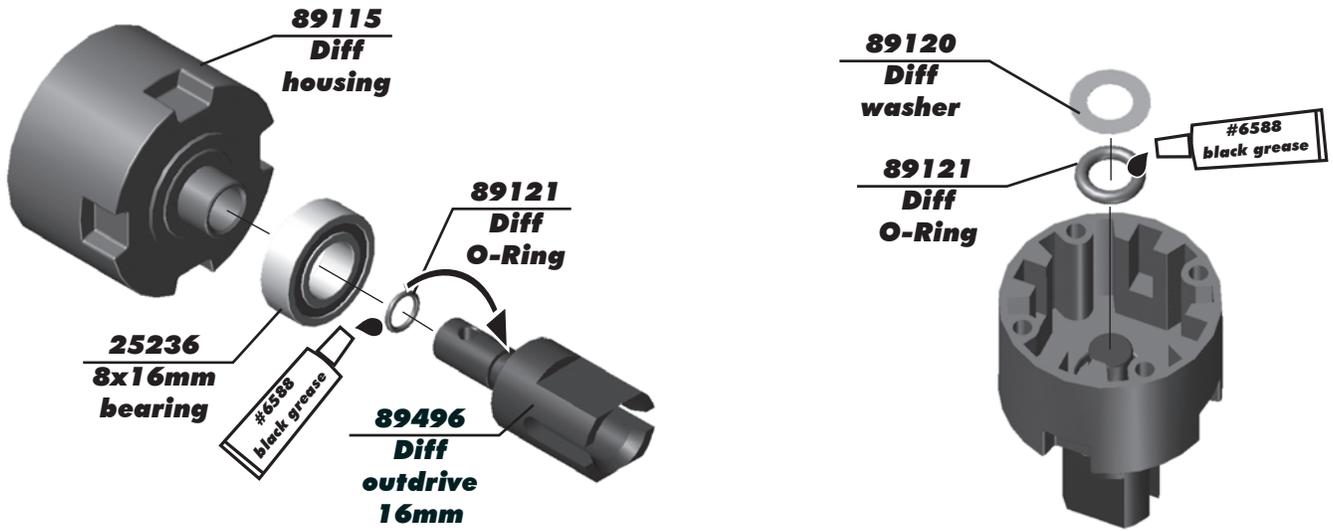
!
Tighten screws evenly and firmly.

89208 Σ 4
3x14mm fhs

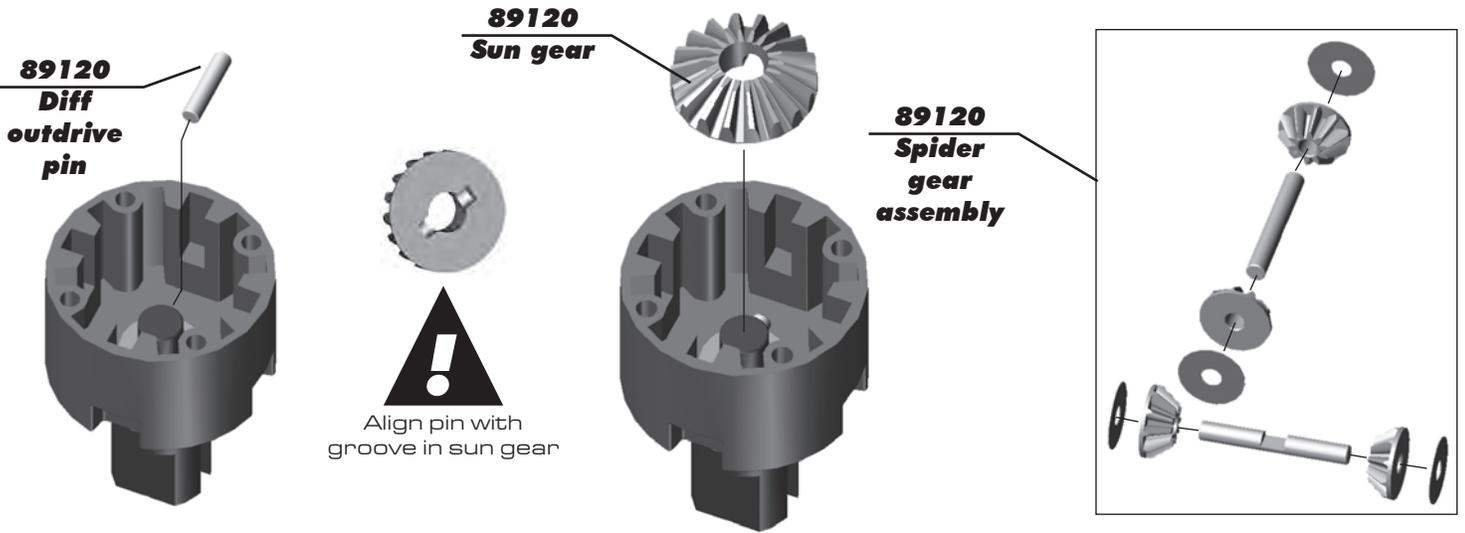
!
Fill with diff fluid to top of gears.



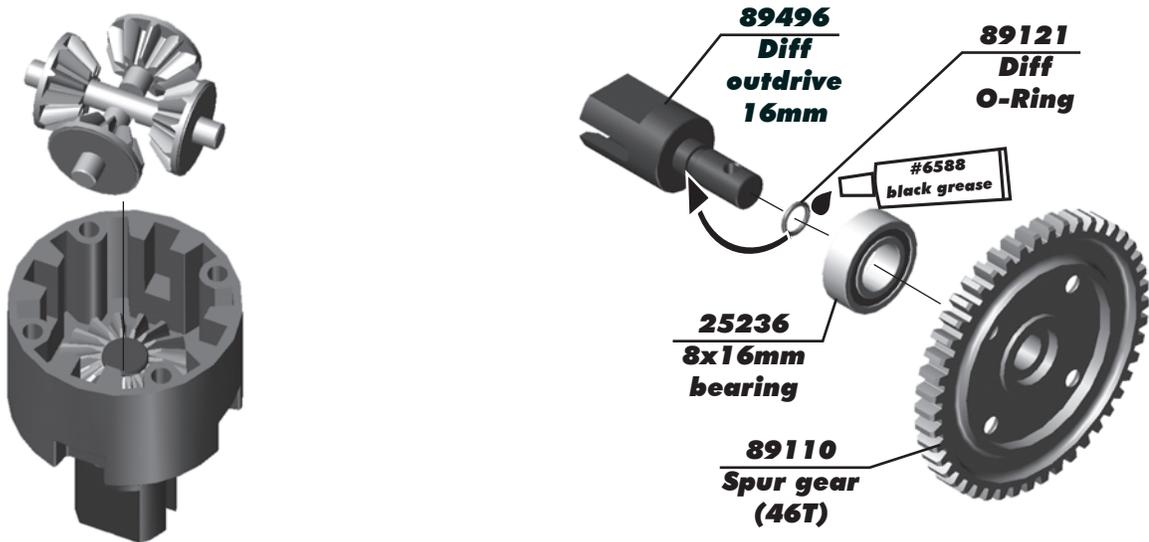
:: Center Differential Assembly



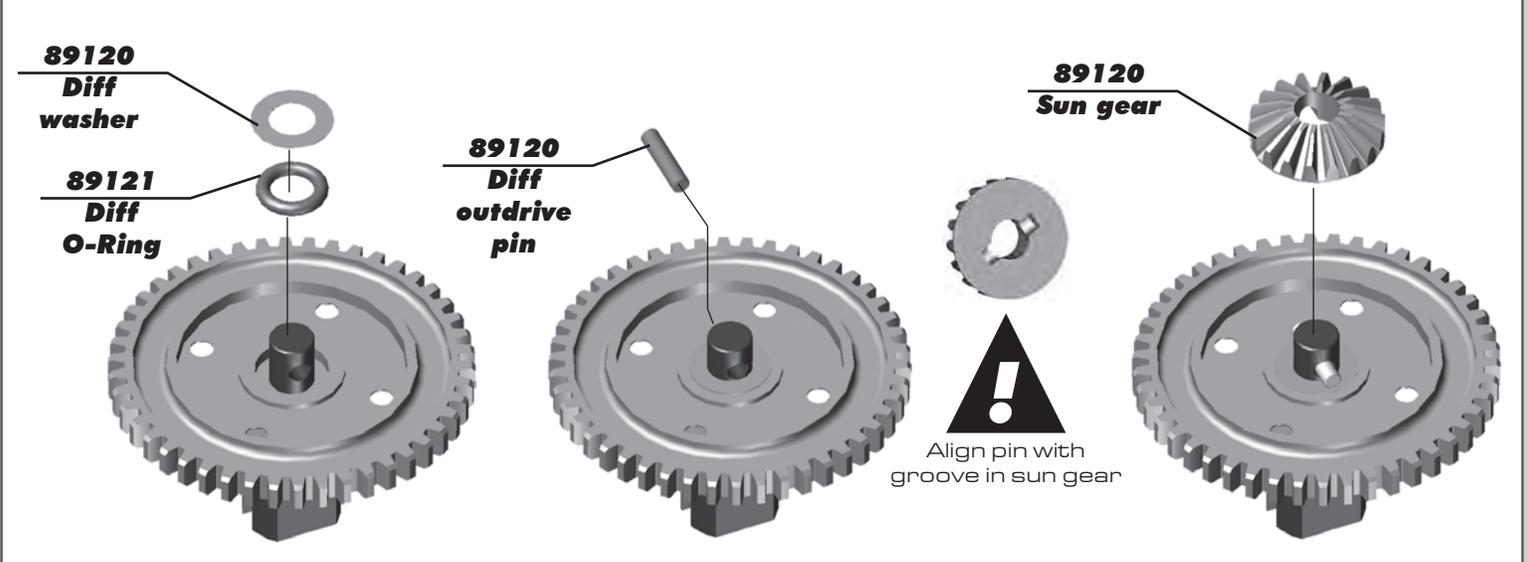
:: Center Differential Assembly (cont.)



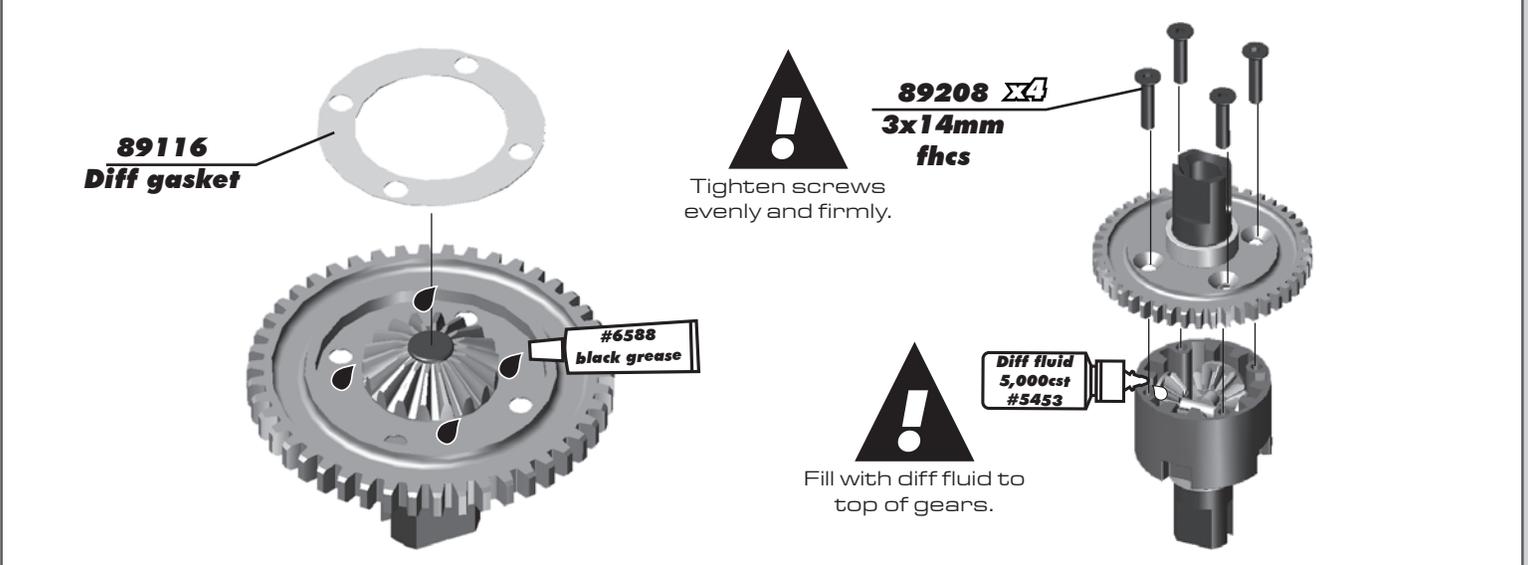
:: Center Differential Assembly (cont.)



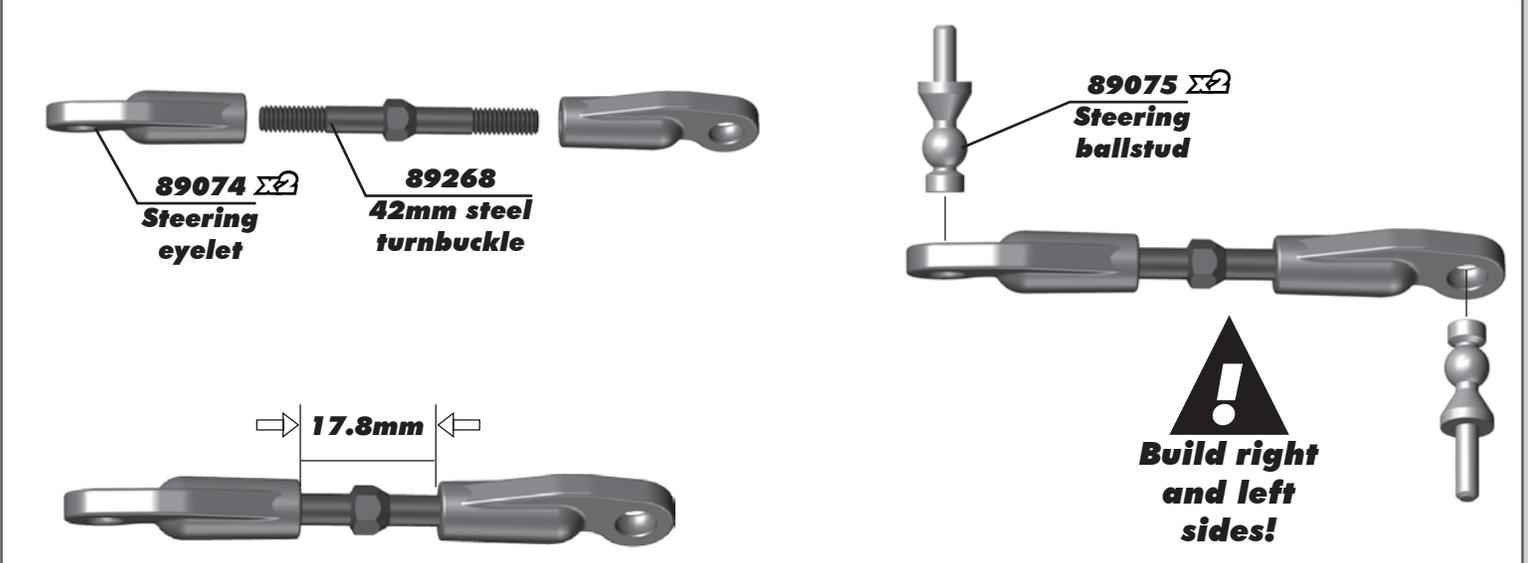
:: Center Differential Assembly (cont.)



:: Center Differential Assembly (cont.)



:: Steering Turnbuckle Assembly



:: Servo Link Assembly

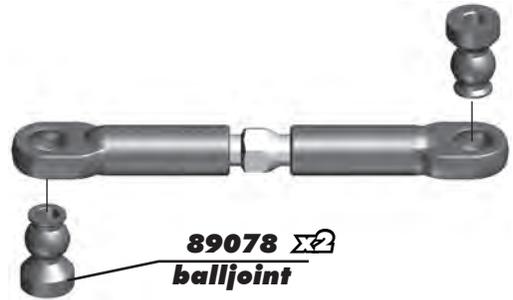


89078 $\Sigma 2$
Straight eyelet

89267
32mm steel turnbuckle



7.5mm



89078 $\Sigma 2$
balljoint

:: Rear Camber Link Assembly

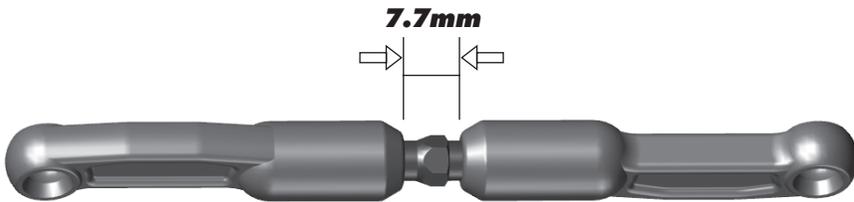


89076 $\Sigma 2$
Camber rod end

89269
38mm steel turnbuckle

89076 $\Sigma 2$
Camber pivot balls

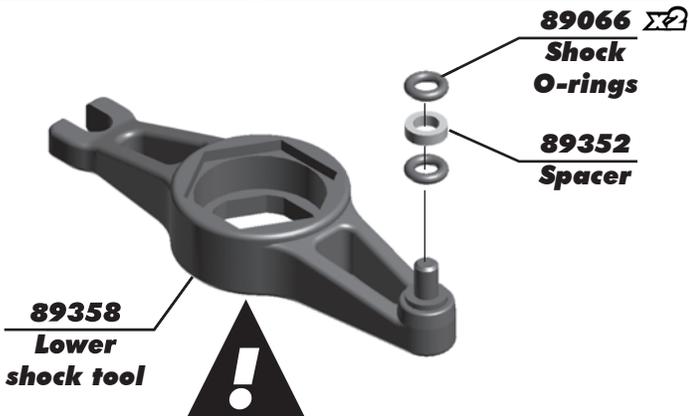
89076 $\Sigma 2$
Camber ball joints



7.7mm

!
Build right and left sides!

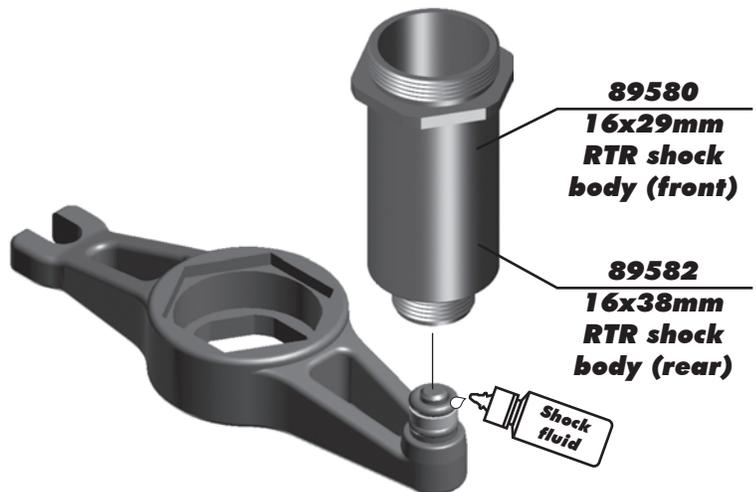
:: Shock Assembly



89358
Lower shock tool

89066 $\Sigma 2$
Shock O-rings

89352
Spacer



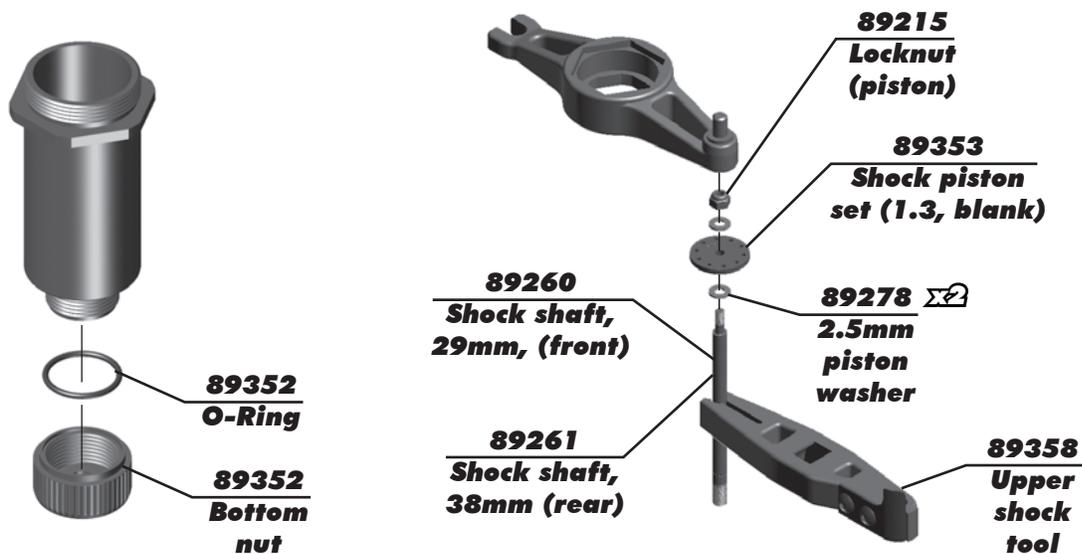
89580
16x29mm RTR shock body (front)

89582
16x38mm RTR shock body (rear)

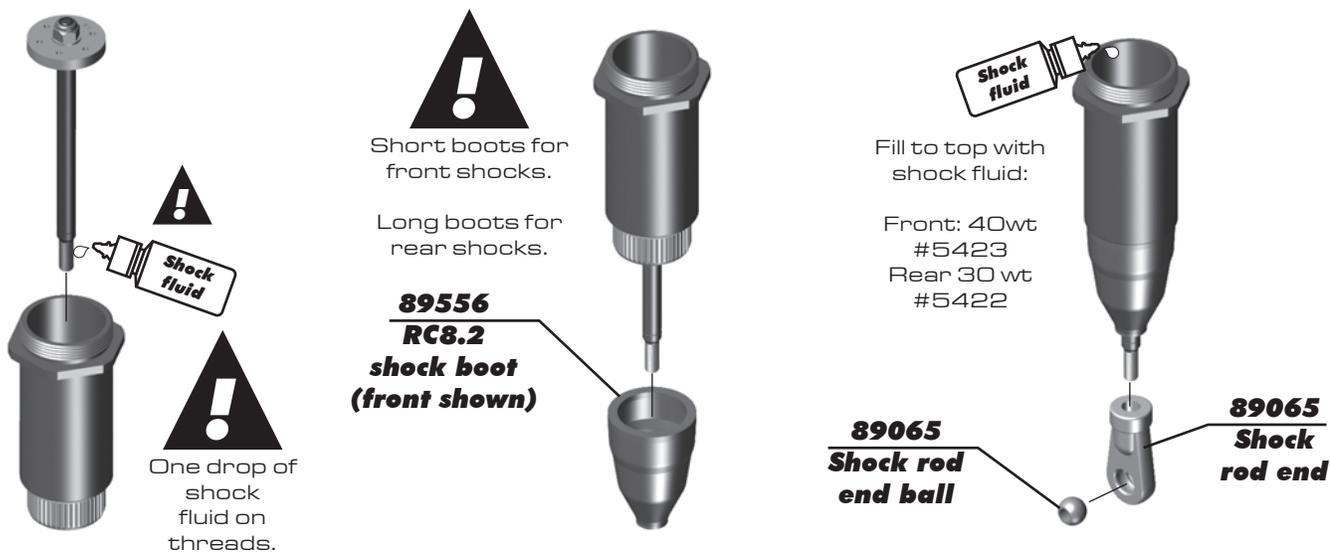
Shock fluid

Use the lower shock tool to load the two o-rings and spacer for easy lubing and installation into the shock body

:: Shock Assembly - (cont.)

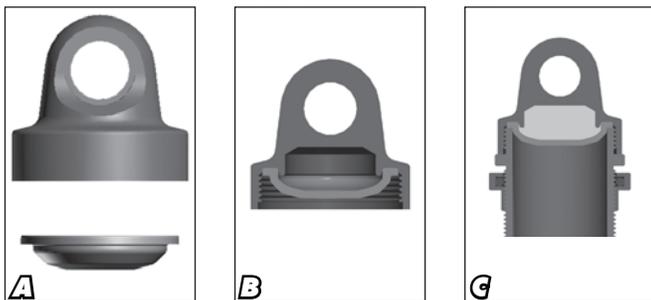


:: Shock Assembly - (cont.)



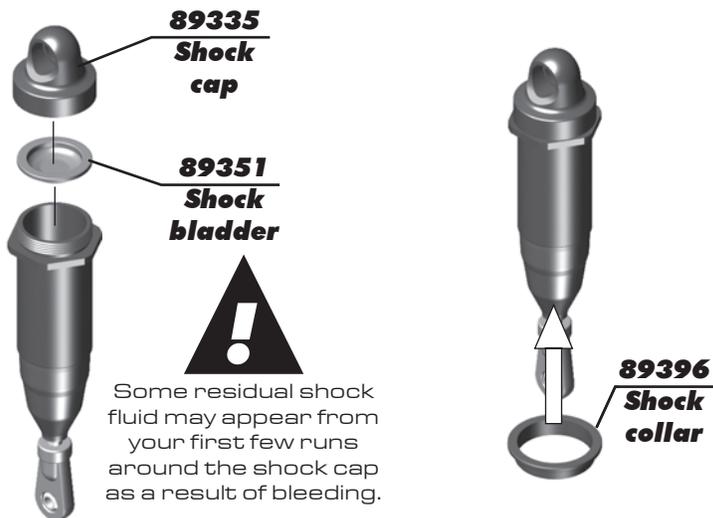
:: Shock Assembly - (cont.)

Bladder Installation

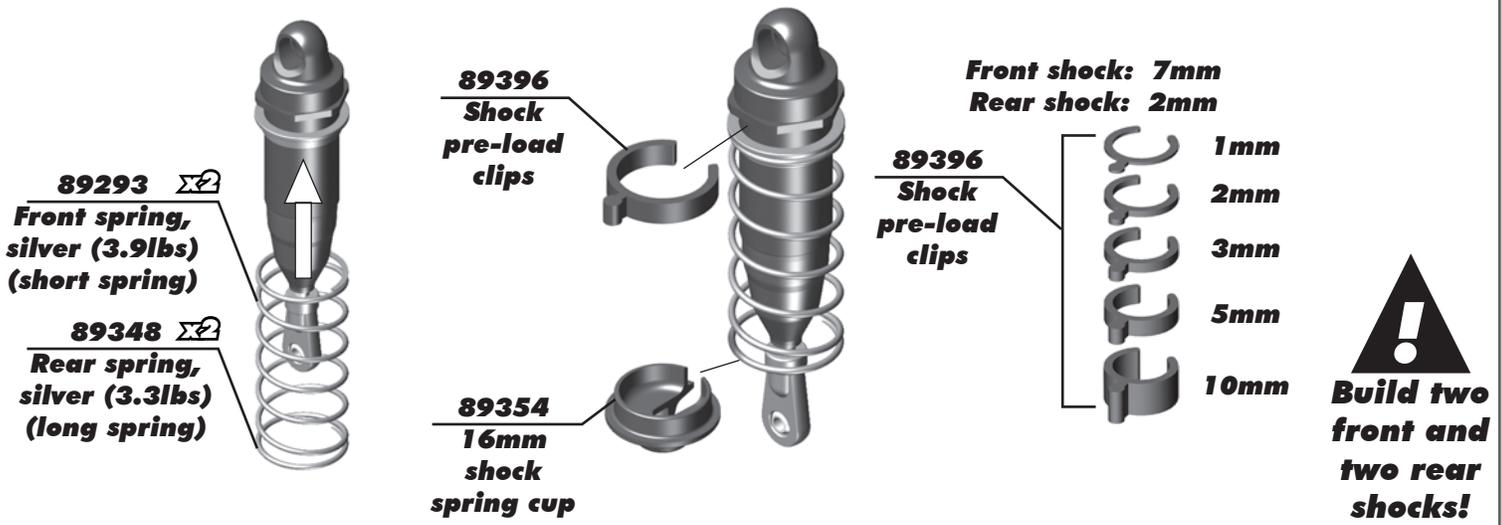


As you install the shock cap with the bladder, it will force out any extra fluid. If you install the cap with the shaft fully extended, you are running FULL REBOUND.

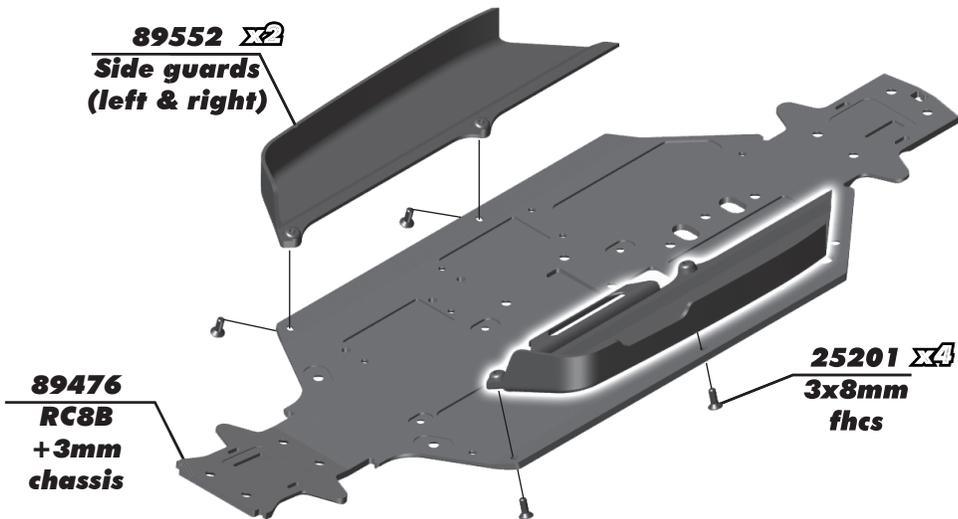
To run less rebound, unthread the cap 1-2 turns and compress the shaft to the desired position and re-tighten the cap with the shaft compressed. Start with no rebound.



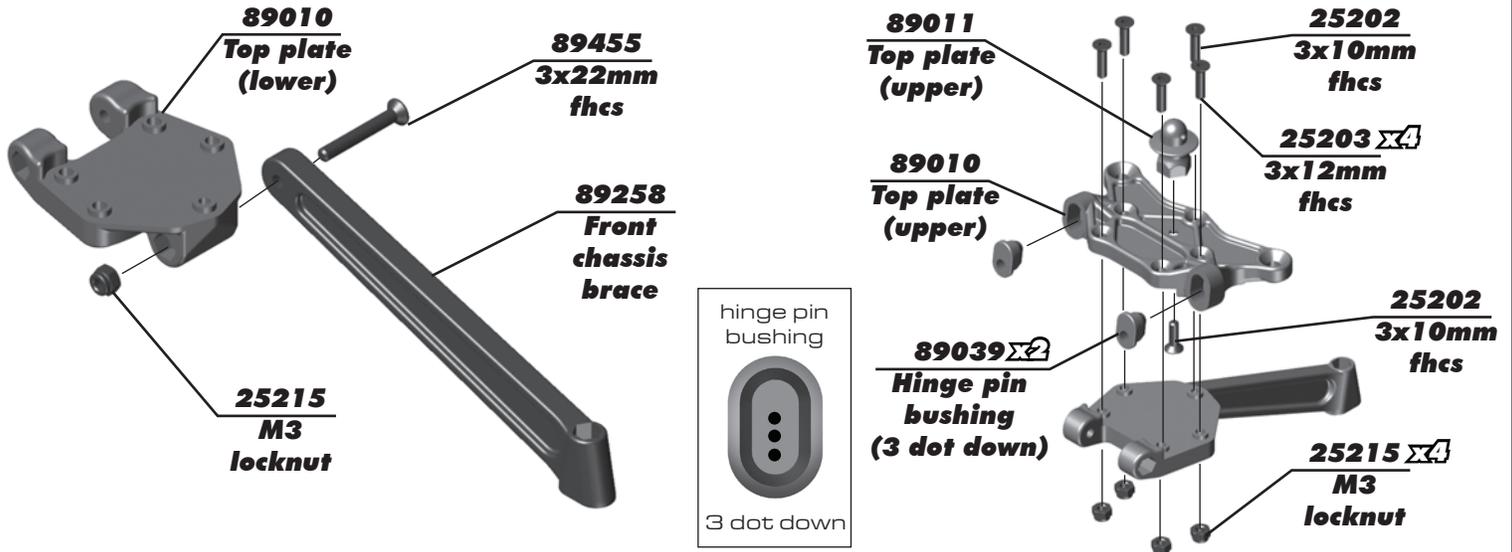
:: Shock Assembly - (cont.)



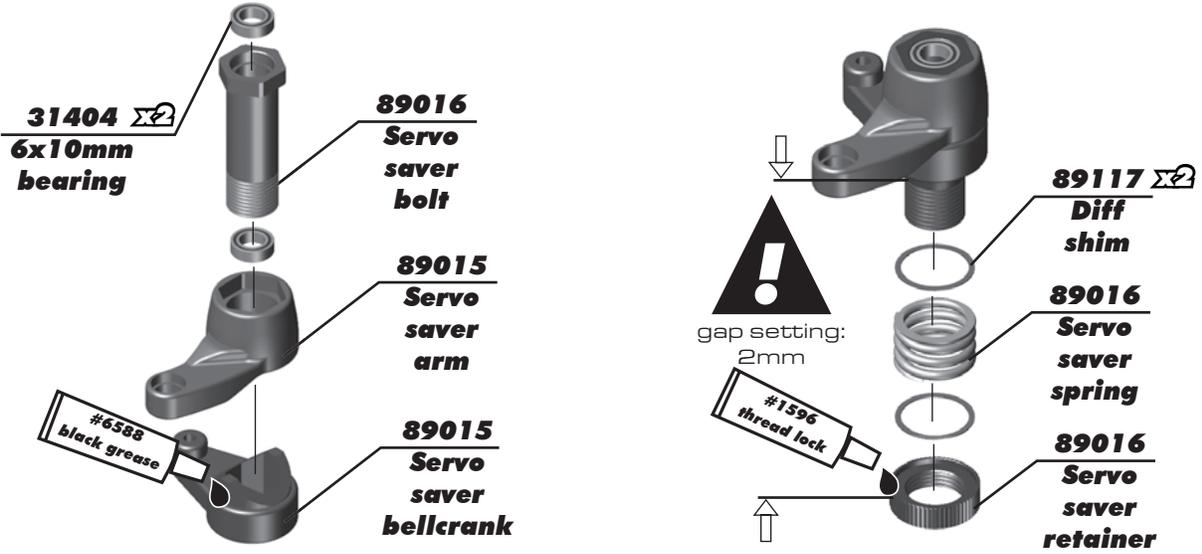
:: Chassis Assembly



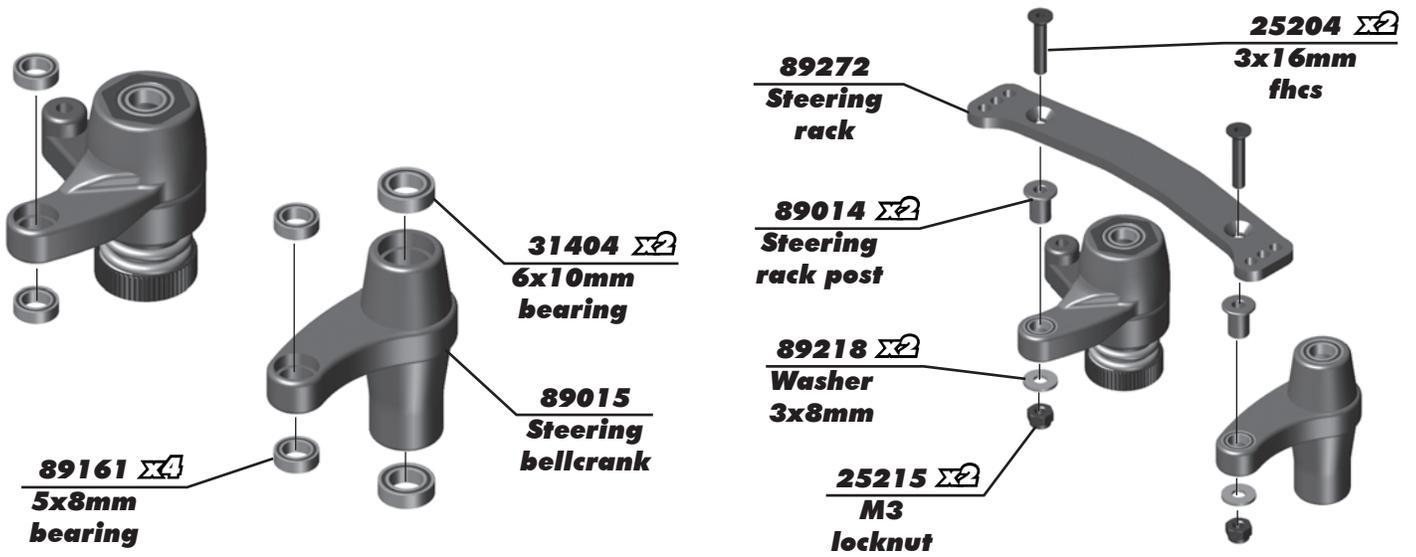
:: Steering Assembly



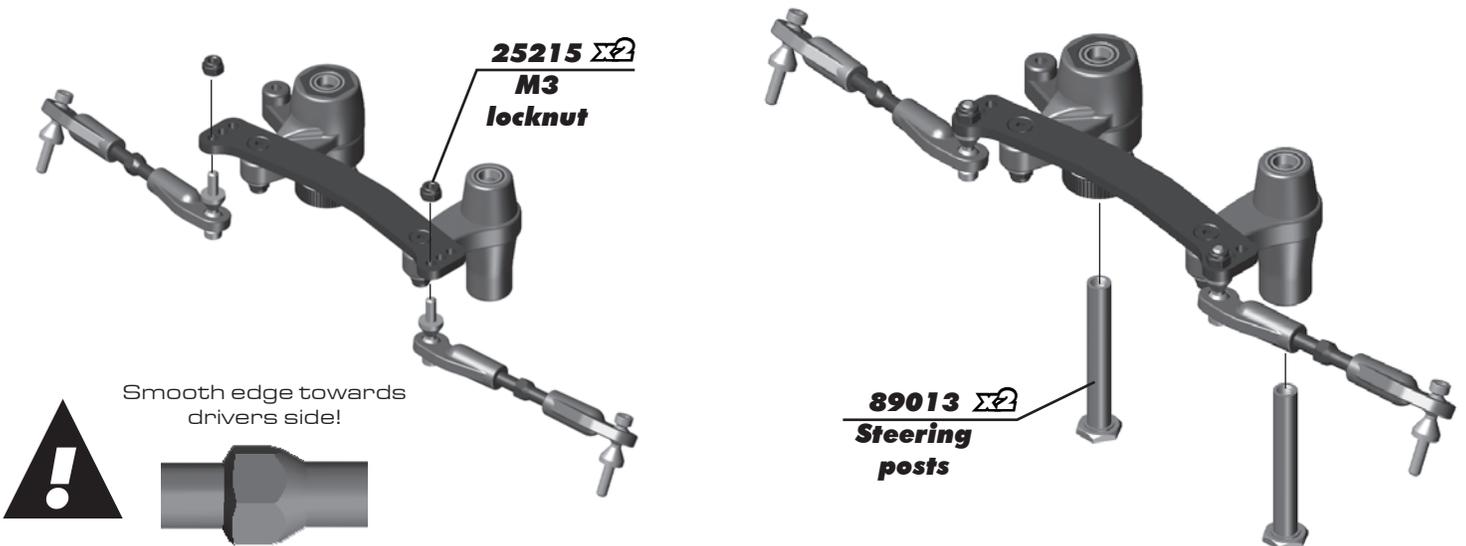
:: Steering Assembly (cont.)



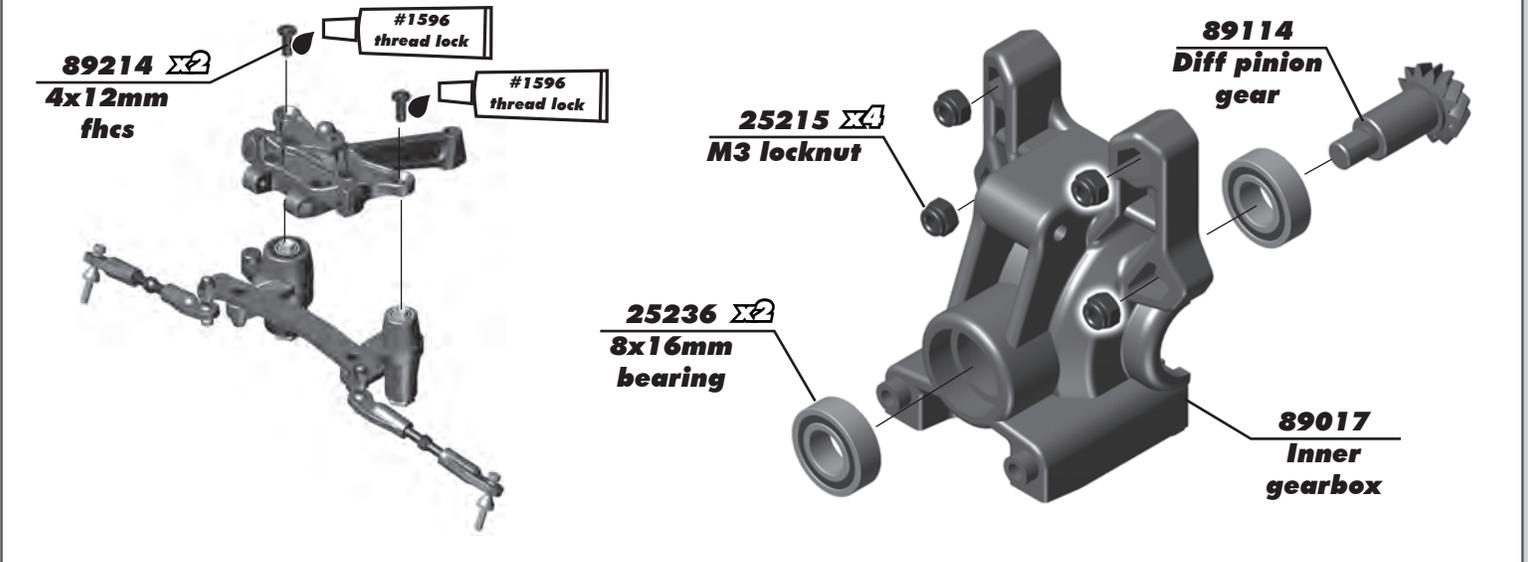
:: Steering Assembly (cont.)



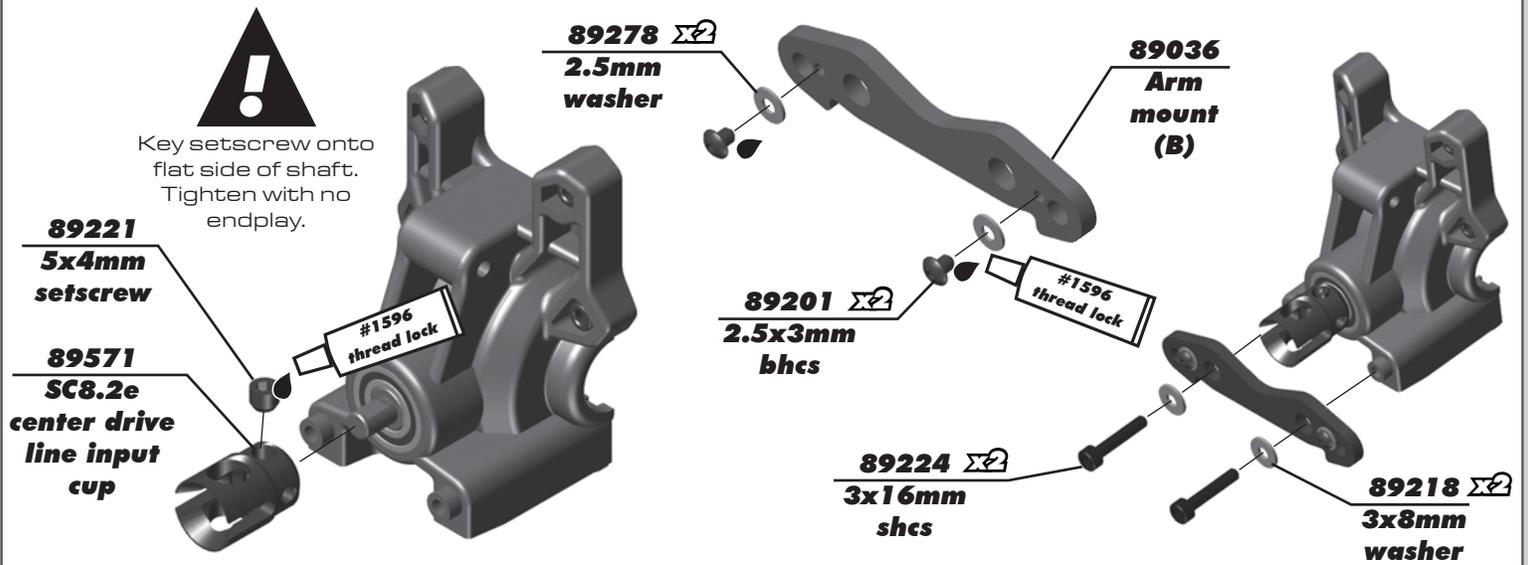
:: Steering Assembly (cont.)



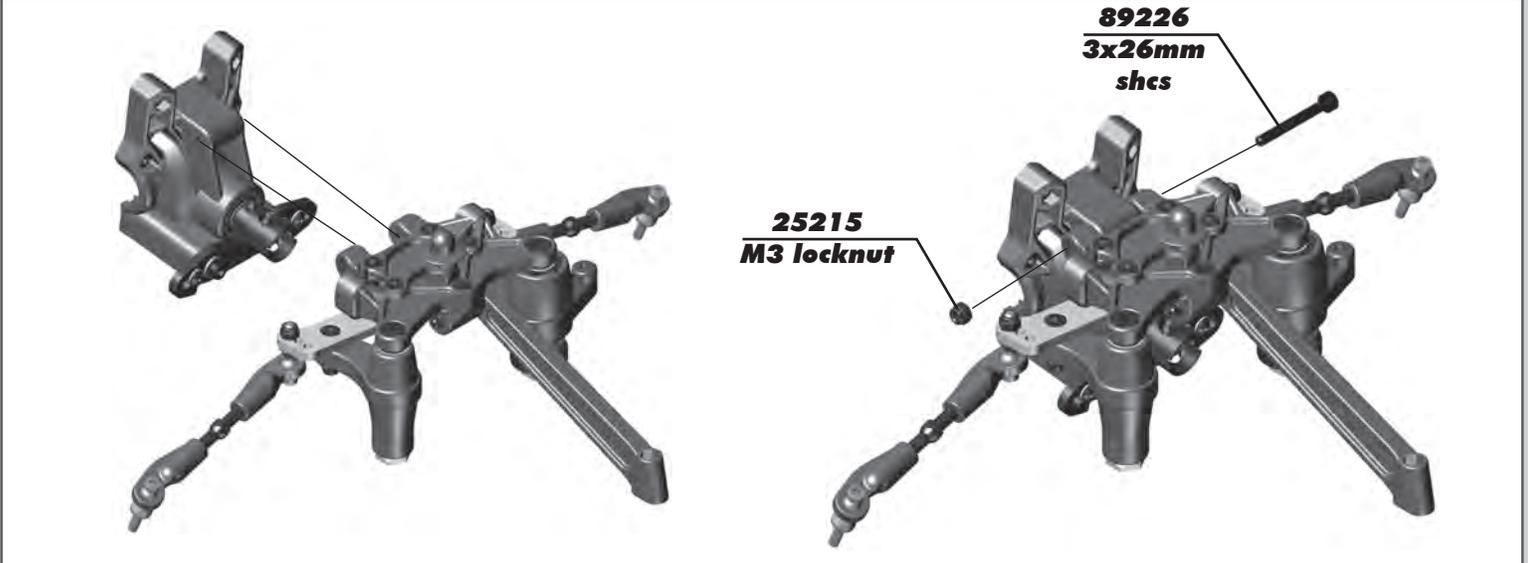
:: Steering Assembly (cont.) / Front Gearbox Assembly



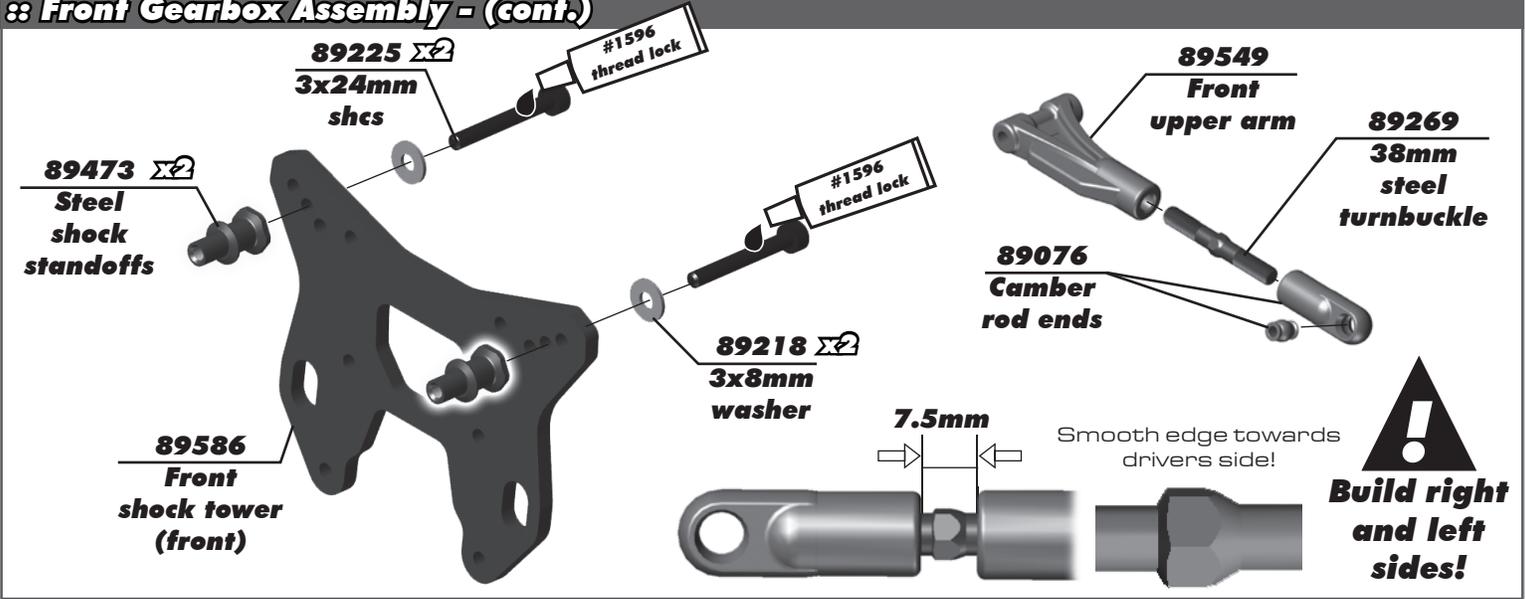
:: Front Gearbox Assembly - (cont.)



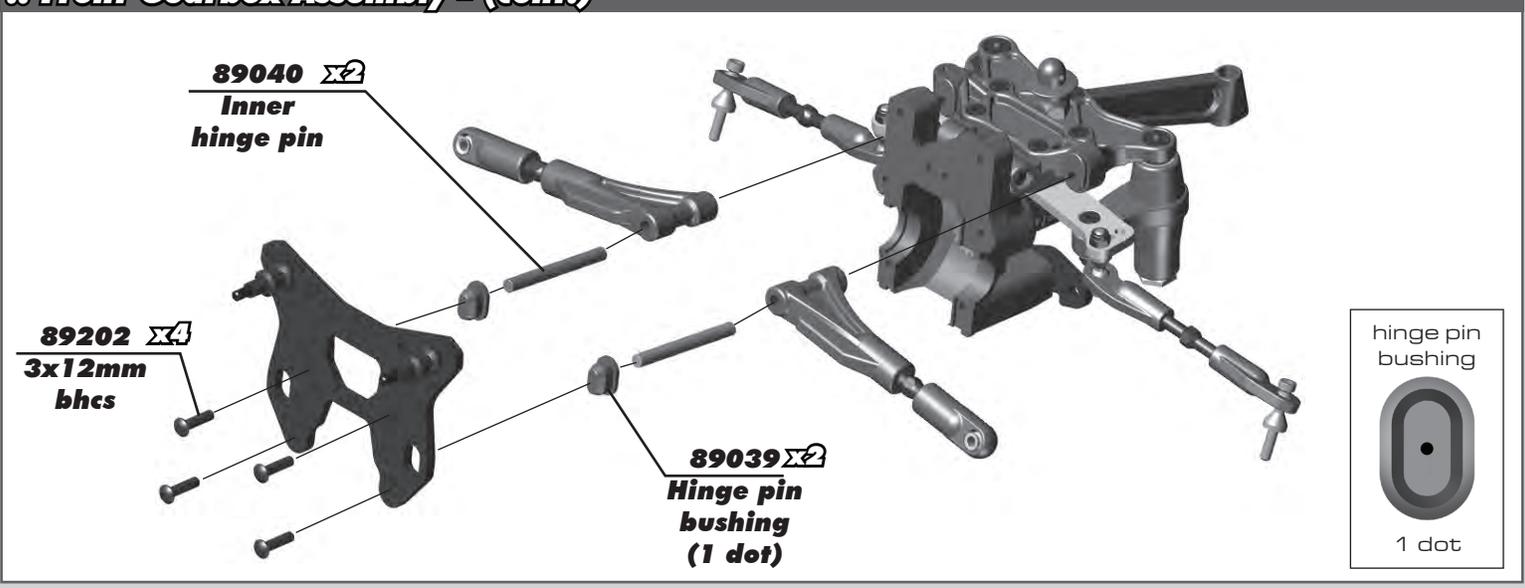
:: Front Gearbox Assembly - (cont.)



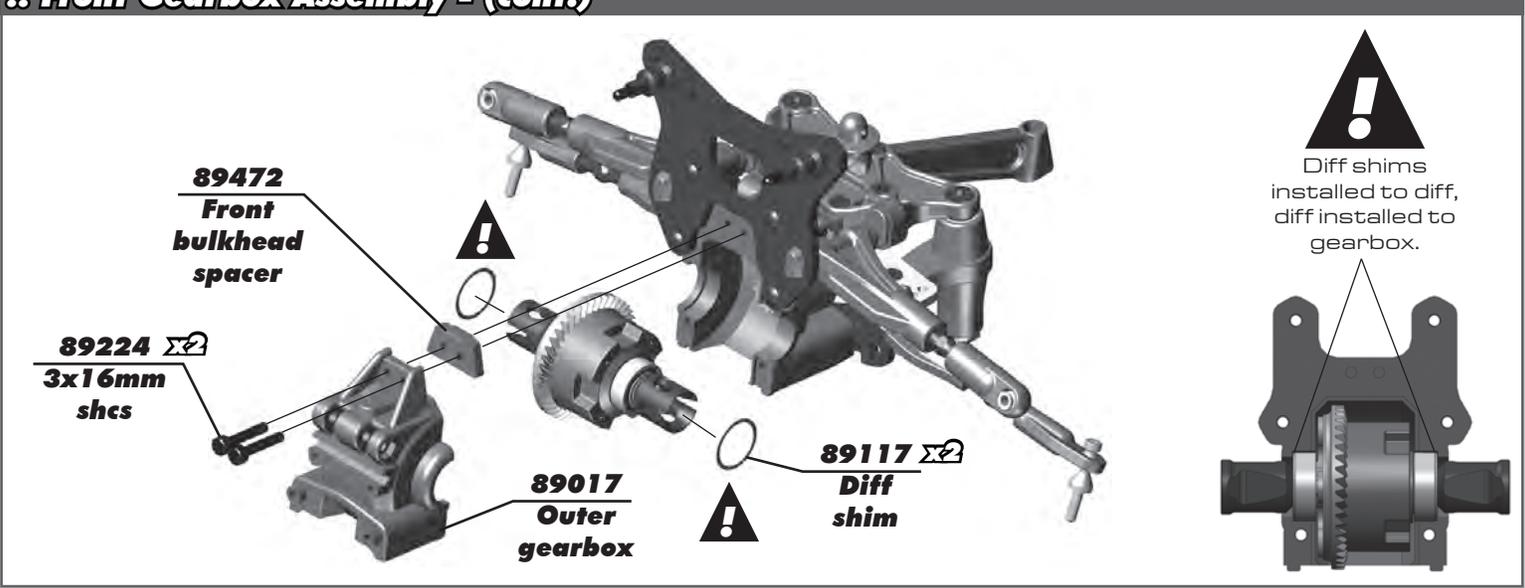
:: Front Gearbox Assembly - (cont.)



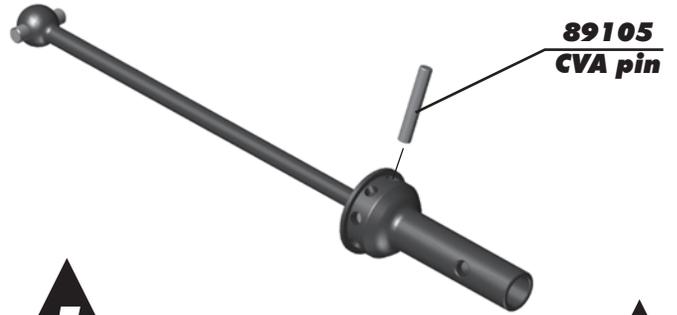
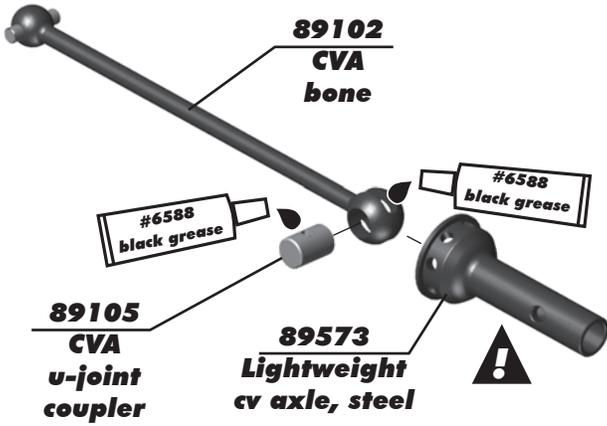
:: Front Gearbox Assembly - (cont.)



:: Front Gearbox Assembly - (cont.)



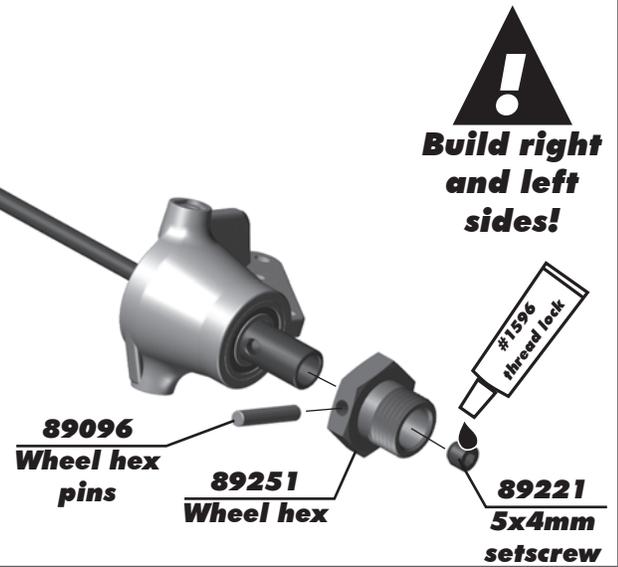
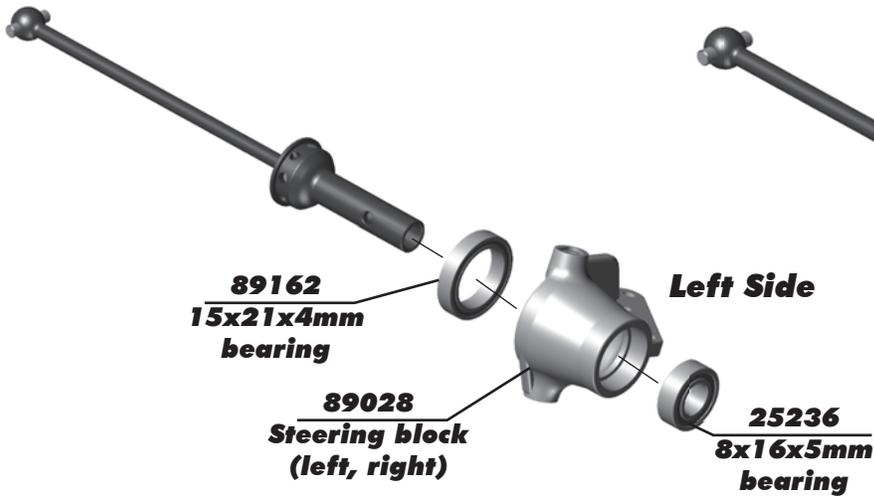
:: Front Suspension Assembly



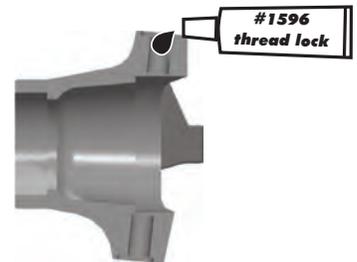
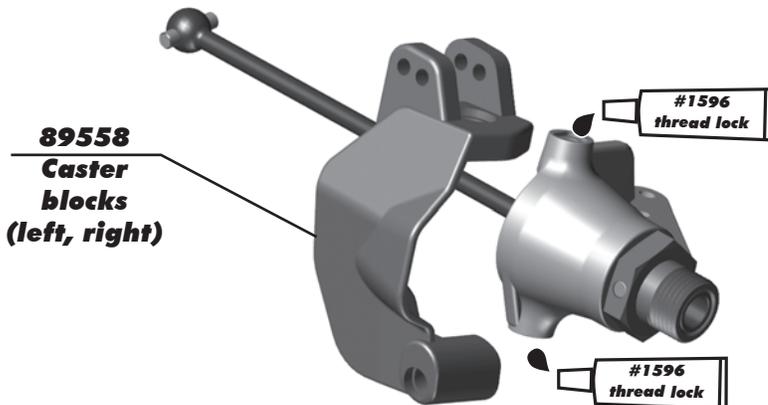
!
Axle has additional holes
for crosspin to extend
the life of the Axle.

!
Build Two!

:: Front Suspension Assembly - (cont.)



:: Front Suspension Assembly - (cont.)



Note:
One drop only.
Spread evenly
inside the threads.

:: Front Suspension Assembly - (cont.)

89029
Steering block bushing (short)

89206
4x10mm bhcs

89029
Steering block bushing (long)

89207
4x12mm bhcs

Note: direction
 16 deg. blue
 red

89032
16 deg. caster angle bushing (red)

89032
16 deg. caster angle bushing (blue)

Note: Key bushings into steering block.

Build right and left sides!

Do not tighten until bushing is keyed into steering block.

:: Front Suspension Assembly - (cont.)

89091
Swaybar joint

89511
Swaybar eyelet

4671
3x10mm setscrew

89511
Swaybar ball joint

89220
4x12mm setscrew

25192
3x20mm shcs

89550
RC8.2 front arms (left, right)

Build Two!

Droop screw placement!

Build right and left sides!

:: Front Suspension Assembly - (cont.)

89041
Outer hinge pin

31520
2.5x6mm bhcs

89040
Inner hinge pin

Build right and left sides!

:: Front Suspension Assembly - (cont.)



**Build right
and left
sides!**

hinge pin
bushing



2 dot
down

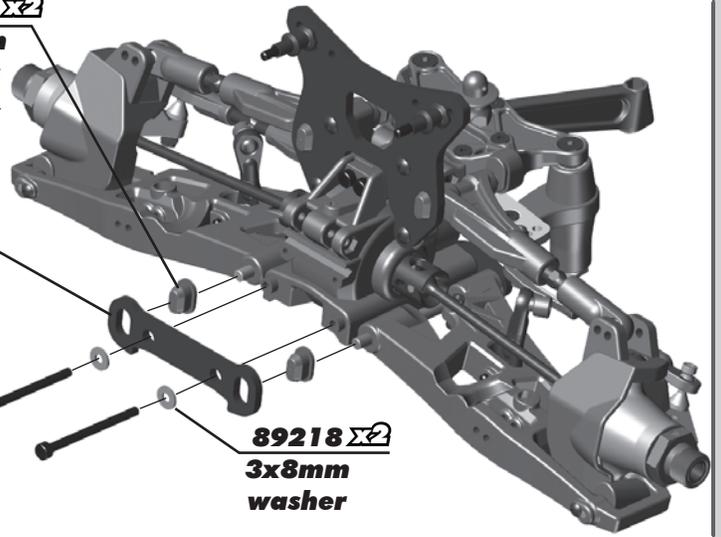
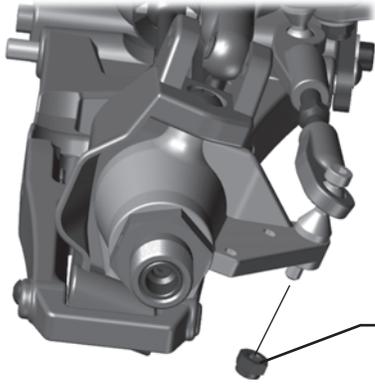
89039 $\Sigma 2$
**Hinge pin
bushings
(two dot,
down)**

89035
**Arm
mount
(A)**

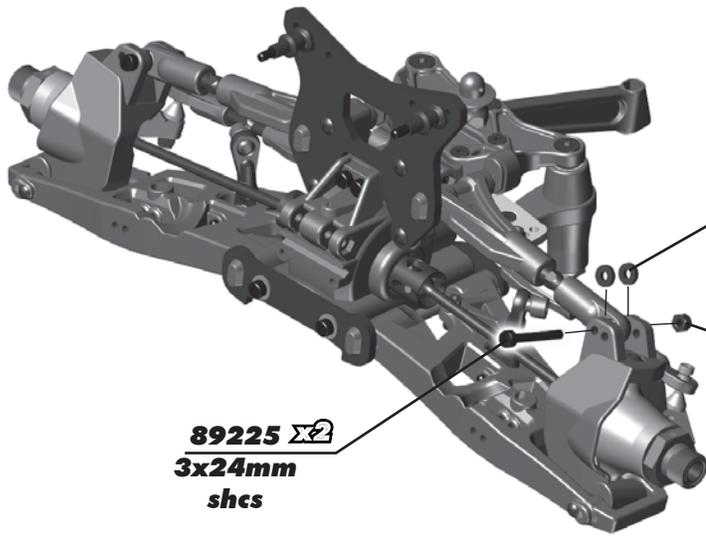
89228 $\Sigma 2$
**3x40mm
shcs**

89218 $\Sigma 2$
**3x8mm
washer**

25215 $\Sigma 2$
**M3
locknut**



:: Front Suspension Assembly - (cont.)



89225 $\Sigma 2$
**3x24mm
shcs**

89031 $\Sigma 4$
**Blue 1.7mm
caster spacer**

25215 $\Sigma 2$
**M3
locknut**

**Side
View**



**Build right
and left
sides!**

:: Front Suspension Assembly - (cont.)

25225 $\Sigma 2$
**3x3mm
setscrew**

89088
**2.5mm
anti roll
bar (silver)**

89219 $\Sigma 2$
**3x5mm
setscrew**

31531 $\Sigma 2$
**3x6mm
bhcs**

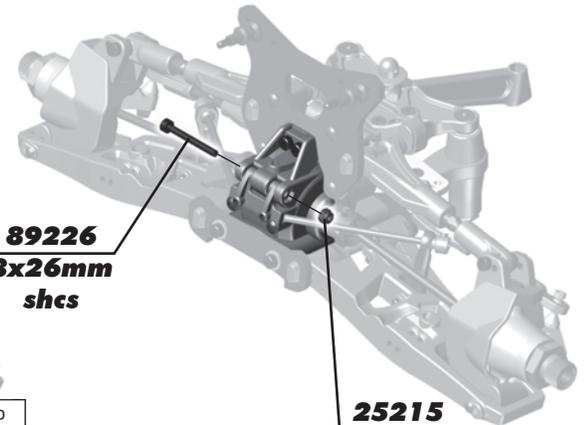
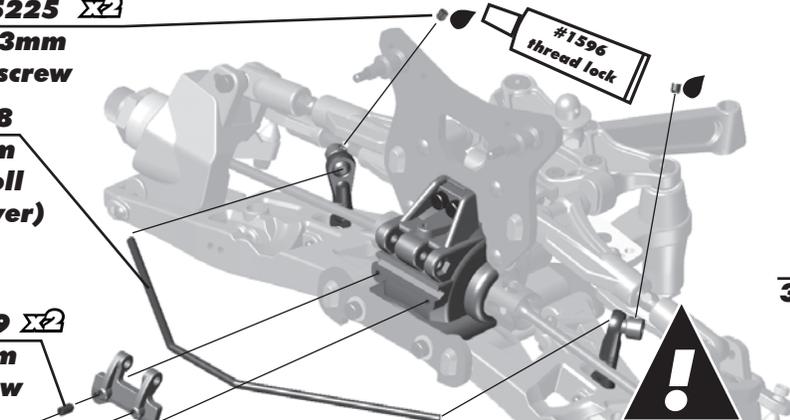
89017
**Swaybar
mount**

**#1596
thread lock**

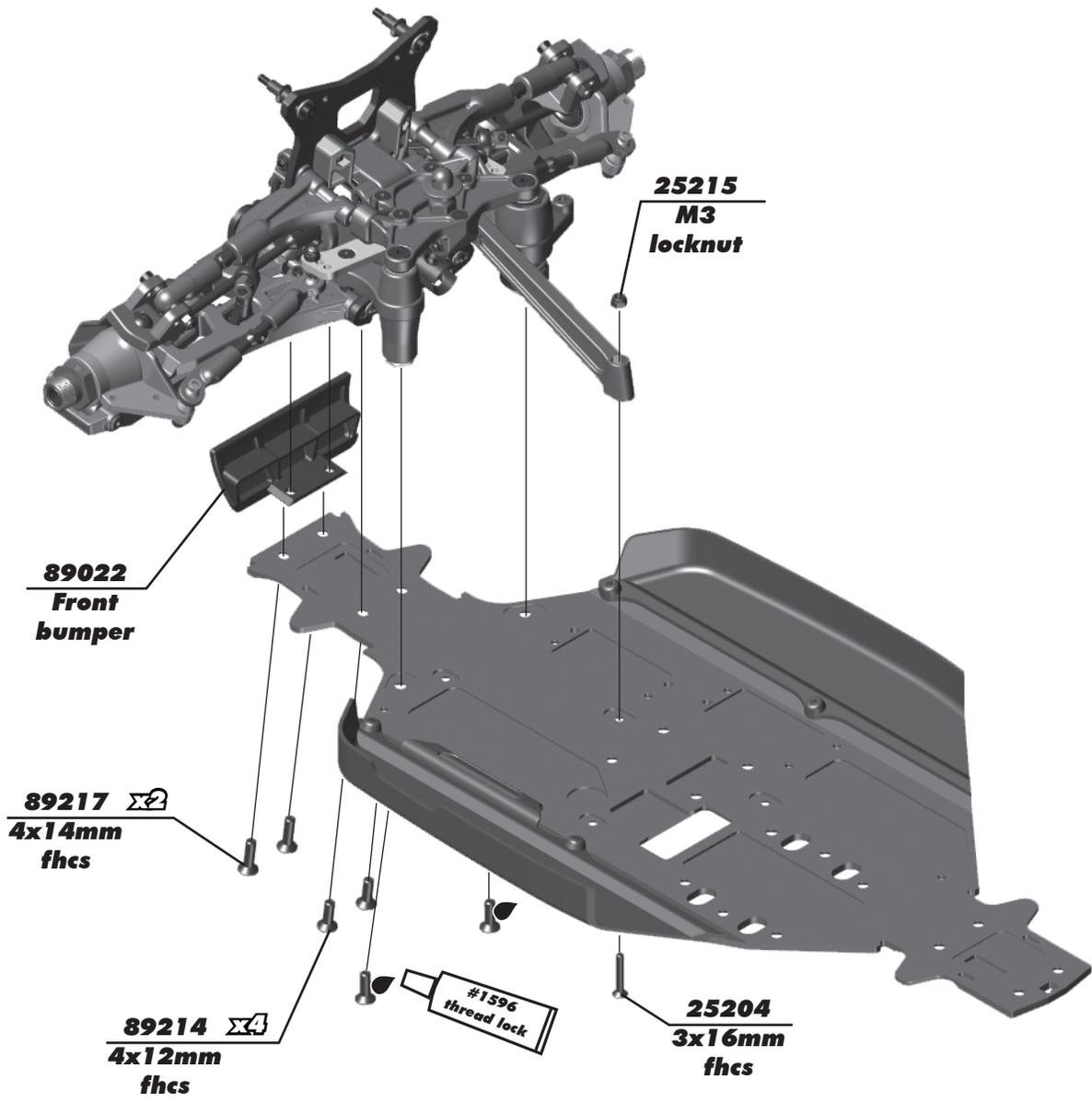
89226
**3x26mm
shcs**

25215
**M3
locknut**

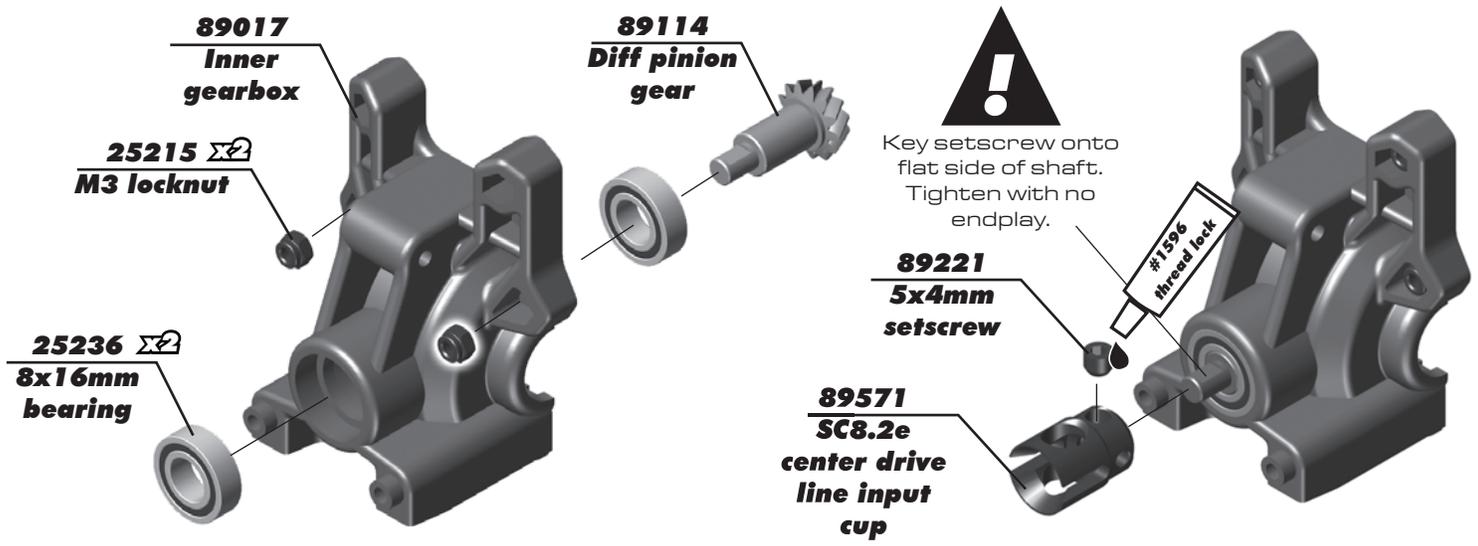
Tighten screws to
remove free play but
ensure some
movement in the
anti-roll bar.



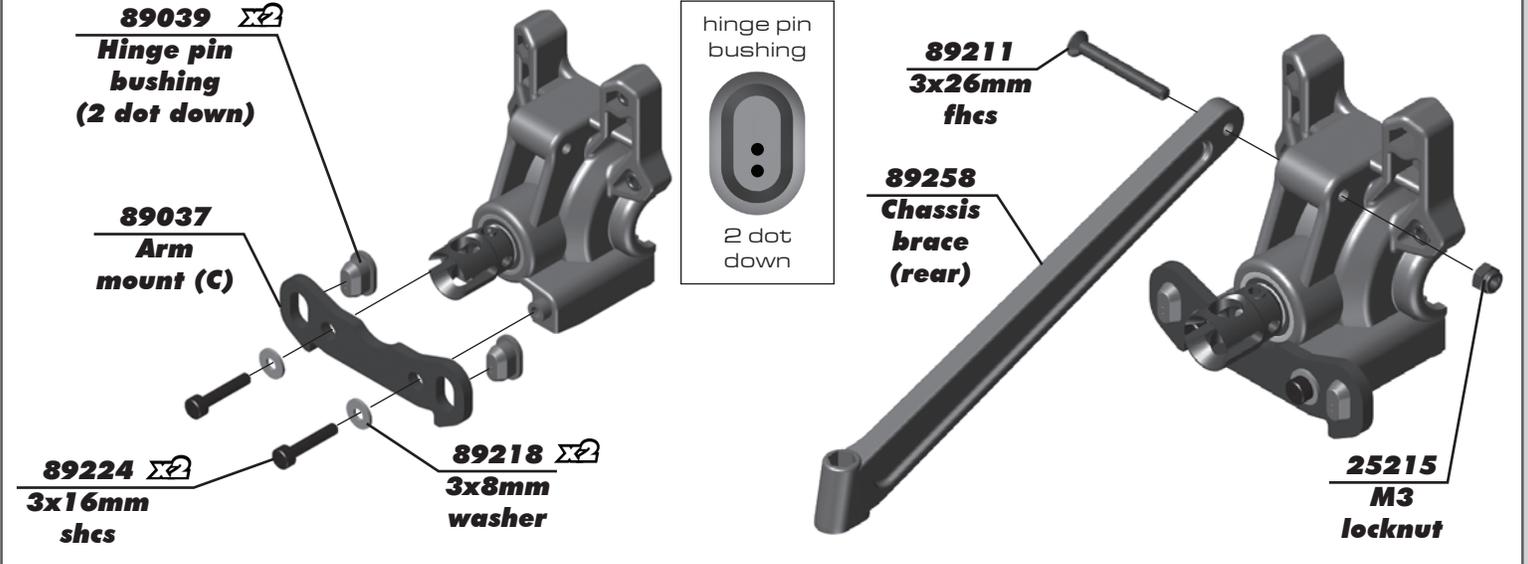
:: Front Suspension Assembly - (cont.)



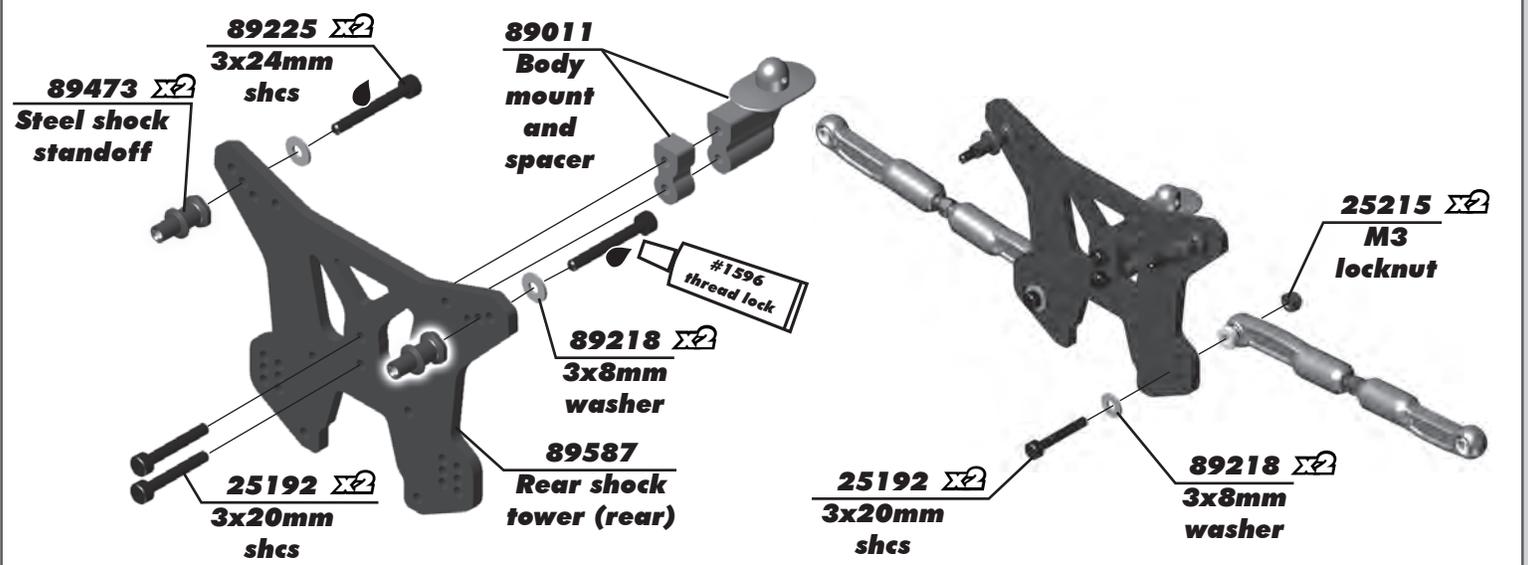
:: Rear Gearbox Assembly



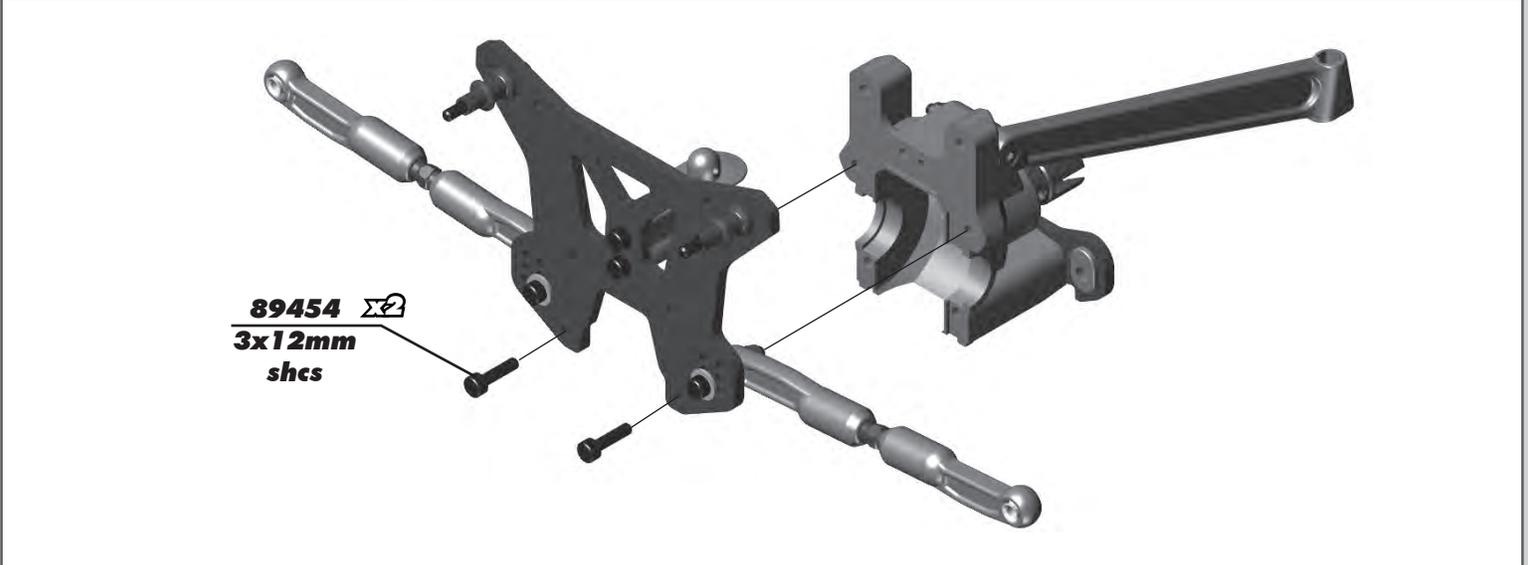
:: Rear Gearbox Assembly - (cont.)



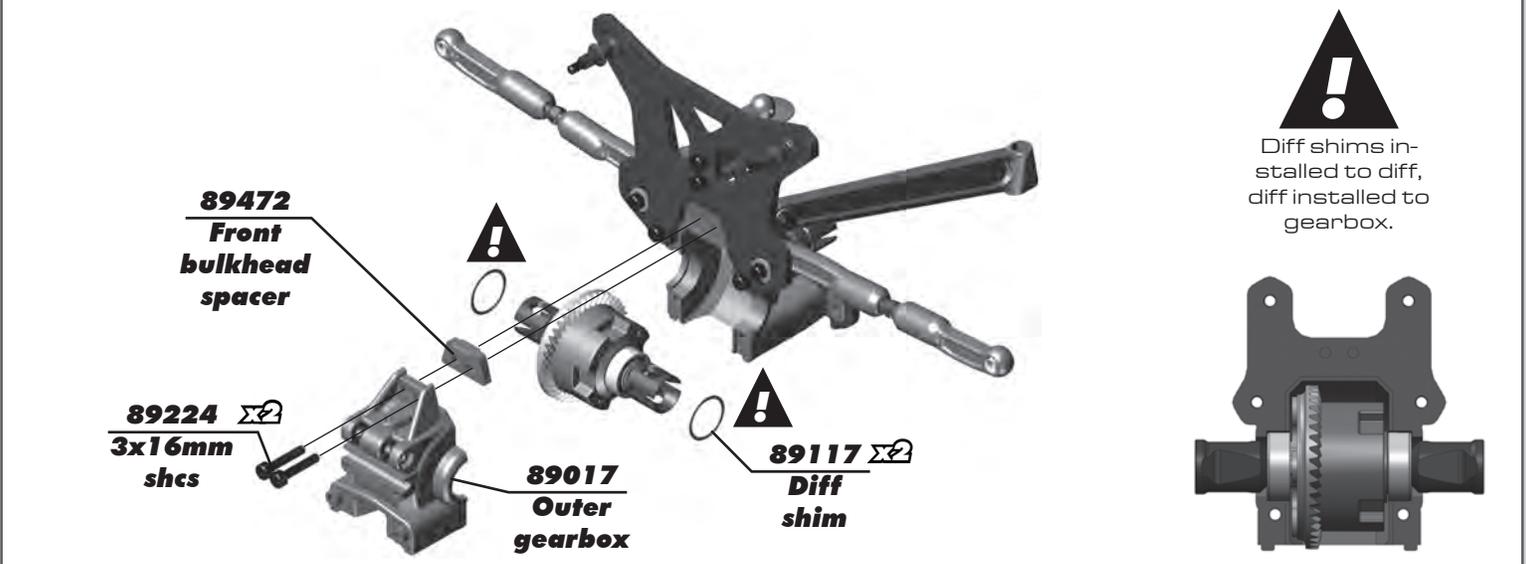
:: Rear Gearbox Assembly - (cont.)



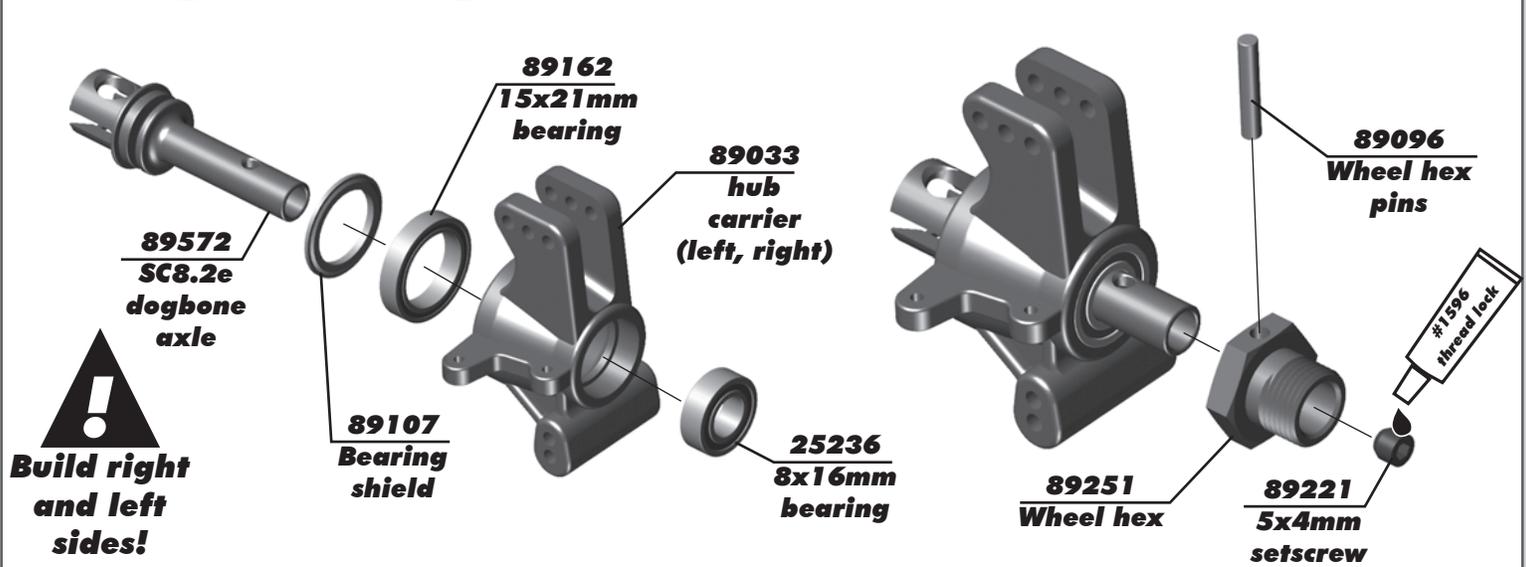
:: Rear Gearbox Assembly - (cont.)



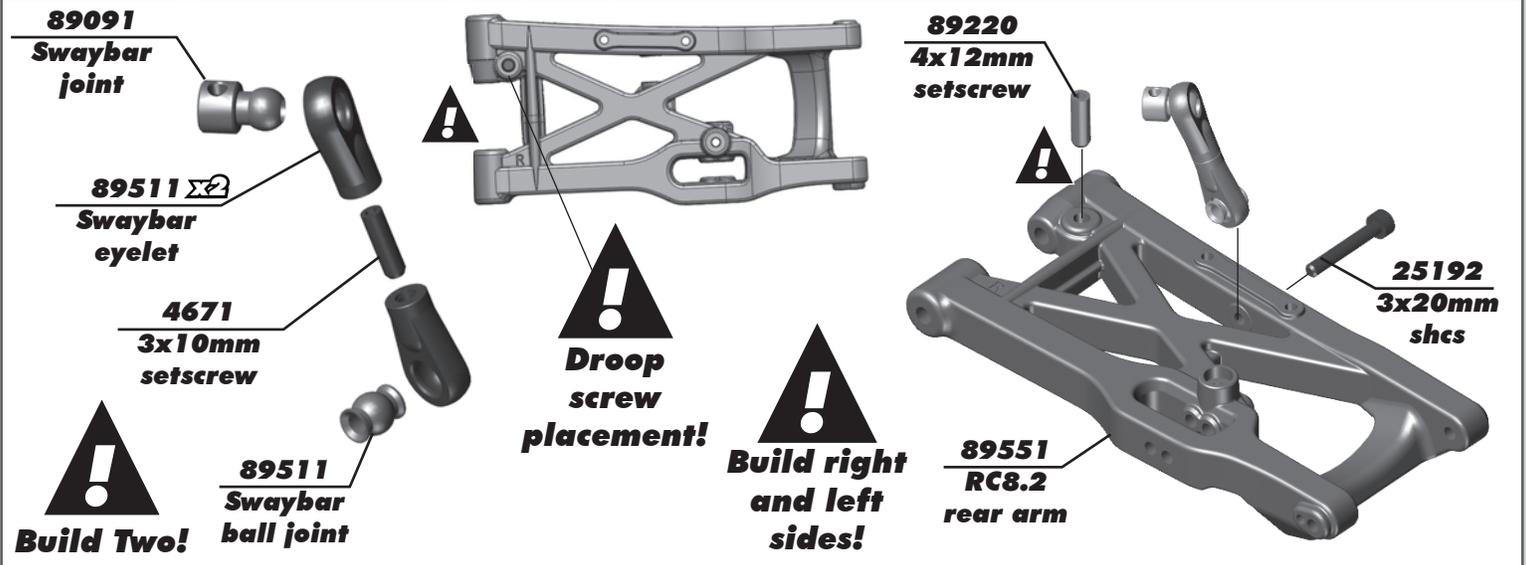
:: Rear Gearbox Assembly - (cont.)



:: Rear Suspension Assembly



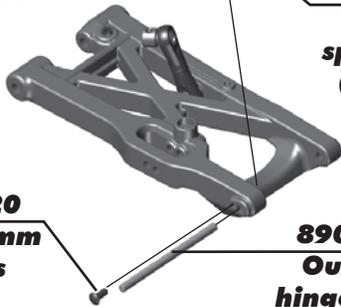
:: Rear Suspension Assembly - (cont.)



:: Rear Suspension Assembly - (cont.)

!
Build right
and left
sides!

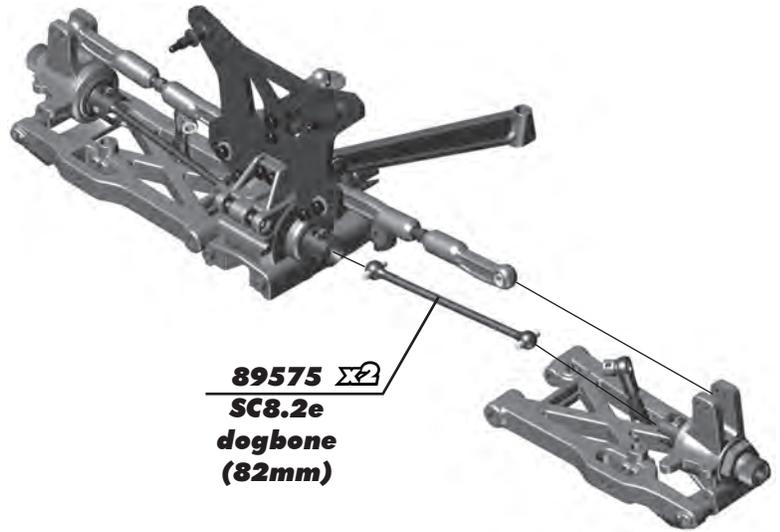
31520
2.5x6mm
bhcs



89041
Outer
hinge pin



89031 $\Sigma 2$
Hub
spacers
(red)



89575 $\Sigma 2$
SC8.2e
dogbone
(82mm)

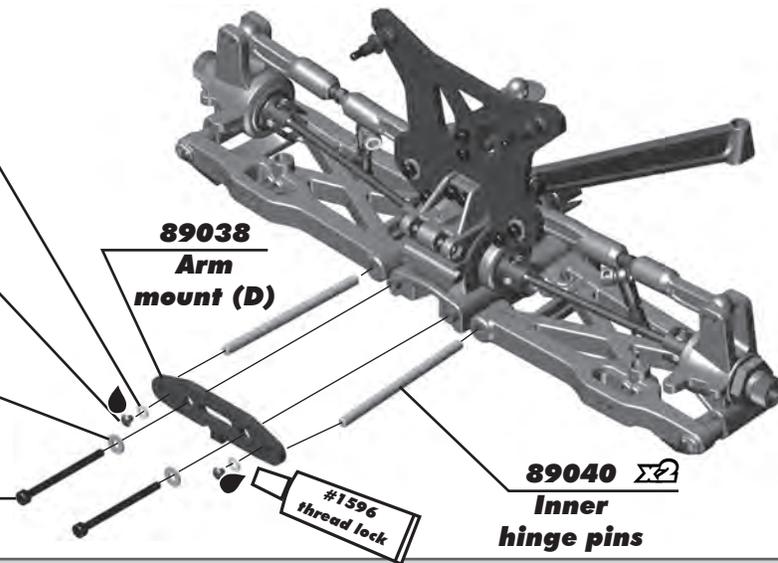
:: Rear Suspension Assembly - (cont.)

89278 $\Sigma 2$
2.5mm
washer

89201 $\Sigma 2$
2.5x3mm
bhcs

89218 $\Sigma 2$
3x8mm
washer

89228 $\Sigma 2$
3x40mm
shcs



89038
Arm
mount (D)

89040 $\Sigma 2$
Inner
hinge pins

#1596
thread lock

:: Rear Suspension Assembly - (cont.)

25215
M3
locknut

89089
2.8mm
anti roll
bar (gold)

89017
Swaybar
mount

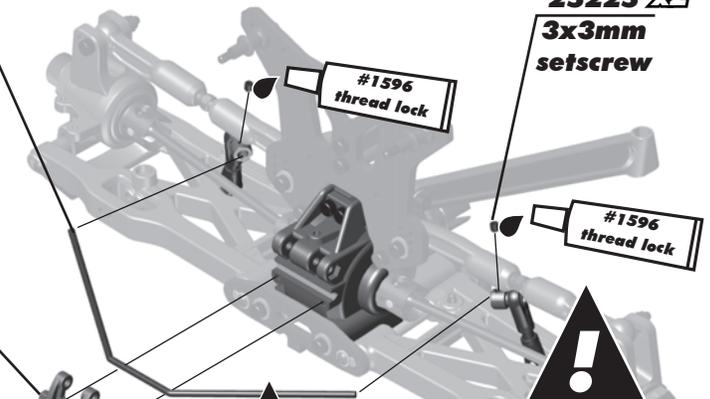
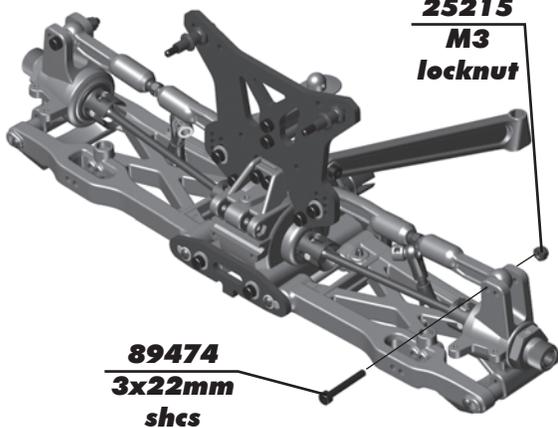
31531 $\Sigma 2$
3x6mm
bhcs

89219 $\Sigma 2$
3x5mm
setscrew

25225 $\Sigma 2$
3x3mm
setscrew

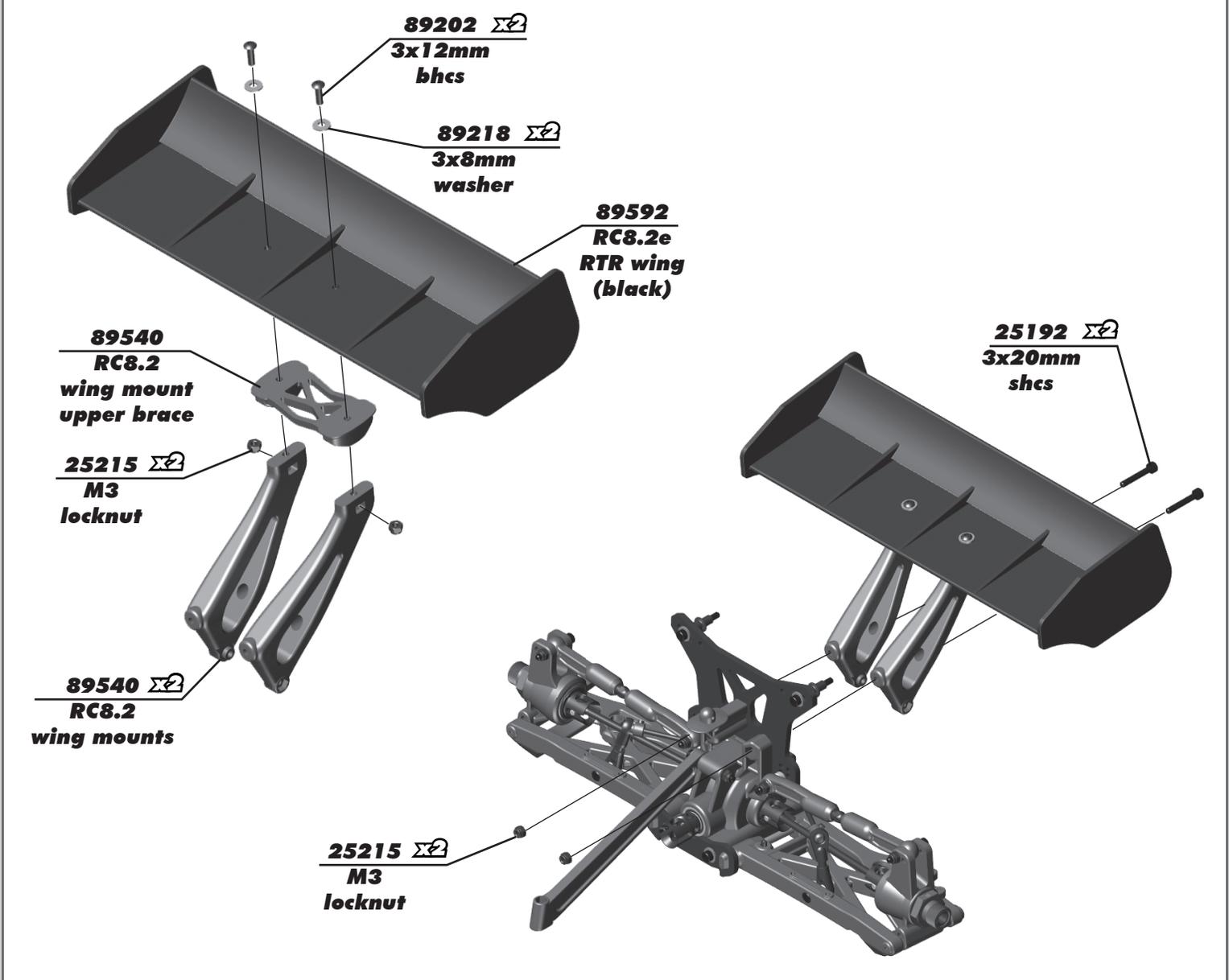
#1596
thread lock

#1596
thread lock

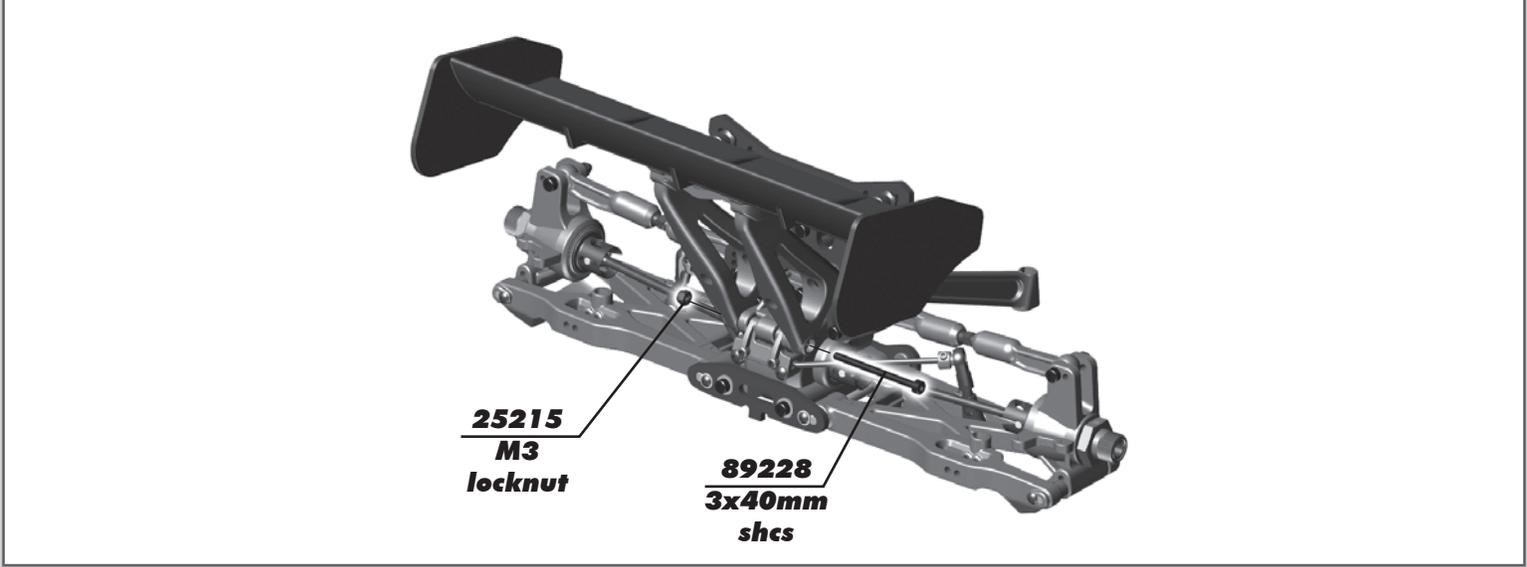


!
Tighten screws to
remove free play but
ensure some
movement in the
anti-roll bar.

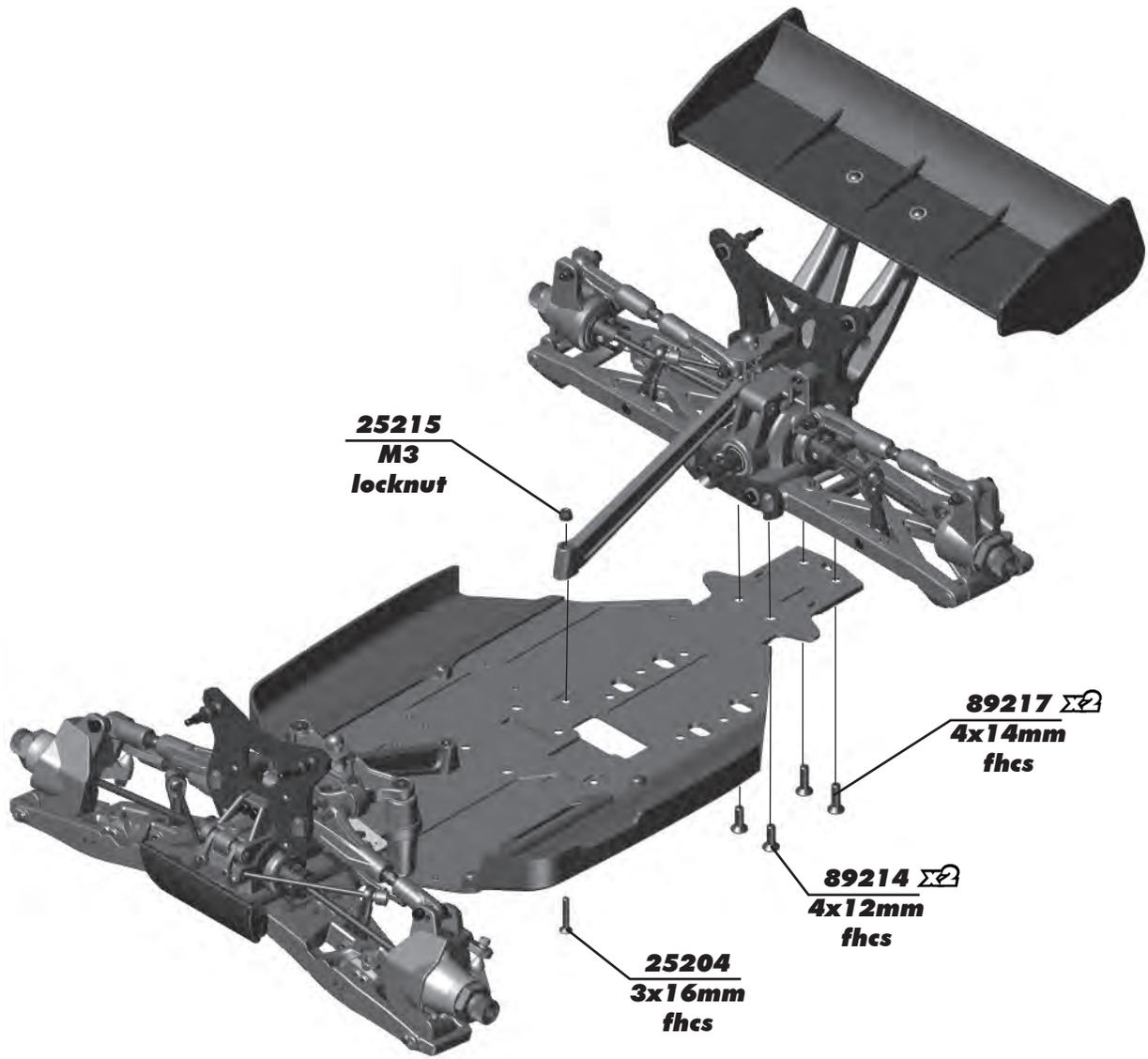
:: Rear Suspension Assembly - (cont.)



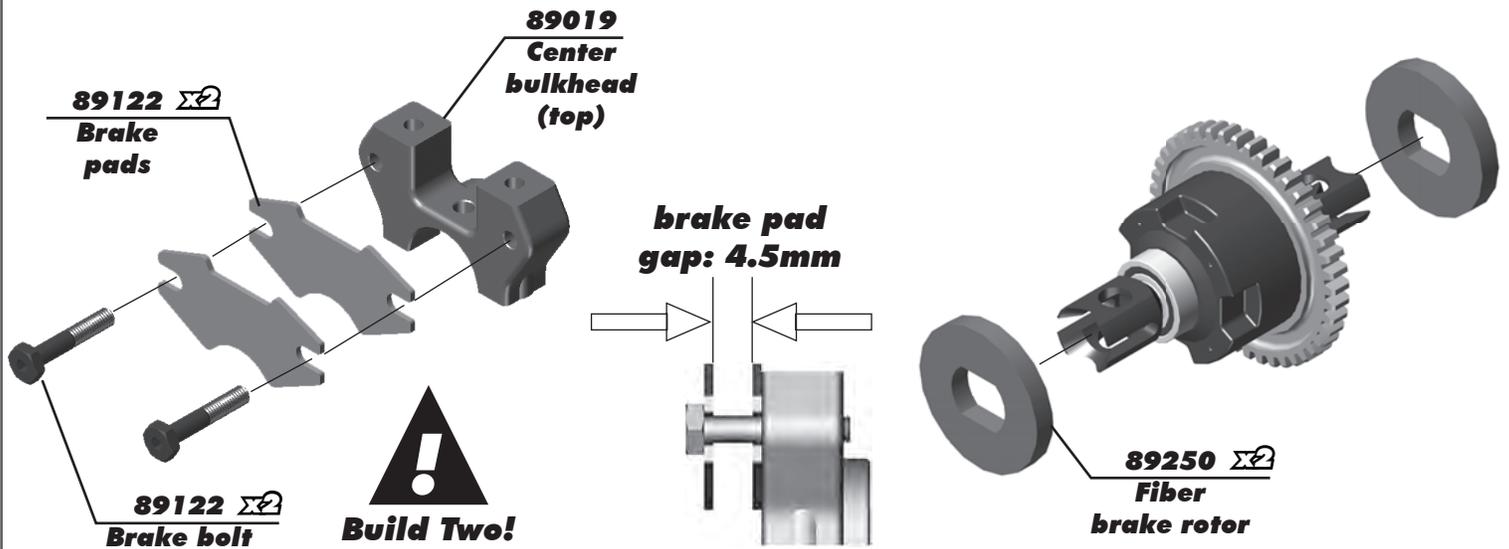
:: Rear Suspension Assembly - (cont.)



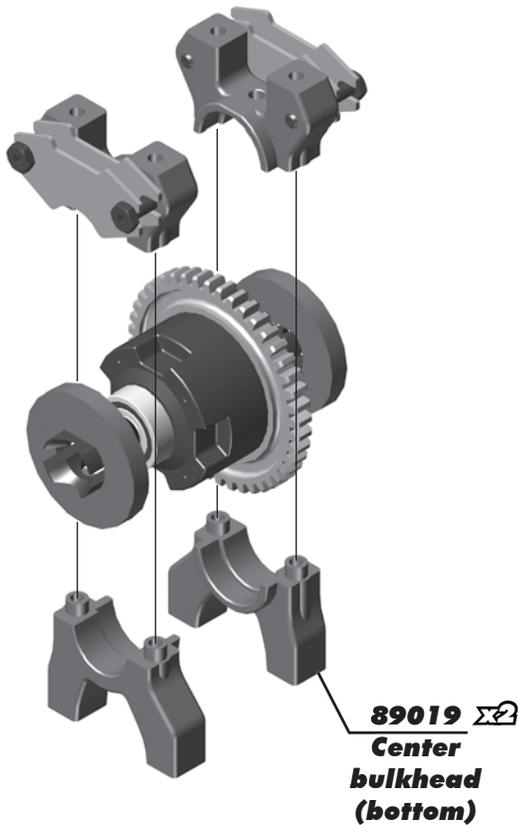
:: Rear Suspension Assembly - (cont.)



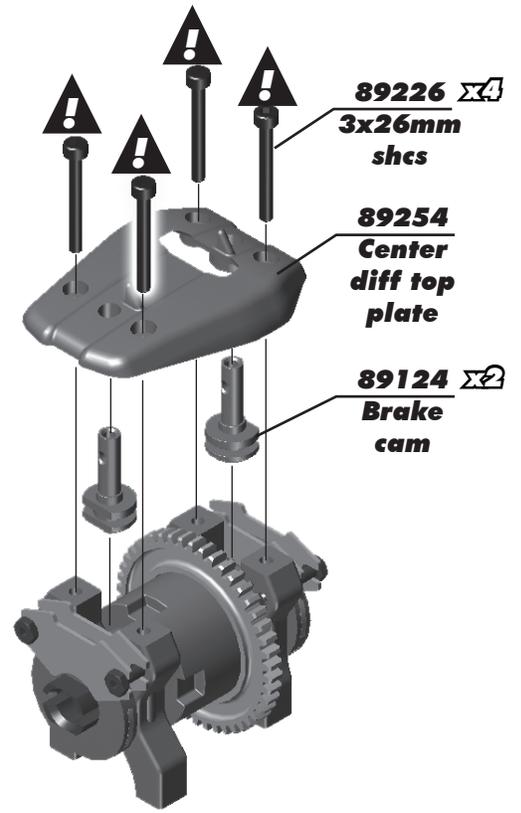
:: Center Bulkhead Assembly



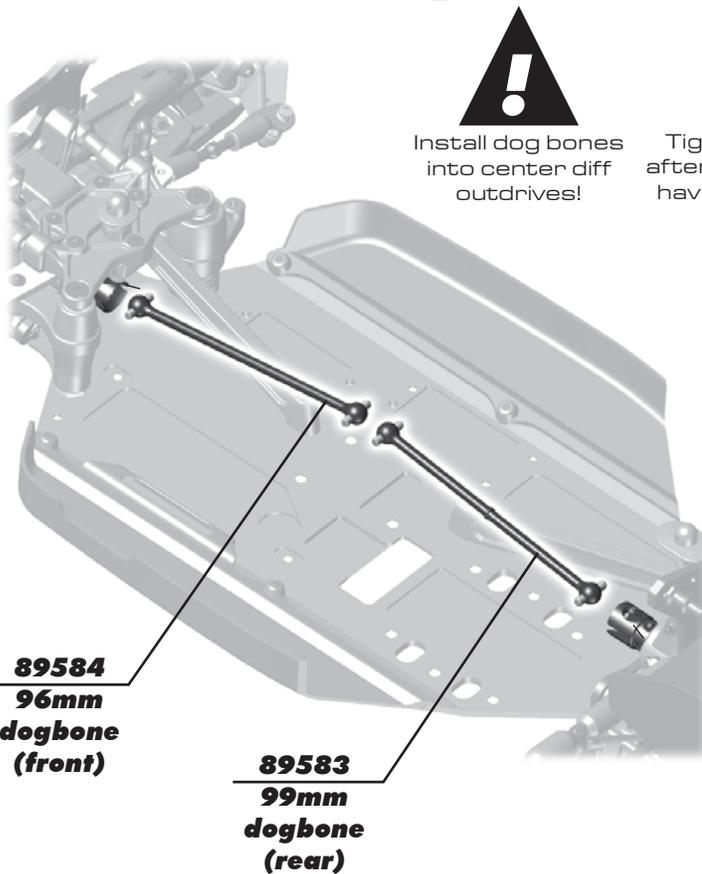
:: Center Bulkhead Assembly (cont.)



!
Do not tighten #89226 3x26mm shcs completely until the next step!

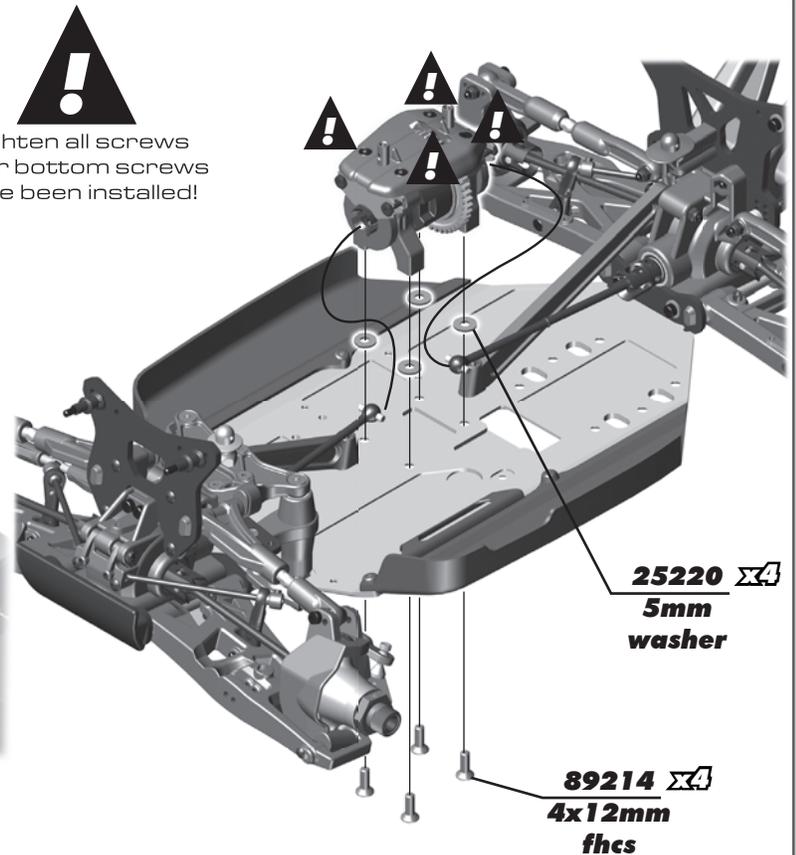


:: Center Bulkhead Assembly - (cont.)



!
Install dog bones into center diff outdrives!

!
Tighten all screws after bottom screws have been installed!



:: Shocks Install



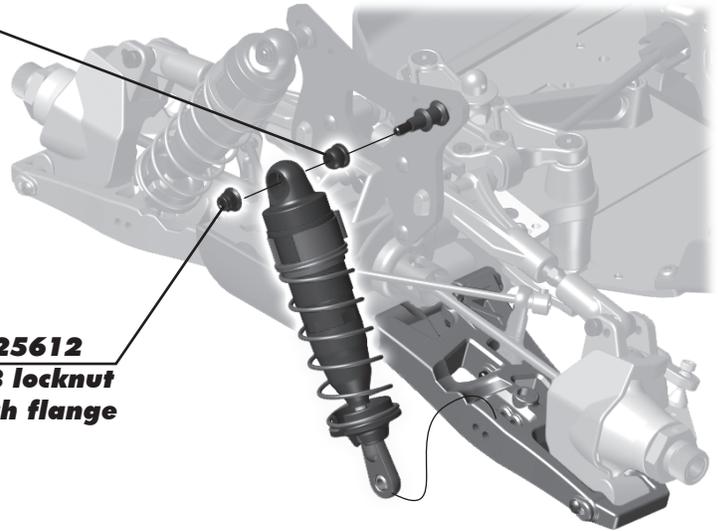
Note the direction of the shock cap when installing onto shock standoffs



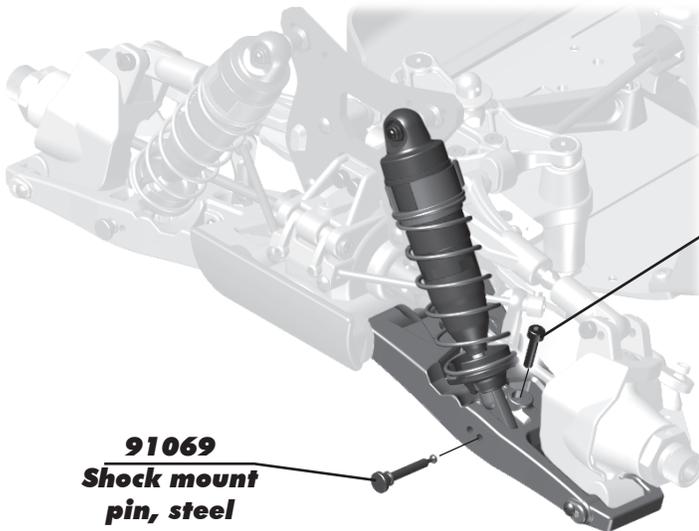
Install two front shocks.

89083 Shock bushing

25612 M3 locknut with flange

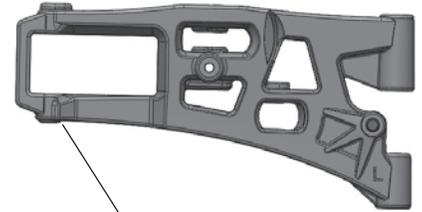


:: Shocks Install - (cont.)



91069 Shock mount pin, steel

89454 3x12mm shcs



After installation, adjust droop screw to get a front shock length of 103mm measured center to center on the shock cap / shock mount pin.

:: Shocks Install - (cont.)



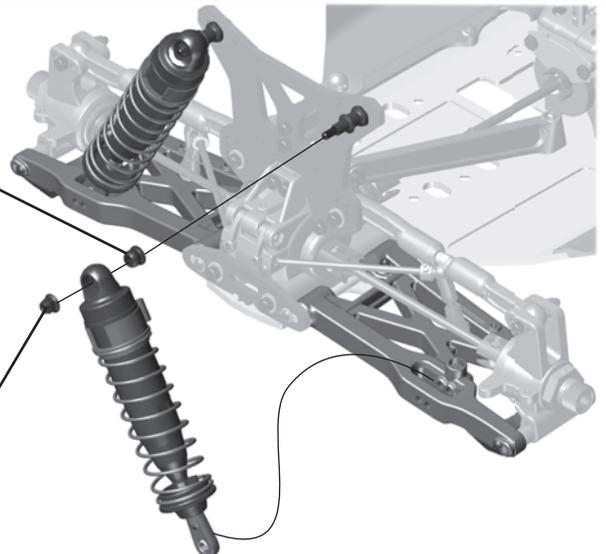
Note the direction of the shock cap when installing onto shock standoffs



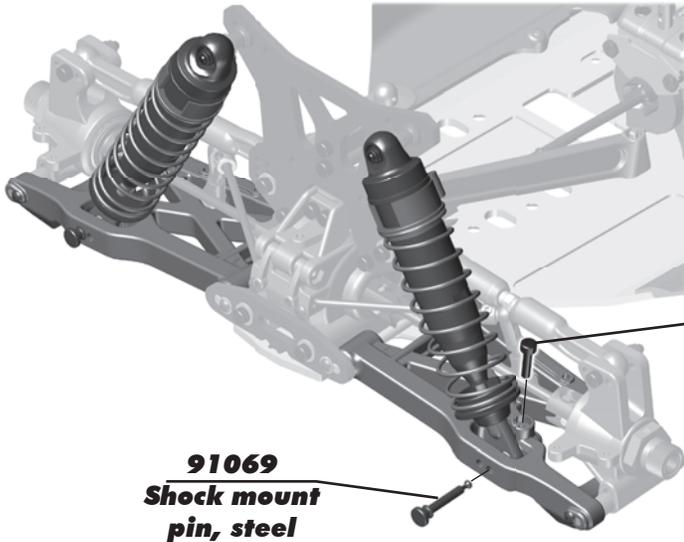
Install two rear shocks.

89083 Shock bushing

25612 M3 locknut with flange



:: Shocks Install - (cont.)



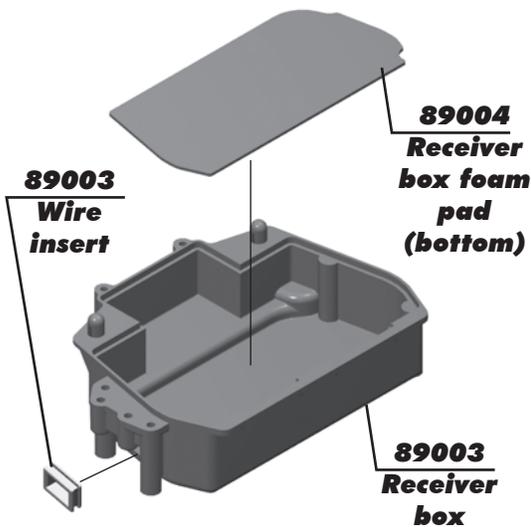
91069
Shock mount
pin, steel

89454
3x12mm
shcs



After installation, adjust droop screw to get a rear shock length of 122mm measured center to center on the shock cap / shock mount pin.

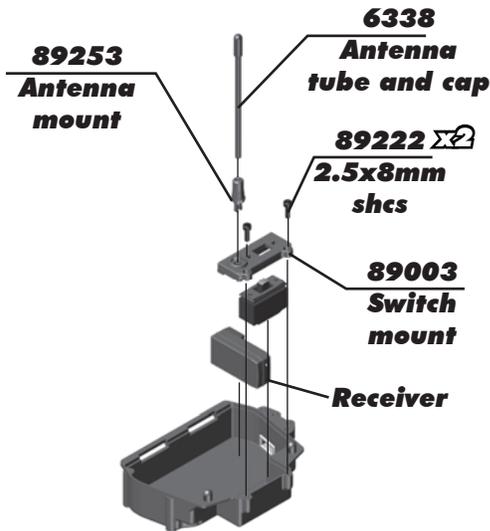
:: Radio Tray Assembly



89003
Wire
insert

89004
Receiver
box foam
pad
(bottom)

89003
Receiver
box



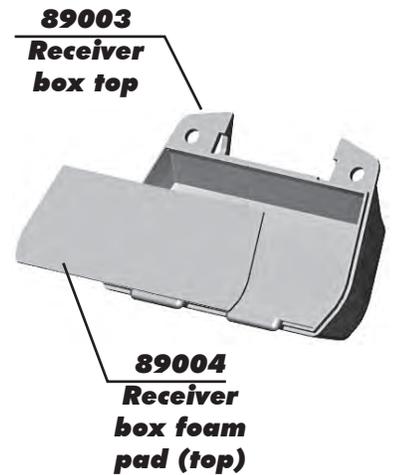
89253
Antenna
mount

6338
Antenna
tube and cap

89222
2.5x8mm
shcs

89003
Switch
mount

Receiver



89003
Receiver
box top

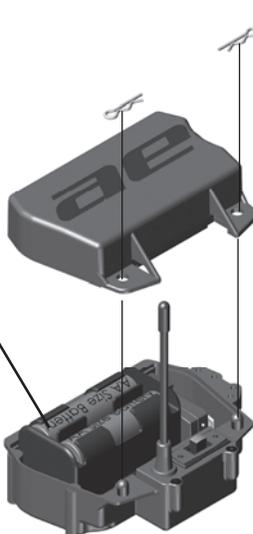
89004
Receiver
box foam
pad (top)

:: Radio Tray Assembly - (cont.)

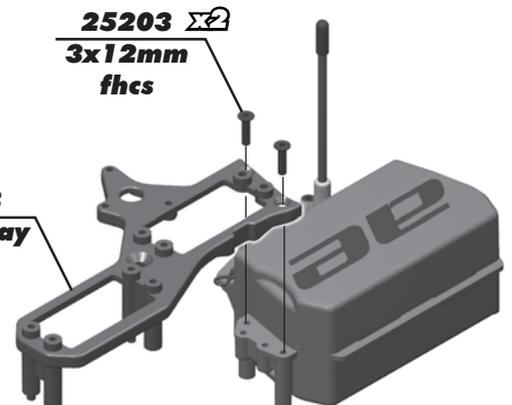
5 cell inline pack configuration shown. For hump pack or LiPo packs, use optional forward battery box #89471.



AA receiver pack
(4 AA batteries
not included)



21173
Small
body clip



25203
3x12mm
fhcs

89253
Radio tray

:: Radio Tray Assembly - (cont.)

89218 X3
Washers
3x8mm

25187 X3
3x14mm
bhcs

31531 X3
3x6mm
bhcs

Throttle servo

Steering servo

Transponder and 3x6mm bhcs not included!

89006 X4
Servo spacers

Servo mounts vary per servo manufacturer. Space your servos low to the chassis without touching the bottom.

:: Radio Tray Assembly - (cont.)

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

Printed here

25215
M3
locknut

89007
Steering
servo horn

25201
3x8mm
fhcs

89008
Servo cone
washer

89008
Servo horn
ring

89078 X2
Servo link
rod end

2308
3x18mm
bhcs

89267
32mm steel
turnbuckle

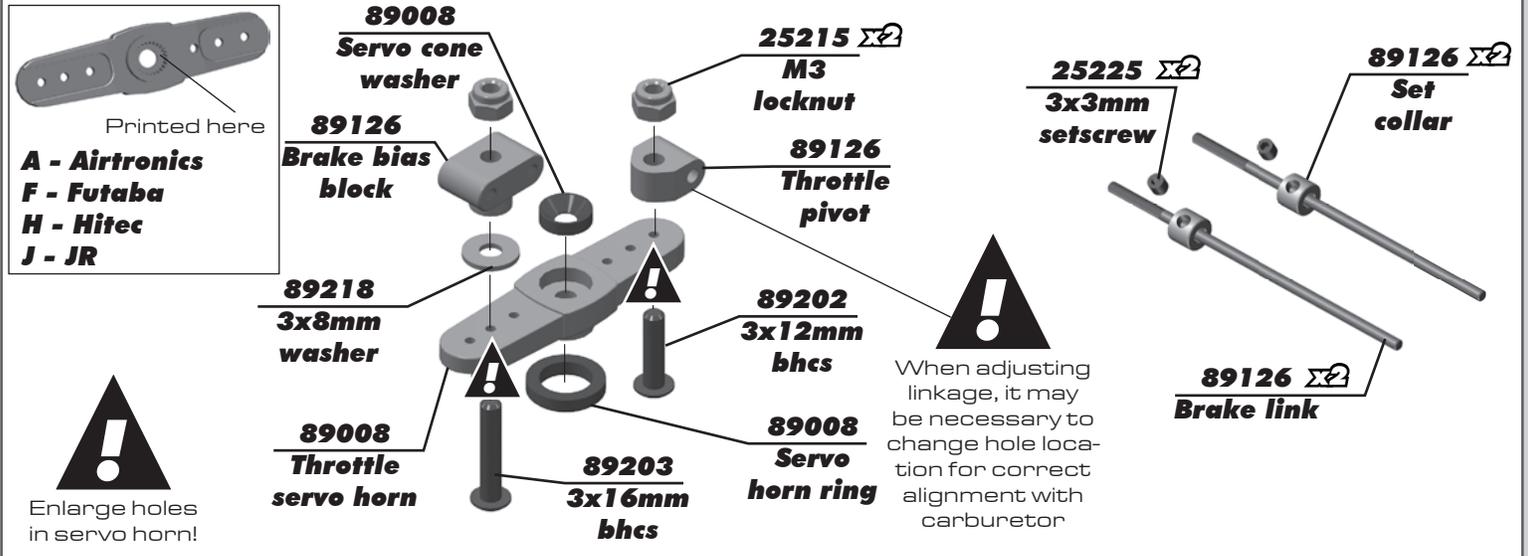
89078 X2
ball
joint

Enlarge holes in servo horn!

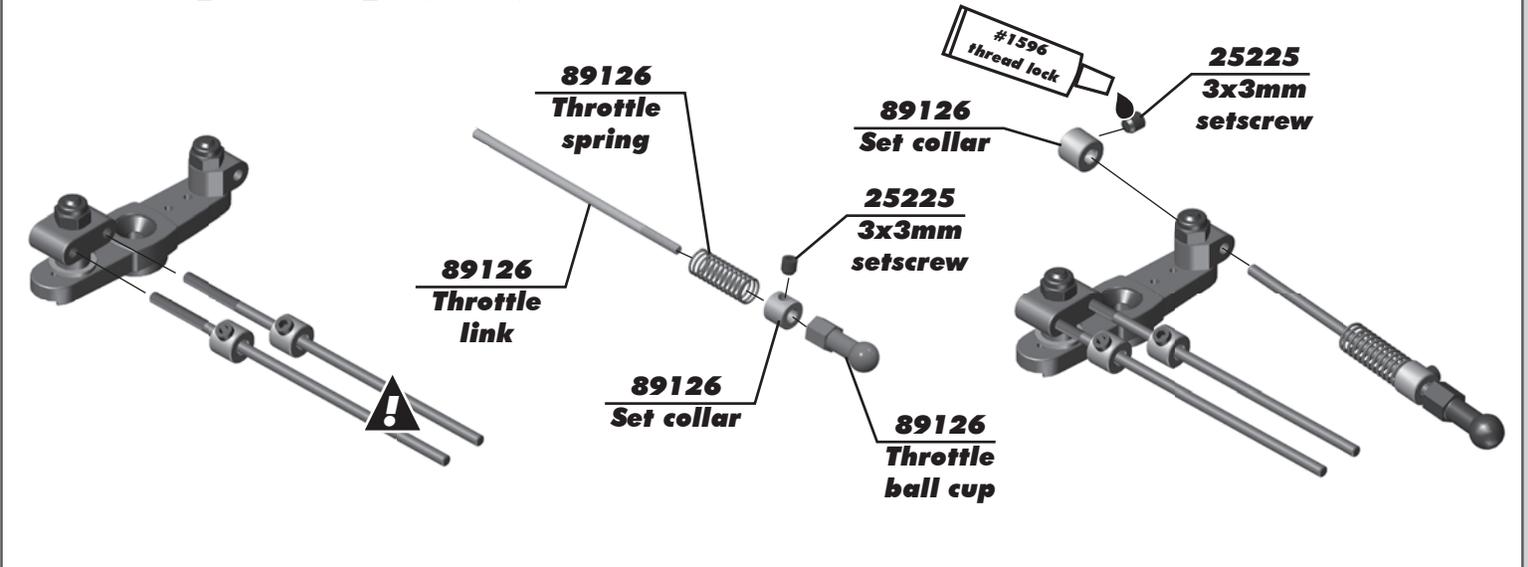
Steering turnbuckle was built on page 8!

7.5mm

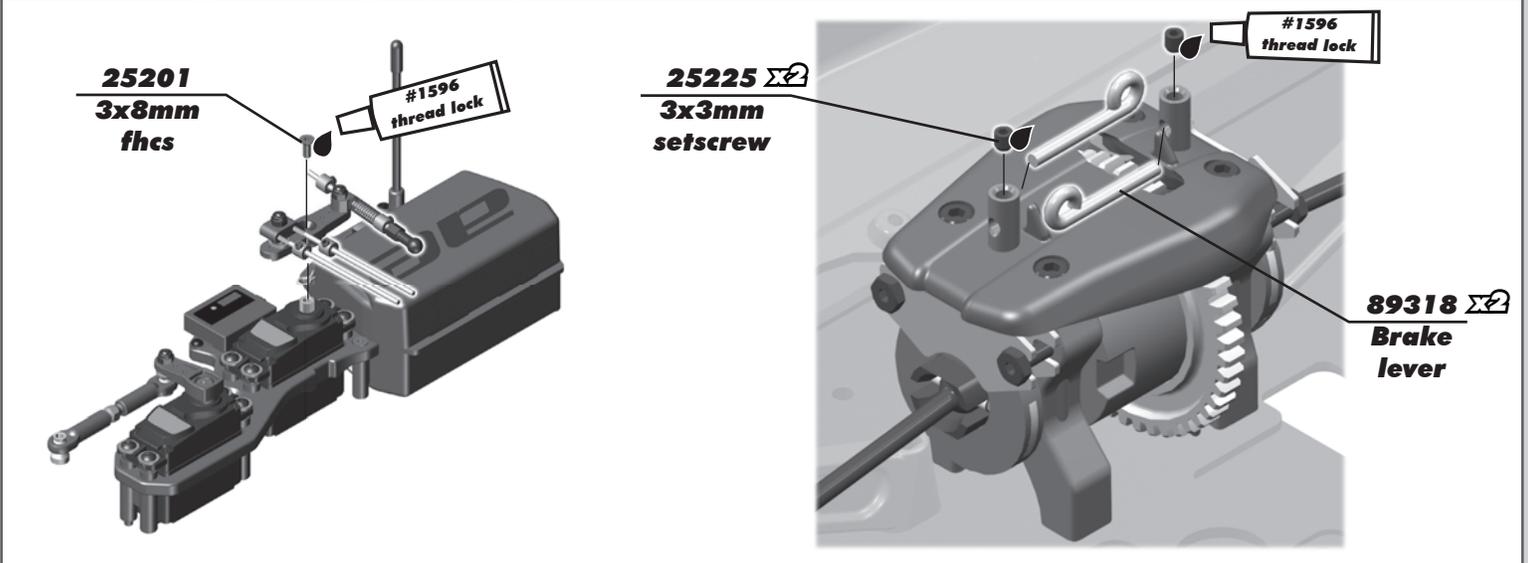
:: Radio Tray Assembly - (cont.)



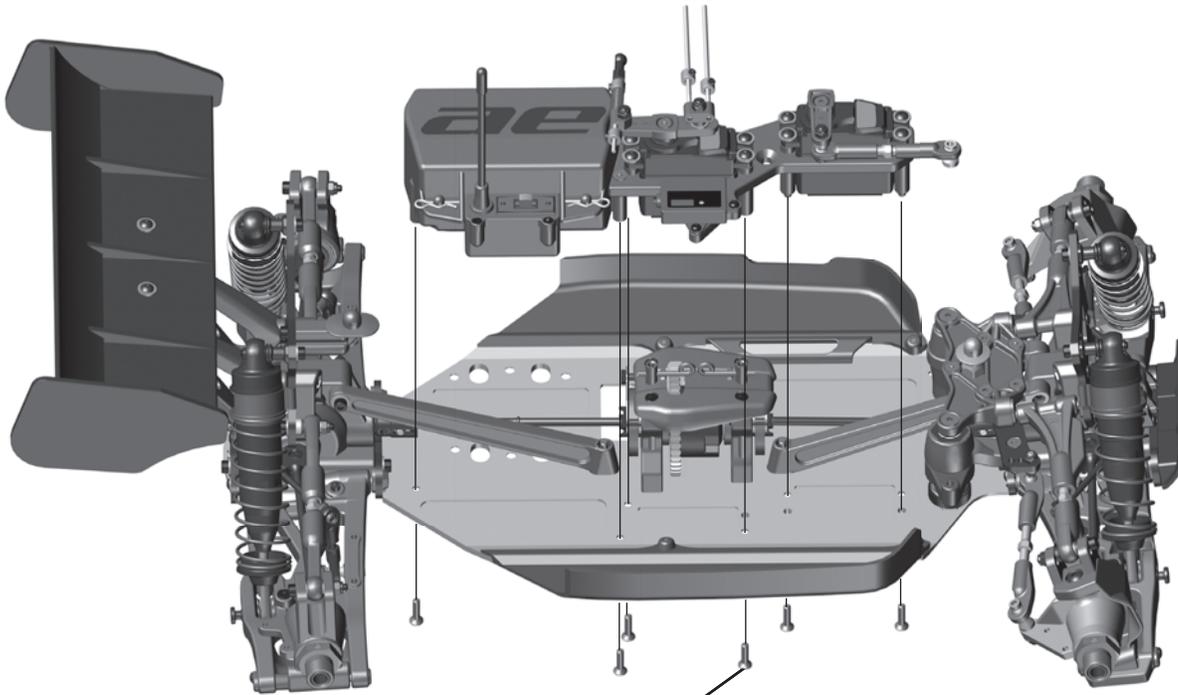
:: Radio Tray Assembly - (cont.)



:: Radio Tray Assembly - (cont.)



:: Radio Tray Assembly (cont.)



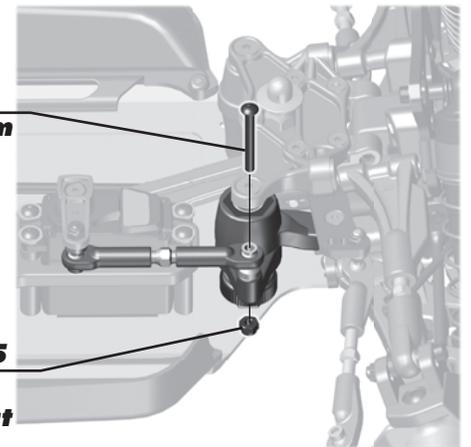
25203 $\Sigma 6$
3x12mm
fhcs

89205
3x26mm
bhcs

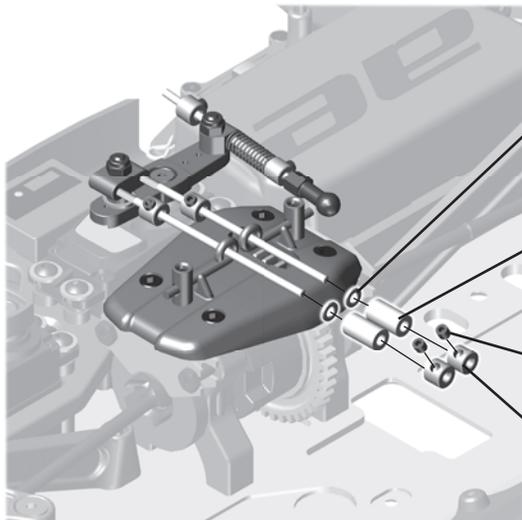
25215
M3
locknut



There will be an unused screw hole at the bottom of the receiver box. This will not be used for the RC8.2



:: Radio Tray Assembly (cont.)



89126 $\Sigma 2$
Brake washer

89126 $\Sigma 2$
brake spring (silicone)

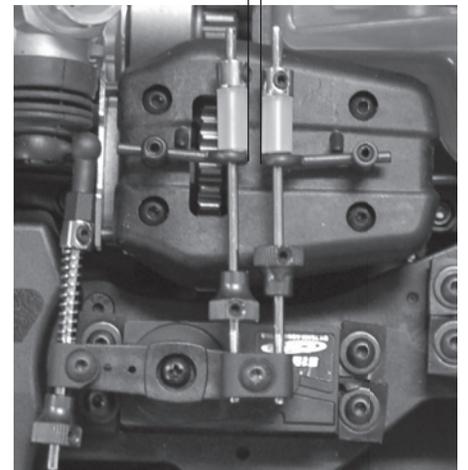
25225 $\Sigma 2$
3x3mm setscrew

89126 $\Sigma 2$
Set collar

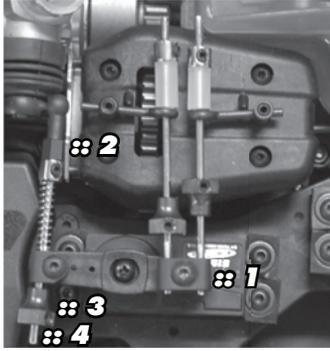


After installation, leave a 0.5mm gap between the two brake levers!

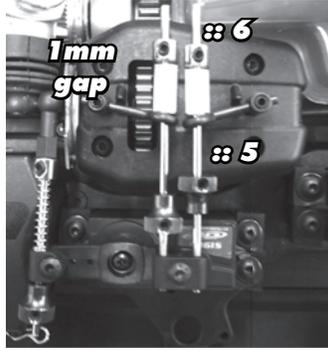
0.5mm



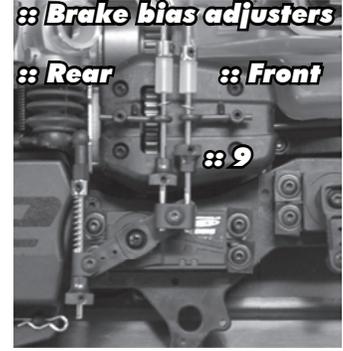
:: Radio Tray Assembly (cont.)



- ::1 - Turn on transmitter and buggy. Adjust servo horn until position is parallel with centerline at neutral.
- ::2 - Set pre-load on spring so that throttle will close.
- ::3 - Set 0.5mm gap on throttle collar.
- ::4 - Trim off excess rod.

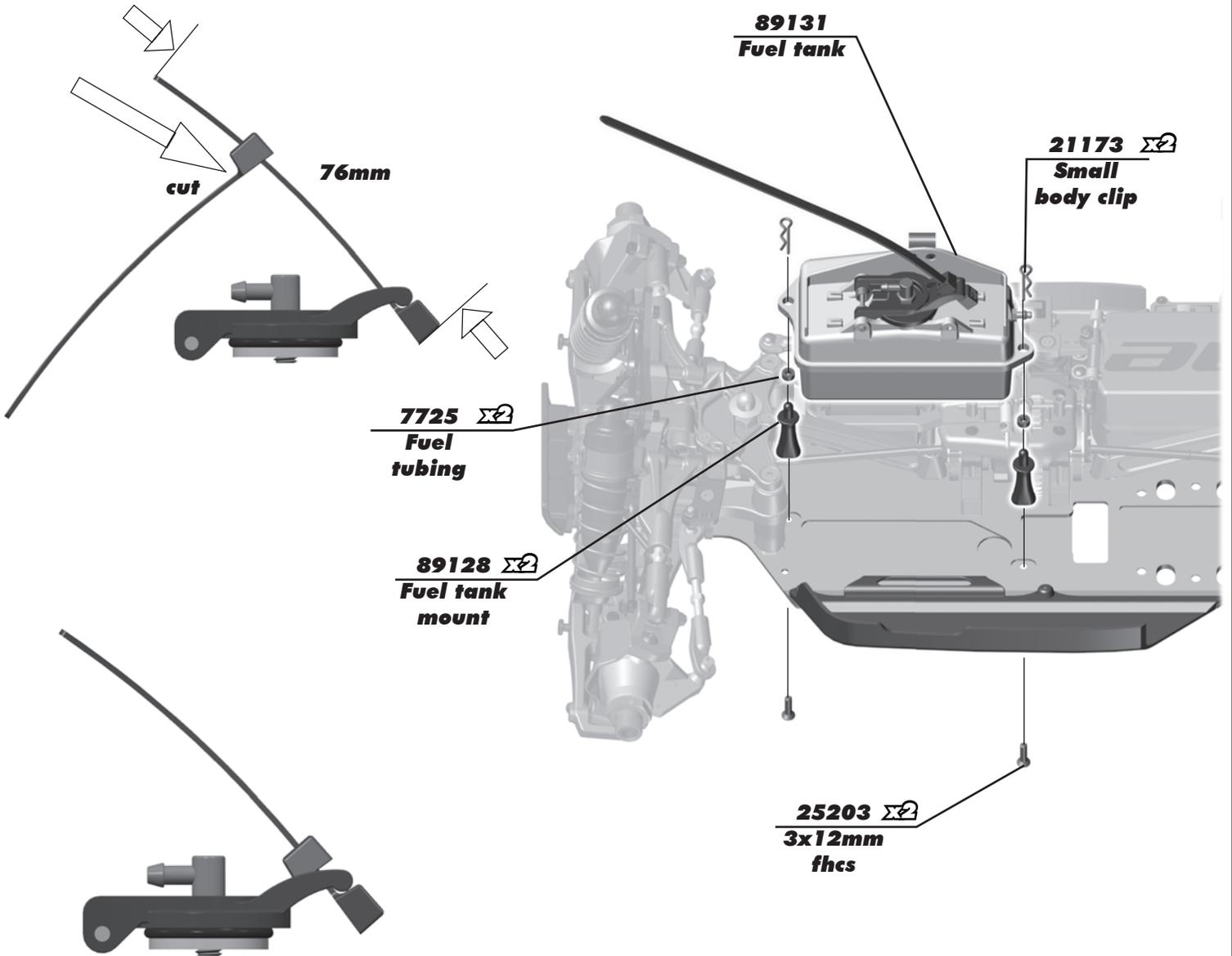


- ::5 - Pull cams to engage brakes. Set collar (with brakes engaged) to have 1mm gap between tubing and collar.
- Remember: transmitter is still on during this step.
- ::6 - Trim off excess brake link wire.

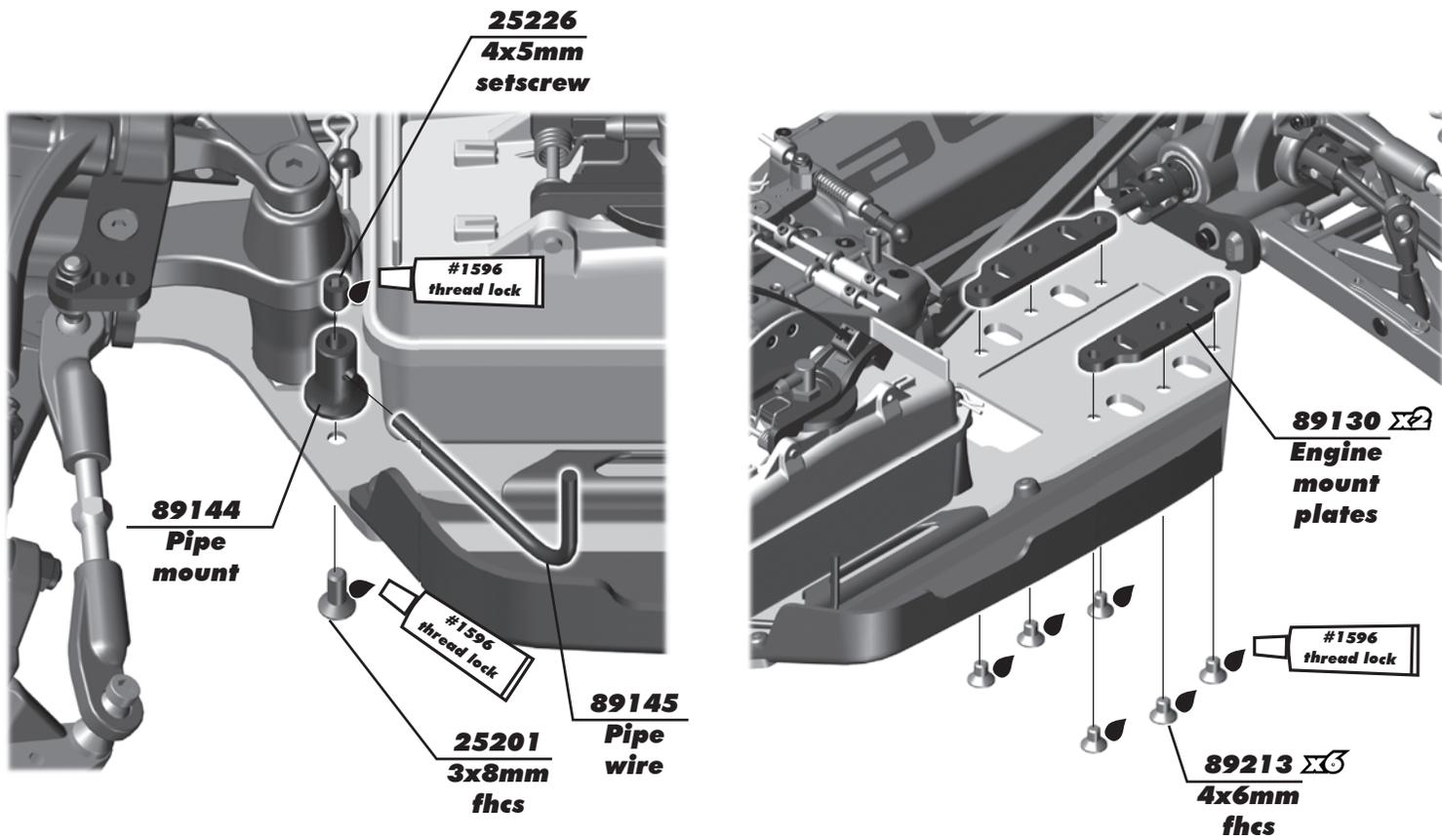


- :: Brake bias adjusters**
- :: Rear**
- :: Front**
- :: 9**
- ::7 - Set throttle EPA to max. Apply full throttle on transmitter and set EPA so that the carb is full open. Be careful not to over-extend the carb.
- ::8 - Set max brake EPA at 30% as a starting point.
- ::9 - Brake bias adjusters; thread the adjuster into the mount to achieve stronger brakes on that end of the buggy.

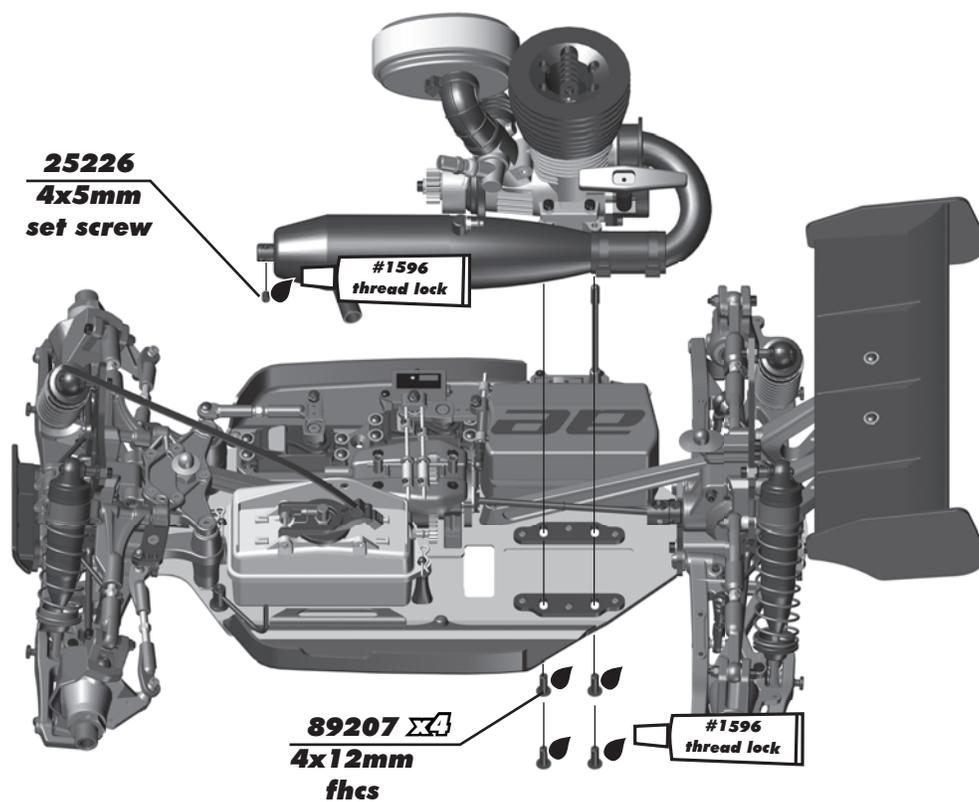
:: Fuel Tank Install



:: Engine Install (cont.)



:: Engine Install (cont.)



:: Engine Install (cont.)

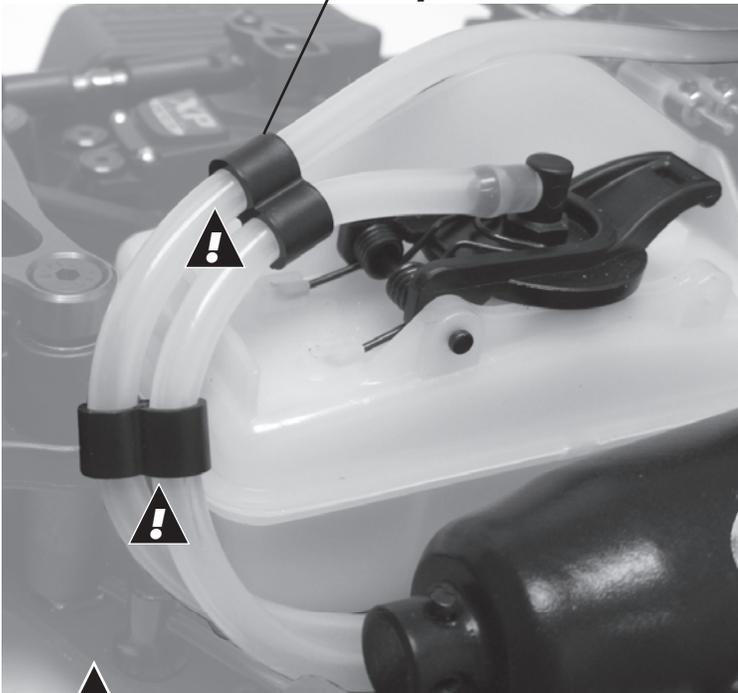
—————
Pressure line
from fuel tank lid to
exhaust pipe nipple

- - - - -
Fuel line
from fuel tank to
carburetor



:: Engine Install (cont.)

89325 
**Fuel line
clips**



Install fuel line clips!



Adjust angle of carb
ball joint to align with
throttle servo.

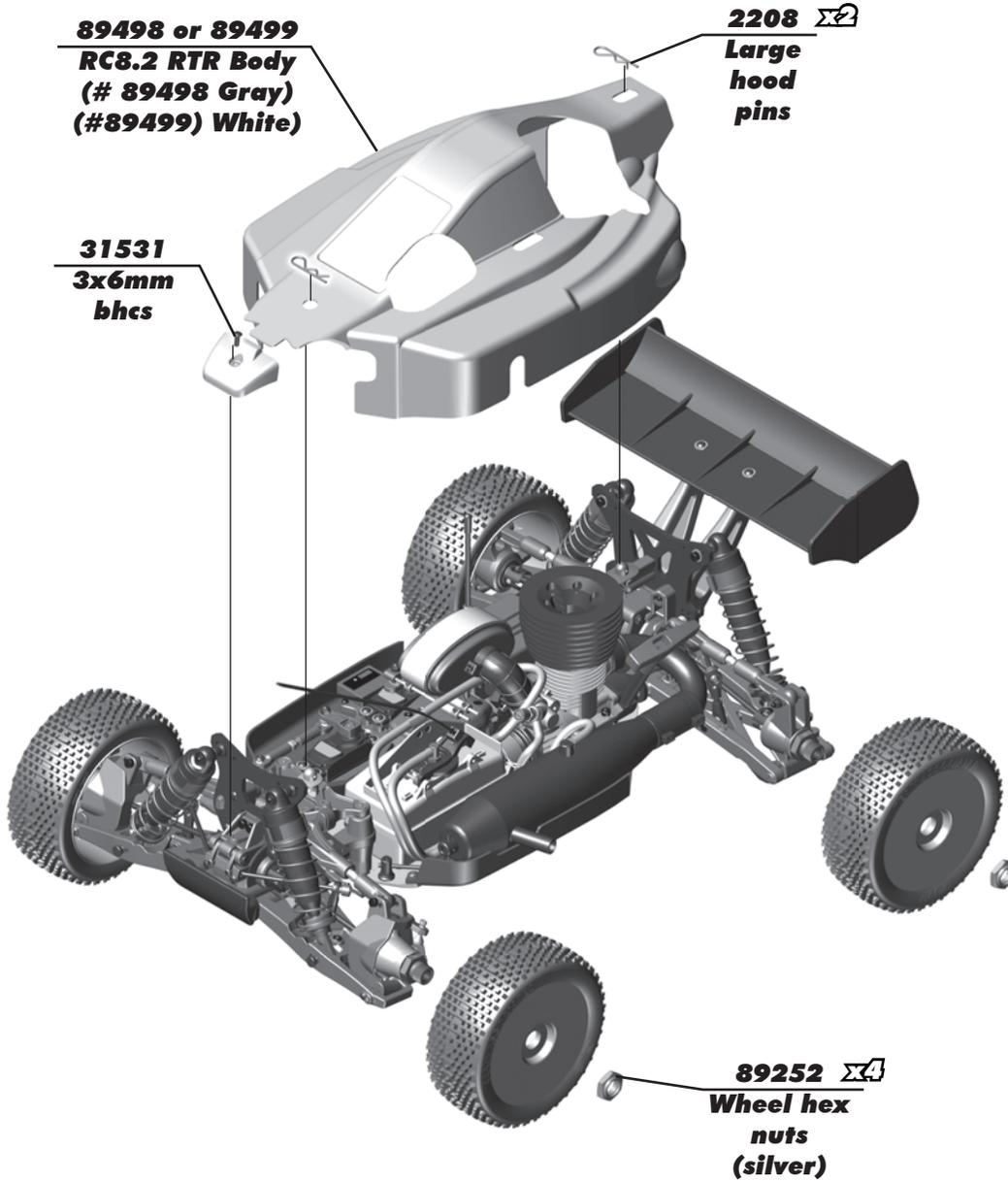
:: Wheels, Tires, and Body Install



Tires:
When gluing tires to wheels, use 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.

!
Build four wheels/tires

:: Wheels, Tires, and Body Install (cont.)



89498 or 89499
RC8.2 RTR Body
(# 89498 Gray)
(#89499) White)

2208 X2
Large
hood
pins

31531
3x6mm
bhcs

89252 X4
Wheel hex
nuts
(silver)

:: Building Tips

Tires:

The tires need to be glued to the wheels using any fast-curing FT 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.

Receiver Pack:

Your RC8.2 does not come with a receiver pack. It is recommended that you use a 5-cell 1600mah pack (minimum) in either stick (AE Pt #612) or hump (AE Pt#613) pack configuration (your RC8.2 will accept either). Charge your pack per the battery manufacturer's instructions. This will need to be done before you can setup up your RC8.2.

Engine Tuning:

Follow the manufacturer's instructions to correctly tune your engine. You will need to adjust the fuel mixture according to altitude, weather, etc.

:: Chassis Tips

Gearing:

Recommended gearing: 16:44. This is a good starting point for most tracks. Follow your engine manufacturer's recommendations for gearing options. Typically on larger, more open track layouts a 17T clutch bell is used.

Gear Mesh:

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

1. Loosen the engine mount screws so you can slide your engine from side to side freely.
2. Slide the engine until the clutch bell comes in contact with the spur gear. Tighten the engine 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 RC8.2. If not, go back to Step 1. Be sure to check for "free-play" through a full rotation of the spur gear.

WARNING! Caution when setting / checking gear mesh after running your vehicle, the clutch bell **WILL BE HOT!**

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 Tips

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 End Tips (cont.)

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 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 ride height with the shock clips 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 Tips

Rear Differential:

Start with the standard setup. For expert drivers, the most popular setting 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 ride height with the shock clips as necessary and recheck.

Rear Arm Shock Location:

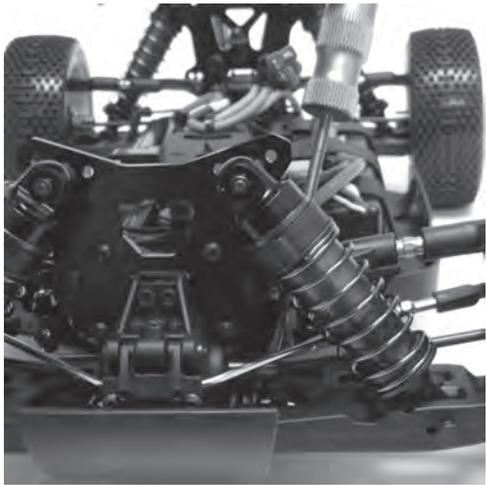
Inside on the arm will give less entry steering, accelerates better straightline through bumps, but may lack side bite. Outside on the arm will be less grip, more steering, but will be more predictable when it breaks traction.

:: Droop Settings (Buggy shown but applicable for all vehicles)

Note: Rear hub spacing is not recommended with RTR dog bones.
For more adjustability, use CVA's in place of dog bones.



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 102mm, while the rear shocks should be 120mm.



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.

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.

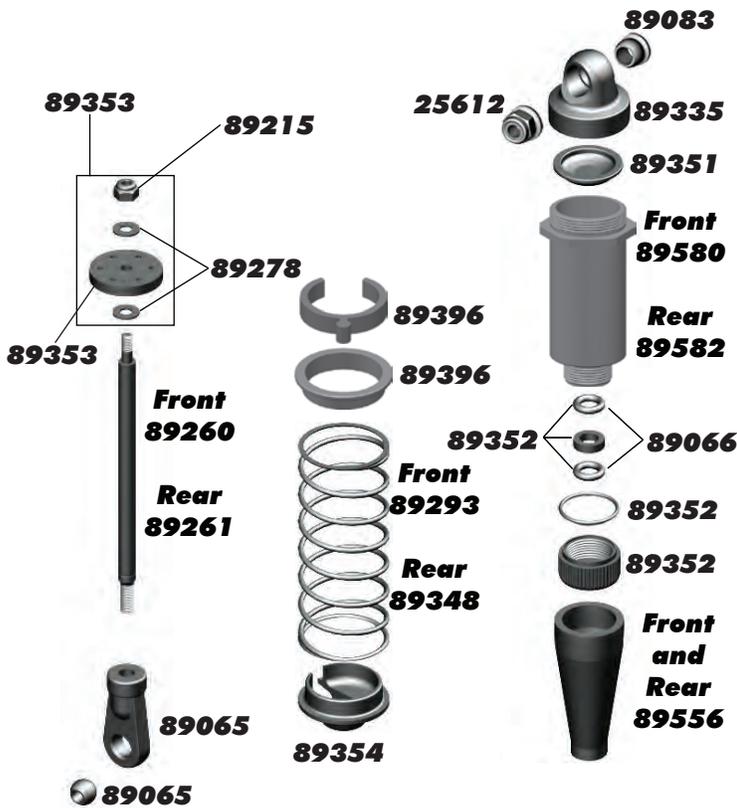
Setup Sheets:

Most often the best way to get your car handling right is to go to our website www.rc10.com and click on the "Setup Sheets" link, then the link to your vehicle, 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>.

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.

:: Shocks

25612	M3 Locknut With Flange	20
89065	Shock Rod End	4
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
89335	16mm Shock Caps	2
89351	16mm Shock Bladders	8
89352	16mm Shock Rebuild Kit	1
89353	16mm Shock Pistons	8
89354	16mm Shock Spring Cups	4
89396	16mm RTR Pre-load Clips, Shock Collar Set	1
89556	RC8.2 Shock Boot Set	1
89580	16x29mm Shock Body RTR, Blue	2
89582	16x38mm Shock Body RTR, Blue	2

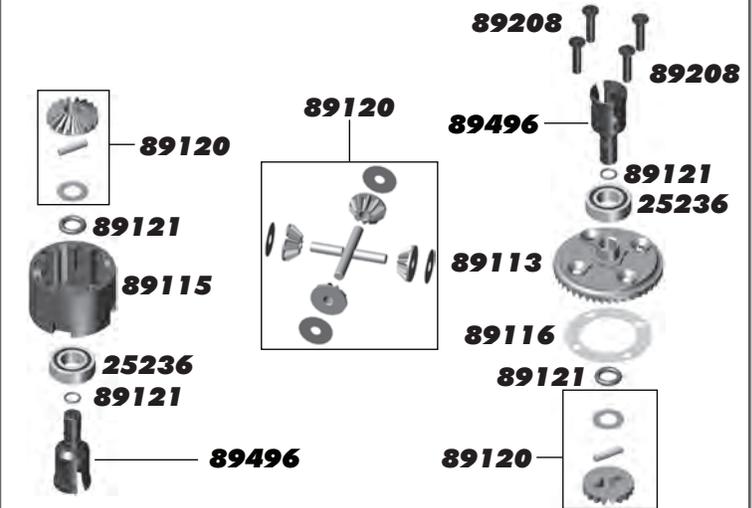


:: Springs

89292	16x29mm front spring black (3.3lbs)	Pr.
89293	16x29mm front spring silver (3.9lbs) - Kit	Pr.
89294	16x29mm front spring bronze (4.7lbs)	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) - Kit	Pr.
89349	16x38mm rear spring bronze (4.0 lbs)	Pr.
89350	16x38mm rear spring complete set	1

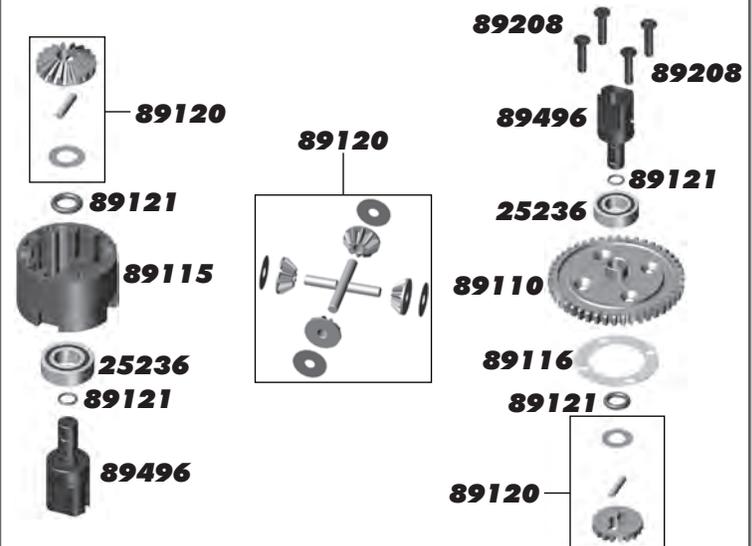
:: Front and Rear Gear Differential

25236	8x16x5 Bearings	2
89113	Diff Ring Gear, Includes Diff Gasket	1
89115	Diff Housing	1
89116	Diff Gasket	4
89117	Diff Shims	8
89120	Diff Sun/Planet Gears, Includes Washers and Pins, Set	1
89121	Diff O-Rings, Big and Small, Set	1
89208	3x14mm FHCS	10
89496	Diff Outdrive, 16mm	2



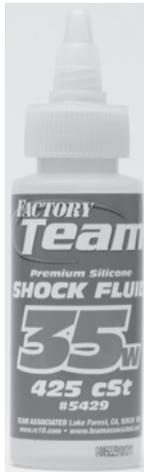
:: Center Gear Differential

25236	8x16x5 Bearings	2
89109	Spur Gear 44T, Includes Diff Gasket - metal	1
89110	Spur Gear 46T, Includes Diff Gasket - metal - Kit	1
89115	Diff Housing	1
89116	Diff Gasket	4
89120	Diff Sun/Planet Gears, Includes Washers and Pins, Set	1
89121	Diff O-Rings, Big and Small, Set	1
89208	3x14mm FHCS	10
89372	Spur Gear 50T, Includes Diff Gasket - metal	1
89373	Spur Gear 52T, Includes Diff Gasket - metal	1
89374	Spur Gear 54T, Includes Diff Gasket - metal	1
89496	Diff Outdrive, 16mm	2



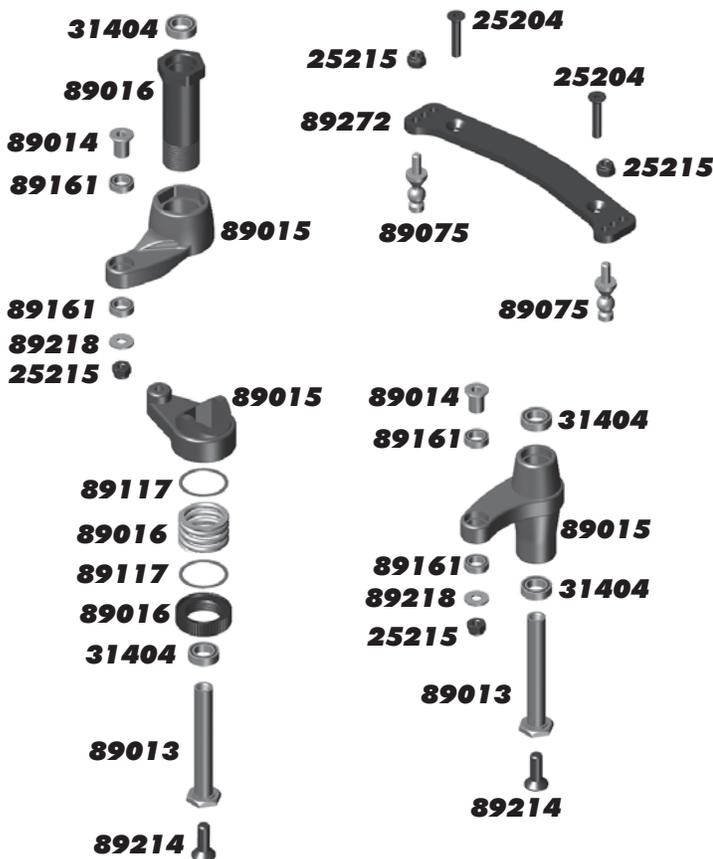
:: Shock Fluid

5420	10 Weight Silicone Shock Fluid	2oz.
5421	20 Weight Silicone Shock Fluid	2oz.
5422	30 Weight Silicone Shock Fluid	2oz.
5423	40 Weight Silicone Shock Fluid	2oz.
5424	22.5 Weight Silicone Shock Fluid	2oz.
5425	80 Weight Silicone Shock Fluid	2oz.
5426	27.5 Weight Silicone Shock Fluid	2oz.
5427	15 Weight Silicone Shock Fluid	2oz.
5428	25 Weight Silicone Shock Fluid	2oz.
5429	35 Weight Silicone Shock Fluid	2oz.
5430	45 Weight Silicone Shock Fluid	2oz.
5431	55 Weight Silicone Shock Fluid	2oz.
5432	32.5 Weight Silicone Shock Fluid	2oz.
5433	37.5 Weight Silicone Shock Fluid	2oz.
5434	42.5 Weight Silicone Shock Fluid	2oz.
5435	50 Weight Silicone Shock Fluid	2oz.
5436	60 Weight Silicone Shock Fluid	2oz.
5437	70 Weight Silicone Shock Fluid	2oz.
5438	47.5 Weight Silicone Shock Fluid	2oz.



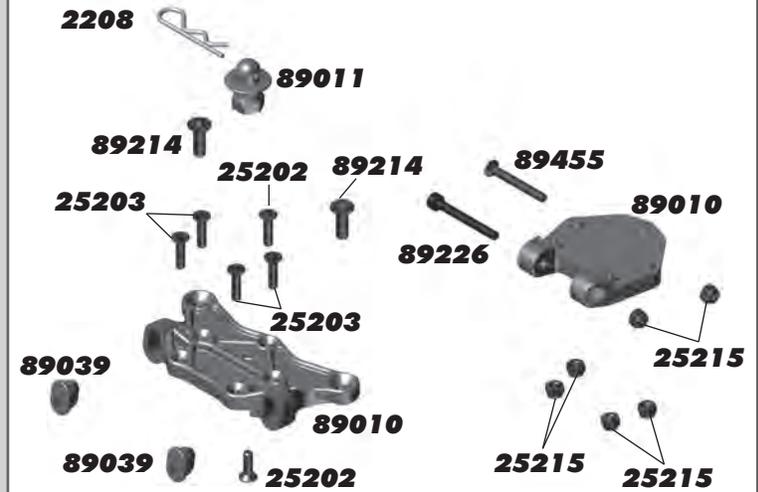
:: Steering

25204	3x16mm FHCS	20
25215	M3 Locknut	20
31404	6x10mm Bearing	2
89013	Steering Posts	2
89014	Steering Rack Post	2
89015	Servo Saver (plastic), Set	1
89016	Servo Saver Bolt, Nut, Spring, Set	1
89075	Steering Ballstuds	4
89117	Diff Shims	8
89161	Steering Bearing Set	1
89214	4x12mm FHCS	10
89218	3x8mm Washer	10
89272	RTR Steering Rack	1



:: Top Plate

2208	Large Hood Pins	6
25202	3x10mm FHCS	20
25203	3x12mm FHCS	20
25215	M3 Locknut	20
89010	Top Plate - Kit	1
89011	Body Mount Set	1
89039	Hinge Pin Bushings, 1/2/3 dot, Set	1
89214	4x12mm FHCS	10
89226	3x26mm SHCS	10
89234	Blue Aluminum Top Plate (FT)	1
89236	Black Aluminum Top Plate (FT)	1
89455	3x22mm FHCS	10



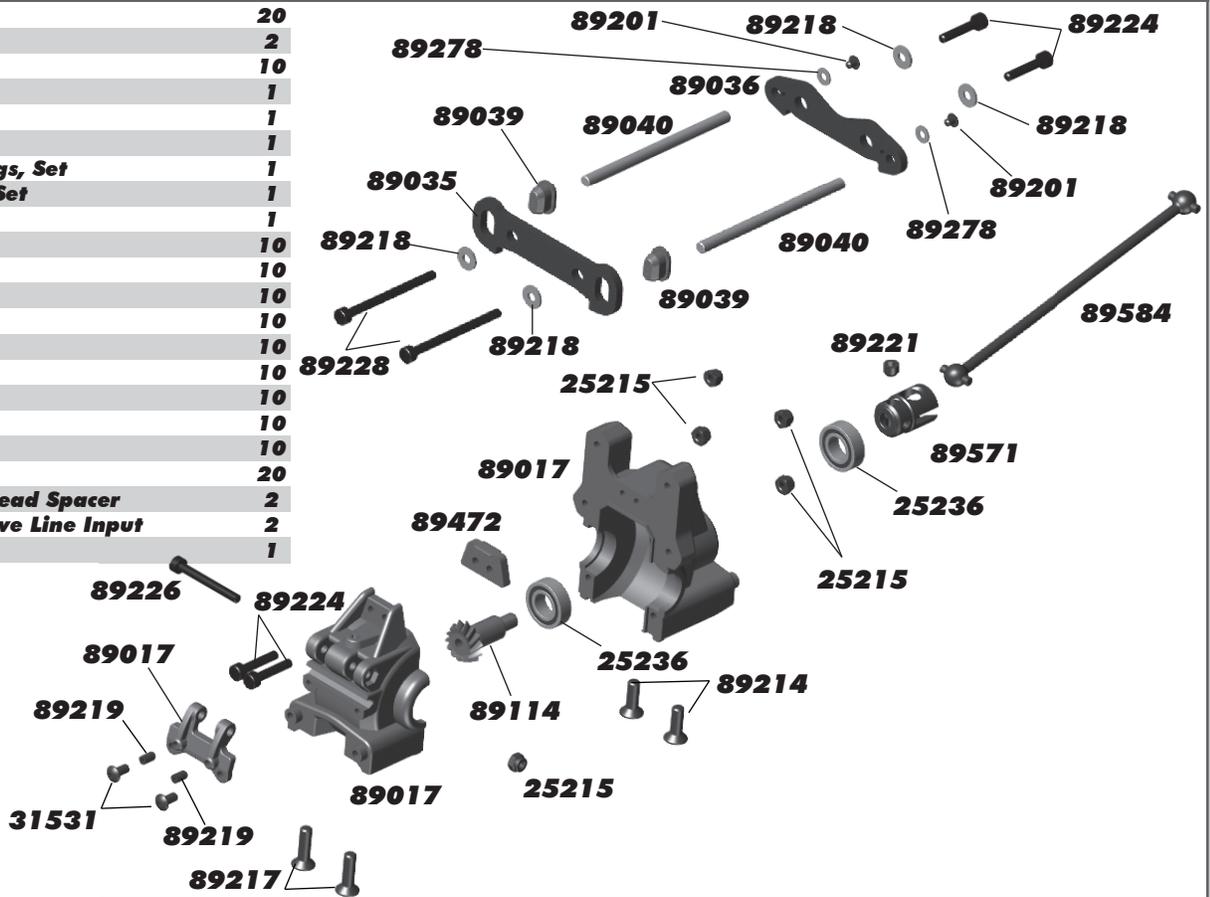
:: Lubes & Adhesives / Decals / Misc.

1105	FT Green Slime Shock Lube	1
1596	FT Locking Adhesive	1
1597	FT Tire Adhesive, Medium	1
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
5456	Silicone Diff Fluid 20000cst	1
5457	Silicone Diff Fluid 30000cst	1
5458	Silicone Diff Fluid 60000cst	1
5459	Silicone Diff Fluid 100000cst	1
6588	Black Grease - 4cc	1
6591	S.Diff Lube - 4cc	1
6636	Silicone Grease - 4cc	1
6727	Servo Tape	2
716	Reedy 2009 Sticker Set	1
717	Reedy Powered Logo Decal	1
3816	American Bumper Sticker	1
3820	AE Logo Decal Sheet	1
3834	AE Blue Embossed Logo Sticker	2



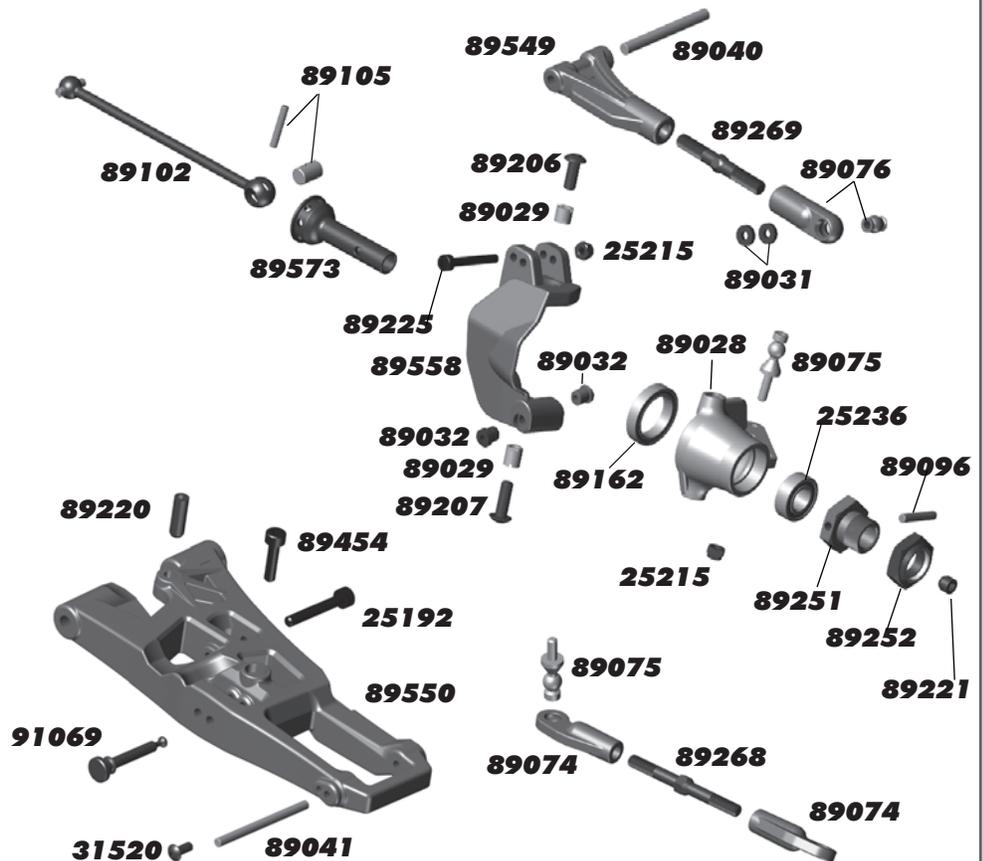
:: Front Gearbox

25215	M3 Locknut	20
25236	8x16x5 Bearing	2
31531	3x6mm 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 Pin, 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
89221	5x4mm Setscrew	10
89224	3x16mm SHCS	10
89226	3x26mm SHCS	10
89228	3x40mm SHCS	10
89278	2.5mm Washer	20
89472	RC8B Front Bulkhead Spacer	2
89571	SC8.2e Center Drive Line Input	2
89584	Dogbone 96mm	1



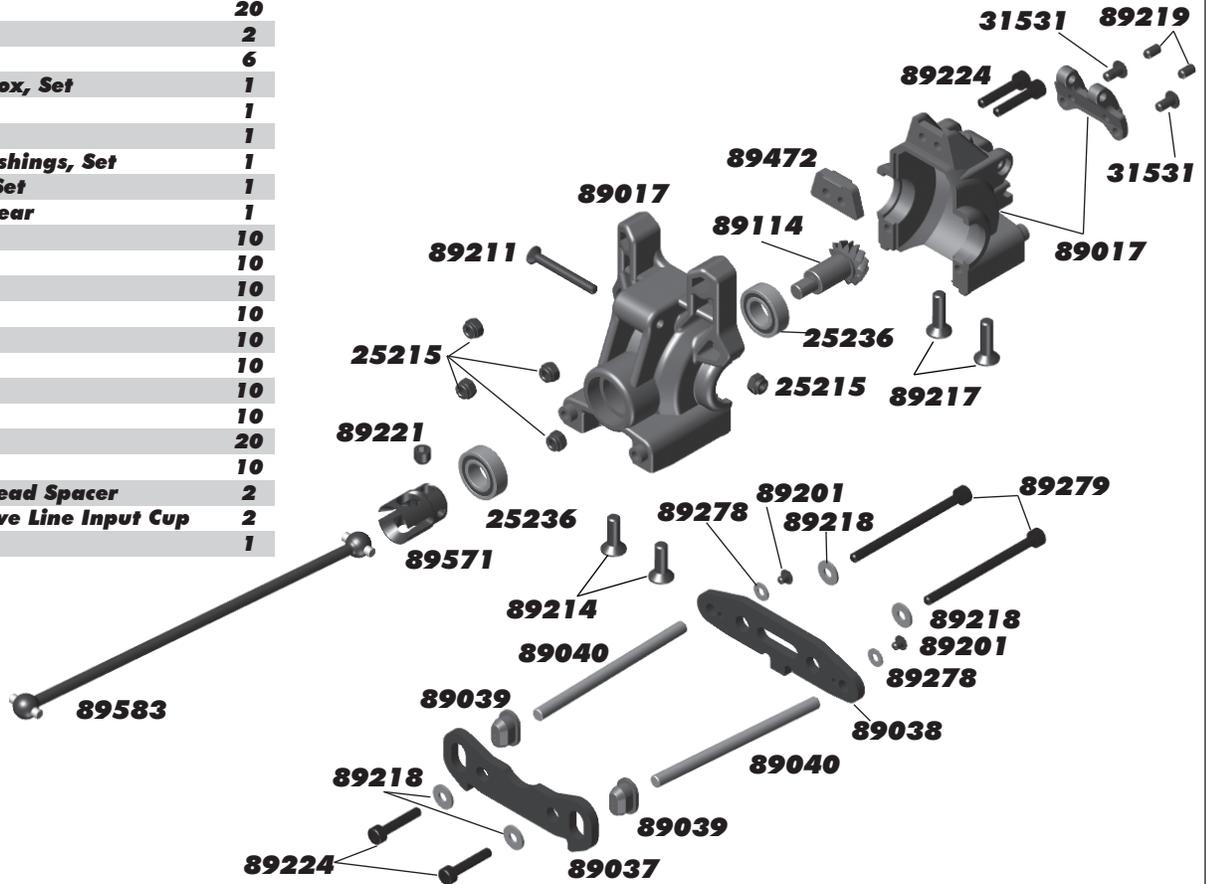
:: Front Suspension

25192	3x20mm SHCS	20
25215	M3 Locknut	20
25236	8x16x5 Bearing	2
31520	2.5x6mm BHCS	6
89028	Steering Blocks	Pr.
89029	Steering Block Bushings, Set	1
89031	Caster/Hub Spacers, Set	1
89032	Caster Angle Bushings, Set	1
89040	RC8 Inner Hinge Pins, Set	1
89041	RC8 Outer Hinge Pins, Set	1
89074	Steering Rod Ends	4
89075	RC8 Steering Ballstuds	4
89076	RC8 Camber Rod Ends, Set	1
89096	RC8 Wheel Hex Pins	4
89102	RC8 Front/Rear CVA Bone	2
89105	RC8 CVA Rebuild FR/RR, Set	1
89162	15x21x4 Bearing	2
89206	4x10mm BHCS	10
89207	4x12mm BHCS	10
89220	4x12mm Setscrew	10
89221	5x4mm Setscrew	10
89225	3x24mm SHCS	10
89251	Wheel Hex Drive	Pr.
89252	Wheel Hex Nut, silver	2
89268	Steel Turnbuckle, 42mm	2
89269	Steel Turnbuckle, 38mm	2
89454	3x12mm SHCS	10
89549	RC8.2 Front Upper Arms	Pr.
89550	RC8.2 Front Arms	Pr.
89558	RC8.2 Caster Blocks	Pr.
89573	SC8.2e Light Weight CV Axle, Steel	2
91069	Shock Mount Pin, Steel	4



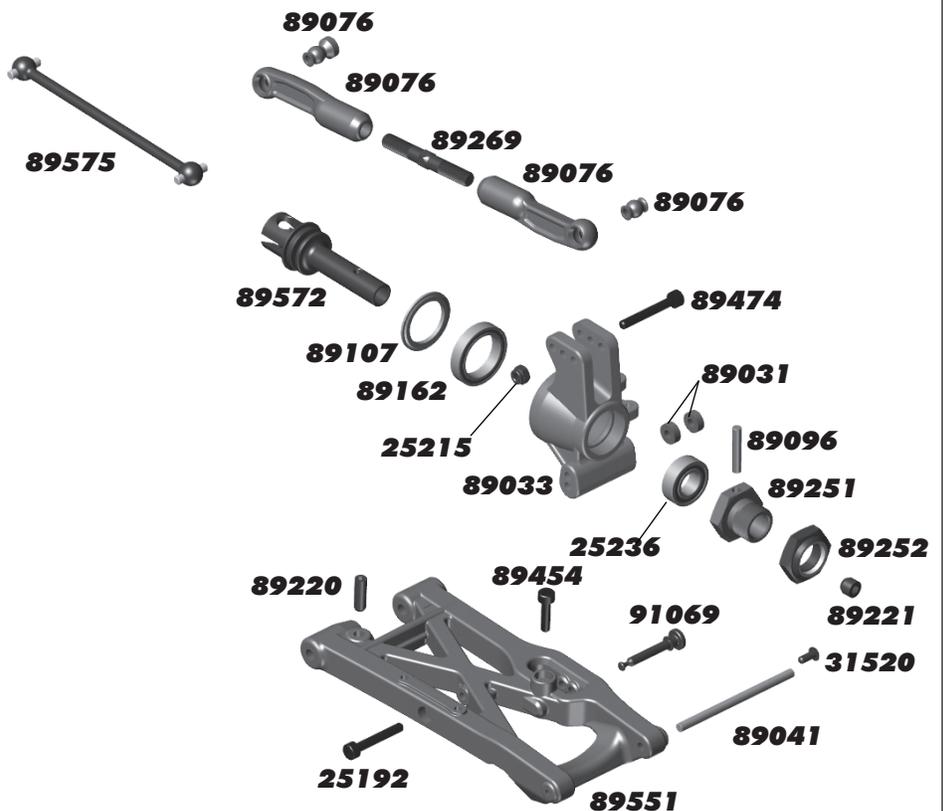
:: Rear Gearbox

25215	M3 Locknut	20
25236	8x16x5 Bearing	2
31531	3x6mm BHCS	6
89017	RC8 FR/RR Gearbox, Set	1
89037	Arm Mount C	1
89038	Arm Mount D	1
89039	RC8 Hinge Pin Bushings, Set	1
89040	Inner Hinge Pin, Set	1
89114	RC8 Diff Pinion Gear	1
89201	2.5x3mm BHCS	10
89211	M3x26mm FHCS	10
89214	4x12mm FHCS	10
89217	4x14mm FHCS	10
89218	3x8mm Washer	10
89219	3x5mm Setscrew	10
89221	5x4mm Setscrew	10
89224	3x16mm SHCS	10
89278	2.5mm Washer	20
89279	3x45mm SHCS	10
89472	RC8B Front Bulkhead Spacer	2
89571	SC8.2e Center Drive Line Input Cup	2
89583	Dogbone 99mm	1



:: Rear Suspension

25192	3x20mm SHCS	20
25215	M3 Locknut	20
25236	8x16x5 Bearings	2
31520	2.5x6mm BHCS	6
89031	RC8 Caster/Hub Spacers, Set	1
89033	RC8 Hub Carriers	Pr.
89041	RC8 Outer Hinge Pins, Set	1
89076	RC8 Camber Rod Ends, Set	1
89096	RC8 Wheel Hex Pins	4
89107	RC8 Rear CVA Shield/Boot, Set	1
89162	15x21x4 Bearing	2
89220	4x12mm Setscrew	10
89221	5x4mm SHCS	10
89251	Wheel Hex Drive	Pr.
89252	Wheel Hex Nut, silver	2
89269	38mm Steel Turnbuckle	2
89454	3x12mm SHCS	10
89474	3x22mm SHCS	10
89551	RC8.2 Rear Arms	Pr.
89572	SC8.2e Dog Bone Axle	2
89575	SC8.2e RTR Dogbone 82mm	2
91069	Shock Mount Pin, Steel	4



:: Front Shock Tower

89039	Hinge Pin Bushings, 1/2/3dot Set	1
89202	3x12mm BHCS	10
89218	3x8mm Washer	10
89225	3x24mm SHCS	10
89473	RC8B Steel Shock Stand-offs	4
89586	Front Shock Tower	1



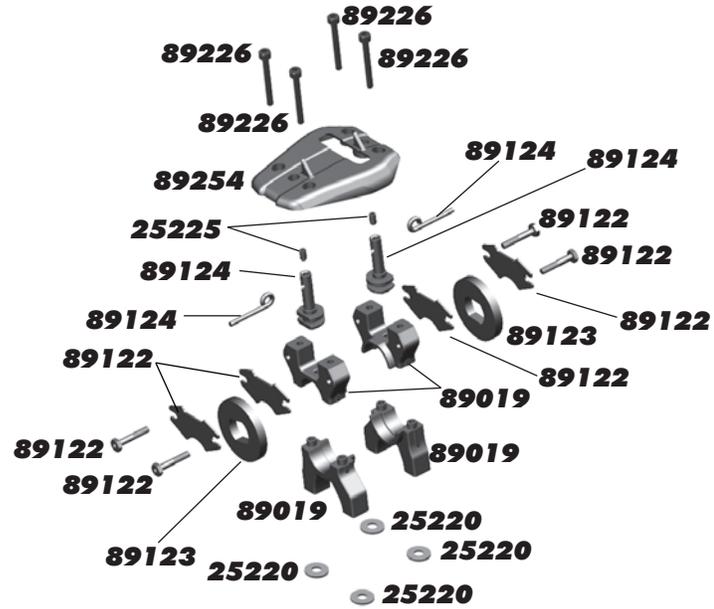
:: Rear Shock Tower

25192	3x20mm SHCS	20
25215	M3 Locknut	20
89011	Body Mount Set	1
89218	3x8mm Washer	10
89225	3x24mm SHCS	10
89454	3x12mm SHCS	10
89473	RC8 Steel Shock Standoffs	4
89587	Rear Shock Tower	1



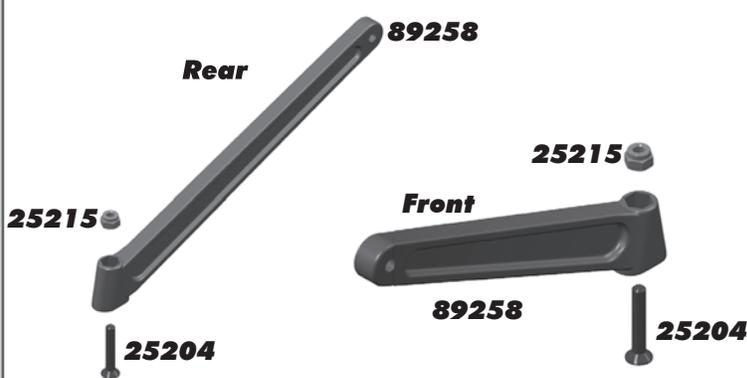
:: Center Bulkhead

25220	Washer, 5 x 12 x 1	25
25225	3x3mm Setscrew	20
89019	RC8 Center Bulkhead, Set	1
89122	RC8 Brake Pads, Set	1
89123	Heatsink Brake Discs - Kit	2
89124	RC8 Brake Cams/Levers, Set	1
89214	4x12mm FHCS	10
89226	3x26mm SHCS	10
89250	Fiber Brake Rotors	2
89254	Center Top Plate	1



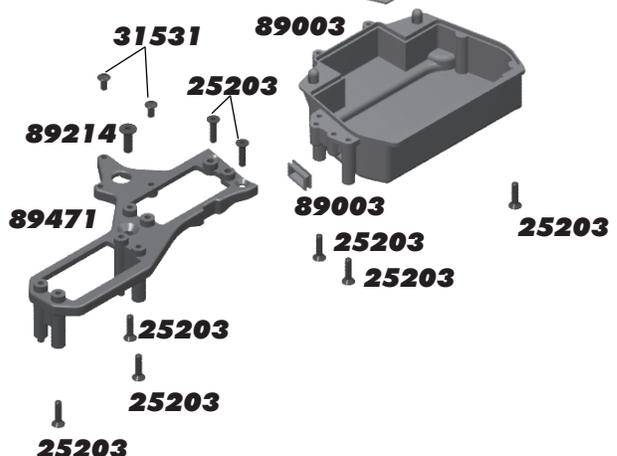
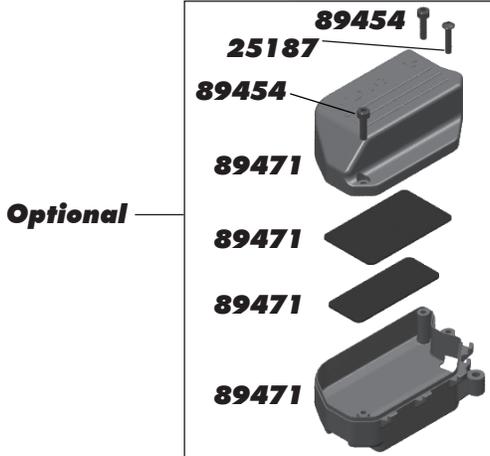
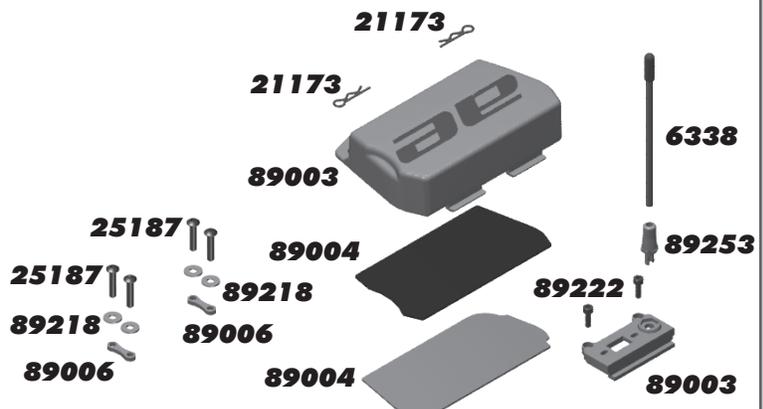
:: Chassis Braces

25204	M3x16mm FHCS	20
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 works with #89068, 89069	1
89238	FT Aluminum Chassis Brace (Front)	1
89239	FT Aluminum Chassis Brace (Rear)	1
89258	RC8 Chassis Braces, Plastic - Kit (Front, Rear)	1



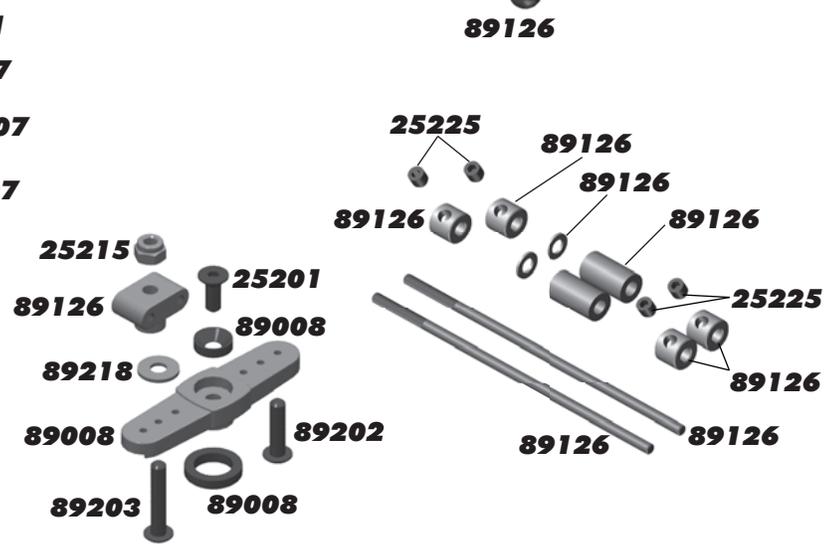
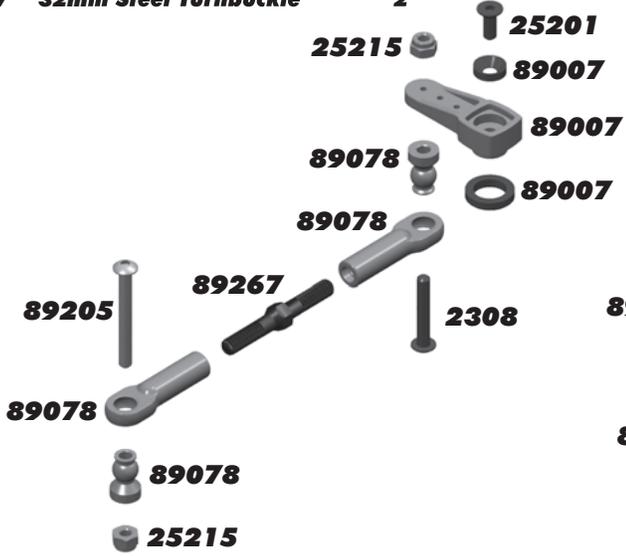
:: Radio Tray

6338	Antenna Tube and Cap	1
21173	18T Body Clips	12
25187	3x14mm BHCS	20
25203	3x12mm FHCS	20
31531	3x6mm BHCS	6
89003	RC8 Receiver/Battery Box, Set	1
89004	RC8 Receiver Box Pads, Set	1
89005	Aluminum Antenna Mount, Set	1
89006	RC8 Servo Mount Spacers, Set	1
89209	3x18mm FHCS	10
89214	4x12mm FHCS	10
89218	3x8mm Washer	10
89222	2.5x8mm SHCS	10
89253	Antenna Mount, Set	1
89454	3x12mm SHCS	10
89471	RC8.1 Forward Battery Box and Radio Tray (Optional)	1



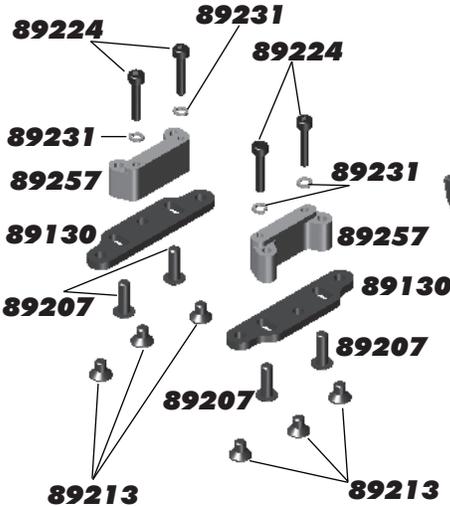
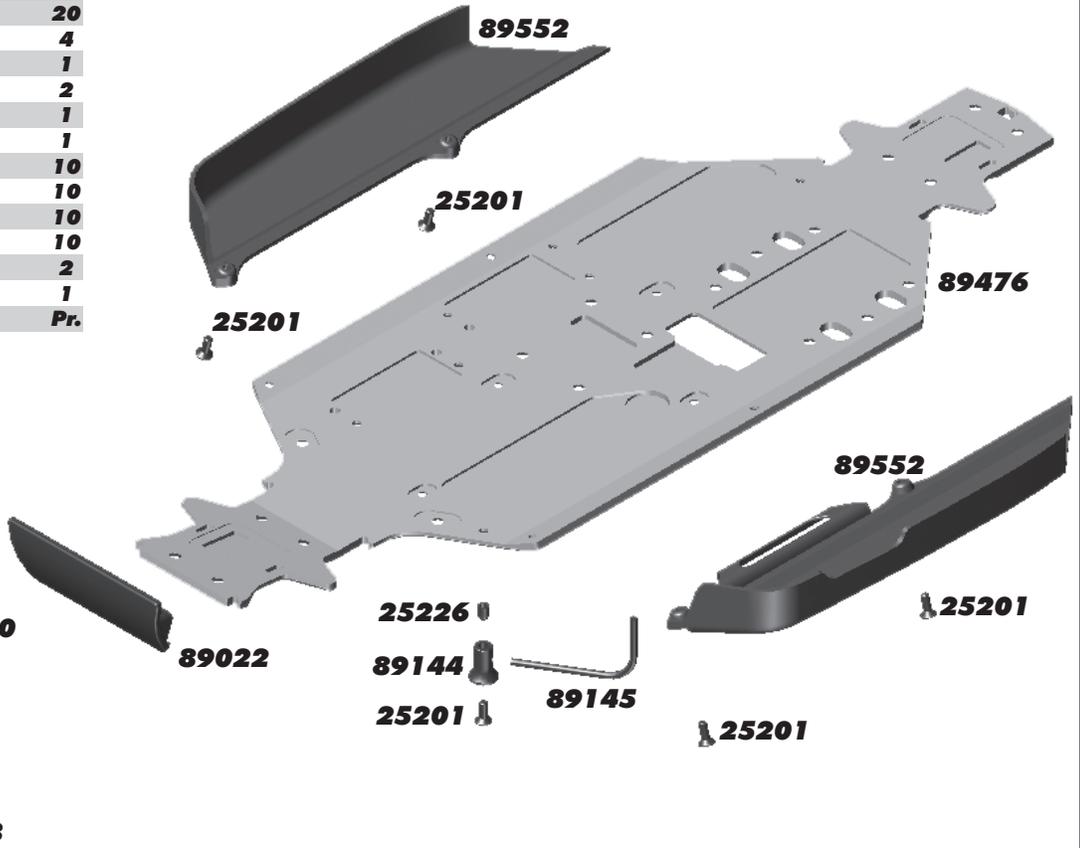
:: Linkage

2308	3x18mm BHCS	6
25201	3x8mm FHCS	20
25215	M3 Locknut	20
25225	3x3mm Setscrew	20
89007	Steering Servo Horns, Set	1
89008	Throttle Servo Horns, Set	1
89078	RC8 Servo Link Rod Ends, Set	1
89126	RC8 Linkage Set	1
89202	3x12mm BHCS	10
89203	3x16mm BHCS	10
89205	3x26mm BHCS	10
89218	3x8mm Washer	10
89267	32mm Steel Turnbuckle	2



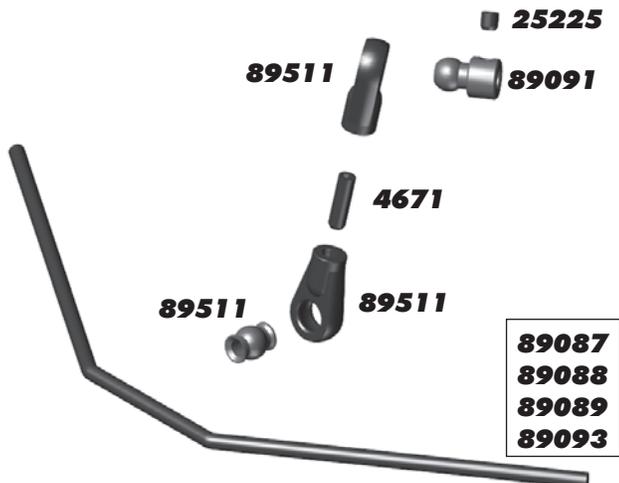
:: Chassis

25201	3x8mm FHCS	20
25226	4x5mm Setscrew	20
89018	RC8 Gearbox Gasket	4
89022	RC8 Front Bumper	1
89130	RC8 Engine Mount Plates	2
89144	RC8 Pipe Mount	1
89145	RC8 Pipe Mount Wire	1
89207	4x12mm BHCS	10
89213	4x6mm FHCS	10
89224	3x16mm SHCS	10
89231	3mm Lock Washer	10
89257	RC8 Engine Mount	2
89476	RC8B +3mm Chassis	1
89552	RC8.2 Side Guards	Pr.



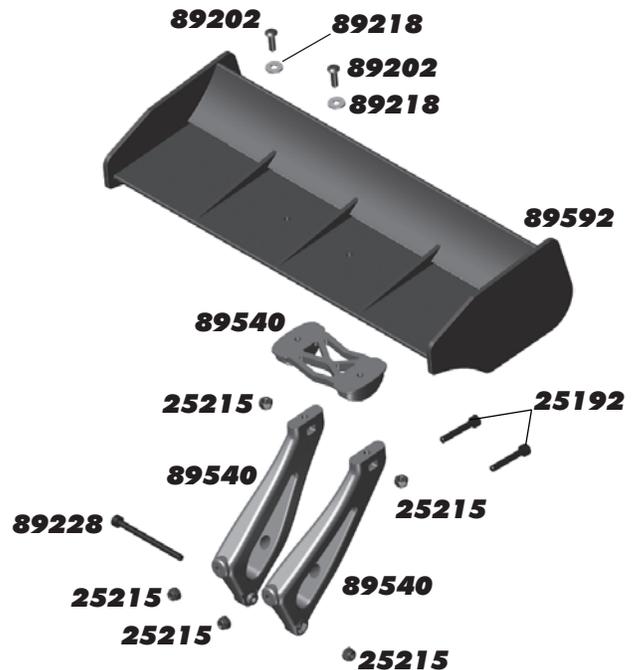
:: Anti-Swaybars

4671	3x10mm Setscrew	6
25225	3x3mm Setscrew	20
89086	FT Antiroll Bar Set	1
89087	FT Antiroll Bar Black, 2.2mm	1
89088	FT Antiroll Bar Silver, 2.5mm - Kit (rear)	1
89089	FT Antiroll Bar Gold, 2.8mm - Kit (front)	1
89091	FT Antiroll Bar Socket Joint	4
89093	FT Antiroll Bar Black, 3.0mm	1
89511	RC8.2e RTR Swaybar Link Set	1



:: Wing

25192	3x20mm SHCS	20
25204	3x16mm FHCS	20
25215	M3 Locknut, (Black)	20
89202	3x12mm BHCS	10
89218	3x8mm Washer	10
89228	3x40mm SHCS	10
89540	RC8.2 Wing Mount, Set	1
89592	RC8.2e RTR Wing, (Black)	1



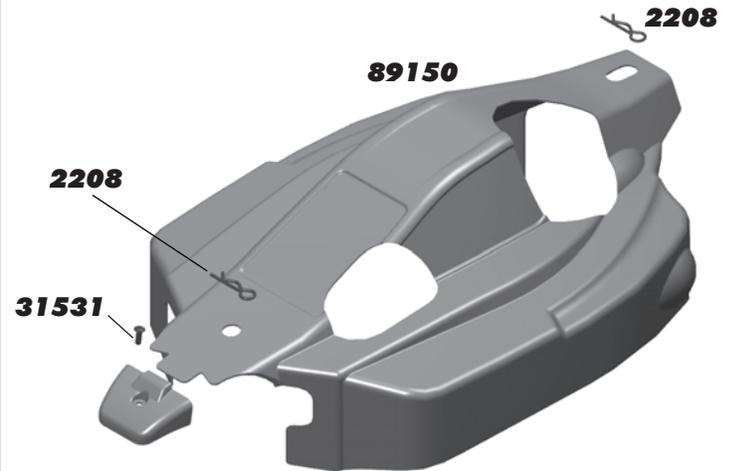
:: Wheels / Tires

89152	RC8 Wheels (White)	4
89153	RC8 Wheels (Yellow)	4
89255	RTR Pre-Glued Wheel/Tire (White)	Pr.
89296	RC8 83mm Wheels (White) - Kit	4
89297	RC8 83mm Wheels (Yellow)	4



:: Body / Decals

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
89497	RC8.2 RTR Decal Sheet	1
89498	RC8.2 RTR Body (Gray)	1
89499	RC8.2 RTR Body (White)	1
89523	RC8e Body w/Window Masks (Clear)	1
89559	RC8.2 Decal Sheet	1



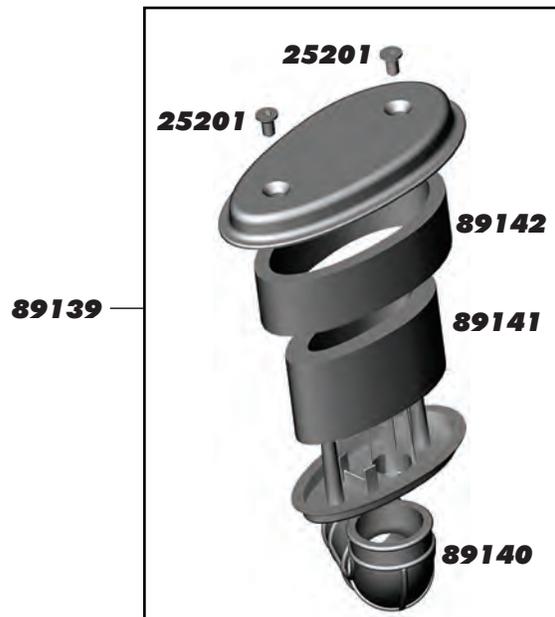
:: Fuel Tank

21173	18T Body Clips	12
25203	3x12mm FHCS	20
89066	Shock O-Rings	8
89128	Fuel Tank Mount, Set	1
89131	RC8 Fuel Tank	1
89325	Fuel Line Clips, Set	1



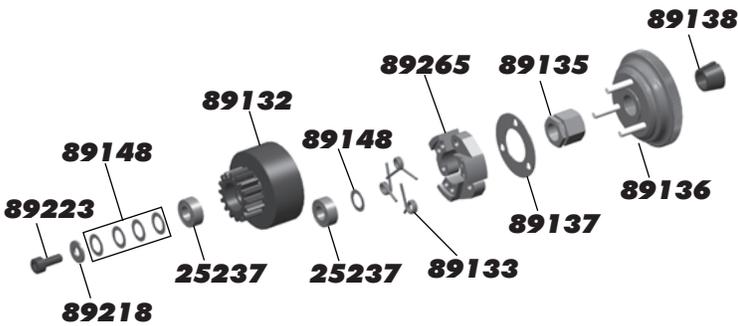
:: Air Filter

3719	6" Nylon Wire Ties	2
7710	Pre-Filter Fluid	1
25201	3x8mm FHCS	20
89139	RC8 Air Filter Set	1
89140	RC8 Air Filter Hose	1
89141	Air Filter Elements	1
89142	Air Filter Outer Elements	4



:: Clutch

25237	5x10x4 Bearings	2
89127	Clutch Bell, 17T	1
89132	Clutch Bell, 16T - Kit	1
89133	Clutch Springs 1.0 - Kit	3
89134	Clutch Shoes (aluminum) w/ Shims, Set	1
89135	Clutch Nut	1
89136	Flywheel (Hard Anodized)	1
89137	Clutch Shims	4
89138	Flywheel Collet	1
89148	Clutch Bell Shim Set	1
89157	0.9 Clutch Springs	3
89158	1.1 Clutch Springs	3
89159	Short Clutch Nut	1
89218	3x8mm Washer	10
89223	3x8mm SHCS	10
89265	Fiber Clutch Shoes - Kit	3
89375	Clutch Bell, 14T	1
89376	Clutch Bell, 13T	1



:: Exhaust

2357	Rear Exhaust Manifold Spring	6
7733	Exhaust Tubing Coupler	1
25094	Header Spring	1
89147	Header Gasket	1
89175	Black Non-Stick Muffler	1
89176	Black Non-Stick Header	1
89177	Polished Muffler	1
89178	Polished Header	1
89181	Muffler to Header Springs	3
89273	RTR Tuned Pipe	1
89274	RTR Header	1

89175



89176



2357



:: Fueling

1748	Nitro Fuel Bottle 600cc	1
1749	Nitro Fuel Bottle 350cc	1
7724	Fuel Line 15"	1
7725	Fuel Line 3'	1
25076	Fuel Primer Bulb	1



7724
7725

1748
1749

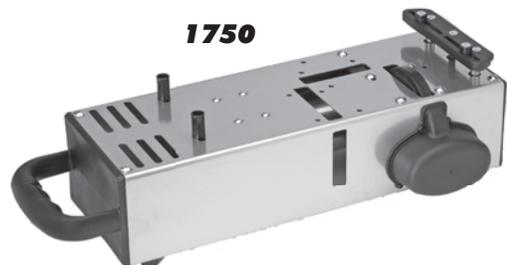


25076

:: Starting Equipment

1738	FT Glow Starter	2
1750	FT Starter Box	1
7994	D-Size Glow Ignitor	20
		1

1750



:: Factory Team and Option Parts

25392	3mm Blue Locknut, Flanged	10
31550	M3 Aluminum Lock Nut	6
80930	1/8 Scale Electric Conversion Kit	1
89005	Aluminum Antenna Mount	1
89012	RC8 Steering Rack, Carbon Fiber	1
89016	Servo Saver Bolt, Nut, Spring (Blue)	1
89020	Center Bulkhead Plate CF	1
89045	RC8 FT 0.5 Degree Toe Bushing	1
89053	Gold Shock Shaft 29mm	2
89054	Gold Shock Shaft 38mm	2
89070	RC8 Ti Turnbuckle Set	1
89071	Camber Turnbuckles 5mm	2
89073	Servo Turnbuckle 4mm	1
89082	RC8 Shock Standoffs, Aluminum	4
89094	Nyloc Wheel Hex Nuts, Blue	2
89095	Wheel Hex, Aluminum	2
89123	RC8 Heatsink Brake Disc	2
89136	RC8 Flywheel, Hard	1
89146	RC8/T Clutch Shoes, Hard	3
89160	Drivetrain Bearing, Set	1
89161	Steering Bearing Set	1
89229	Blue Countersunk Washer	10
89234	Blue Aluminum Top Plate (FT)	1
89235	RC8 CNC Aluminum Steering Rack	1
89236	Black Aluminum Top Plate (FT)	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	FT 16x29mm Front Shock Kit	1
89291	FT 16x29mm Front Shock Bodies, Hard Coated & Threaded - requires #89555 shock shafts	Pr.
89344	FT 16x38mm Rear Shock Bodies, Hard Coated & Threaded - requires #89555 shock shafts	Pr.
89346	FT 16x38mm Rear Shock Kit	1
89355	16mm Shock Collar, threaded	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
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
89464	RC8B Aluminum Front Shock Tower	1
89465	RC8B Aluminum Rear Shock Tower	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
89470	RC8B Shock Tower Hinge Pin Bushings, Set	1
89473	Steel Shock Standoff	2
89476	FT RC8B +3mm Chassis	1
89477	FT RC8B Light Outdrive, Front	2
89478	FT RC8B Light Outdrive, Rear	2
89481	FT RC8B Low B-Plate	1
89482	FT RC8B Low B-Plate Inserts	2
89485	FT RC8B Aluminum Steering Posts	2
89487	RC8.2 FT Rear Swaybar, 2.5 Green	1
89488	RC8.2 FT Rear Swaybar, 2.6 White	1
89489	RC8.2 FT Rear Swaybar, 2.7 Blue	1
89490	RC8.2 FT Rear Swaybar, 2.8 Yellow	1
89492	16mm Piston 5x1.1 + 5x1.2	4
89494	RC8B Light Diff Ring Gear, Includes Diff Gasket	1
89495	RC8 FT Light Spur Gear, 44T	1
89496	Diff Outdrive	2
89529	RC8.2e FT Motor Mount Set	1
89530	RC8.2 FT Front Swaybar Kit	1
89531	RC8.2 FT Rear Swaybar Kit	1
89532	RC8.2 FT Front Swaybar, 2.2 Green	1
89533	RC8.2 FT Front Swaybar, 2.3 White	1
89534	RC8.2 FT Front Swaybar, 2.4 Blue	1
89535	RC8.2 FT Front Swaybar, 2.5 Yellow	1

:: Factory Team and Option Parts - (cont.)

89536	RC8.2 Swaybar Pivot Ball w/setscrews	4
89537	RC8.2 Swaybar Drop Link w/pivots	4
89541	FT RC8.2 Front Spring Kit	1
89542	FT RC8.2 Front Spring, 4.00 Green	2
89543	FT RC8.2 Front Spring, 4.30 Silver	2
89544	FT RC8.2 Front Spring, 4.65 Blue	2
89545	FT RC8.2 Rear Spring Kit	1
89546	FT RC8.2 Rear Spring, 3.25 Green	2
89547	FT RC8.2 Rear Spring, 3.55 Silver	2
89548	FT RC8.2 Rear Spring, 3.75 Blue	2
89553	RC8.2 Front Hinge Pin, TiN	2
89554	HD Shock Shaft, 4x26mm	Pr.
89555	HD Shock Shaft, 4x36mm	Pr.
89556	RC8.2 Shock Boots, Front & Rear	1
89557	Pin Retainer O-Ring and Boot	2
89558	RC8.2 Caster Blocks, Left & Right	Pr.
89561	RC8.2 Mud Guards, Left & Right	Pr.
89563	FT Woven Carbon-fiber Shock Tower, front	1
89564	FT Woven Carbon-fiber Shock Tower, rear	1
89565	Vertical Caster Block, 16° (use #89566, 89567)	Pr.
89566	Vertical Steering Blocks (use #89565, 89567)	2
89567	Bushings and Pins (use #89565, 89566)	4ea
89568	Optional Gear Set	1
91069	Shock Mount Pin, Steel	4

:: XP Electronics

29133	XP DS1903 Servo	1
29134	XP DS1903MG Servo	1
29150	TX/RX Charger, charges transmitter and receiver	1
29166	XP DS1313 Digital Servo	1
29167	XP DS1015 Digital Servo	1
29168	XP DS1510MG Digital Servo	1
29209	Gear Set, DS1313	1
29210	Gear Set, DS1015	1
29211	Servo Case, DS1313/DS1015	1
29212	Accessory Pack, DS1313/DS1015	1
29214	TRS403-SSI 2.4GHz 3Ch Receiver	1
29215	XP2G 2.4GHz Radio System	1
29216	XP3G 2.4GHz Radio System	1
29217	TRS402-SSI 2.4GHz 2Ch Receiver	1

:: LRP Engines, Chargers, Soldering Irons

LRP32111	ZR.21X Spec.2 Non Pull Race Engine	1
LRP32120	LRP ZZ.21c Ceramic Competition Engine	1
LRP32802	LRP Z.28R Spec. 3 Engine	1
LRP32810	ZR.30 Spec.2 Pullstart	1
LRP32815	ZR.30 X Competition, non-pullstart	1
LRP32820	ZR.32 Spec.2 Pull Start Engine	1
LRP41281	Quadra Pro 2 Charger	1
LRP41555	Pulsar Touch Competition Charger	1
LRP42103	LiPo Balance Board XH	1
LRP42104	LiPo Balance Board FP/TP	1
LRP42105	LiPo Balance Board PQ	1
LRP42305	Pulsar Touch Temperature Sensor	1
LRP43200	LRP Competition 20A Power Supply	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 1/8 Brushless Systems

LRP53225	Dynamic 8 Brushless Motor 1600KV	1
LRP53235	Dynamic 8 Brushless Motor 2000KV	1
LRP53240	Dynamic 8 Brushless Motor 2200KV	1
LRP80786	IX8/Dynamic 8 2200KV	1
LRP80788	IX8/Dynamic 8 2000KV	1
LRP80880	IX8 Brushless ESC	1

:: Reedy Nitro Engines and Parts

800	Reedy 121VR .21 Off-Road Comp. Nitro Engine	1
801	Reedy 121VR-ST .21 Comp. Nitro Engine	1
802	Reedy .21 VS Pull Start Nitro Engine	1
28000	121 VR Crankshaft	1
28001	121 Crankcase	1
28002	121 Connecting Rod	1
28003	121 Wrist Pin	1
28004	121 Circlips	1
28005	121 VR Cylinder & Piston	1
28006	121 VR Heatsink Head	1
28007	121 VR Button	1
28008	121 Carb Insulator	1
28009	121 Head Shim Set	1
28010	121 Backplate	1
28011	121 Exhaust Gasket	1
28012	121 Ball Bearing (Rear)	1
28013	121 Ball Bearing (Front)	1
28014	121 Screw Set	1
28015	121 VR Complete Carburetor	1
28016	121 VR Carb Body Set	1
28017	121 Needle Valve Assembly	1
28018	121 Needle Valve	1
28019	121 Carb Slide Assembly	1
28020	121 Idle Screw	1
28021	121 VR O-Ring Set	1
28022	121 Exhaust Spring Set	1
28023	121 Dust Cap Set	1
28024	121 Flywheel Collet	1
28025	121 Restrictor (7.0mm)	1
28026	121 Restrictor (8.0mm)	1
28027	121 Restrictor (9.0mm)	1
28028	121 Restrictor (6.5mm)	1
28029	121 Restrictor (7.5mm)	1
28030	121 Restrictor (8.5mm)	1
28031	121 VR-ST Crankshaft (ADLC)	1
28032	121 VR-ST Crankcase	1
28033	121 Wrist Pin (ADLC)	1
28034	121 VR-ST Cylinder and Piston	1
28035	121 VR-ST Heatsink Head	1
28036	Ceramic Rear Bearing for 121 Engine	1
28037	121 VR-ST Complete Carburetor	1
28038	121 VR-ST Carburetor Body Set	1
28039	121 VR-ST Midrange Screw	1
28040	Reedy RT3 Turbo Plug, Very Hot	1
28041	Reedy RT4 Turbo Plug, Hot	1
28042	121 Restrictor (5.0mm)	1
28043	121 Restrictor (5.5mm)	1
28044	121 Restrictor (6.0mm)	1
28045	Reedy 2035 Tuned Exhaust System	1
28046	Reedy 2035 Muffler	1
28047	Reedy Exhaust Manifold	1
28048	Reedy 2039 Tuned Exhaust System	1
28049	Reedy 2039 Muffler	1
28050	Reedy Turbo Glow Plug Caddy	1

:: Reedy Motors

929	1515-SL Brushless Motor 2000kV	1
988	Sonic 1512 1800kV Competition Brushless Motor	1
989	Sonic 1512 2100kV Competition Brushless Motor	1

:: Reedy Batteries

302	AA Alkaline 1.5V (4)	1
303	AA 2700mAh NiMH 1.2V Rechargeable	1
304	Pro RX Battery 1600mAh 7.4V Flat	1
305	Pro RX Battery 1300mAh 6.6V Flat	1
604	526-S AC/DC 2S-6S LiPo/LiFe Charger	1
606	Charge Harness 2S Saddle Pack 4mm	1
607	Charge Harness 2S Standard Pack 4mm	1
610	447-S AC/DC NiMH Peak Charger	1
612	1600 Series 6.0V Hump Receiver Pack	1
613	1600 Series 6.0V Flat Receiver Pack	1
626	Reedy LiPo 5500mAh 14.8V 60C	1
630	Pro RX LiPo Battery 1600mAh 7.4V	1
631	RX LiPo Battery 2100mAh 7.4V	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
635	Starter Box Battery 2200mAh	1
636	6.0V Voltage Regulator	1
637	TX Battery - M11X 2500mAh 7.4V	1
638	RX LiFe Battery 1700mAh 6.6V	1
693	Wolfpack 2400mAh 7.2V w/TAM connector	1
694	Wolfpack 3000mAh 7.2V w/TAM connector	1
695	Wolfpack 3600mAh 7.2V w/TAM connector	1
700	Wolfpack 4200mAh 7.2V w/TAM connector	1
722	LiPo 18.5V 3800mAh 5S 40C	1
733	Wolfpack LiPo 3700mAh 14.8V 35C w/DEANS®	1

:: Qualifier Series Vehicles

7052	Pro Lite 4x4 RTR, 1/10 Scale (ready-to-run)	1
20510	RIVAL Electric Monster Truck RTR, 1/8 Scale (ready-to-run)	1
30112	APEX Touring V-Type, 1/10 Scale (ready-to-run)	1

:: 1/18 Kits and RTR's

20103	RC18B2 - RC18T2 Team Kit	1
20121	SC18 RTR Brushless (ready-to-run)	1

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

2042	Nitro TC3 RTR Plus (ready-to-run)	1
4020	FT 12R5.2 Kit	1
7025	RC10T4.2 FT Kit	1
7029	SC10 Associated/RC10.com Truck RTR (ready-to-run)	1
7030	SC10 KMC Wheels Race Truck RTR (ready-to-run)	1
7037	RC10T4.1 RTR 2.4GHz Brushless (ready-to-run)	1
7038	SC10.2 FT Kit	1
7046	SC10 RS RTR, Lucas Oil (ready-to-run)	1
7047	SC10 RS RTR, Monster Energy (ready-to-run)	1
7048	SC10 RS RTR, Pro Comp (ready-to-run)	1
7049	SC10 RS RTR, Rockstar/Makita (ready-to-run)	1
7050	SC10 RS RTR, Hart and Huntington (ready-to-run)	1
7092	GT2 RS Truck Nitro RTR (ready-to-run)	1
7093	SC10GT RTR (ready-to-run)	1
8020	FT RC10R5 Kit	1
8022	FT RC10R5.1 Kit	1
9039	RC10B4.1 RTR 2.4GHz Brushless (ready-to-run)	1
9040	FT RC10B4.1 Worlds Kit	1
9041	FT RC10B4.2 Kit	1
9050	SC10B RS RTR (ready-to-run)	1
9062	FT B44.2 4WD Buggy Kit	1
30101	TC4 Club Racer 4WD Touring Car Race Roller	1
30108	FT TC6.1 WC 4WD Touring Car Kit	1
90004	SC10 4x4 Kit	1
90005	SC10 4x4 Lucas Oil RTR (ready-to-run)	1
90006	SC10 4x4 Pro Comp RTR (ready-to-run)	1
90007	SC10 4x4 Rockstar/Makita RTR (ready-to-run)	1
90010	SC10 4x4 FT Kit	1

:: 1/8 Kits and RTR's

20501	MGT 4.60 SE RTR (ready-to-run)	1
20502	MGT 8.0 Nitro RTR (ready-to-run)	1
20503	Limited Edition MGT 4.60 Nitro RTR, w/flag body (ready-to-run)	1
20504	Limited Edition MGT 8.0 Nitro RTR, w/flag body (ready-to-run)	1
80905	RC8RS "Race Spec" Nitro Buggy RTR (ready-to-run)	1
80906	RC8.2 Nitro Buggy FT Kit	1
80907	RC8.2e Electric Buggy FT Kit	1
80908	RC8.2e Electric Buggy RTR (ready-to-run)	1
80909	RC8.2 Nitro Buggy RTR (ready-to-run)	1
80912	RC8T Championship Edition	1
80933	SC8.2e Short Course Race Truck, Rockstar/Makita Electric RTR (ready-to-run)	1
80934	SC8.2e Short Course Race Truck, Slick Mist Electric RTR (ready-to-run)	1

:: Apparel

SP35**	Reedy 09' White T-Shirt (L, XL, 2XL)	1
SP36**	Reedy 09' Black T-Shirt (M, L, XL, 2XL, 3XL)	1
SP37**	Reedy 2012 T-shirt - Black (S, M, L, XL, 2XL, 3XL)	1
SP38	Reedy Trucker Hat	1
SP39	Reedy Patch	1
SP66**	Stencil Blue T-Shirt (S, M, L, XL, 2-6XL)	1
SP67**	AE Stencil Gray Sweatshirt (S, M, L, XL, 2XL, 3XL)	1
SP68**	AE Stencil Blue T-Shirt (M, L, XL)	1
SP69**	AE 26 Time World Championship T-Shirt, Black (S, M, L, XL, 2XL, 3XL)	1
SP70**	Associated Windbreaker (S, M, L, XL, 3XL)	1
SP71**	Associated Winter Jacket (S, M, L, XL, 2XL)	1
SP73**	AE Long Sleeve T-Shirt (S, M, L, XL, 2XL)	1
SP74**	AE White T-Shirt (S, M, L, XL, 2XL, 3XL, 4XL)	1
SP75**	AE Blue T-Shirt (S, M, L, XL, 2-6XL)	1
SP76**	AE Black T-Shirt (S, M, L, XL, 2XL, 3XL, 4XL)	1
SP77**	AE 2012 T-Shirt, Blue (S, M, L, XL, 2XL, 3XL)	1
SP78**	AE 2012 T-Shirt, White (S, M, L, XL, 2XL, 3XL)	1
SP79**	AE 2012 T-Shirt, Black (S, M, L, XL, 2XL, 3XL)	1
SP84**	Reedy 3D T-Shirt, Black (S, M, L, XL, 2XL, 3XL)	1
SP85**	Reedy 3D Zip Hoodie, Black (S, M, L, XL, 2XL, 3XL)	1
SP86**	Reedy Girl's 3D T-Shirt, Black (S, M, L, XL)	1
SP102	Outer & Inner Boxes, for #SP-416	1
SP103	Inner Boxes only, for #SP416	1
SP411S	AE Hat 11' Flat Bill Black S/M	1
SP411L	AE Hat 11' Flat Bill Black L/XL	1
SP413S	26 Time World Championship Hat S/M	1
SP413L	26 Time World Championship Hat L/XL	1
SP416	Associated Car Carrier Bag, Medium	1
SP417	1/10 FT Motor Bag	1
SP418	Factory Team 1/10 Car Carrier Bag	1
SP420**	AE Pit Gloves (M, L, XL)	Pr.
SP421S	AE 2012 Hat, Black, Flat Bill, S/M	1
SP421L	AE 2012 Hat, Black, Flat Bill, L/XL	1
SP422S	AE 2012 Hat, Black, Curved Bill, S/M	1
SP422L	AE 2012 Hat, Black, Curved Bill, L/XL	1
SP423S	AE 2012 Hat, White, Flat Bill, S/M	1
SP423L	AE 2012 Hat, White, Flat Bill, L/XL	1
SP424S	AE 2012 Hat, White, Curved Bill, S/M	1
SP424L	AE 2012 Hat, White, Curved Bill, L/XL	1
715	Reedy 2009 Track Banner	1
110684	Team Associated Track Banner	1

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

:: 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
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
1655	FT 8-Piece 1/4" Hex Drive Set	1
1656	FT 1/4" Hex Drive Handle, without tips	1
1657	FT 1/4" Hex Drive .050" Tip	1
1658	FT 1/4" Hex Drive 1/16" Tip	1
1659	FT 1/4" Hex Drive 5/64" - 2.0mm Tip	1
1660	FT 1/4" Hex Drive 3/32" Tip	1
1661	FT 1/4" Hex Drive 1.5mm Tip	1
1662	FT 1/4" Hex Drive 2.5mm Tip	1
1663	FT 1/4" Hex Drive 3/16" Nut Driver Tip	1
1664	FT 1/4" Hex Drive 1/4" Nut Driver Tip	1
1665	FT 1/4" Hex Drive 11/32" Nut Driver Tip	1
1666	FT 1/4" Hex Drive 5.5mm Nut Driver Tip	1
1667	FT 1/4" Hex Drive 7.0mm Nut Driver Tip	1
1668	FT 1/4" Hex Drive 8.0mm Nut Driver Tip	1
1669	FT 1/4" Hex Drive 5/64" - 2.0mm Ball End Tip	1
1670	FT 1/4" Hex Drive 3/32" Ball End Tip	1
1671	FT 1/4" Hex Drive Standard Screwdriver Tip	1
1672	FT 1/4" Hex Drive Phillips Screwdriver Tip	1
1673	FT 1/4" Hex Drive 2.5mm Ball End Tip	1
1674	FT 1/4" 5 Piece Power Tool Tips Set (5/64"-2.0mm, 1.5mm, 2.5mm, 5/64"- 2.0mm ball, 2.5mm ball)	1
1719	FT Camber + Track Width Tool	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
3987	FT Droop Gauge	1
7709	4 Inch Nylon Wire Ties	12
89240	FT RC8 Turnbuckle Wrench	1
89358	16mm Big Bore Shock Tools	1
91107	13mm Shock Tools	1

:: RePlay Cameras

RP001	Replay XD1080 Complete Camera System	1
RP002	Replay XD720 Complete Camera System	1
RP021	Replay XD1080 Lens Bezel Kit	1
RP022	Replay XD1080 Clear Lens Cover	1
RP023	Replay XD1080 Lens Bezel & Rear Cap O-Ring	1
RP029	Replay XD1080 HDMI to Mini-HDMI	1
RP030	Replay XD1080 Mini 8-pin USB Charge Data Cable	1
RP032	USB DC Car Charger 1A Stubby	1
RP033	USB DC Car Charger 500mAh	1
RP034	Micro SDHC USB Reader	1
RP036	3M VHB 4991 Mount Adhesive for SnapTray	1
RP037	3M VHB 5962 Mount Adhesive for Pro Flat Mount	1
RP038	3M VHB 5962 Mount Adhesive for SnapTray	1
RP041	Replay XD Suction Cup Arm Mini Clamp	1
RP042	Replay XD Suction Cup Short Arm Base	1
RP043	Replay XD Skateboard Mount	1
RP044	Replay XD VHB SnapTray, Convex	1
RP045	Replay XD VHB SnapTray, Flat	1
RP046	Au Plug for Universal DC Wall Charger	1
RP047	Eu Plug for Universal DC Wall Charger	1
RP048	Uk Plug for Universal DC Wall Charger	1
RP049	Universal USB DC Wall Charger 1A	1
RP054	RePlae ReView Field Monitor	1

:: Contact Information

Associated Electrics, Inc.
26021 Commercentre Drive
Lake Forest, CA 92630-8853 USA
<http://www.TeamAssociated.com>
<http://www.RC10.com>
[http://twitter/Team Associated](http://twitter/TeamAssociated)
<http://bit.ly/AEonFacebook>

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 - www.RC10.com

:: Notes

:: Notes

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

Front Suspension

Anti Roll Bar:

- 2.2mm Black
 2.5mm Silver
 2.8mm Gold
 3.0mm Black

- Stock Rack
 Swing Rack
 Bellcrank Rack



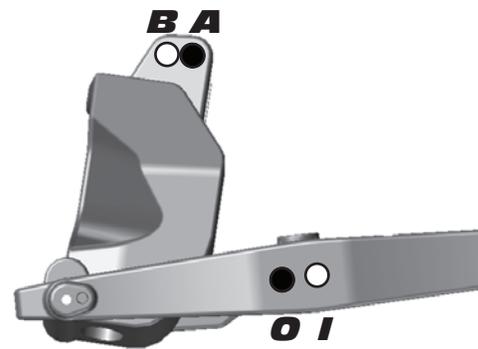
Bumpsteer

Washers: 0

Camber: -1

Caster: 16 deg

Toe: 0



Ride Height: 29mm

O I

Upper Hinge Pin Bushing

Front # 1 dot
 Up Down

Rear # 2 dot
 Up Down

B-Plate Type

Low Original

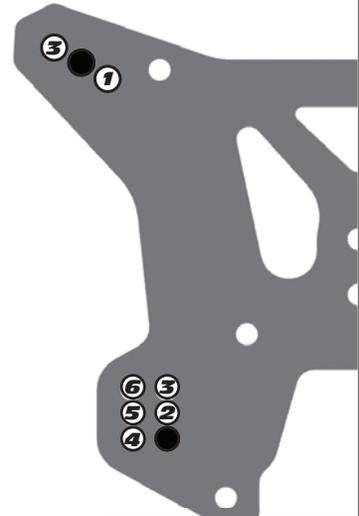
Kickup Bushing A-Plate

2 dot
 Up Down

Rear Suspension

Anti Roll Bar:

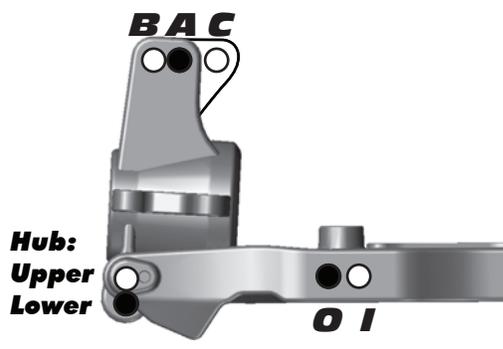
- 2.2mm Black
 2.5mm Silver
 2.8mm Gold
 3.0mm Black



Wheelbase:

- Long
 Medium
 Short

Camber: -2



Ride Height: 29mm

O I

Toe Bushing D-Plate

3 degree
 In Out

Squat Bushing C-Plate

2 dot
 Up Down

Front Shocks

Spring: Front Silver 3.9 Shock Cap: Alum.
 Shock Fluid: 40 weight Length: 102mm
 Piston: 16mm Rebound: None

Rear Shocks

Spring: Rear Silver 3.3 Shock Cap: Alum.
 Shock Fluid: 30 weight Length: 120mm
 Piston: 16mm Rebound: None

Chassis Braces / Wheel Hex

Chassis Braces: Wheel Hex:
 Pivot Narrow
 Molded Wide
 Aluminum

Chassis Weight

Weight: _____

Rear Hubs

Rear Hubs:
 Standard
 CNC FT Alum.

Differentials

Front Diff Fluid: 5,000
 Center Diff Fluid: 5,000
 Rear Diff Fluid: 5,000
 Notes: _____

Body / Wing

Body Type: _____
 Wing Type: _____
 Gap to Tower (MM): _____

Gearing / Clutch

Spur Gear: 44T
 Clutch Bell: 16T
 Clutch Shoes: Fiber
 Clutch Spring: 1.0 X3

Drivetrain

Dogbone:
 CVA:

Engine

Engine: Reedy .21 VS Pullstart
 Restrictor: _____ Temp: _____
 Muffler: RTR Tuned Pipe
 Glow Plug: _____ Fuel: _____

Tires

Tire (F/R): _____ / _____
 Compound (F/R): _____ / _____
 Inserts (F/R): _____ / _____
 Wheel (F/R): _____ / _____
 Notes: _____

Radio / Servos

Radio: _____
 Steering Servo: _____ Steering Expo: _____
 Brake Expo: _____
 Initial Brake: _____ Drag Brake: _____
 Dual Rate: _____

Race and Vehicle Comments

Qualify: _____ Main: _____ Finish: _____ TQ: _____
 Comments: _____

Track Info

Traction: High Medium Low
 Surface: Smooth Bumpy Blue Groove
 Soft Dirt Grass Clay Wet
 Astroturf Dusty Other: _____

:: Hardware - 1:1 Scale View

Flat Head (fhcs)

-  **3x8mm (25201)**
-  **3x10mm (25202)**
-  **3x12mm (25203)**
-  **3x14mm (89208)**
-  **3x16mm (89224)**
-  **3x18mm (89209)**
-  **3x20mm (89210)**
-  **3x22mm (89455)**
-  **3x26mm (89211)**
-  **4x6mm (89213)**
-  **4x12mm (89214)**
-  **4x14mm (89217)**

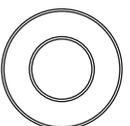
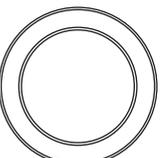
Cap Head (shcs)

-  **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)

-  **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)**

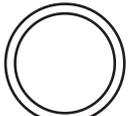
Ball Bearings

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

Set Screws

-  **3x3mm (25225)**
-  **3x5mm (89219)**
-  **3x10mm (4671)**
-  **4x5mm (25226)**
-  **4x12mm (89220)**
-  **5x4mm (89221)**

Shims and Washers

-  **Ballstud Washer (9630)**
-  **3x5.6mm Steel Washer (89528)**
-  **2.5mm Washer (89278)**
-  **3x8mm Thin Washer (89218)**
-  **Diff Washer (89120)**
-  **Diff Shim (89117)**

Front Suspension

Anti Roll Bar:

- 2.2mm Black
- 2.5mm Silver
- 2.8mm Gold
- 3.0mm Black

Steering System:

- Stock Rack
- Swing Rack
- Bellcrank Rack

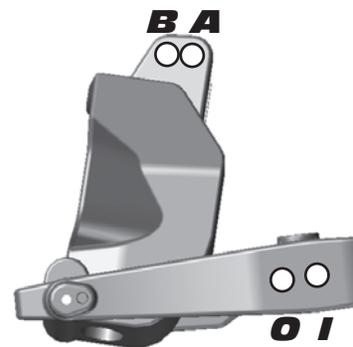


Bumpsteer Washers:

Camber:

Caster:

Toe:



Ride Height:

Upper Hinge Pin Bushing

Front # _____
Up Down

Rear # _____
Up Down

B-Plate Type

Low Original

Kickup Bushing A-Plate

Up Down

Rear Suspension

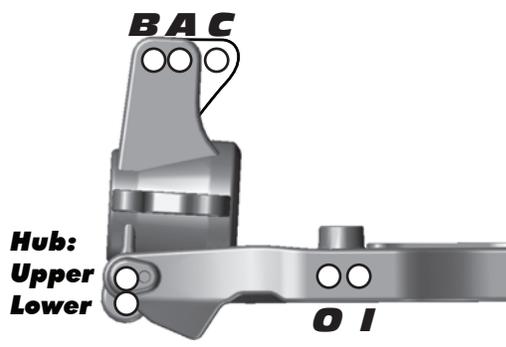
Anti Roll Bar:

- 2.2mm Black
- 2.5mm Silver
- 2.8mm Gold
- 3.0mm Black

Wheelbase:

- Long
- Medium
- Short

Camber:



Ride Height:

Toe Bushing D-Plate

In Out

Squat Bushing C-Plate

Up Down

Front Shocks

Spring: _____ Shock Cap: _____
Shock Fluid: _____ Length: _____
Piston: _____ Rebound: _____

Rear Shocks

Spring: _____ Shock Cap: _____
Shock Fluid: _____ Length: _____
Piston: _____ Rebound: _____

Chassis Braces / Wheel Hex

Chassis Braces: _____
Pivot Molded Aluminum

Wheel Hex: _____
Narrow Wide

Chassis Weight

Weight: _____

Rear Hubs

Rear Hubs: _____
Standard CNC FT Alum.

Differentials

Front Diff Fluid: _____
Center Diff Fluid: _____
Rear Diff Fluid: _____
Notes: _____

Body / Wing

Body Type: _____
Wing Type: _____
Gap to Tower (MM): _____

Gearing / Clutch

Spur Gear: _____
Clutch Bell: _____
Clutch Shoes: _____
Clutch Spring: _____

Drivetrain

Dogbone:
CVA:

Engine

Engine: _____
Restrictor: _____ Temp: _____
Muffler: _____
Glow Plug: _____ Fuel: _____

Tires

Tire (F/R): _____ / _____
Compound (F/R): _____ / _____
Inserts (F/R): _____ / _____
Wheel (F/R): _____ / _____
Notes: _____

Radio / Servos

Radio: _____
Steering Servo: _____ Steering Expo: _____
Brake Expo: _____
Initial Brake: _____ Drag Brake: _____
Dual Rate: _____

Race and Vehicle Comments

Qualify: _____ Main: _____ Finish: _____ TQ: _____
Comments: _____

Track Info

Traction: High Medium Low
Surface: Smooth Bumpy Blue Groove
Soft Dirt Grass Clay Wet
Astroturf Dusty Other: _____



**Associated Electrics, Inc.
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