

**RC Buggy
TEAM**
B4.2
KIT

**RC Buggy
TEAM**
B4.2
KIT

TEAM ASSOCIATED

1:8 Scale 4WD Nitro Off Road Competition Buggy Kit Manual

#80954 RC10B4.2 Team Kit and #80956 RC10B4.2 EURO Team Kit



CHAMPIONS *by* **DESIGN**

AssociatedElectrics.com

TEAM ASSOCIATED



:: Introduction

Thank you for purchasing this Team Associated product. This assembly manual contains instructions and tips for building and maintaining your new Kit. Please take a moment to read through this manual to help familiarize yourself with these steps. We are continually changing and improving our designs; therefore, actual parts may appear slightly different than in 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.

:: KIT Features

- New molded height-adjustable gearboxes front and rear
- New offset hubs and updated rear suspension arms to accommodate new hub geometry
- New -4mm chassis in FWB configuration
- (Euro Spec) New V2 FWB chassis
- New high-volume center differential
- New long chassis brace options
- New high-downforce wing
- Now includes FT hard-anodized aluminum shock bushings
- Updated brake pad material and brake spring
- Soft blend material suspension arms
- 8-degree KPI steering blocks included
- 44/13 ring and pinion gear sets
- 92mm universal driveshafts with 17mm outdrives
- 19mm diameter HTC internal differential gear set
- (Euro Spec) 20mm diameter HTC internal differential gear set
- Optimized setup for tracks with loose dirt and large bumps
- (Euro Spec) Optimized setup for high-speed and high-grip tracks

:: Additional

Your new RC8B4.2 Kit comes as a kit. There are some items you will need to complete your kit (refer to website for suggestions):

- | | |
|---|-------------------------------------|
| • 4.8-7.4v receiver battery (Flat style NiMH, Flat style LiPo, Flat style LiFe) | • Throttle and Steering servos |
| • 2 or 3 channel radio/transmitter set with switch (2.4GHz recommended) | • Transmitter batteries |
| • Model car fuel (20-30% nitro recommended) | • Starter box - (#1751) |
| • .21 class rear exhaust engine | • Exhaust system |
| • 1:8 scale buggy wheels / tires | • Fuel bottle - (#1747) |
| • Polycarbonate-specific paint | • Reamer / hole punch |
| • CA (cyanoacrylic) glue - (#1597) | • Thread-locking compound - (#1596) |
| | • Glow igniter - (#27377) |
| | • Needle-nose pliers |
| | • Ride height gauge |
| | • Hobby knife |

:: Other Helpful Items

- | | |
|---|---------------------------------|
| • Silicone Shock/Diff Fluids (Refer to website for complete listings) | • Body Scissors (AE #1737) |
| • Shock Pliers | • FT Hex Wrenches - (#1518) |
| • Reamer / Hole Punch - (#1499) | • Wire Cutters |
| | • FT Nut Drivers - (#1519) |
| | • Calipers or a Precision Ruler |

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



Customer Service
Tel: 949.544.7500
Fax: 949.544.7501

:: Hardware - 1:1 Scale View

Flat Head (fhcs)

	2.5x6mm (4675)
	2.5x8mm (31448)
	3x5mm (31540)
	3x6mm (31541)
	3x8mm (25201)
	3x10mm (25202)
	3x12mm (25203)
	3x14mm (89208)
	3x30mm (89212)
	4x10mm (81262)
	4x12mm (89214)
	4x14mm (89217)
	4x16mm (81263)
	4x20mm (81264)

Socket Head (shcs)

	2x5mm (31511)
	2x16mm (7184)
	3x10mm (25620)
	3x12mm (89454)
	3x24mm (89225)
	3x26mm (89226)
	3x28mm (89227)

Button Head (bhcs)

	2.5x6mm (31520)
	2.5x8mm (31521)
	2.5x18mm (81259)
	3x6mm (31531)
	3x8mm (31532)
	3x10mm (25211)
	3x12mm (89202)
	3x14mm (25187)
	3x16mm (89203)
	3x18mm (2308)
	3x20mm (25188)
	3x22mm (25189)
	3x24mm (89204)
	4x14mm (81260)
	4x16mm (81261)

LP Socket Head (lp shcs)

	3x6mm (41089)
	3x10mm (41090)
	3x14mm (41094)
	3x16mm (41093)
	3x20mm (41091)

Set Screws

	3x3mm (25225)
	3x6mm (81257)
	3x10mm (4671)
	3x12mm (81258)
	4x4mm (7732)
	5x4mm (89221)

Ball Bearings

	5x8x2.5mm (8680)
	5x10x4mm (91560)
	6x10mm (31404)
	6x12x4mm (91561)
	8x16x5mm (91564)
	8x16x5mm flanged (91565)

Nuts (lock/plain)

	M3 Nut (91477)
	M3 Alum. Locknut, Blue (31550)
	M3 Locknut, Black (25215)
	M3 Locknut w/Flange (25612)
	FT 3mm Locknuts, Blue(25392)
	FT M4 Locknut, Blue (31551)
	M4 Locknut, Serrated (91738)

:: Table of Contents

1..... Cover	16 - 18.....Rear End Build (Bags 7.1, 7.2, 7.3)
2..... Introduction	19.....Rear Hubs Build (Bags 8.1, 8.2)
3..... 1:1 Hardware "Fold Out"	20 - 21.....Center Bulkhead Build (Bag 9.1)
4..... Table of Contents	21 - 22.....Linkages Build (Bag 10.1)
5 - 7.....Differentials Build (Bags 1.1, 1.2)	22 - 23.....Radio Tray Build (Bag 11.1)
7 - 8.....Shocks Build (Bag 2.1)	24 - 26.....Clutch / Filter Build (Bags 12.1, 12.2)
9.....Turnbuckles Build (Bags 3.1, 3.2)	26 - 27.....Fuel Tank Build (Bags 13.1, 13.2)
10 - 11.....Steering / Chassis Build (Bag 4.1)	27 - 28.....Wheels / Tires / Body (Misc.)
11 - 14.....Front Gearbox Build (Bags 5.1, 5.2, 5.3)	29.....Droop Settings
14 - 15.....Steering Blocks Build (Bags 6.1, 6.2)	30.....Back Cover

:: Notes



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



This symbol indicates a specific build order in the manual.



This symbol indicates a Racers Tip.



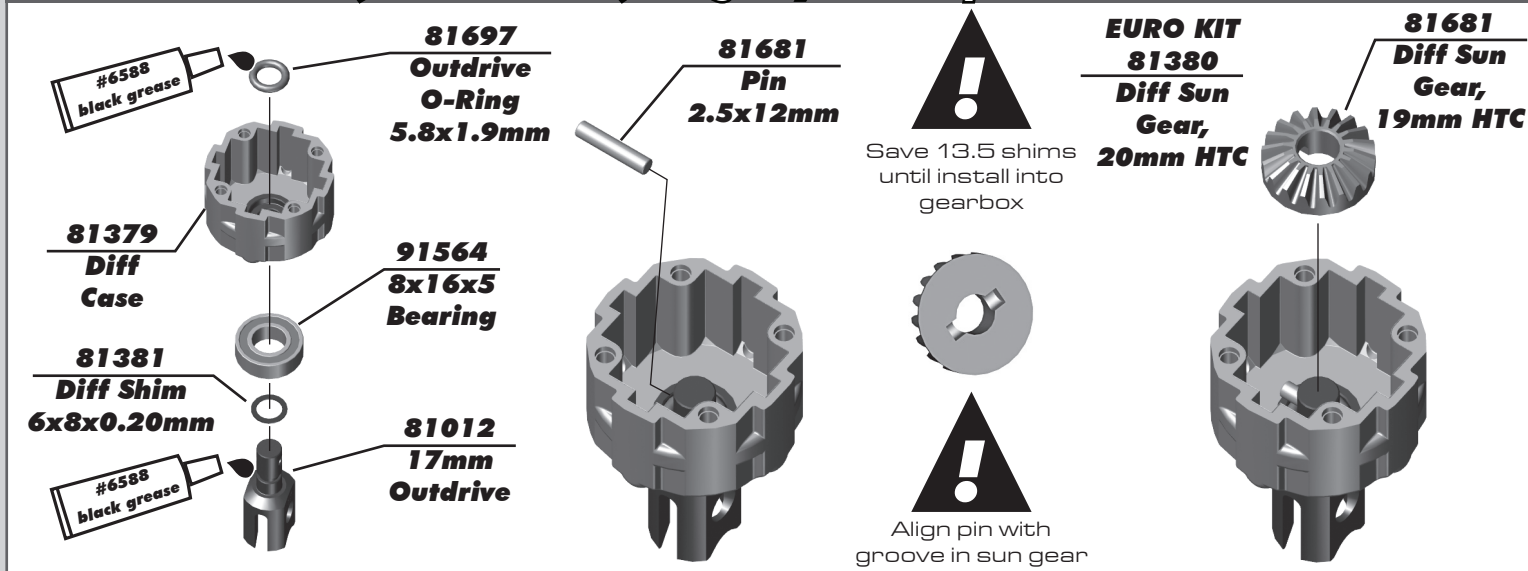
There is a 1:1 hardware foldout page in the front of the manual. To check the size of a part, line up your hardware with the correct drawing until you find the exact size. Each part in the foldout has a number assigned to it for ordering replacement parts.

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

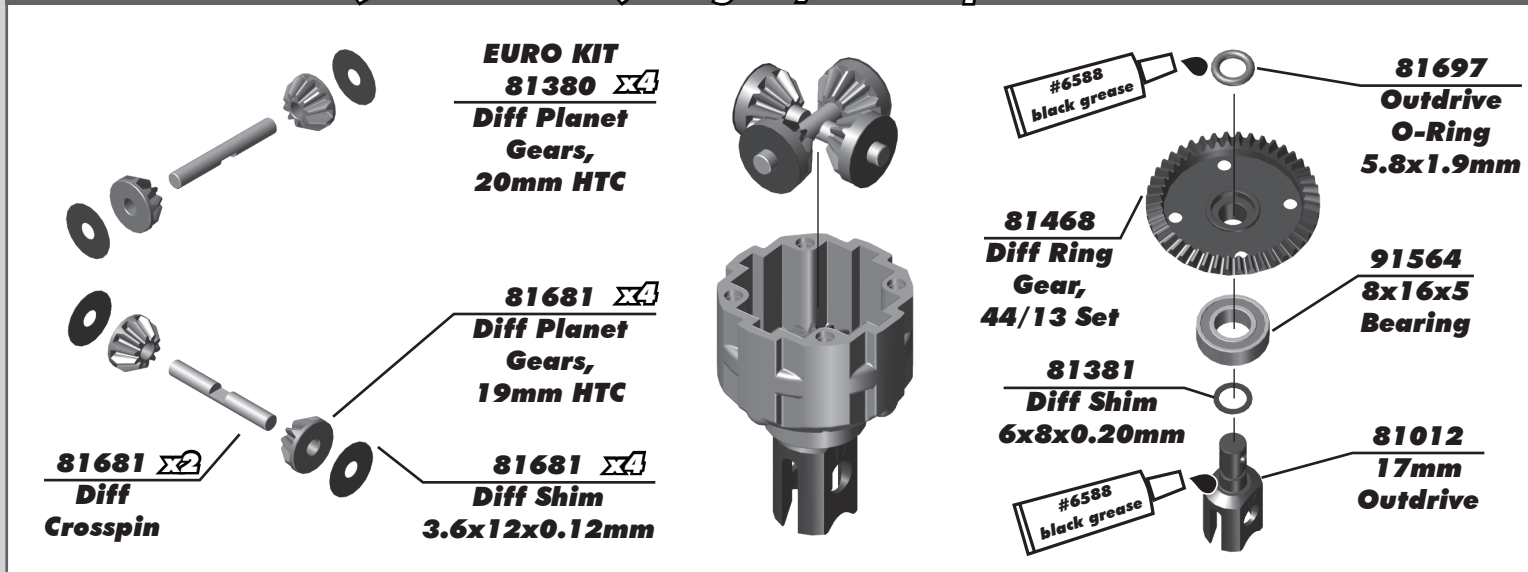


**Customer Service
Tel: 949.544.7500
Fax: 949.544.7501**

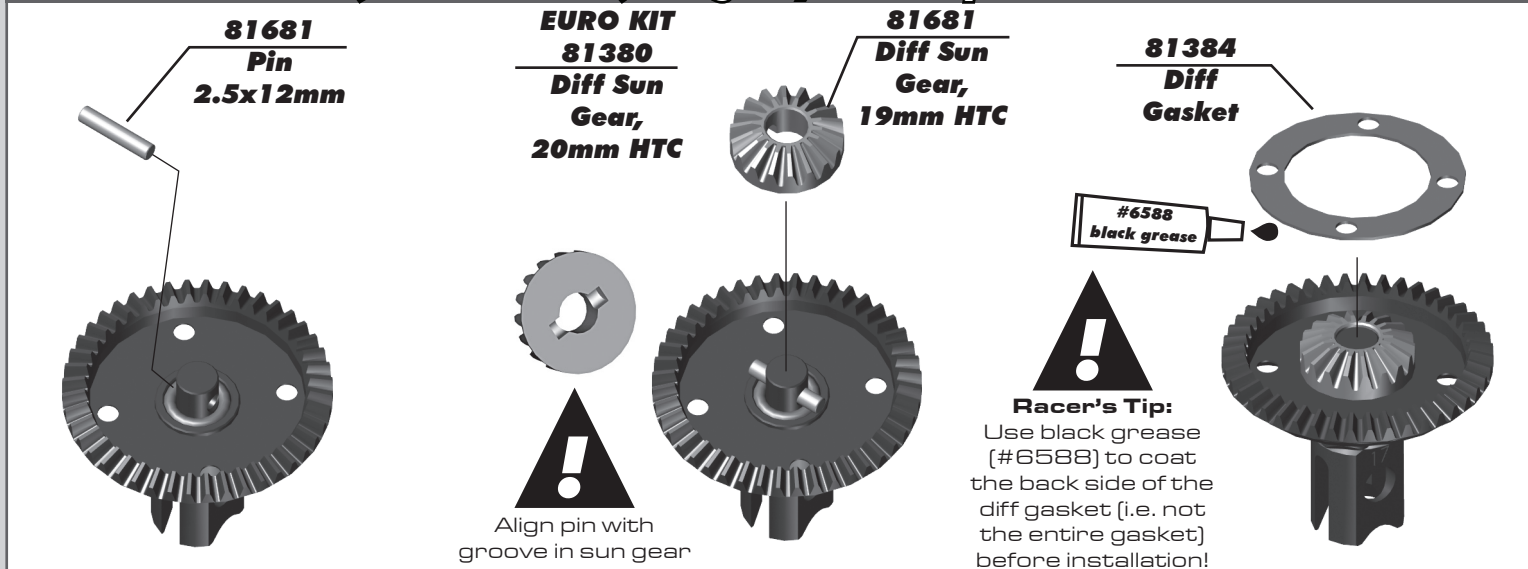
:: Differential Build (Front and Rear) - Bag 1.1, 1.2 - Step 1



:: Differential Build (Front and Rear) - Bag 1.1, 1.2 - Step 2



:: Differential Build (Front and Rear) - Bag 1.1, 1.2 - Step 3

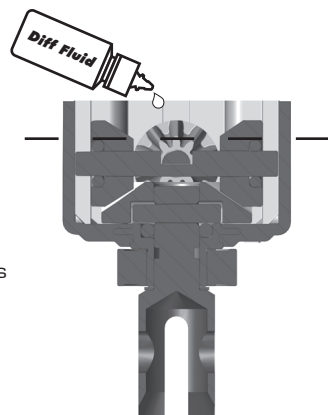


:: Differential Build (Front and Rear) - Bag 1.1, 1.2 - Step 4

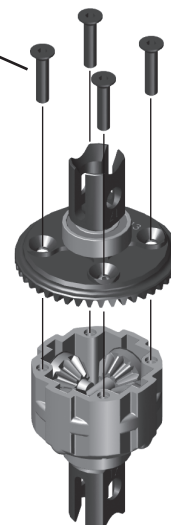


Racer's Tip:

Fill diff above the cross pins, below the planet gears as shown.



25202 X4
M3x10mm
FHCS



Front Diff Fluid:

Team Kit - 10,000cst #5455

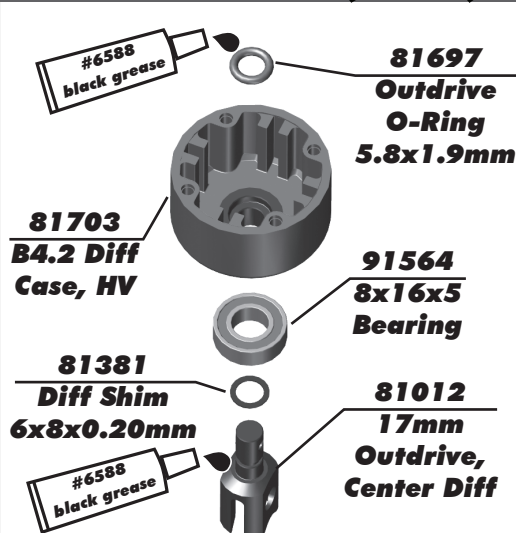
Euro Kit - 60,000cst #5458

Rear Diff Fluid:

Team Kit - 5,000cst #5453

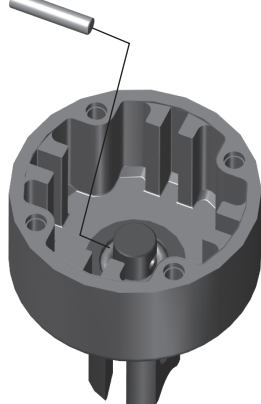
Euro Kit - 10,000cst #5455

:: Differential Build (Center) - Bag 1.1, 1.2 - Step 5



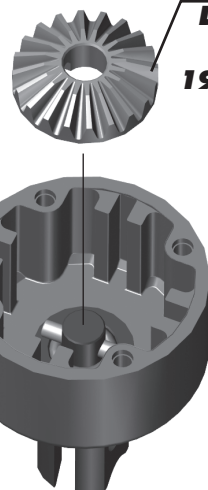
EURO KIT
81380
Diff Planet
Gear Set,
HTC

81681
Pin
2.5x12mm



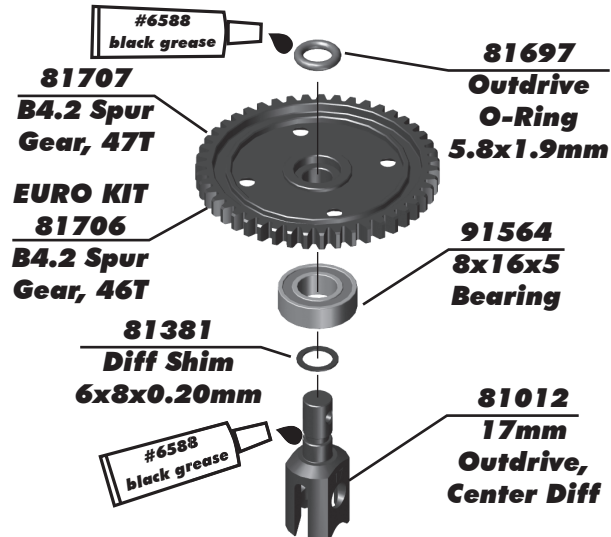
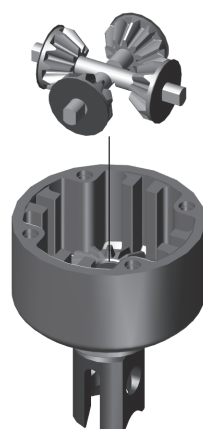
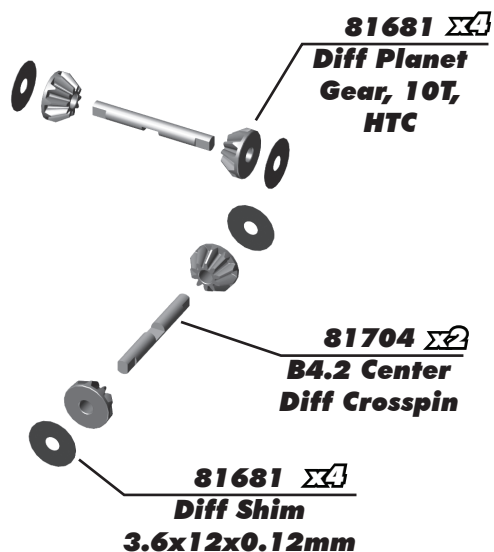
EURO KIT
81380
Diff Sun
Gear,
20mm HTC

81681
Diff Sun
Gear,
19mm HTC

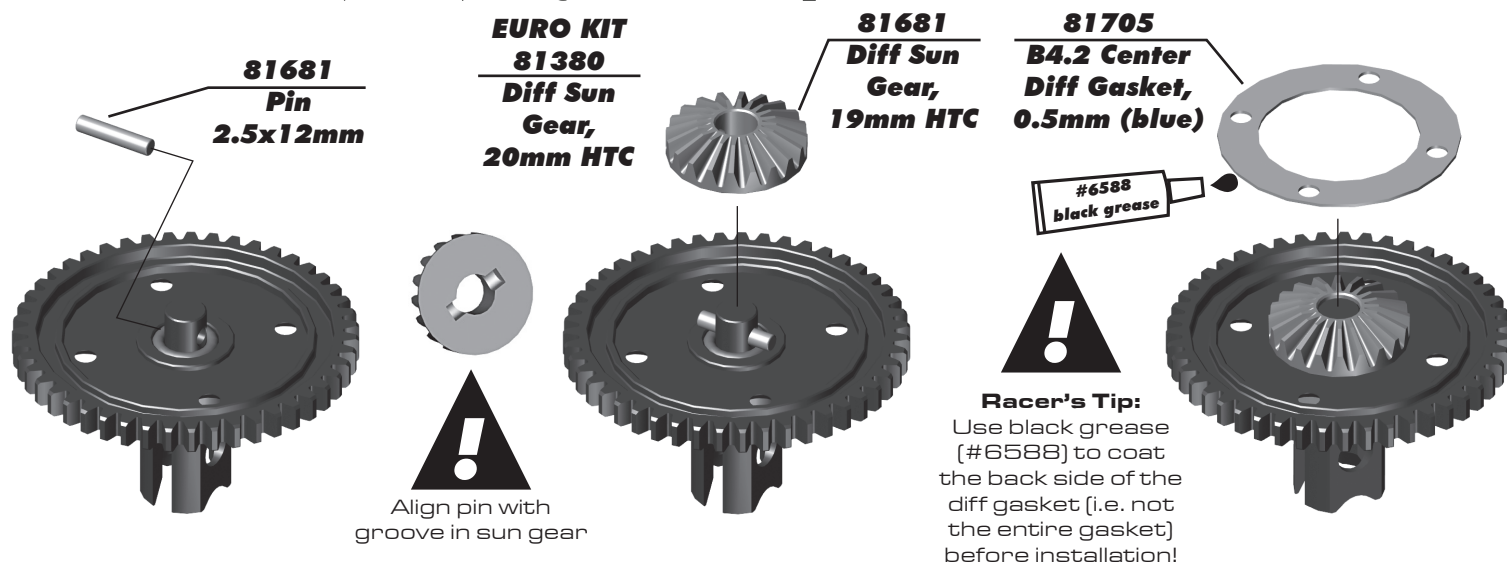


Align pin with
groove in sun gear

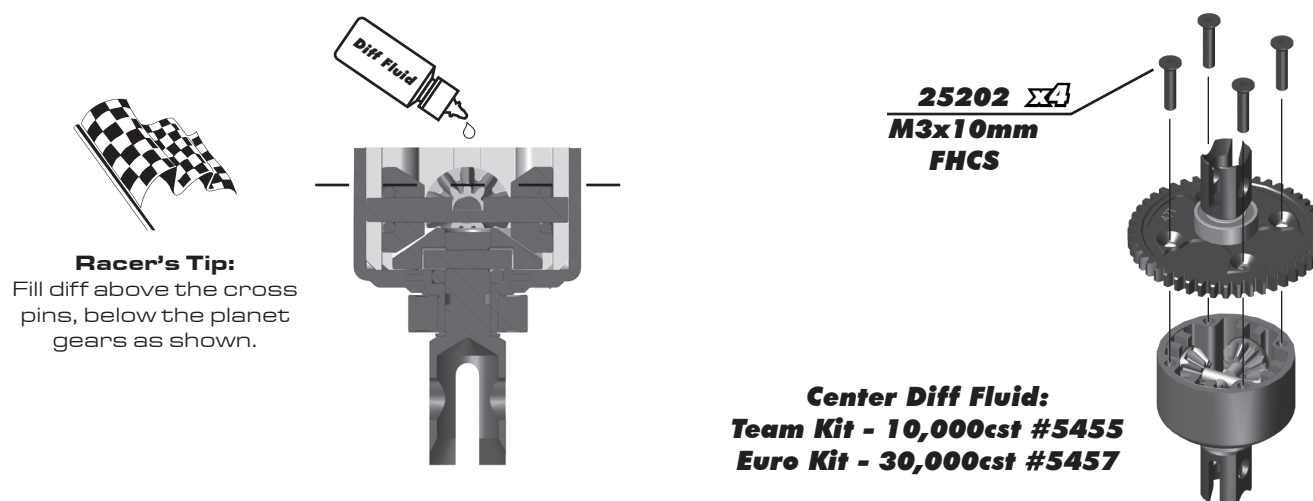
:: Differential Build (Center) - Bag 1.1, 1.2 - Step 6



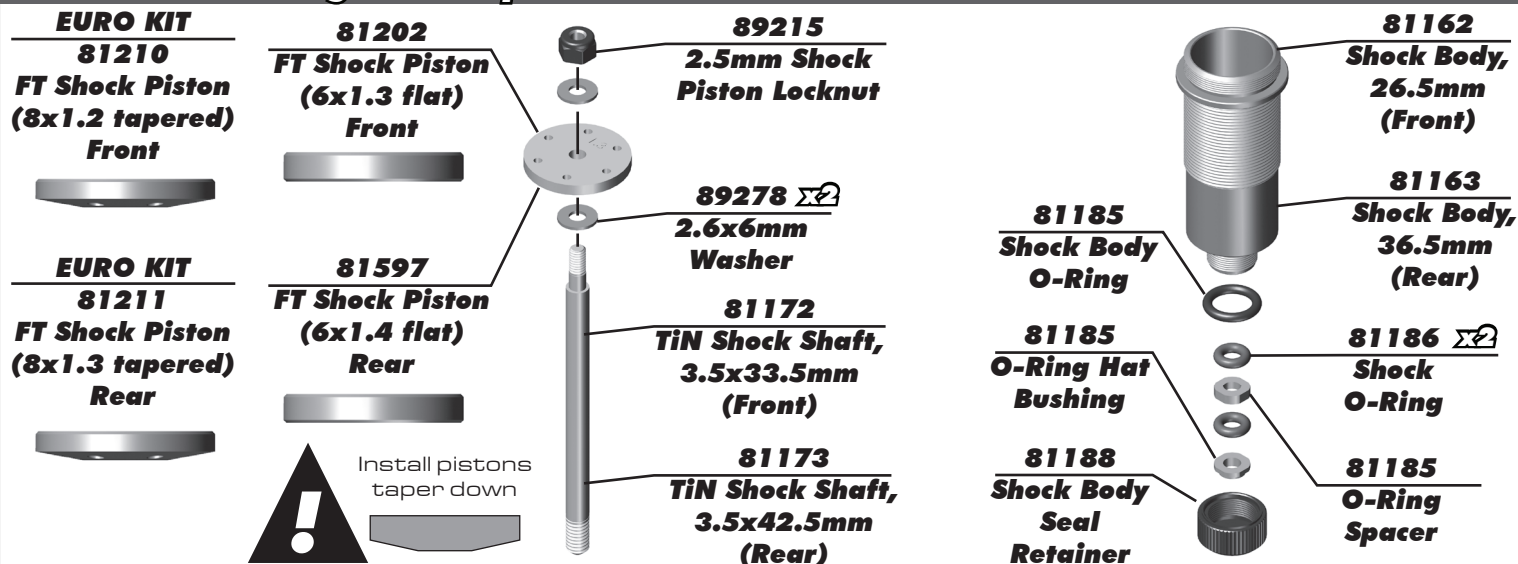
:: Differential Build (Center) - Bag 1.1, 1.2 - Step 7



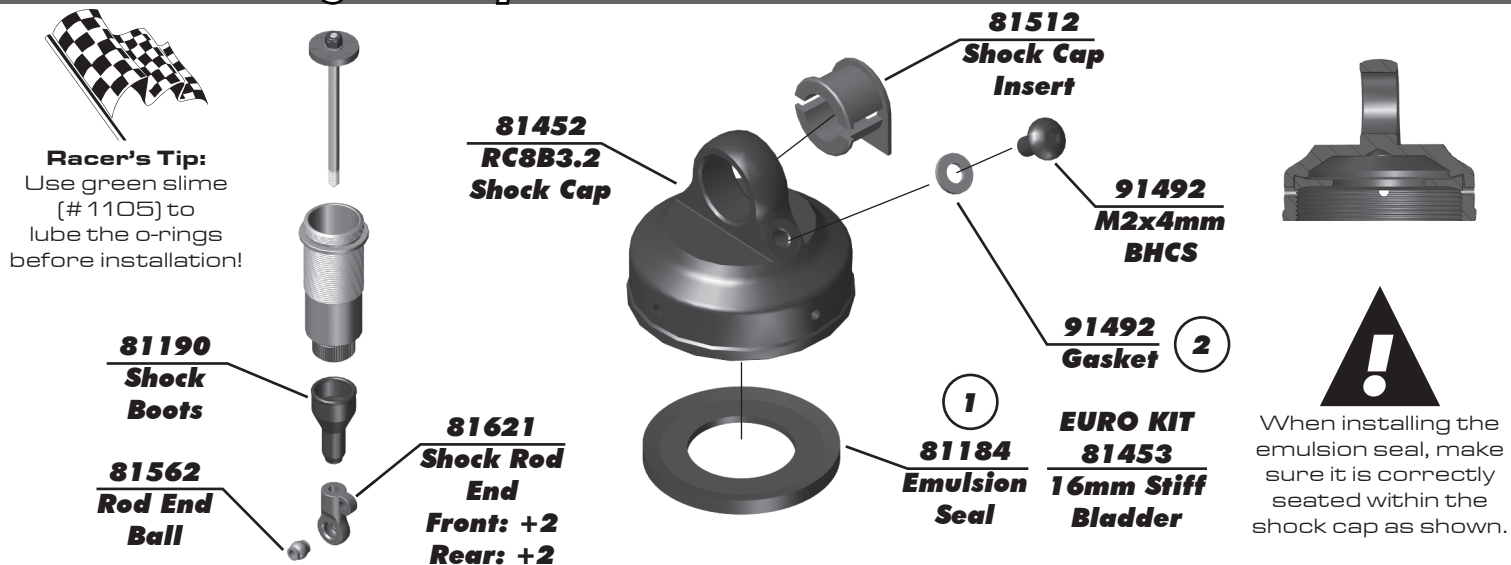
:: Differential Build (Center) - Bag 1.1, 1.2 - Step 8



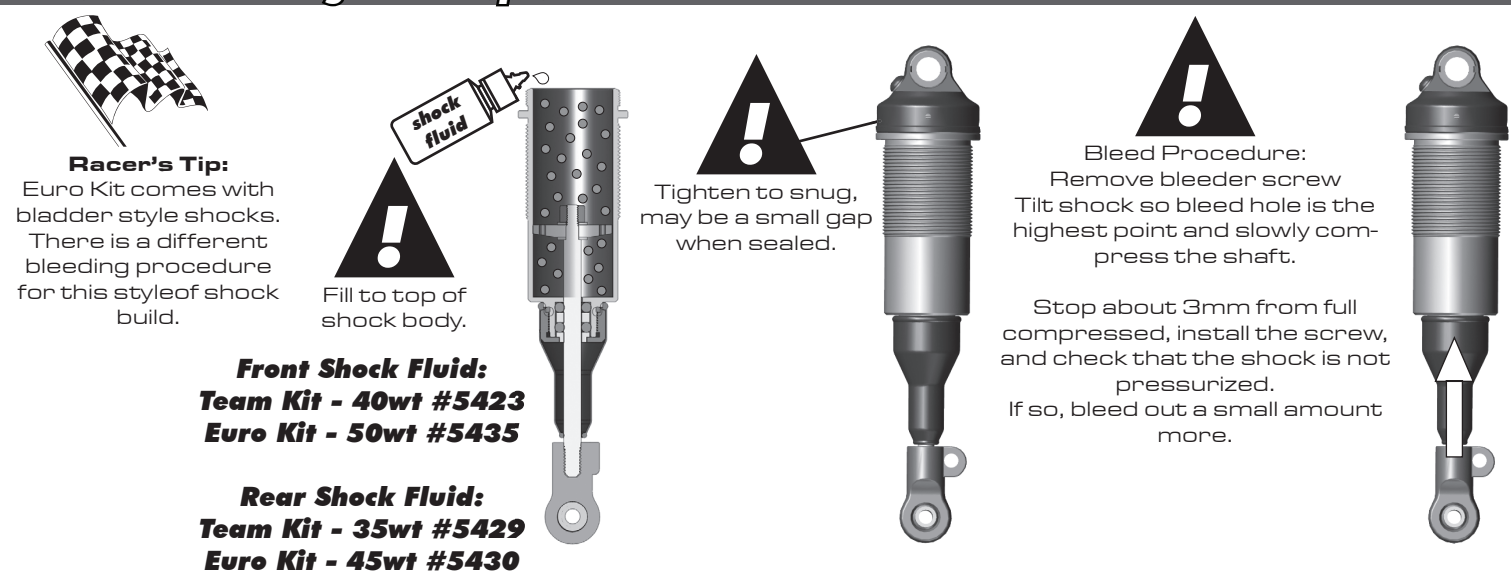
:: Shocks Build - Bag 2.1 - Step 1



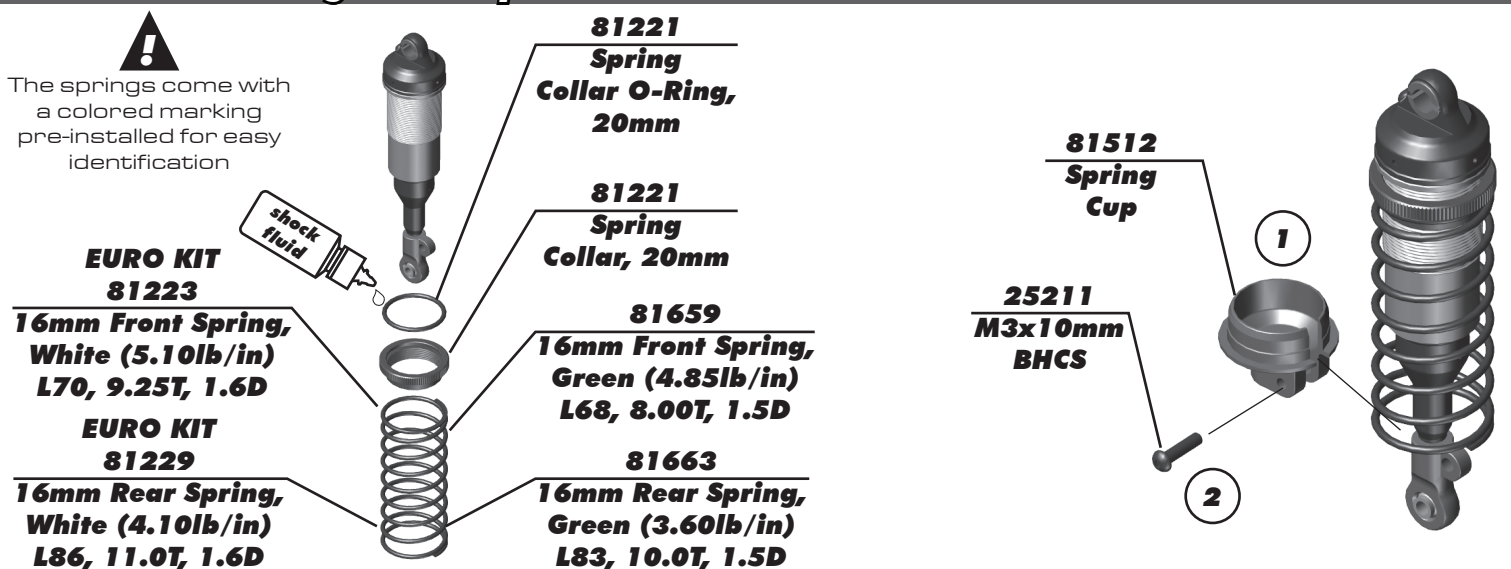
:: Shocks Build - Bag 2.1 - Step 2



:: Shocks Build - Bag 2.1 - Step 3

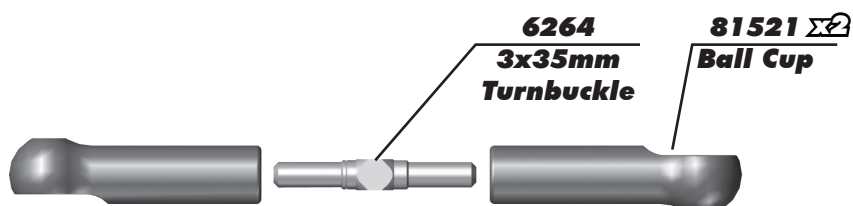


:: Shocks Build - Bag 2.1 - Step 4



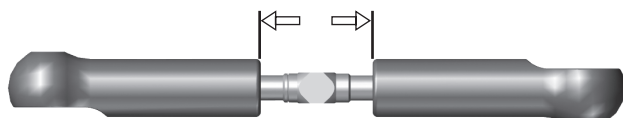
:: Turnbuckles Build - Bag 3.1 - Step 1

Steering Servo Turnbuckle



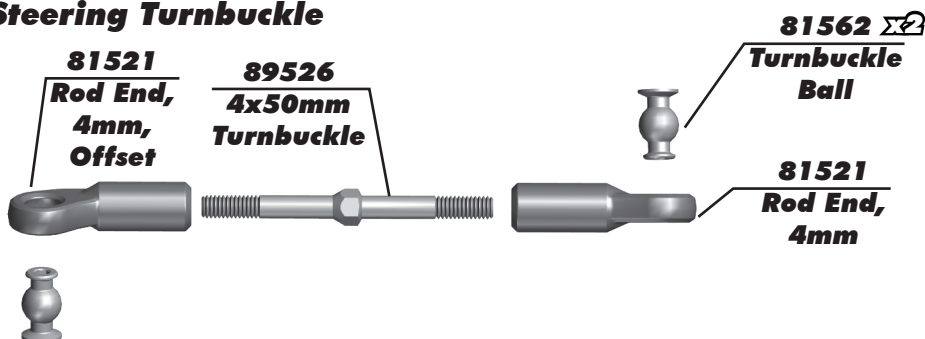
Set aside until page 22

15.00mm (0.59")



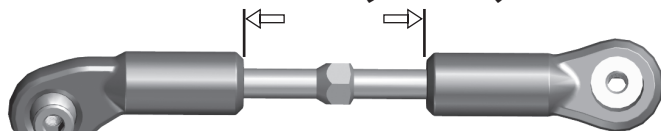
:: Turnbuckles Build - Bag 3.1 - Step 2

Steering Turnbuckle



Note the direction of
turnbuckle ball

24.20mm (0.952")



Left Turnbuckle



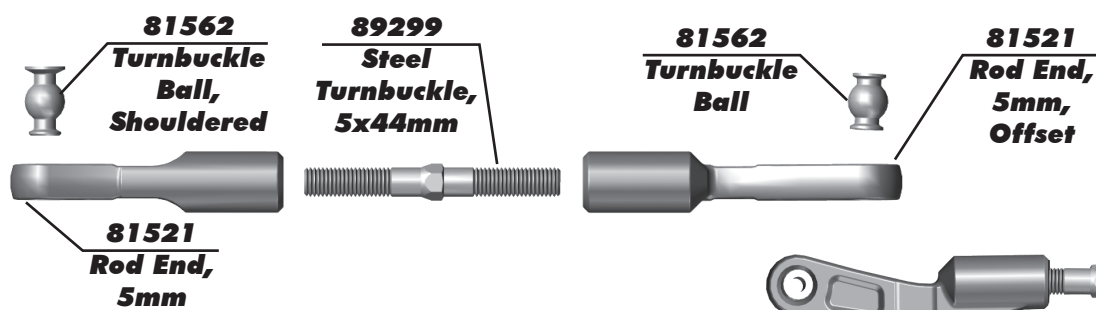
Right Turnbuckle



Set aside until page 15

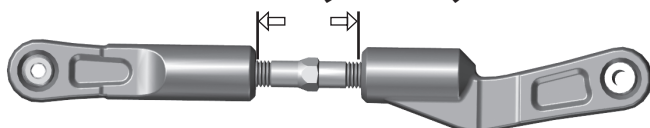
:: Turnbuckles Build - Bag 3.1 - Step 3

Rear Hub Turnbuckle

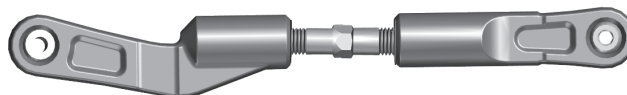


Set aside until page 19

13.70mm (0.539")

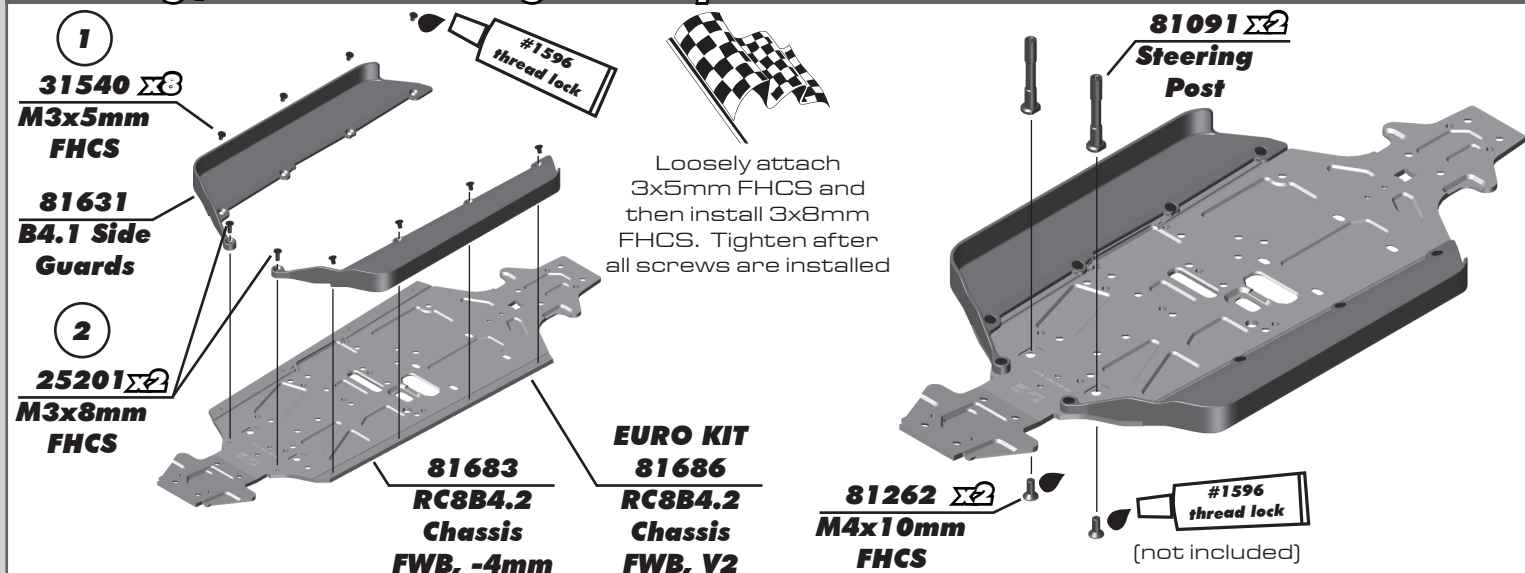


Left Turnbuckle

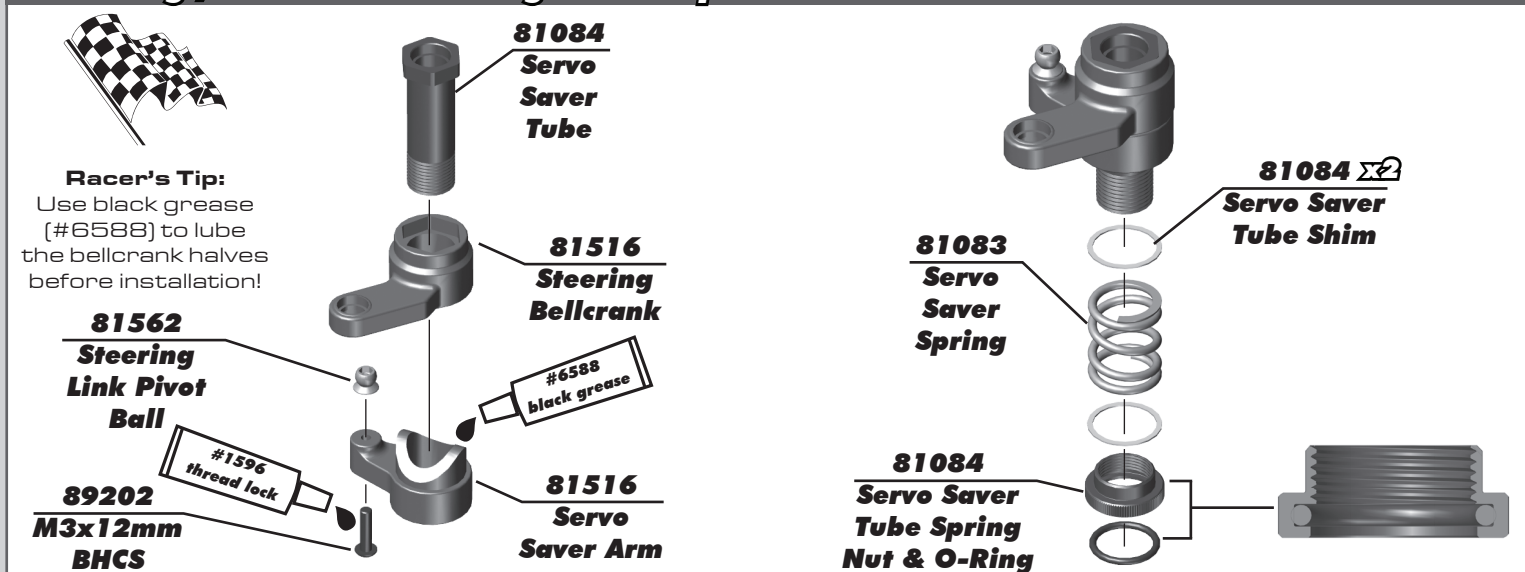


Right Turnbuckle

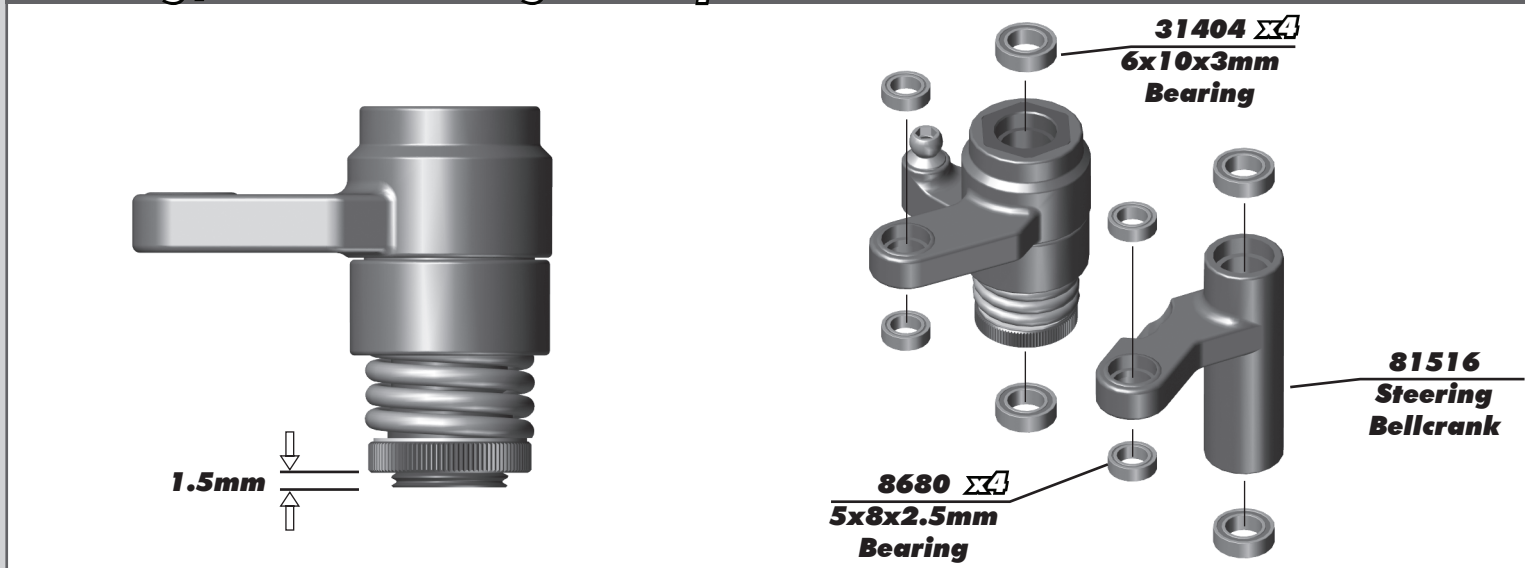
:: Steering / Chassis Build - Bag 4.1 - Step 1



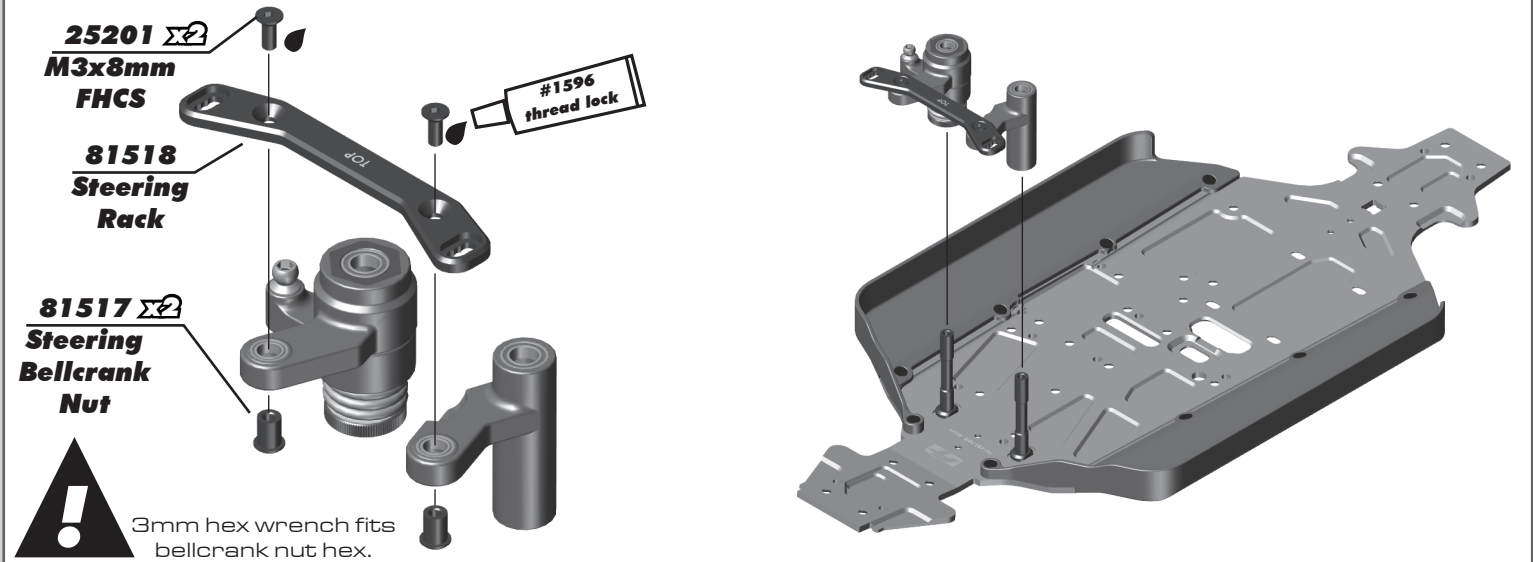
:: Steering / Chassis Build - Bag 4.1 - Step 2



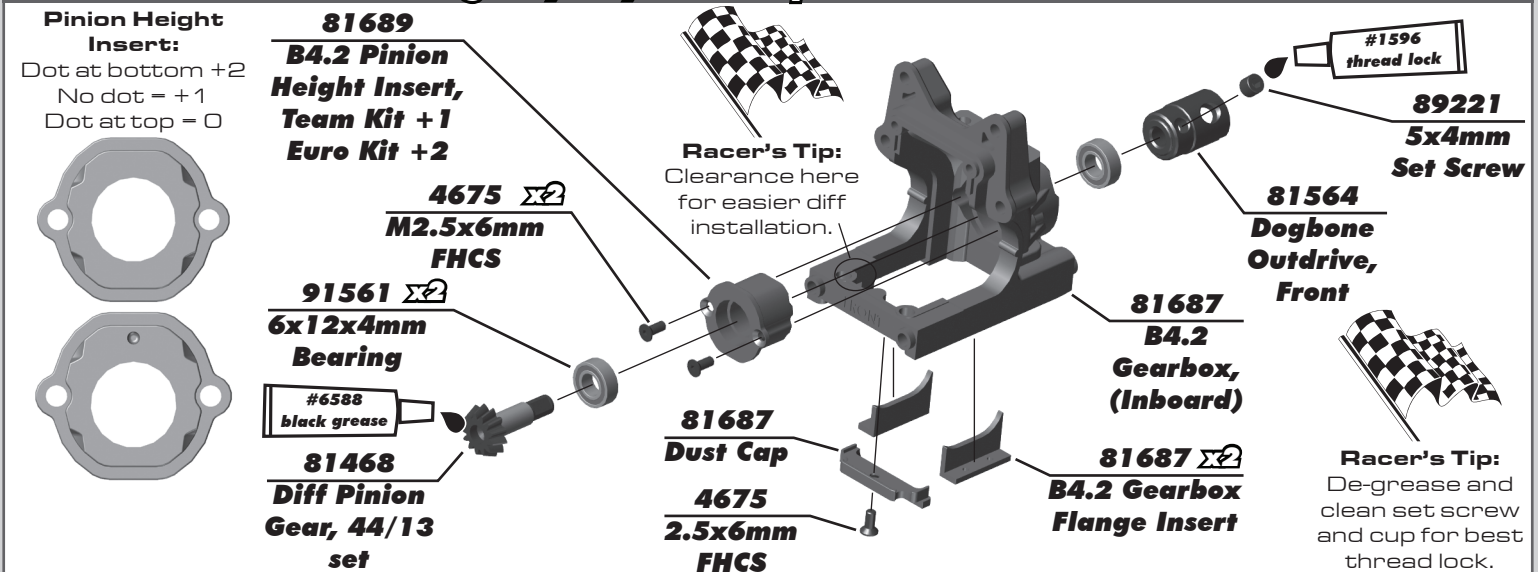
:: Steering / Chassis Build - Bag 4.1 - Step 3



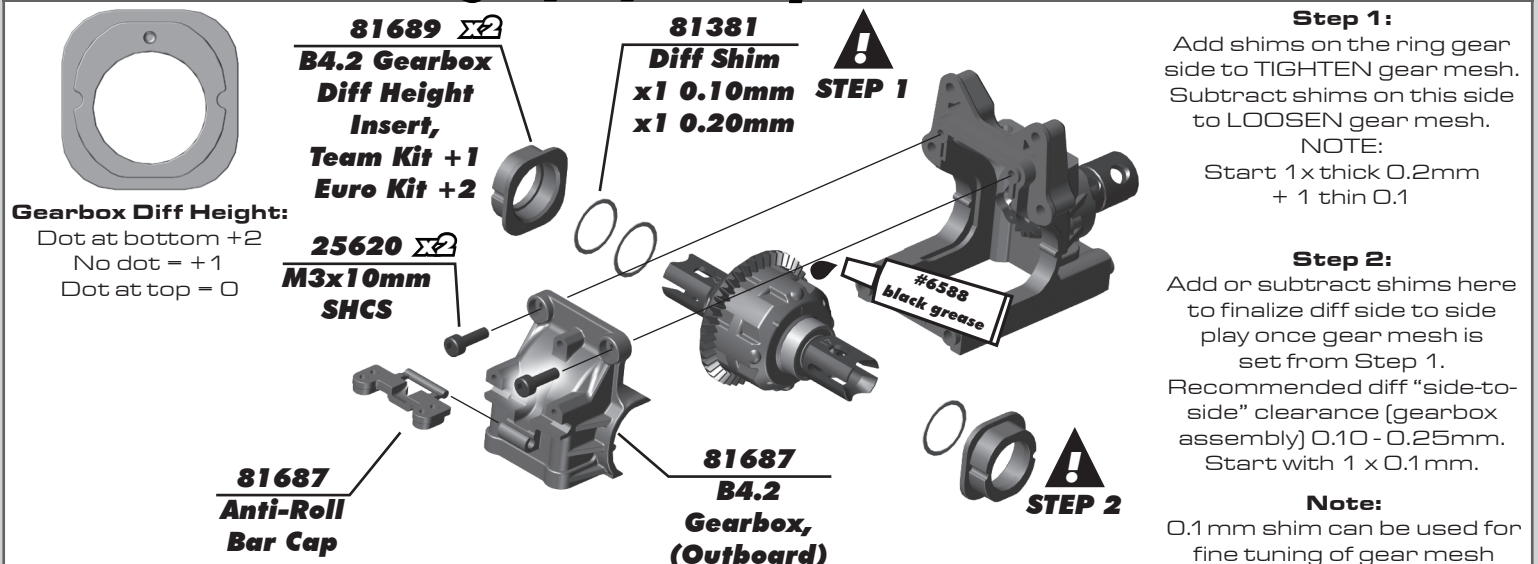
:: Steering / Chassis Build - Bag 4.1 - Step 4



:: Front Gearbox Build - Bag 5.1, 5.2, 5.3 - Step 1



:: Front Gearbox Build - Bag 5.1, 5.2, 5.3 - Step 2



:: Front Gearbox Build - Bag 5.1, 5.2, 5.3 - Step 3

Kit Setup:



81520 $\Sigma 2$
**Arm Mount
Insert, Center**

81567
**Arm Mount
B**

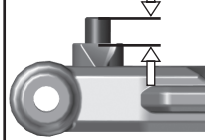
81260 $\Sigma 2$
**M4x14mm
BHCS**

81566
**Arm Mount
A**

81260 $\Sigma 2$
**M4x14mm
BHCS**

Droop Screw:

Kit Setup:
1.5mm



Start here,
adjust to
102mm
shock length.

Build left and right side!

81446 $\Sigma 2$
**Suspension
Arm Shim**

81641 $\Sigma 2$
**B4.1 Hinge
Pin, 66.3mm**

89317
**Droop
Screw**

81636
**Front Lower
Arm, Soft**

:: Front Gearbox Build - Bag 5.1, 5.2, 5.3 - Step 4

81512 $\Sigma 2$
**Anti-Roll
Bar Link**

81585
**Anti-Roll
Bar Pivot**

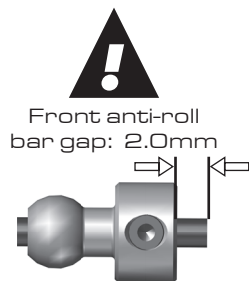
81562
**Rod End
Ball**

Note direction

89203 $\Sigma 2$
**M3x16mm
BHCS**

:: Front Gearbox Build - Bag 5.1, 5.2, 5.3 - Step 5

Center the anti-roll bar collet on the anti-roll bar; then tighten the 3x3mm set screw.



Front anti-roll
bar gap: 2.0mm

81129
**(Front) Anti-Roll Bar,
Team Kit - 2.1mm
Euro Kit - 2.2mm**

81585
**Anti-Roll
Bar
Collet**

25225
**3x3mm
Set Screw**

Note direction

Center!

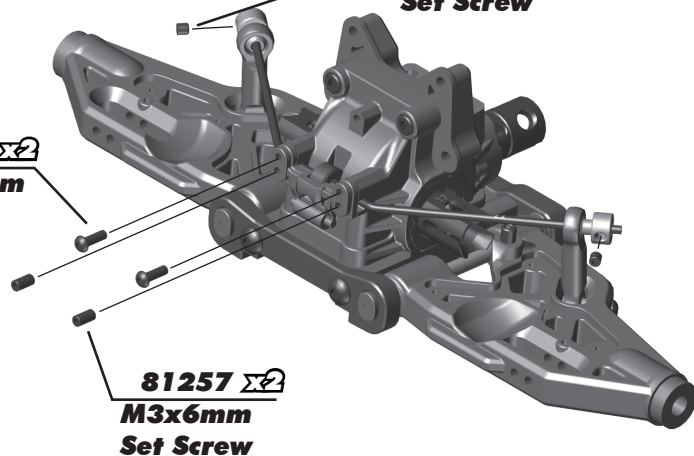
:: Front Gearbox Build - Bag 5.1, 5.2, 5.3 - Step 6



Tighten 3x6mm set screws just enough to still allow the anti-roll bar to move freely.

31521 $\Sigma 2$
M2.5x8mm
BHCS

25225 $\Sigma 2$
M3x3mm
Set Screw



81257 $\Sigma 2$
M3x6mm
Set Screw

89214
M4x12mm
FHCS

81524
Body Post,
Front

81522
Top Plate

89216
M4
Locknut

31532
M3x8mm
BHCS

81702
B4.2 Chassis
Brace, Front,
Long

:: Front Gearbox Build - Bag 5.1, 5.2, 5.3 - Step 7

Kit Setup:

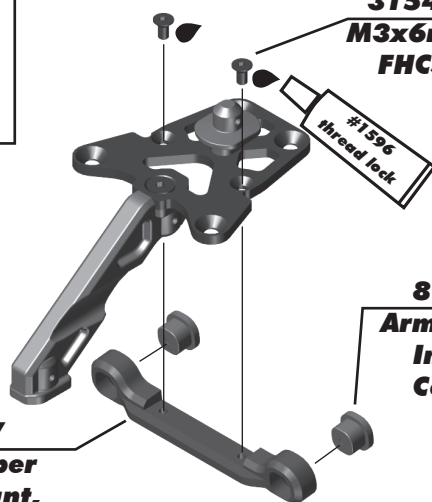


31541 $\Sigma 2$
M3x6mm
FHCS

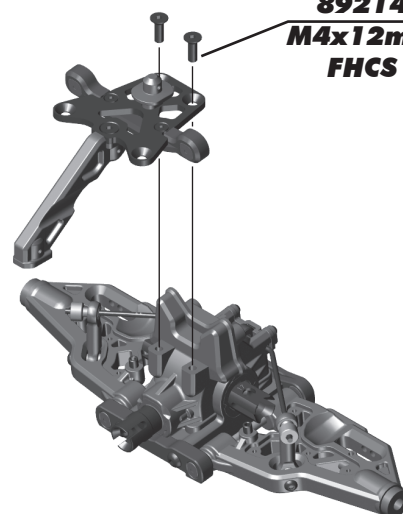
#1596
thread lock

81520 $\Sigma 2$
Arm Mount
Insert,
Center

81647
B4.1 Upper
Link Mount,
Angled



89214 $\Sigma 2$
M4x12mm
FHCS



:: Front Gearbox Build - Bag 5.1, 5.2, 5.3 - Step 8

Kit Setup:



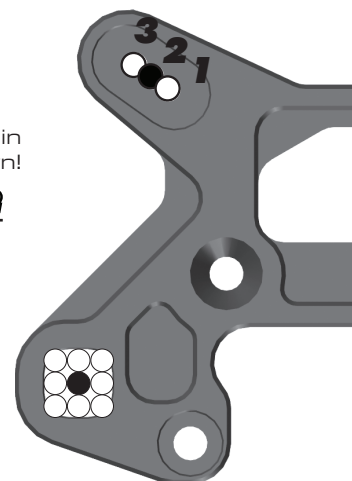
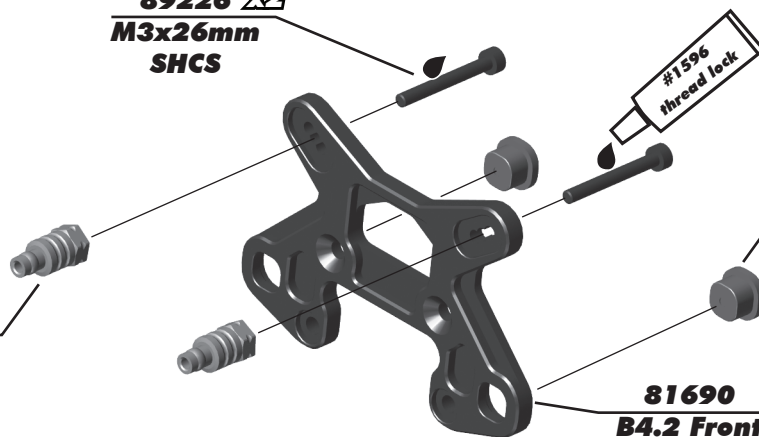
89226 $\Sigma 2$
M3x26mm
SHCS

81591 $\Sigma 2$
FT Shock
Bushing,
14mm

81690
B4.2 Front
Shock Tower,
8deg KPI

81520 $\Sigma 2$
Arm Mount
Insert,
Side

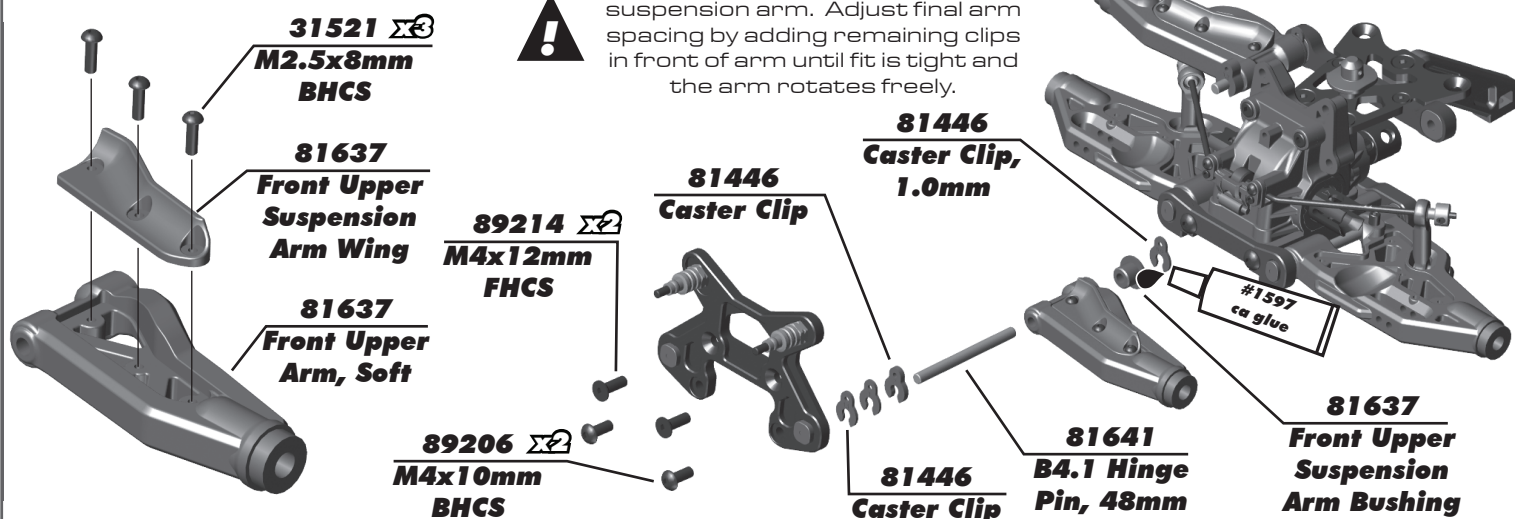
Install arm
mount inserts in
direction shown!



:: Front Gearbox Build - Bag 5.1, 5.2, 5.3 - Step 9

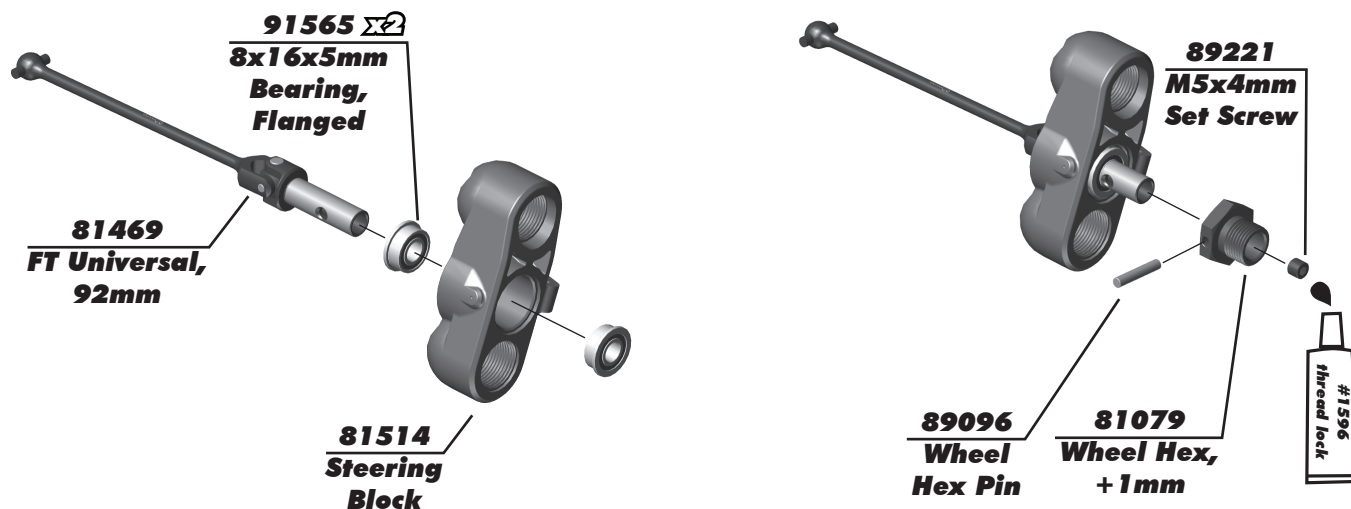
Build left and right side!

Add 1.0mm caster clip behind suspension arm. Adjust final arm spacing by adding remaining clips in front of arm until fit is tight and the arm rotates freely.



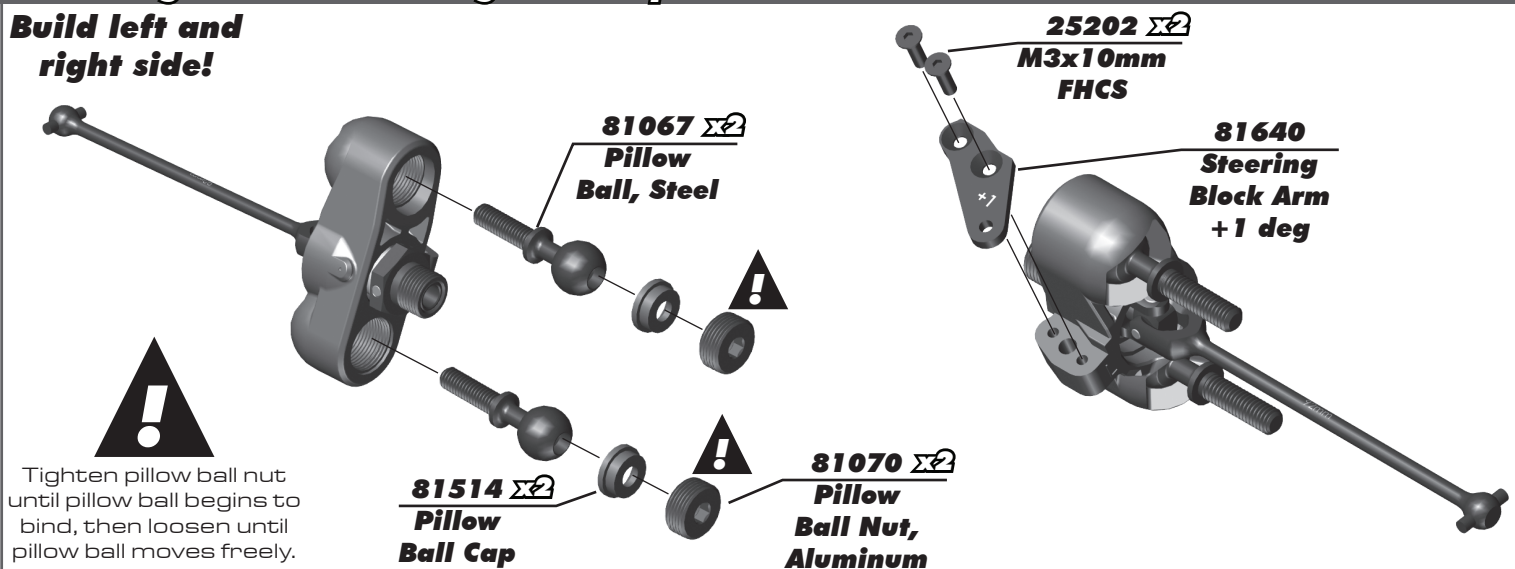
:: Steering Blocks Build - Bag 6.1 - Step 1

Build left and right side!

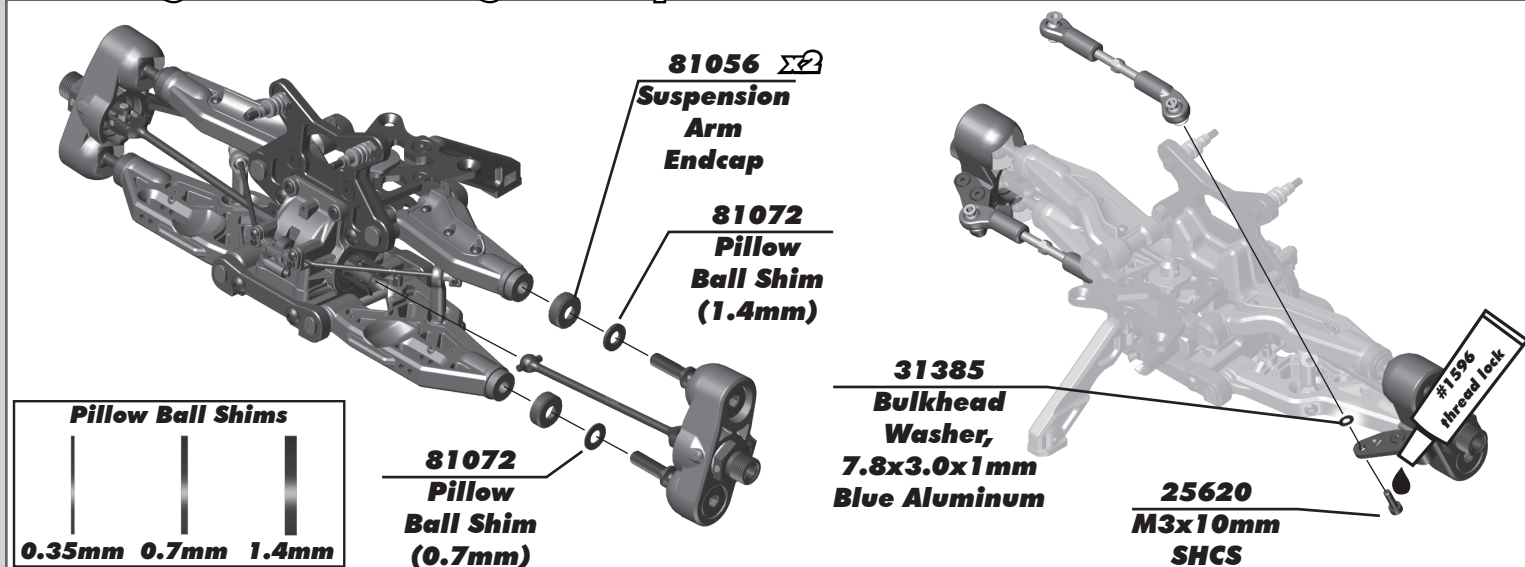


:: Steering Blocks Build - Bag 6.1 - Step 2

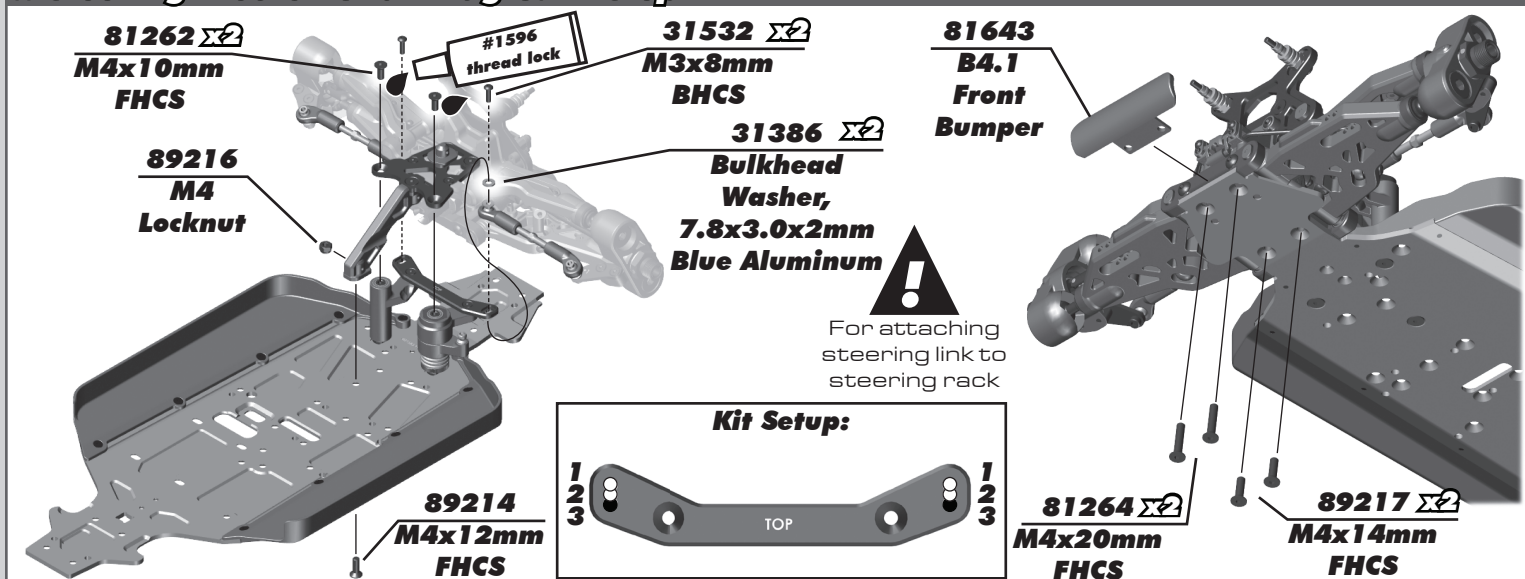
Build left and right side!



:: Steering Blocks Build - Bag 6.1 - Step 3



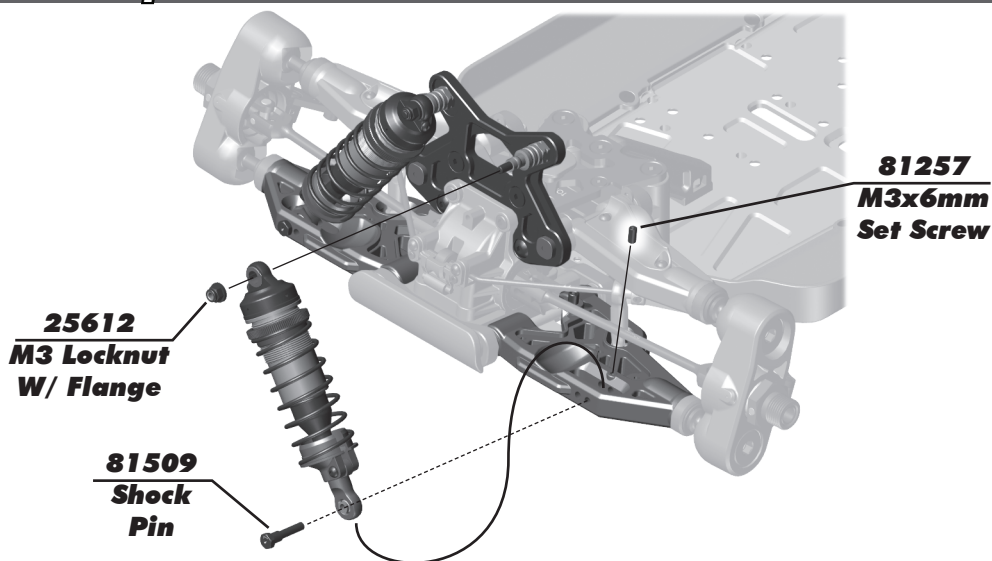
:: Steering Blocks Build - Bag 6.1 - Step 4



:: Steering Blocks Build - Bag 6.1 - Step 5

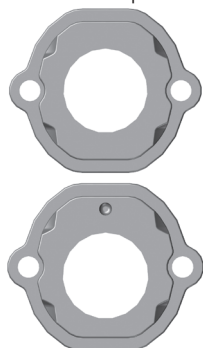
Kit Setup:

Mount the front shock in the outside hole on the front arm.



:: Rear End Build - Bag 7.1, 7.2, 7.3 - Step 1

Pinion Height Insert:
 Dot at bottom +2
 No dot = +1
 Dot at top = 0



81689
B4.2 Pinion Height Insert, Team Kit 0 Euro Kit +1

4675
M2.5x6mm FHCS

#6588
black grease

81468
Diff Pinion Gear, 44/13 set

Racer's Tip:
 Clearance here for easier diff installation.

81688
Dust Cap
4675
M2.5x6mm FHCS

81688
B4.2 Gearbox, (Inboard)

81688
B4.2 Gearbox Flange Insert

91561
6x12x4mm Bearing

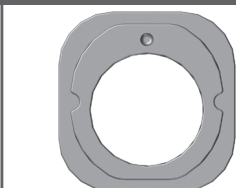
81565
Dogbone Outdrive, Rear

#1596
thread lock

89221
M5x4mm Set Screw

Racer's Tip:
 De-grease and clean set screw and cup for best thread lock.

:: Rear End Build - Bag 7.1, 7.2, 7.3 - Step 2



Gearbox Diff Height:
 Dot at bottom +2
 No dot = +1
 Dot at top = 0

81689
B4.2 Gearbox Diff Height Insert, Team Kit 0 Euro Kit +1

25620
M3x10mm SHCS

81688
Anti-Roll Bar Cap

81381
Diff Shim
x1 0.10mm
x1 0.20mm

STEP 1

#6588
black grease

81688
B4.2 Gearbox, (Outboard)

STEP 2

Step 1:

Add shims on the ring gear side to TIGHTEN gear mesh. Subtract shims on this side to LOOSEN gear mesh.

NOTE:

Start 1x thick 0.2mm + 1 thin 0.1

Step 2:

Add or subtract shims here to finalize diff side to side play once gear mesh is set from Step 1.

Recommended diff "side-to-side" clearance [gearbox assembly] 0.10 - 0.25mm. Start with 1 x 0.1mm.

Note:

0.1mm shim can be used for fine tuning of gear mesh

:: Rear End Build - Bag 7.1, 7.2, 7.3 - Step 3

Kit Setup:

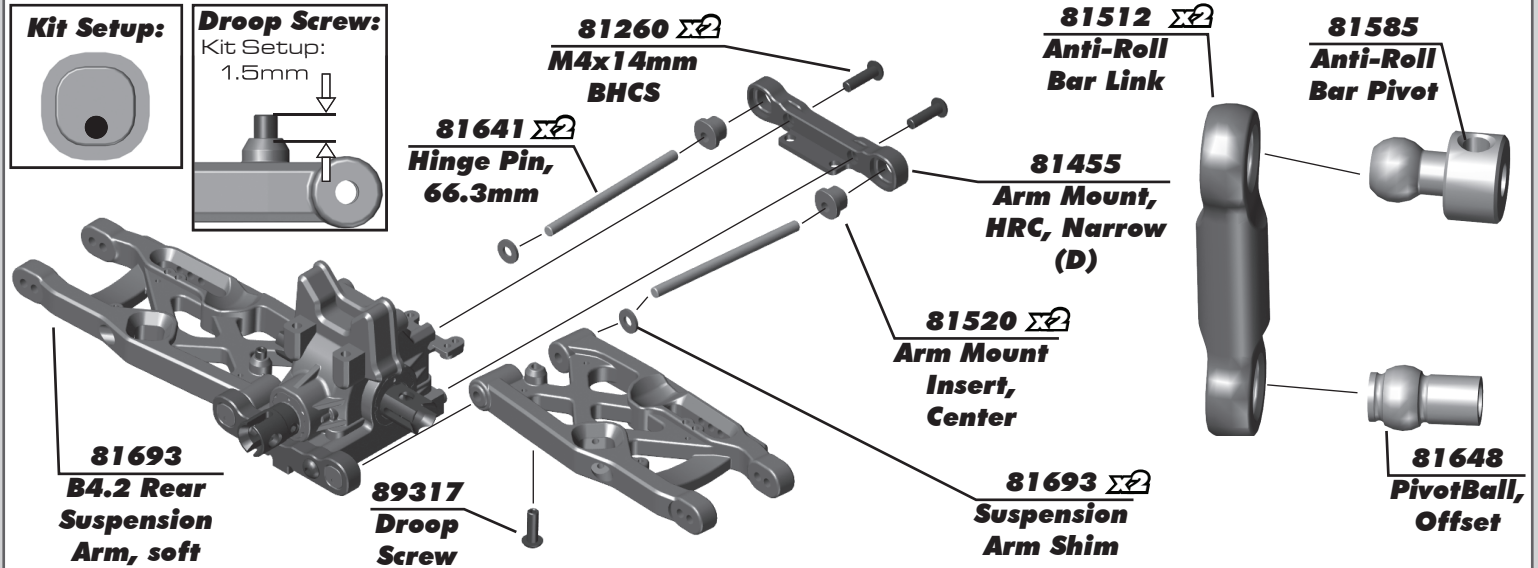


81454
Arm Mount, HRC, Narrow (C)

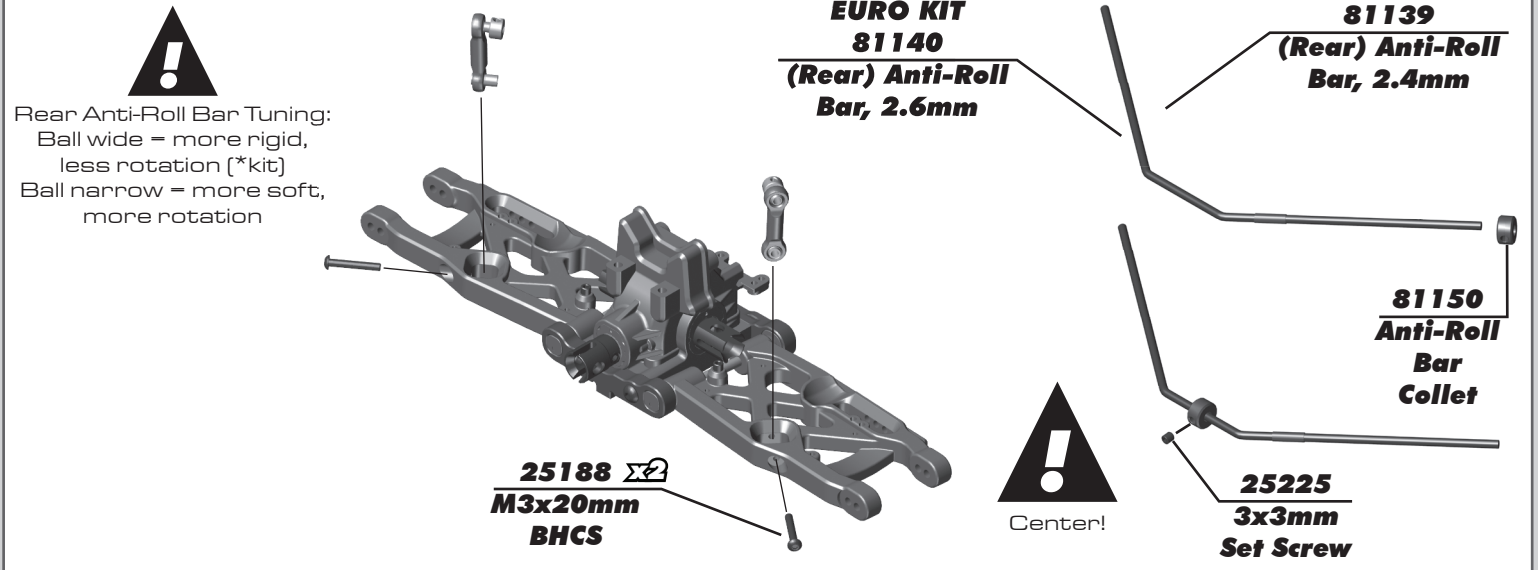
81260
M4x14mm BHCS

81520
Arm Mount Insert, Center

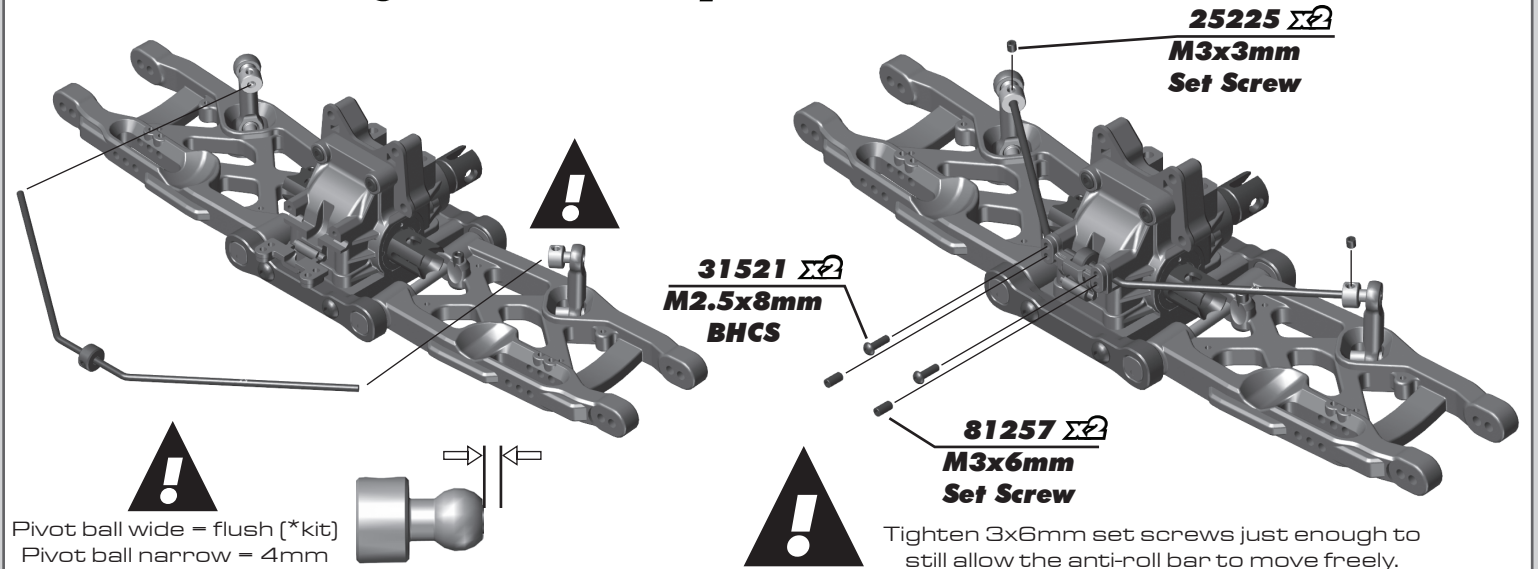
:: Rear End Build - Bag 7.1, 7.2, 7.3 - Step 4



:: Rear End Build - Bag 7.1, 7.2, 7.3 - Step 5

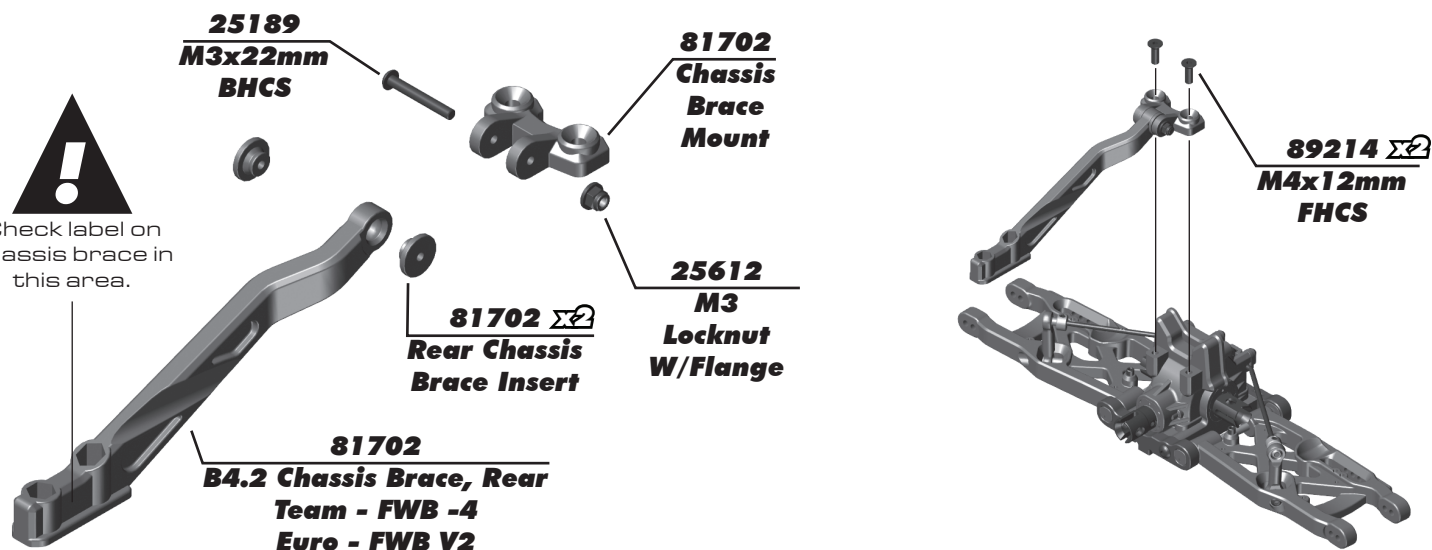


:: Rear End Build - Bag 7.1, 7.2, 7.3 - Step 6



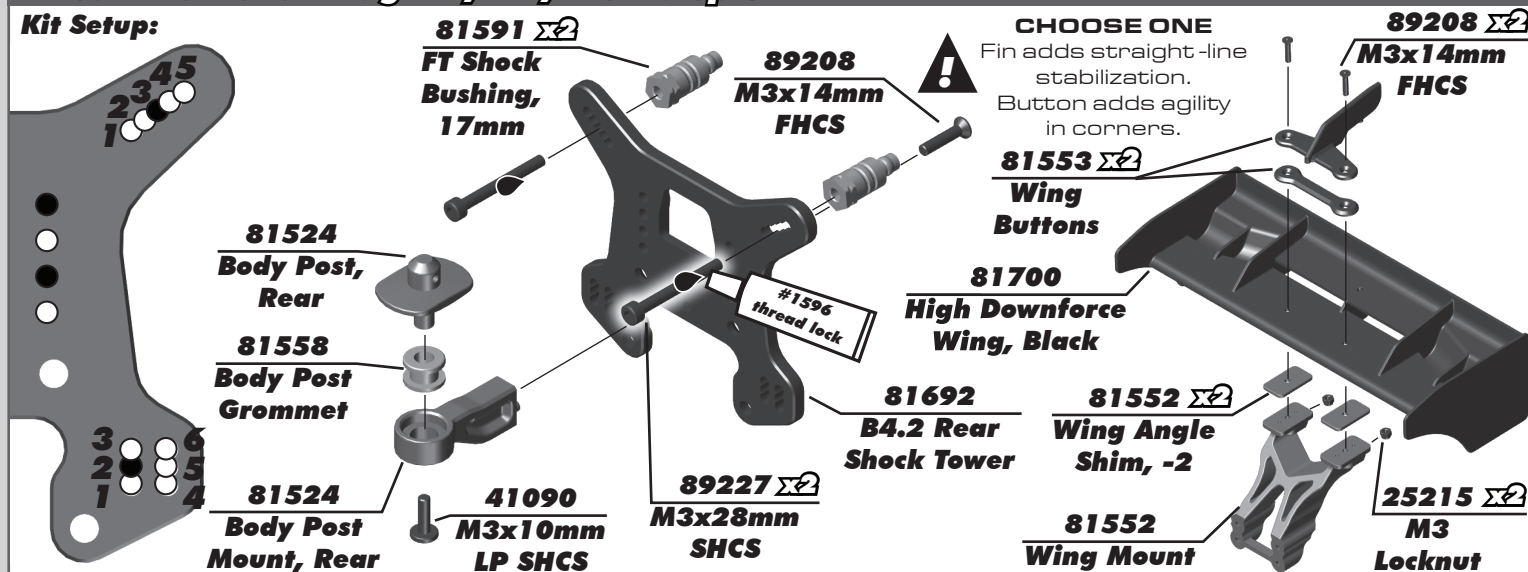
:: Rear End Build - Bag 7.1, 7.2, 7.3 - Step 7

!
Check label on chassis brace in this area.



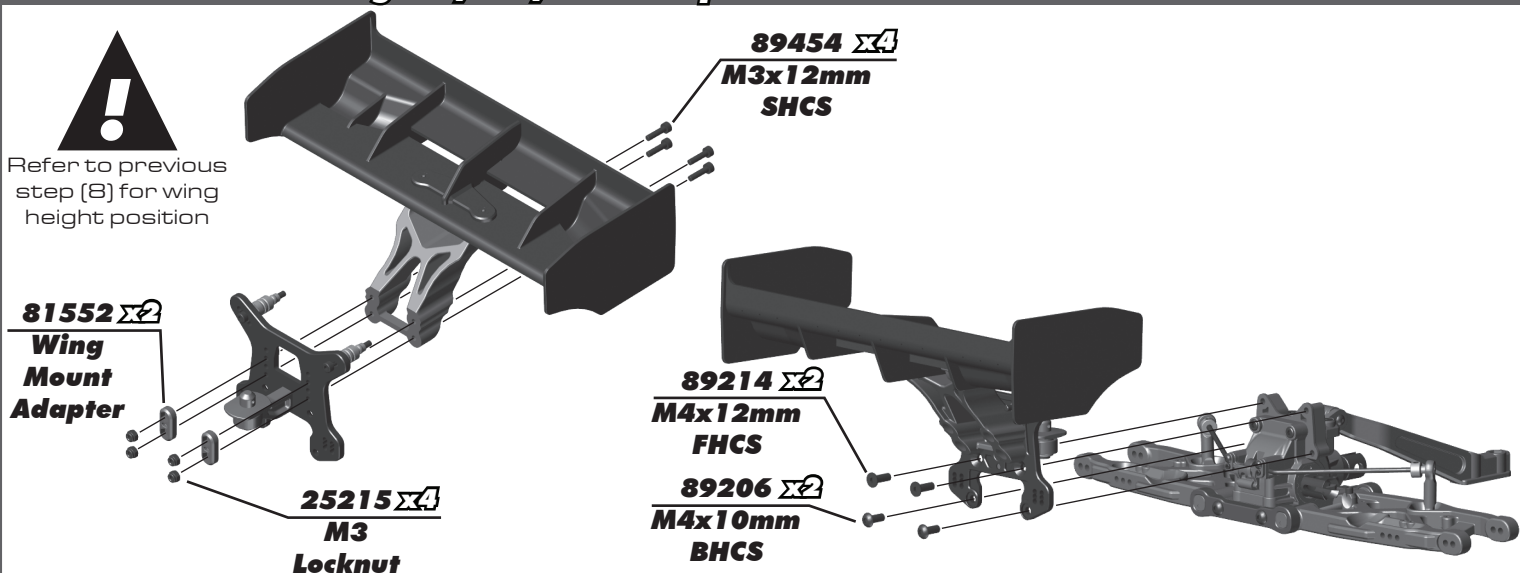
:: Rear End Build - Bag 7.1, 7.2, 7.3 - Step 8

Kit Setup:



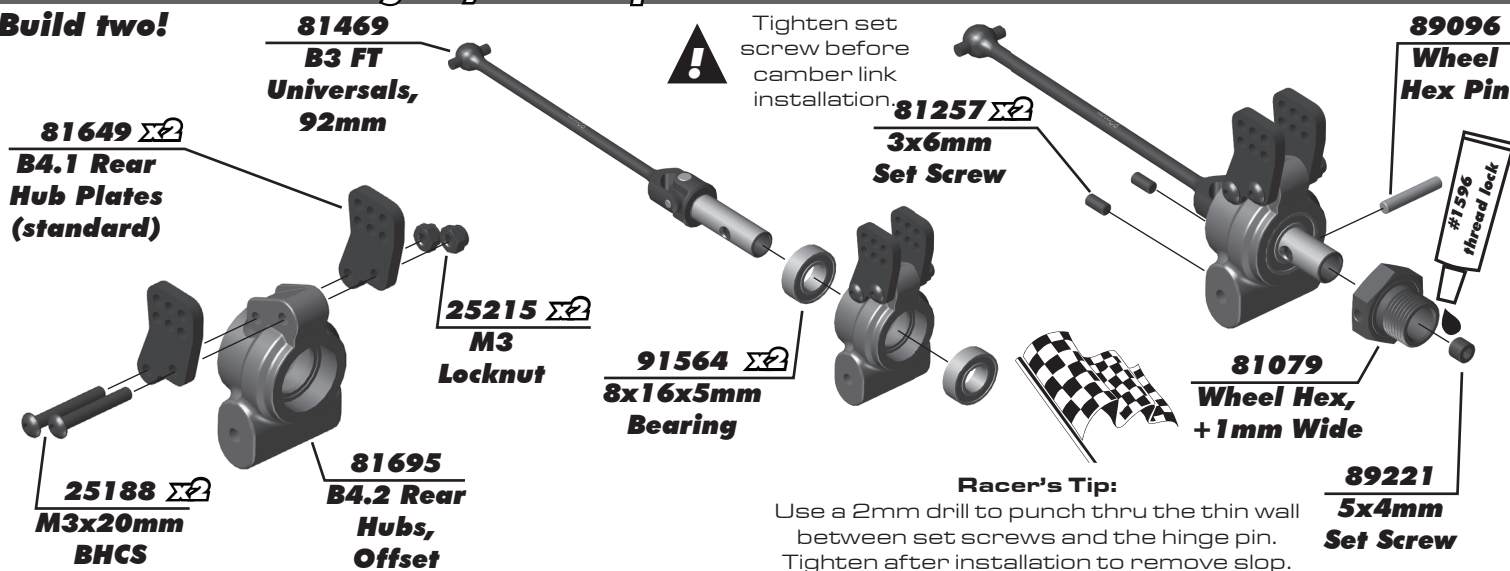
:: Rear End Build - Bag 7.1, 7.2, 7.3 - Step 9

!
Refer to previous step (8) for wing height position



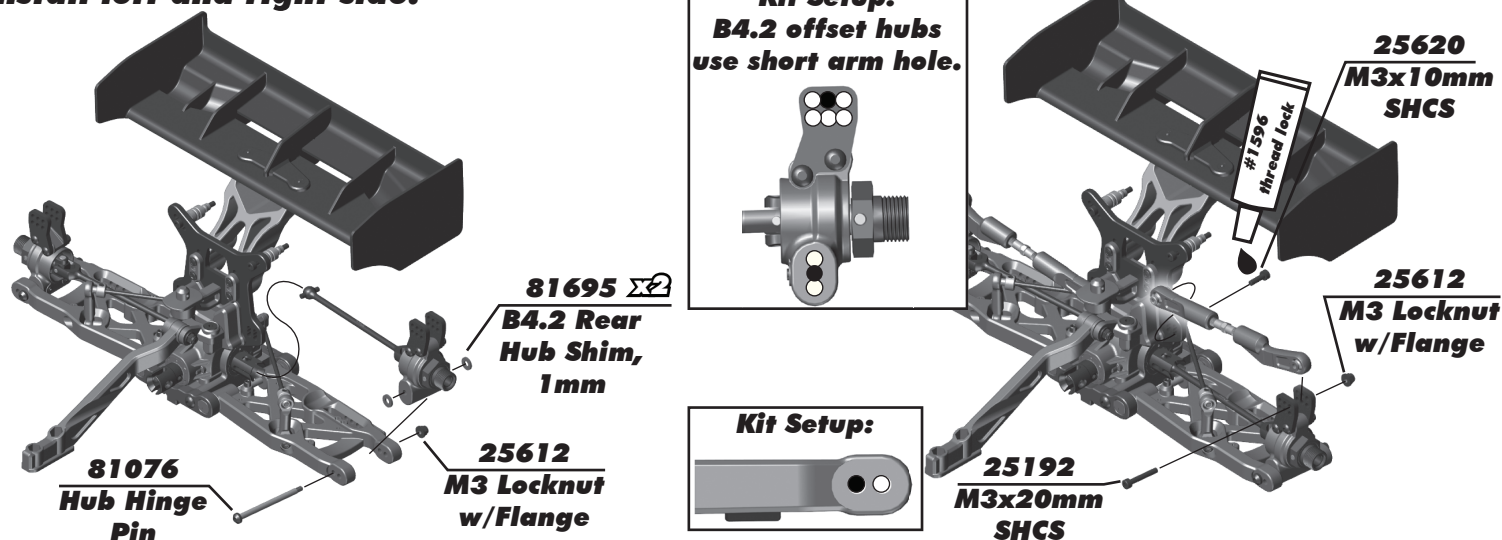
:: Rear Hubs Build - Bag 8.1, 8.2 - Step 1

Build two!



:: Rear Hubs Build - Bag 8.1, 8.2 - Step 2

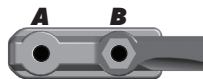
Install left and right side!



:: Rear Hubs Build - Bag 8.1, 8.2 - Step 3

Tuning Tip:

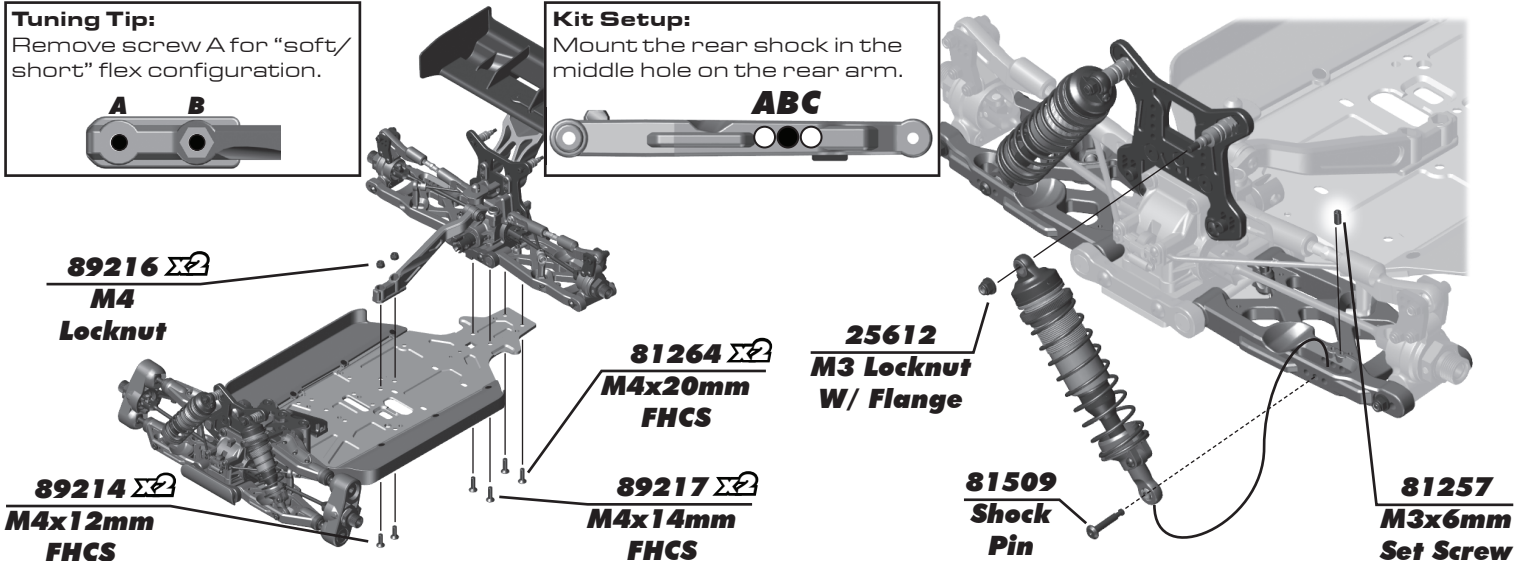
Remove screw A for "soft/short" flex configuration.



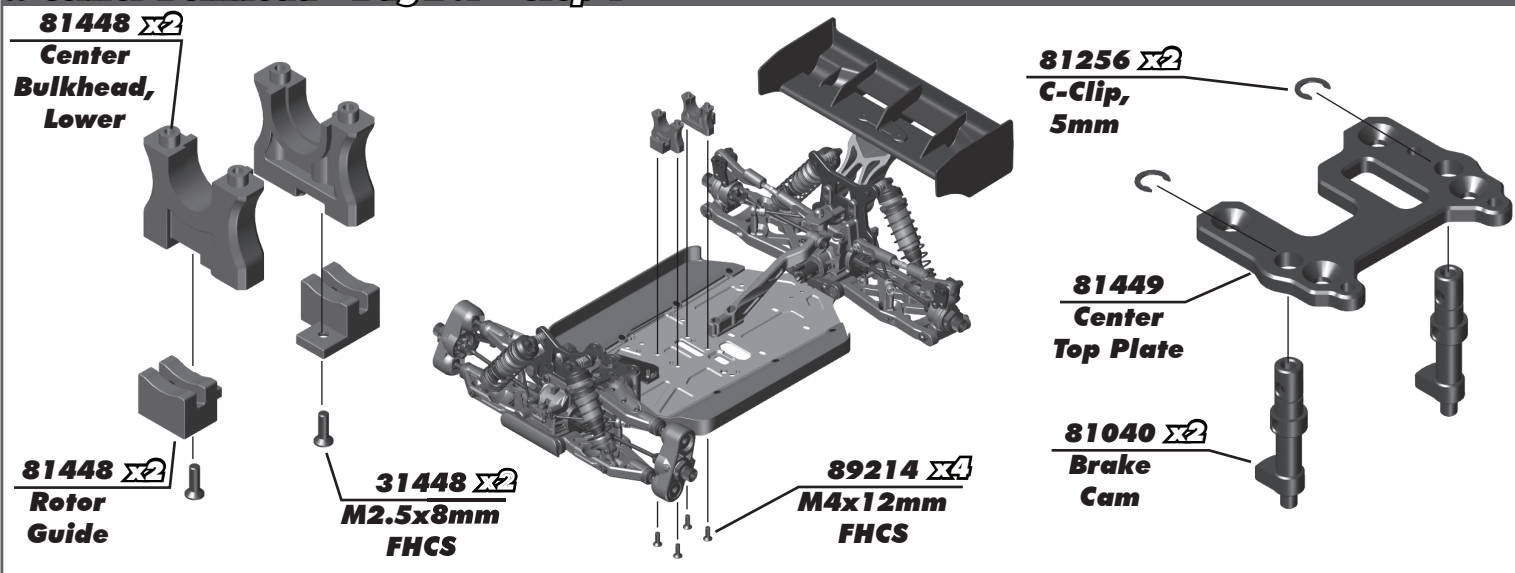
Kit Setup:

Mount the rear shock in the middle hole on the rear arm.

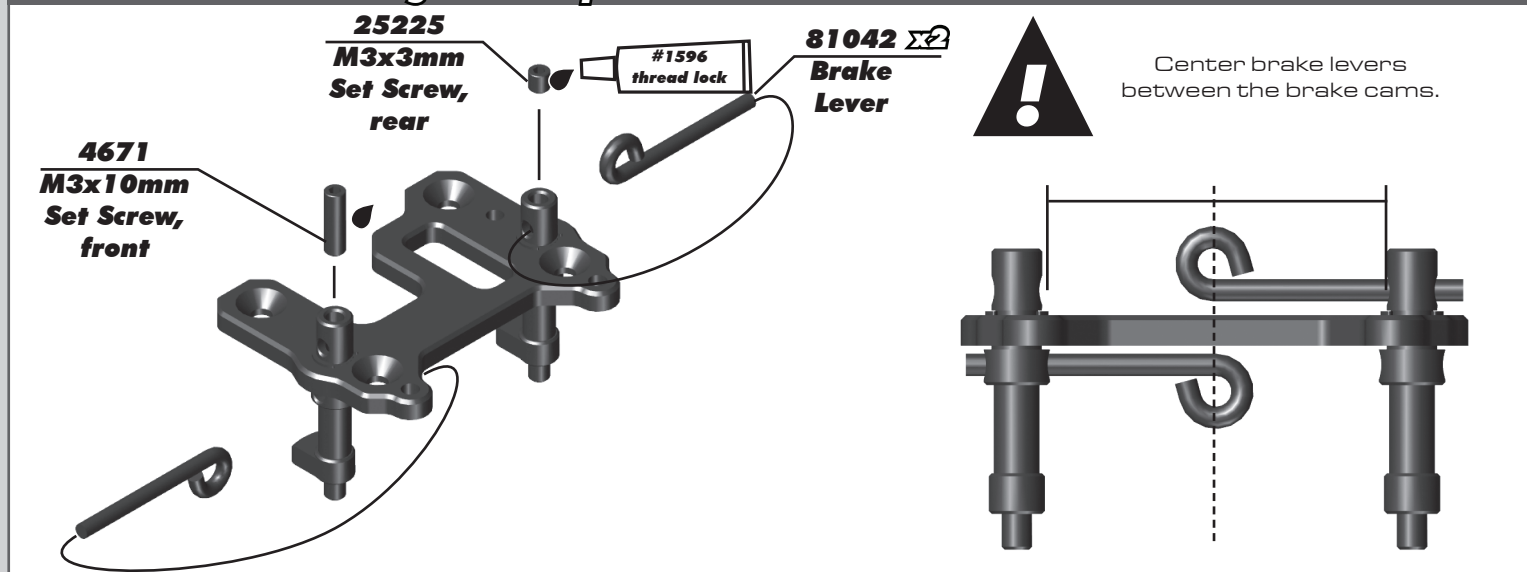
ABC



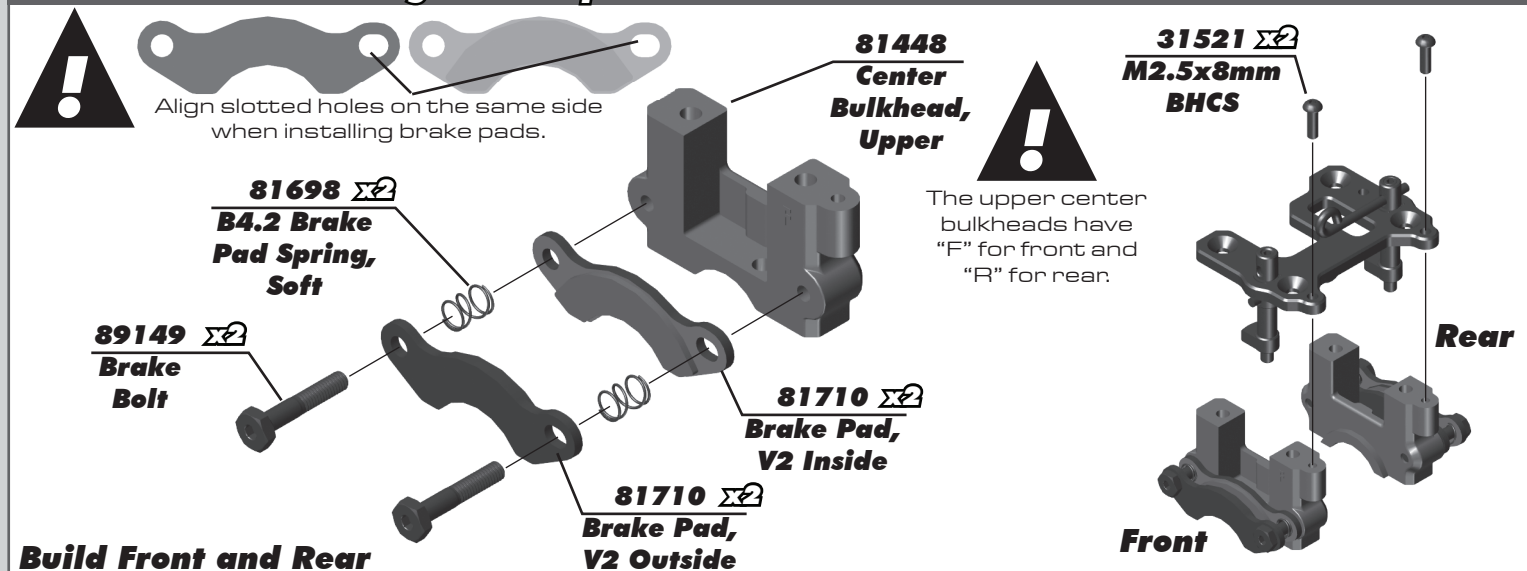
:: Center Bulkhead - Bag 9.1 - Step 1



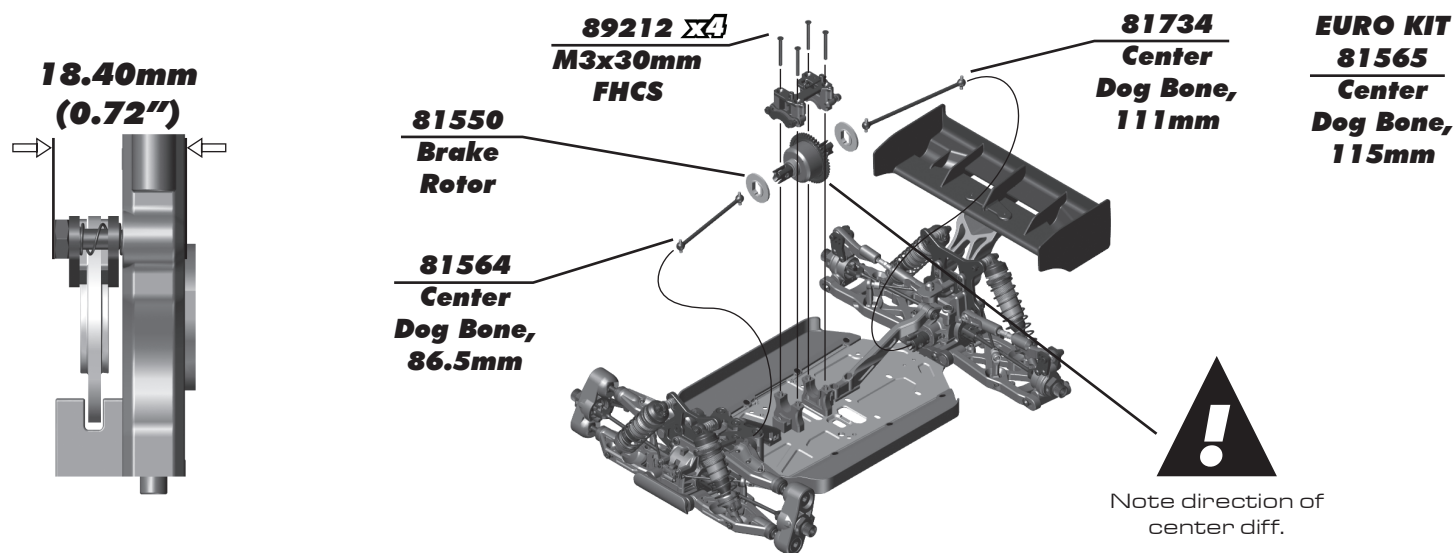
:: Center Bulkhead - Bag 9.1 - Step 2



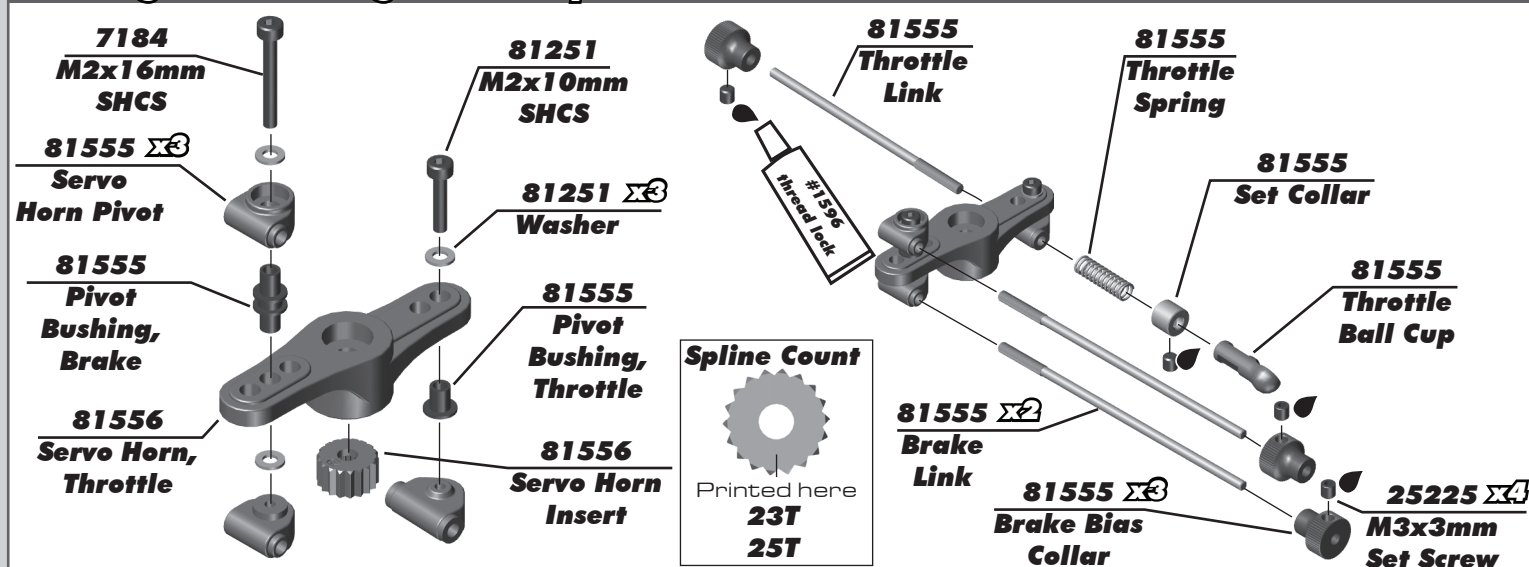
:: Center Bulkhead - Bag 9.1 - Step 3



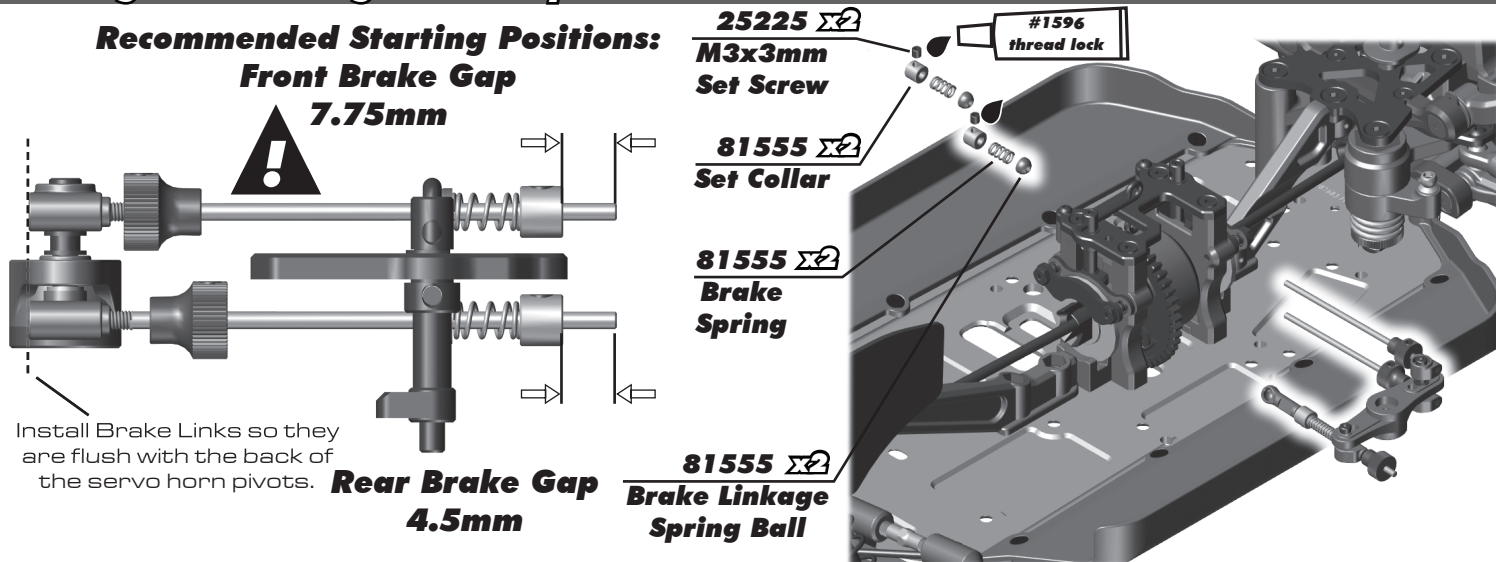
:: Center Bulkhead - Bag 9.1 - Step 4



:: Linkages Build - Bag 10.1 - Step 1



:: Linkages Build - Bag 10.1 - Step 2



:: Linkages Build - Bag 10.1 - Step 3

Spline Count



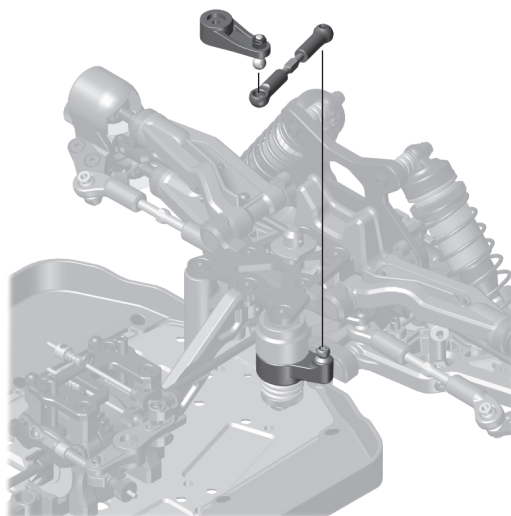
Printed here
23T
25T

81556
Servo Horn
(Steering)

81556
Servo Horn
Insert

25215
M3
Locknut

91048
HD Ball
Stud, 8mm



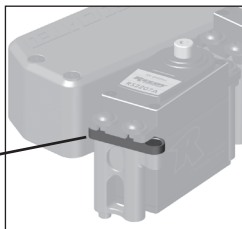
:: Radio Tray Build - Bag 11.1 - Step 1

Radio Tray Configuration:

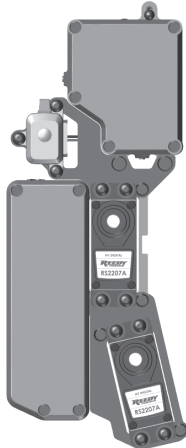
The radio tray on RC8B4 can be configured in four different ways. Each configuration changes the amount and location of flex in the chassis. Experiment with different configurations when running on different surfaces.

When removing either graphite radio tray brace or transponder mount, utilize included plastic shims to maintain proper servo height.

81433
Radio Tray
Spacer

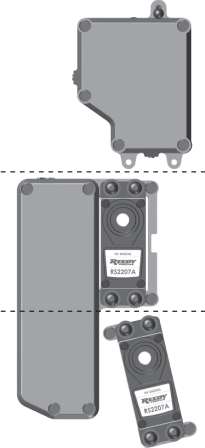


Option 1



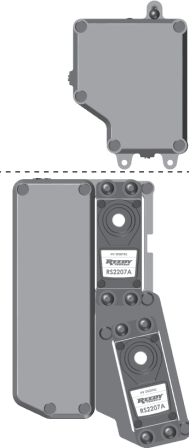
Least Flex
(Kit Setup)

Option 2



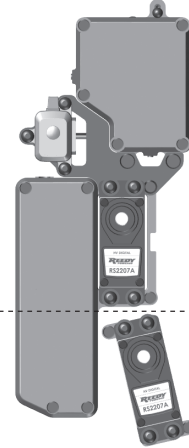
Most Flex

Option 3



More Rearward
Flex

Option 4



More Frontward
Flex

:: Radio Tray Build - Bag 11.1 - Step 2

31448 x4
2.5x8mm
FHCS

81561
RC8B4
Radio Tray
Brace

81433 x2
Radio
Tray Post

81450
Transponder
Mount

81432
Battery Box,
Bottom

41094 x4
3x14mm
LP SHCS

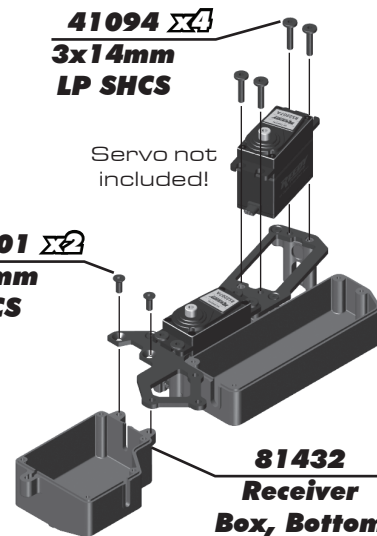
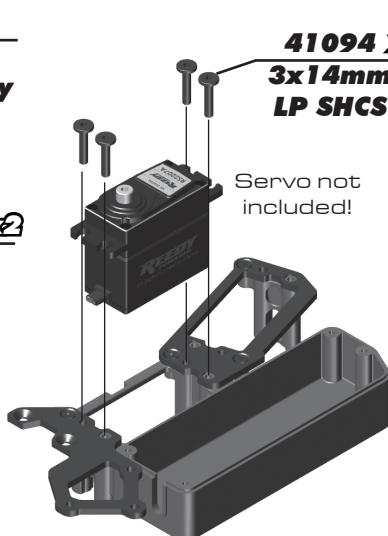
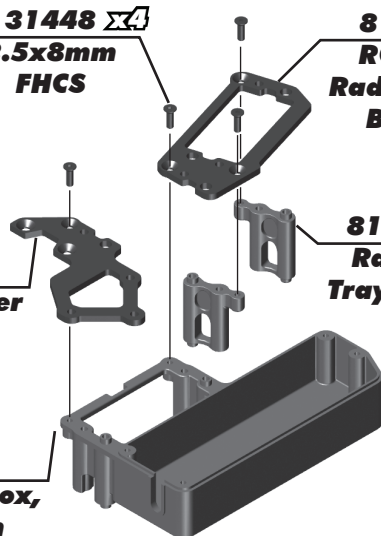
Servo not
included!

41094 x4
3x14mm
LP SHCS

Servo not
included!

25201 x2
3x8mm
FHCS

81432
Receiver
Box, Bottom



:: Radio Tray Build - Bag 11.1 - Step 3

42007 $\Sigma 2$
Receiver Box Grommet

42007 $\Sigma 2$
Grommet Plug

Receiver Battery not included!

Receiver not included!

6727
Servo Tape

31448 $\Sigma 9$
2.5x8mm FHCS

81432
Receiver Box, Top

81432
Battery Box, Top

:: Radio Tray Build - Bag 11.1 - Step 4

25225
3x3mm Set Screw

25211 $\Sigma 3$
3x10mm BHCS

On/Off switch not included!

6338
Antenna Tube and Cap

Transponder not included!

25215 $\Sigma 3$
M3 Locknut

The switch and transponder positions can be reversed if desired

25211
3x10mm FHCS

#1596
thread lock

Install the electronics tray, then slide the servo horns onto the servos!

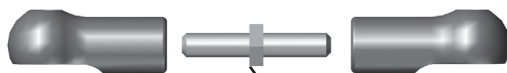


Racer's Tip:
Center servos before horn installation!

89214 $\Sigma 6$
4x12mm FHCS

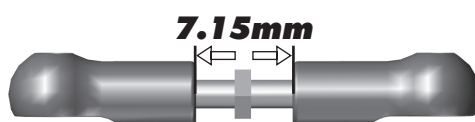
:: Radio Tray Build - Bag 11.1 - Step 5

Throttle Turnbuckle



8415
3x16mm Turnbuckle

81521 $\Sigma 2$
Ball Cup



7.15mm

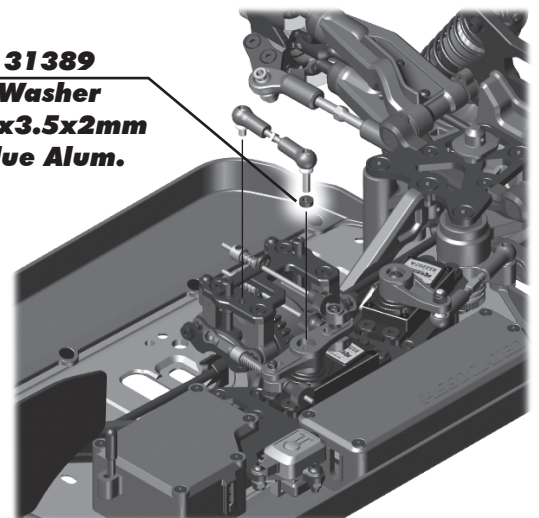


91048
HD Ballstud, 8mm Long



91049
HD Ball Stud, 10mm

31389
Washer 7.8x3.5x2mm Blue Alum.



:: Clutch / Filter Build - Bag 12.1, 12.2 - Step 1

Engine
not included!

81372
Flywheel
Nut

81371
Flywheel
Collet

81370
Flywheel,
4-Shoe

Racer's Tip:

Use a small amount
of blue threadlock on
the crank, do not get
it into the bearing!

See next step for
clutch shoe/spring
installation order!

81373 **X4**
Clutch
Shoe Pins

:: Clutch / Filter Build - Bag 12.1, 12.2 - Step 2

Clutch Shoe / Spring Installation Order:



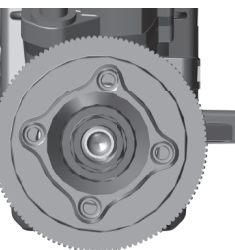
Short end of clutch shoe spring
installed into flywheel.
Long end of clutch shoe spring
installed into clutch shoe.

81402
Clutch
Shoe,
Composite

81366
Clutch Shoe
Spring, Green,
0.95mm

81375
Clutch Shoes,
Hard, 4-Shoe
Aluminum

81367
Clutch Shoe
Spring, Gold,
1.0mm



81367
Clutch Shoe
Spring, Gold,
1.0mm

81375
Clutch Shoes,
Hard, 4-Shoe
Aluminum

81366
Clutch Shoe
Spring, Green,
0.95mm

81402
Clutch
Shoe,
Composite

:: Clutch / Filter Build - Bag 12.1, 12.2 - Step 3

Clutch shimming instructions:

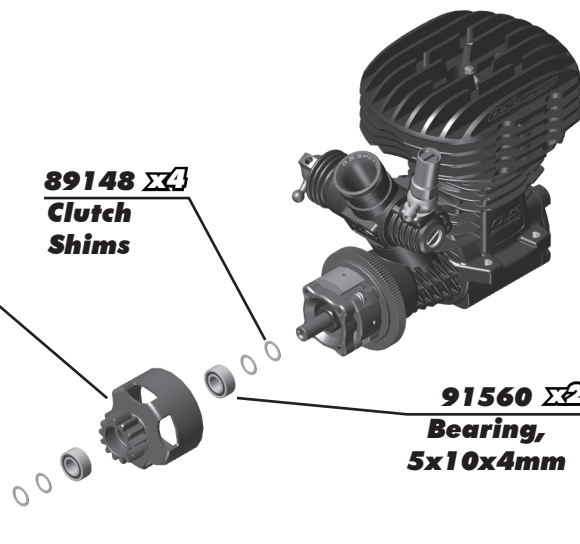
- Build assembly with shims as shown
- If clutch bell does not spin freely:
Move shim from behind clutch
bell to in front of clutch bell
- OR-
Remove one shim from front of
clutch bell
- Recommended axial play in
clutch bell = 0.2mm - 0.5mm

89148 **X4**
Clutch
Shims

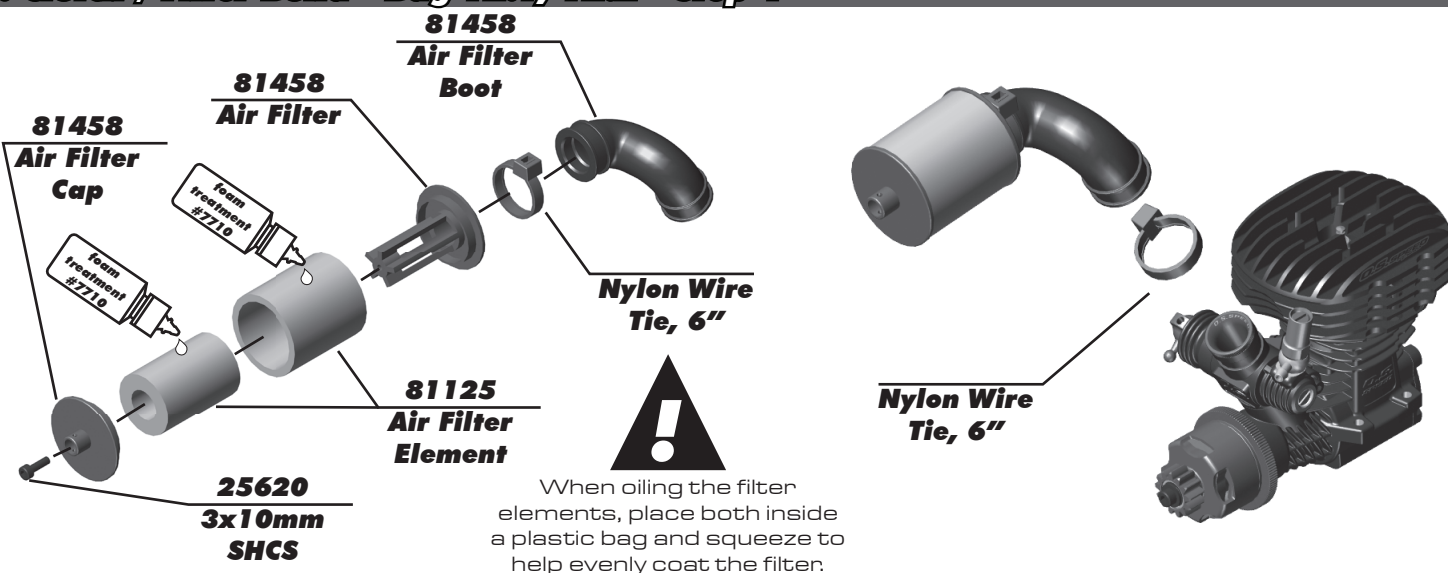
81374
Clutch Bell,
13T, Vented,
4-Shoe

41089
3x6mm
LP SHCS

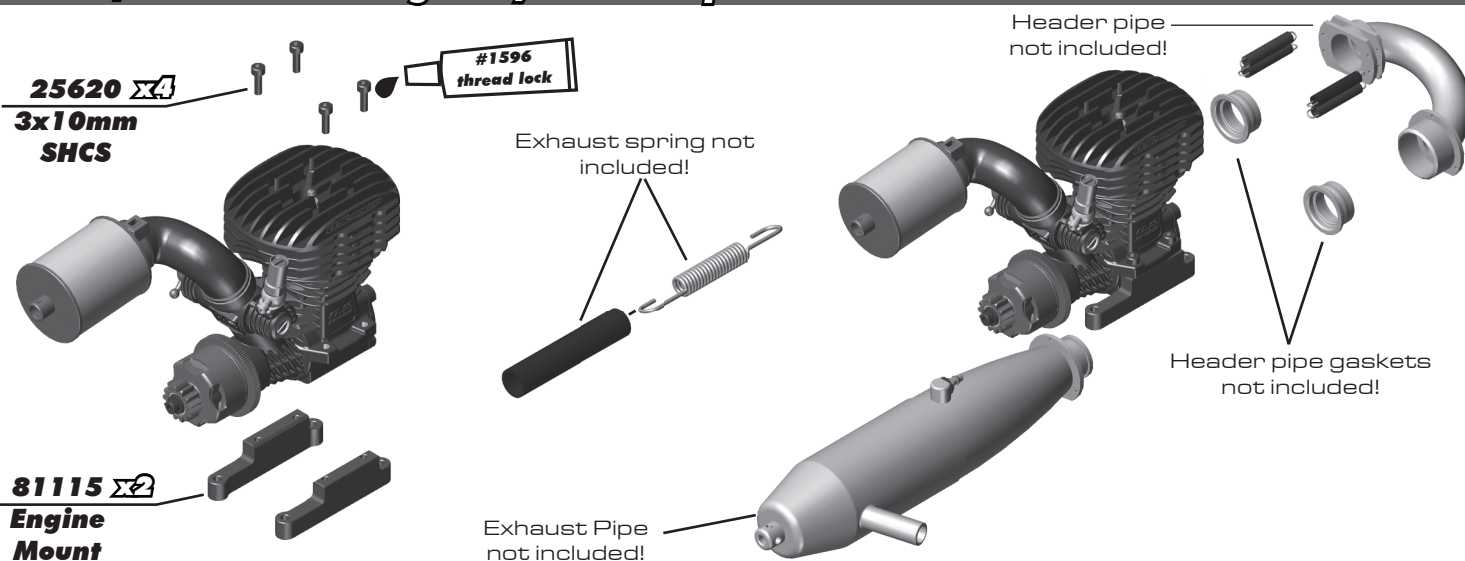
91560 **X2**
Bearing,
5x10x4mm



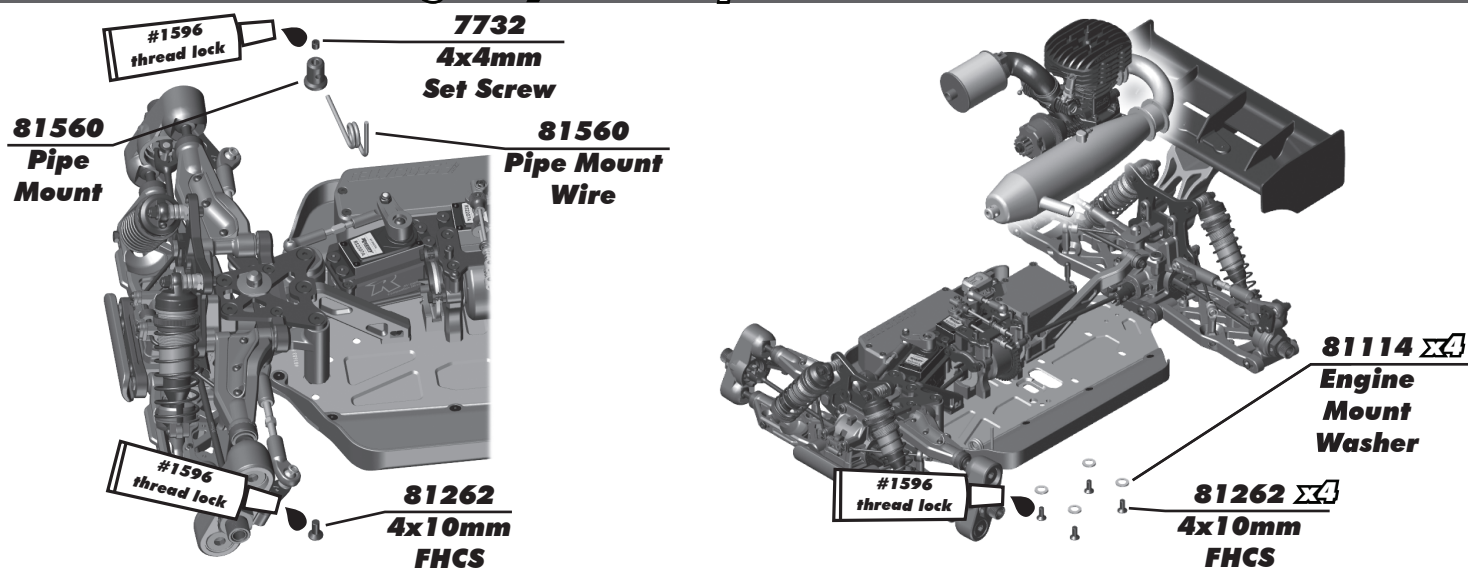
:: Clutch / Filter Build - Bag 12.1, 12.2 - Step 4



:: Clutch / Filter Build - Bag 12.1, 12.2 - Step 5



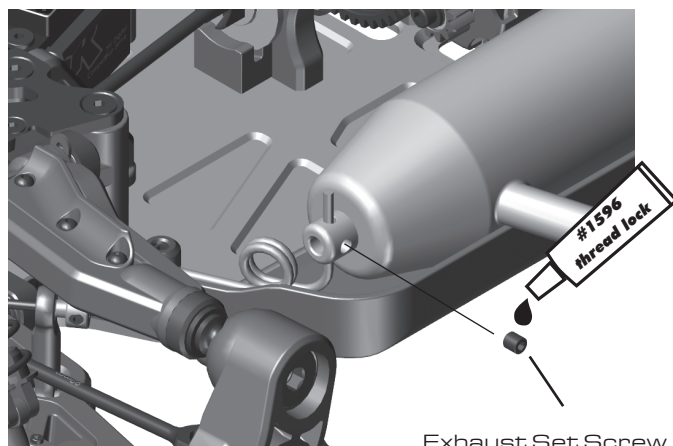
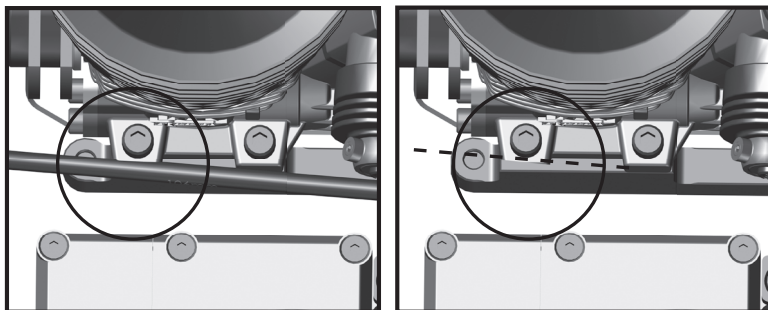
:: Clutch / Filter Build - Bag 12.1, 12.2 - Step 6



:: Clutch / Filter Build - Bag 12.1, 12.2 - Step 7

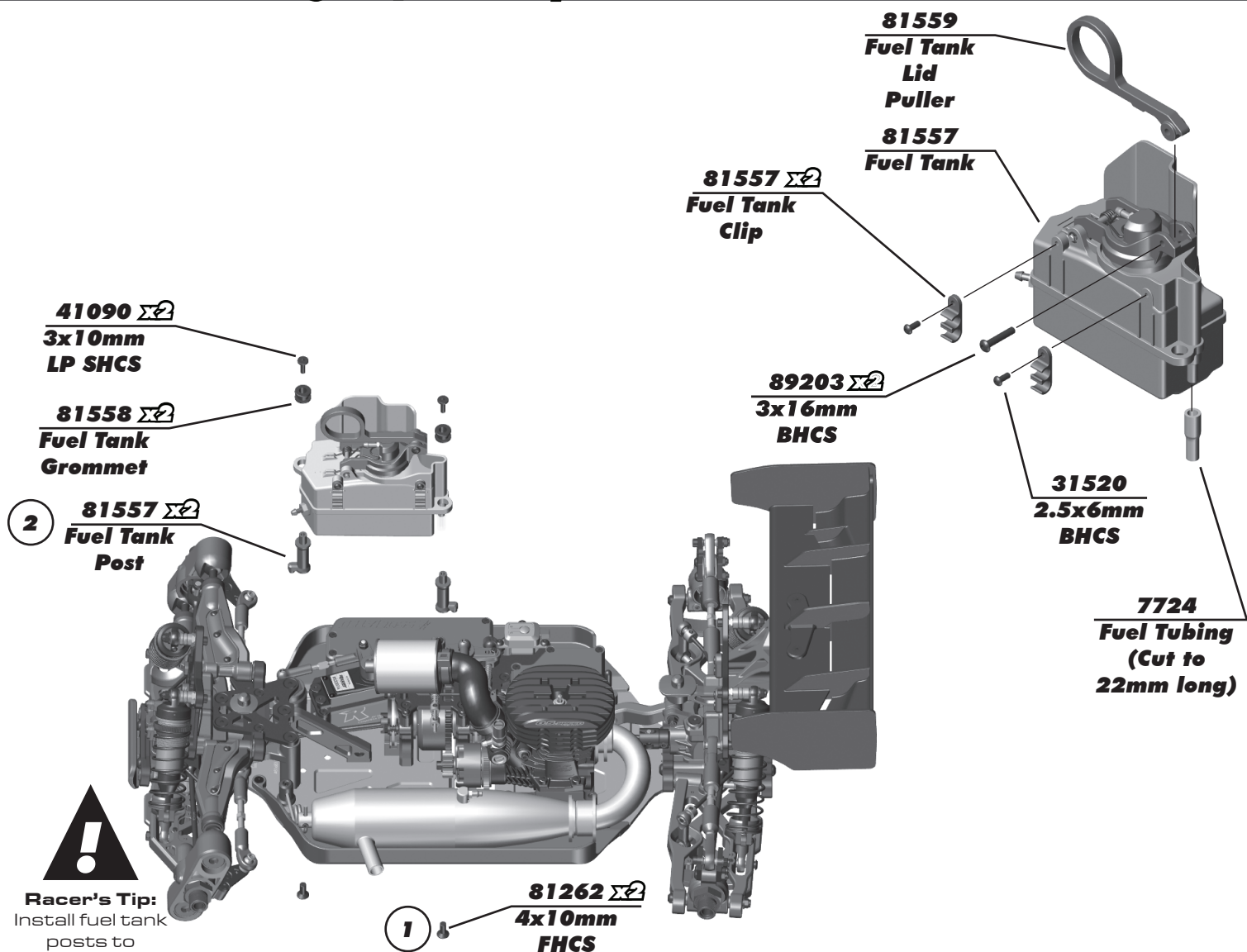


When installing your engine, make sure the rear drive shaft does not interfere with the engine block. You may need to remove material from the engine block for fitment.



Exhaust Set Screw not included!

:: Fuel Tank Build - Bag 13.1, 13.2 - Step 1

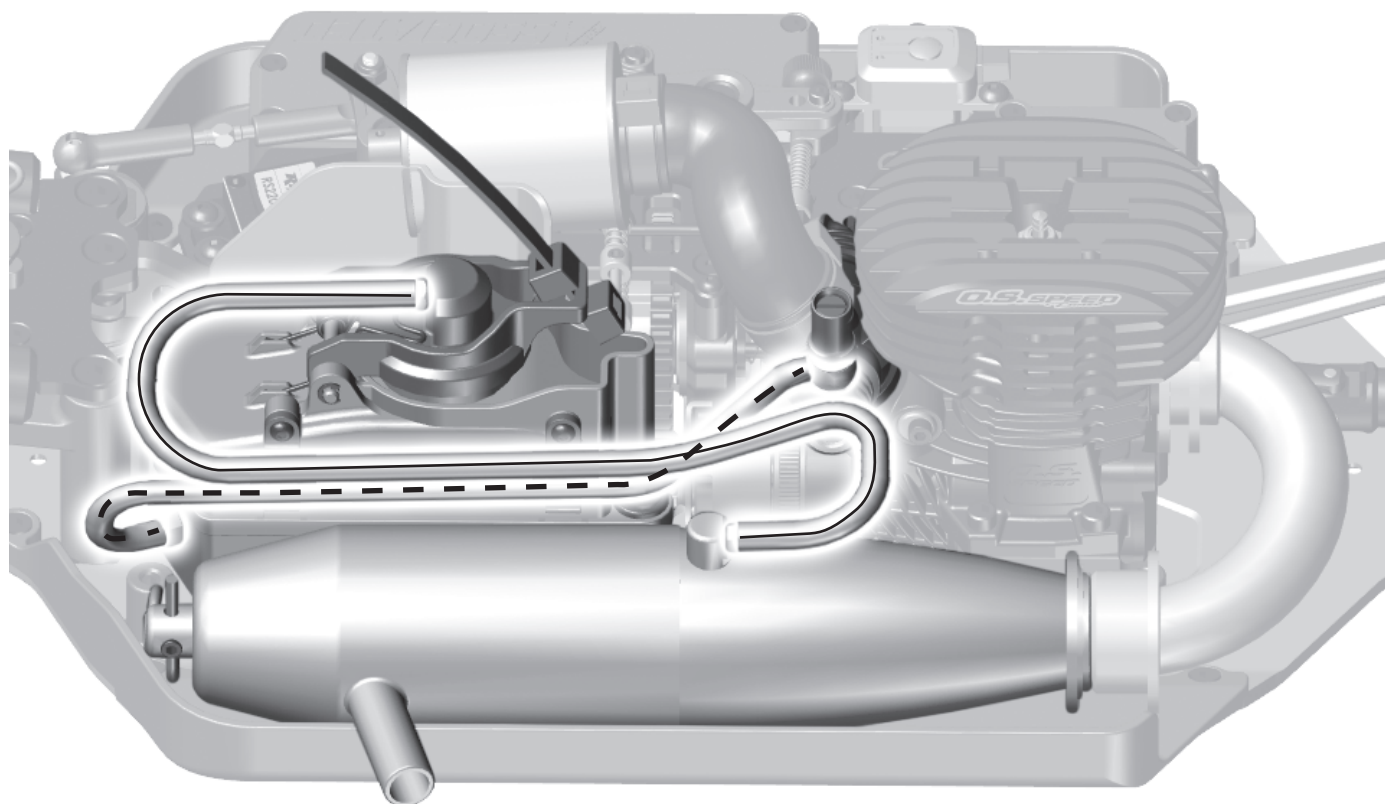


Racer's Tip:
Install fuel tank posts to chassis before installing the fuel tank.

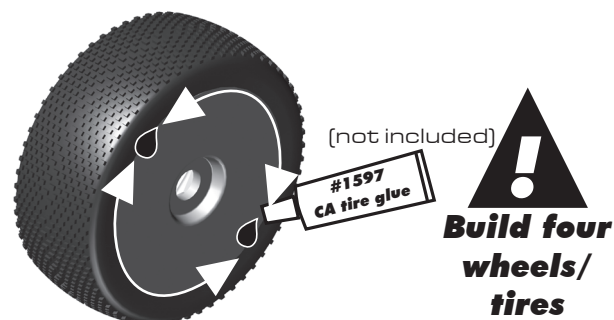
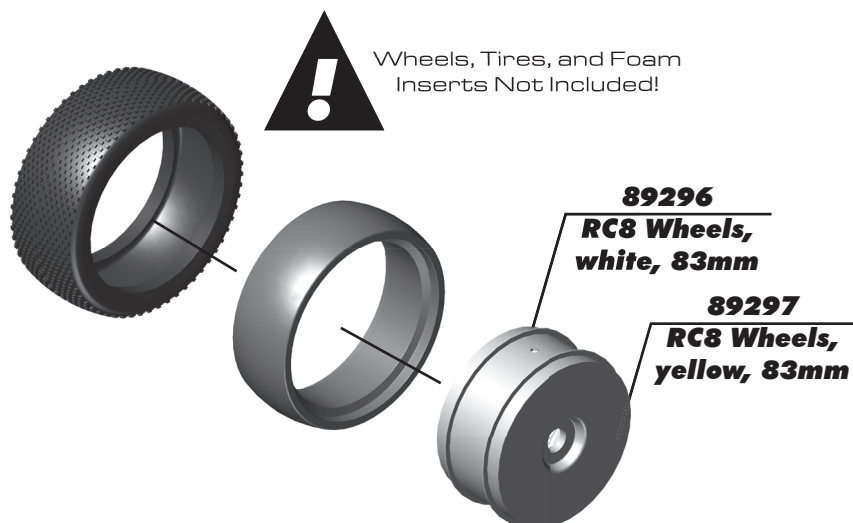
:: Fuel Tank Build - Bag 13.1, 13.2 - Step 2

**Pressure line from
fuel tank lid to
exhaust pipe**

**Fuel line from fuel
tank to carburetor**



:: Wheels / Tires / Body - Misc. - Step 1



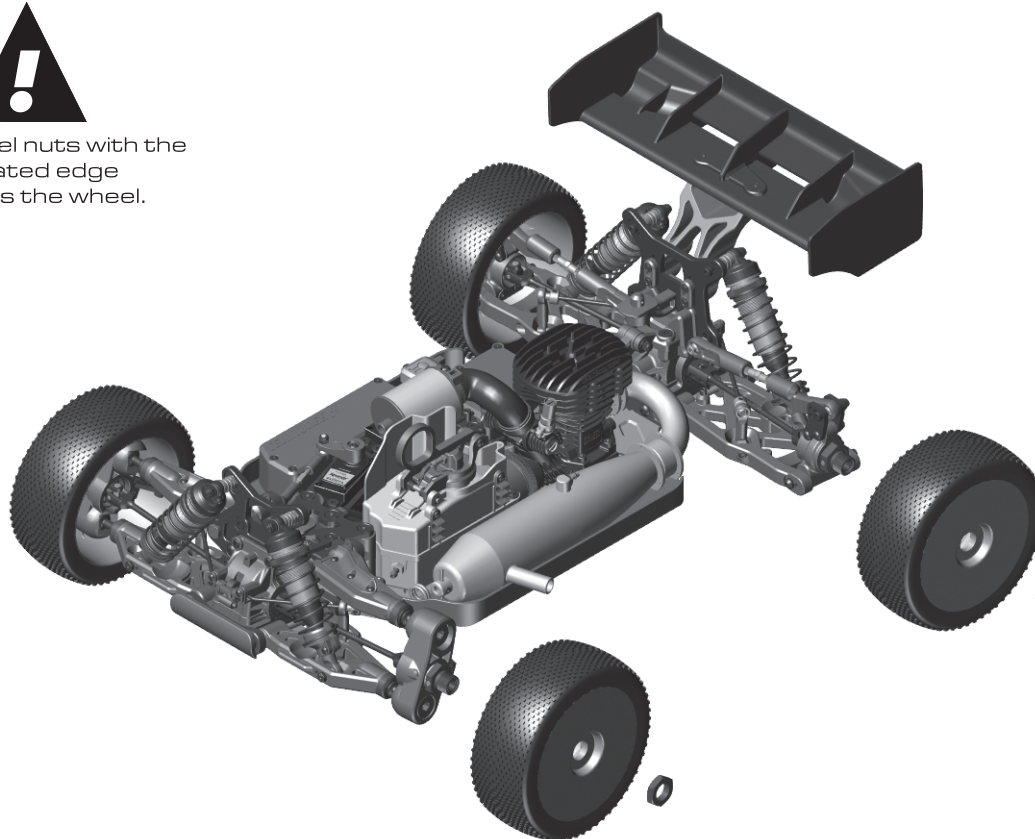
Tires:

When gluing tires to wheels, use a fast-curing tire glue (CA) [AE # 1597]. This is available at your local hobby shop. Make sure to clean the mounting surface of the tire and wheel with alcohol for best adhesion.

:: Wheels / Tires / Body - Misc. - Step 2



Install wheel nuts with the serrated edge towards the wheel.



81082 X4
Wheel Nuts,
17mm
(Blue)

:: Wheels / Tires / Body - Misc. - Step 3



Final chassis ride height.
Front = 23mm
Rear = 26mm

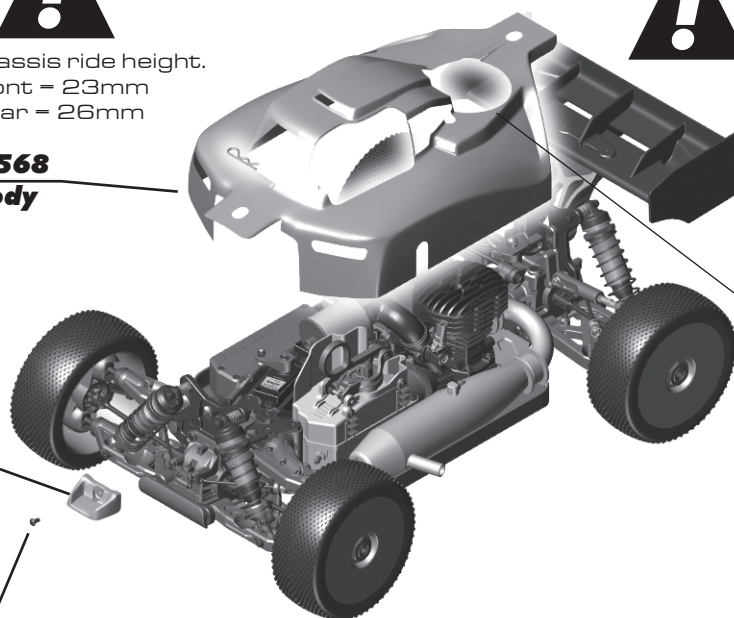
2208 X2
Body Clip

81568
Body



81568
Nose
Cone

31531
3x6mm
BHCS



Painting Tips:

Your kit comes with a clear polycarbonate body. You will need to prep the body before you can paint it. Wash the inside thoroughly with warm water and liquid detergent. Dry the body using a clean, soft, lint-free cloth. Install the window masks on the inside of the body. (RC cars get painted on the inside). Using high quality masking tape, apply tape to the inside of the body to create a design. Spray (either rattle can or airbrush RC specific paint) the paint to the inside of the body (preferably dark colors first, lighter colors last).

NOTE: use ONLY paint that is recommended for use with (polycarbonate) plastics. If you do not, you can destroy the polycarbonate body!

After painting, cut the body along the trim lines. Make sure to drill or use a body reamer to make the holes for the body mounts and antenna!



Kit RWB chassis uses the rear engine, tuning, and exhaust cutouts. Please check before trimming as your engine / pipe may vary.

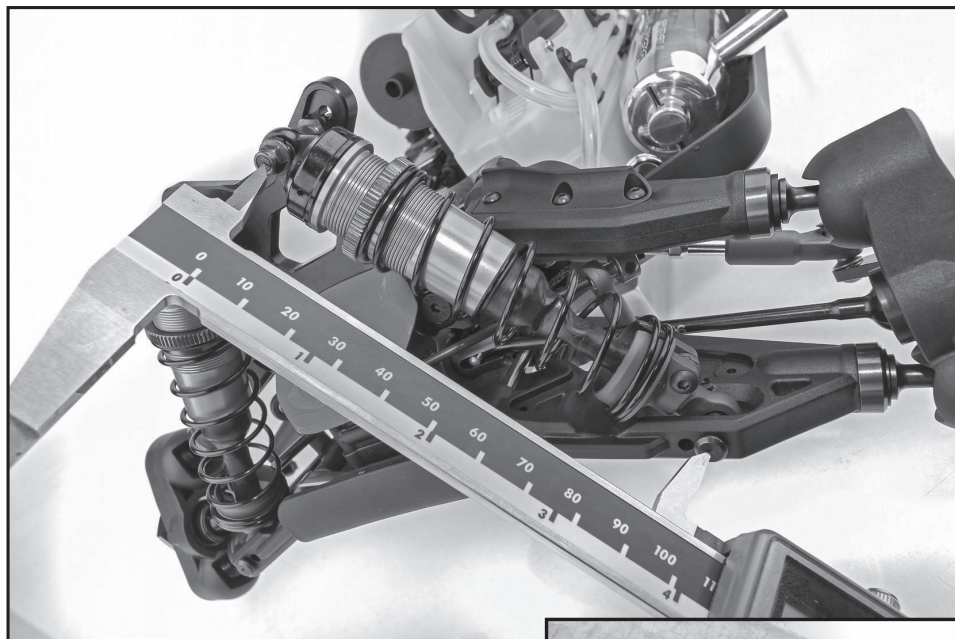
:: Droop Settings

Set droop by measuring overall length of shock (from standoff to shock pin) while the chassis is elevated above your working surface. The shocks should be fully extended.

Kit setup for front droop is 101 mm shock length, and 126 mm shock length for the rear "C" hole.

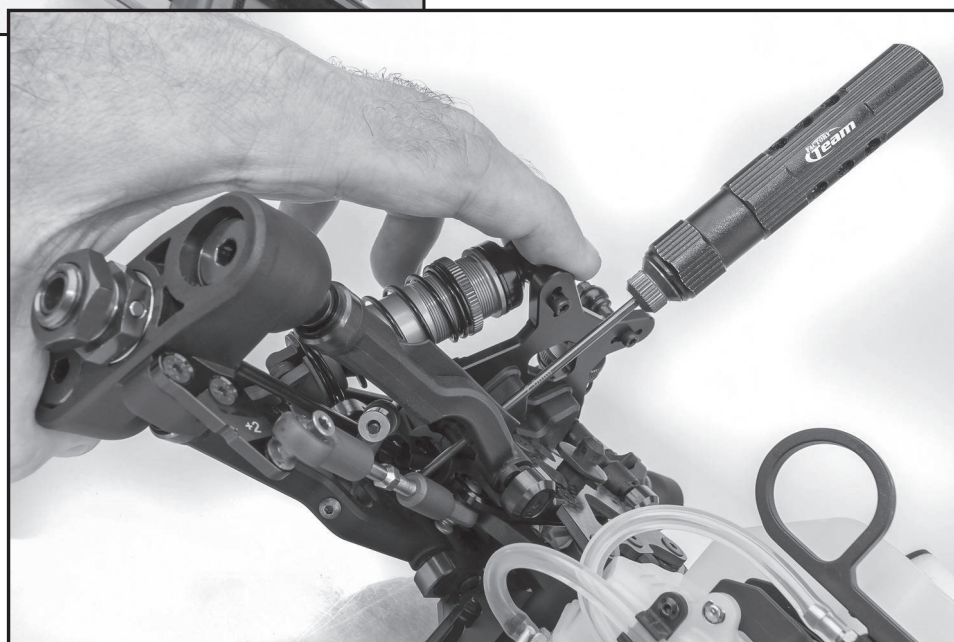
If the shock length is too long, adjust by turning the droop screws clockwise.

If the shock length is too short, adjust by turning the droop screws counter-clockwise.



Racer's Tip:

Use 123 mm for the middle "B" rear arm hole, and +2 or 0 eyelet.



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:

To find different setups for your kit, visit our website, <https://www.associatedelectrics.com/teamassociated/> and click on the "Setup Sheets" link, and then the link to your model. Our team of professional drivers help develop these setups at races worldwide. Additionally, most drivers have a "base" setup that they use as a starting point for most races. Try running some of our base setups or look for track conditions and tires that are similar to your local track and replicate 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.



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

call: (949) 544-7500 - fax: (949) 544-7501
Check out the following web sites for all of our kits, current products,
new releases, setup help, tips, and racing info!
www.AssociatedElectrics.com

FOLLOW US ON SOCIAL MEDIA



TeamAssociated
ReedyPower
ElementRC
FactoryTeam51



@TeamAssociatedRC
@ReedyPower
@Element_RC
@FactoryTeam_RC



@Team_Associated
@ReedyPower



@Associated_Electrics



TeamAssociatedRC
ElementRC



TeamAssociated
Reedy
Element-rc