

**RC8
T4.2
TEAM KIT**

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TEAM ASSOCIATED

1:8 Scale 4WD Nitro and Electric Off Road Competition Truggy Kits Manual

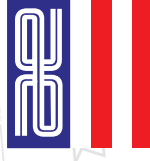
#80957 RC8T4.2 Team Kit and #80958 RC8T4.2e Team Kit



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

RC8T4.2 Features:

- Molded height-adjustable gearboxes front and rear
- Updated shock towers for height-adjustable gearboxes that feature more body mount height options
- New molded suspension arms front and rear for increased durability and modern look
- New 16deg KPI steering block with updated bump steer geometry
- New rear anti-roll bar with wider mounting points
- New tapered side nitro truggy chassis with improved chassis stiffness options
- New molded top plate included
- High-volume center differential
- High-downforce wing
- Includes FT hard-anodized aluminum shock bushings
- Updated brake pad material and brake spring
- 40/9 ring and pinion gear sets included
- 131mm universal driveshafts with 17mm outdrives
- 19mm and 20mm diameter HTC internal differential gear sets included
- Bladder and emulsion style shock seals included
- FT hexes and grooved pins included

RC8T4.2e Features:

- Molded height-adjustable gearboxes front and rear
- Updated shock towers for height-adjustable gearboxes that feature more body mount height options
- New molded suspension arms front and rear for increased durability and modern look
- New 16deg KPI steering block with updated bump steer geometry
- New rear anti-roll bar with wider mounting points
- New molded top plate included
- High-volume center differential
- High-downforce wing
- Includes FT hard-anodized aluminum shock bushings
- Updated brake pad material and brake spring
- 40/9 ring and pinion gear sets included
- 131mm universal driveshafts with 17mm outdrives
- 19mm and 20mm diameter HTC internal differential gear sets included
- Bladder and emulsion style shock seals included
- FT hexes and grooved pins included

:: Additional

Your new RC8T4.2 / T4.2e 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) | • Transmitter batteries |
| • 2 or 3 channel radio/transmitter set with switch (2.4GHz recommended) | • Throttle and Steering servos |
| • Polycarbonate body and specific paint | • Reamer / hole punch - (#1499) |
| • Model car fuel (20-30% nitro recommended) | • Glow igniter - (#27377) |
| • .21 class rear exhaust engine | • Fuel bottle - (#1747) |
| • CA (cyanoacrylic) glue - (#1597) | • Hobby knife |
| • Thread-locking compound - (#1596) | |
| • 1:8 scale truggy wheels/tires | |
| • Starter box - (#1751) | |
| • Exhaust system | |
| • Needle-nose pliers | |
| • Ride height gauge | |

:: 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) | • FT Nut Drivers - (#1519) |
| | • Calipers or a Precision Ruler |
| • Wire Cutters | |

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



Customer Service
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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)
	3x5mm (31530)
	3x6mm (31531)
	3x8mm (31532)
	3x10mm (25211)
	3x12mm (89202)
	3x14mm (25187)
	3x16mm (89203)
	3x18mm (2308)
	3x20mm (25188)
	3x22mm (25189)
	3x24mm (89204)
	4x10mm (81206)
	4x12mm (81207)
	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	22.....	Servo Horn Build [T84.2e Bag 10.1]
2.....	Introduction	22.....	Radio Tray / Battery Tray Build [T84.2e Bag 11.1 / Bag 12.1]
3.....	1:1 Hardware "Fold Out"	23.....	Center Bulkhead Build [T84.2 Bag 9.1]
4.....	Table of Contents	24.....	Linkage Build [T84.2 Bag 10.1]
5.....	Differentials Build [Bags 1.1, 1.2]	25.....	Radio Tray Build [T84.2 Bag 11.1]
7.....	Shocks Build [Bag 2.1]	26.....	Clutch / Filter Build [T84.2 Bags 12.1, 12.2]
9.....	Turnbuckles Build [Bags 3.1]	29.....	Fuel Tank Build [T84.2 Bags 13.1]
10.....	Steering / Chassis Build [Bag 4.1]	30.....	Wheels / Tires / Body [Misc.]
11.....	Front End Build [Bags 5.1, 5.2, 5.3]	32.....	Droop Settings
14.....	Steering Blocks Build [Bags 6.1]	33.....	Notes
16.....	Rear End Build [Bags 7.1, 7.2, 7.3]	34.....	Back Cover
19.....	Rear Hubs Build [Bags 8.1]		
20.....	Center Bulkhead Build [T84.2e Bag 9.1]		

:: 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.



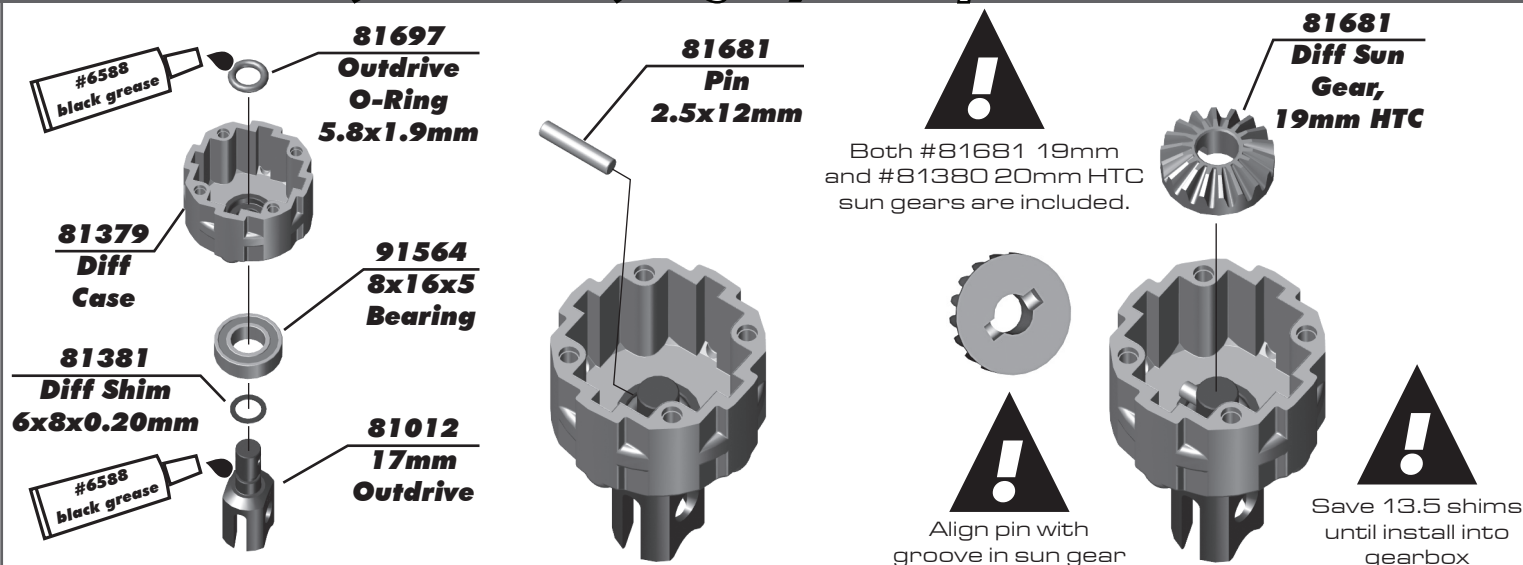
There is a 1:1 hardware foldout page in the front of the manual. To check the size of a part, line up your hardware with the correct drawing until you find the exact size. Each part in the foldout has a number assigned to it for ordering replacement parts.

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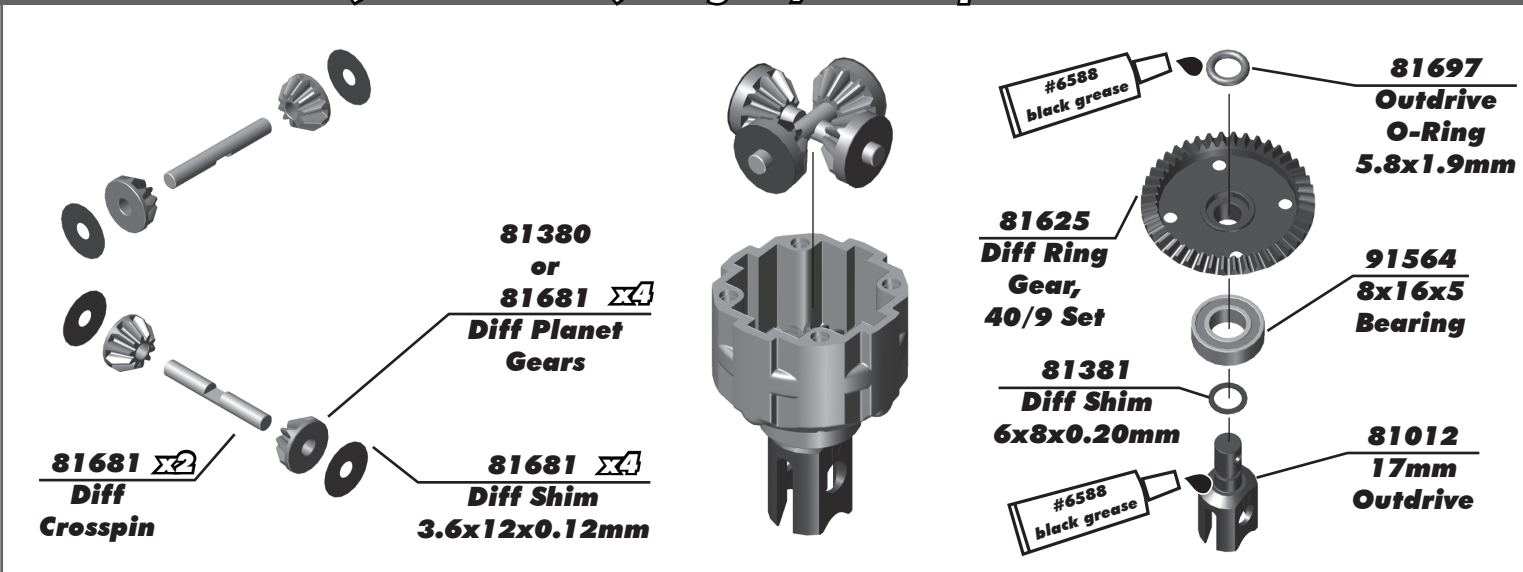


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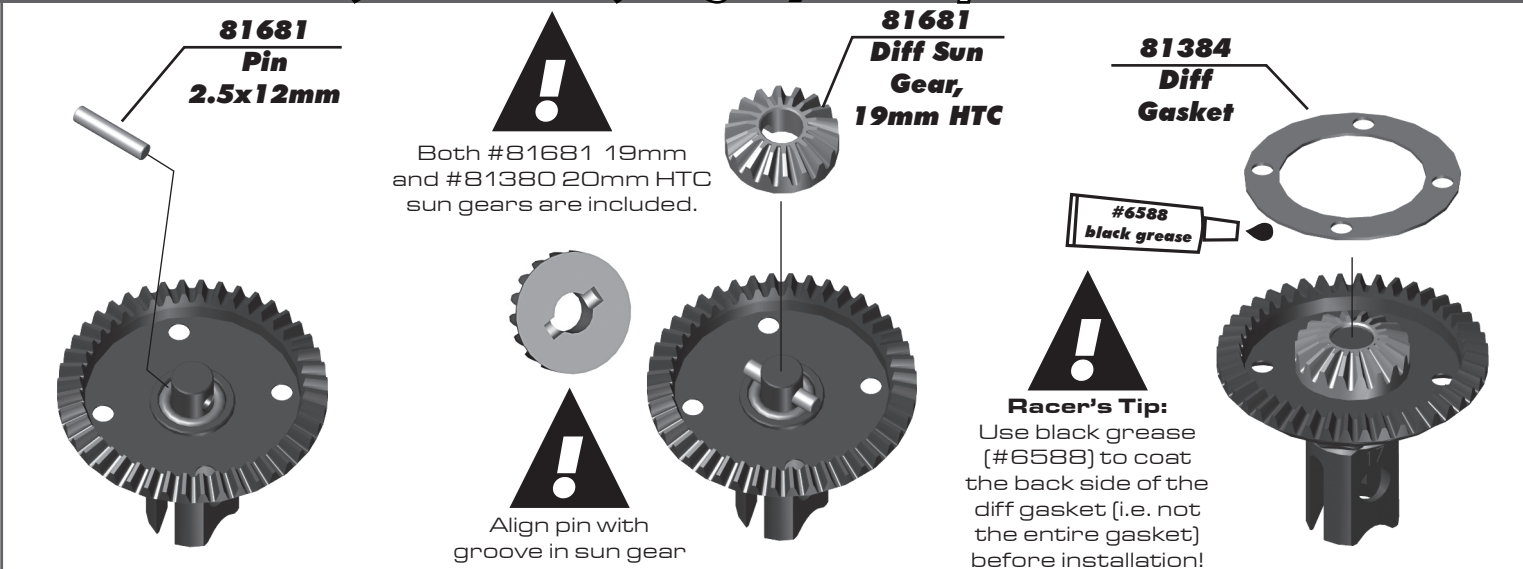
:: Differential Build (Front and Rear) - Bag 1.1, 1.2 - Step 1



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



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

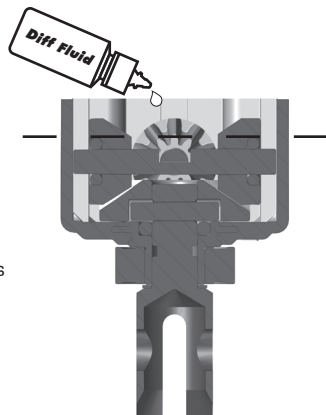


:: Differential Build (Front and Rear) - Bag 1.1, 1.2 - Step 4

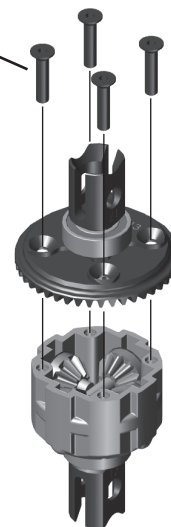


Racer's Tip:

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



25202 x4
M3x10mm
FHCS



Front Diff Fluid:

T4.2 Kit - 15,000cst #5447

T4.2e Kit - 15,000cst #5447

Rear Diff Fluid:

T4.2 Kit - 7,000cst #5454

T4.2e Kit - 7,000cst #5454

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

#6588
black grease

81697
Outdrive
O-Ring
5.8x1.9mm

81681
Pin
2.5x12mm

81681
Diff Sun
Gear,
19mm HTC

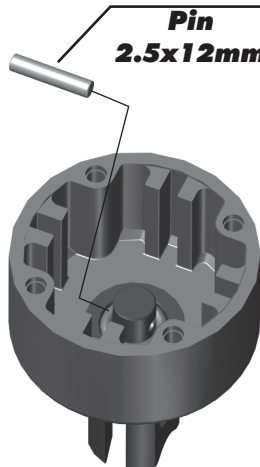
81703
B4.2 Diff
Case HV

91564
8x16x5
Bearing

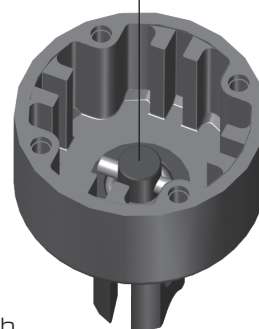
81381
Diff Shim
6x8x0.20mm

#6588
black grease

81012
17mm
Outdrive,
Center Diff



Align pin with
groove in sun gear



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

81380
or
81681 x4
Diff Planet
Gears

81704 x2
B4.2 Center
Diff Crosspin

81681 x4
Diff Shim
3.6x12x0.12mm

#6588
black grease

81697
Outdrive
O-Ring
5.8x1.9mm

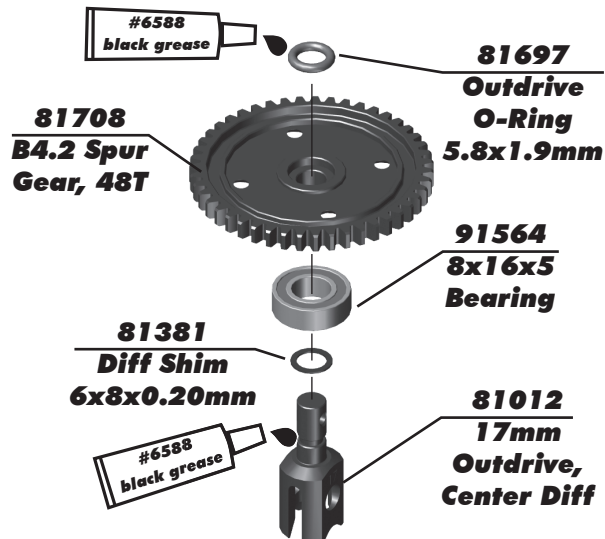
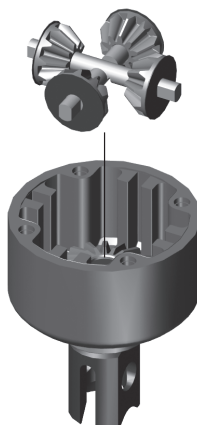
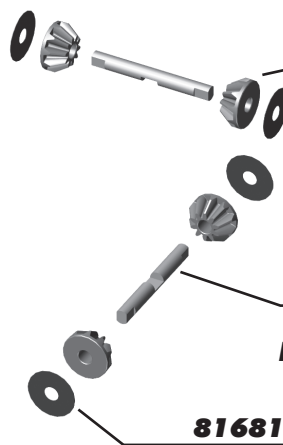
81708
B4.2 Spur
Gear, 48T

91564
8x16x5
Bearing

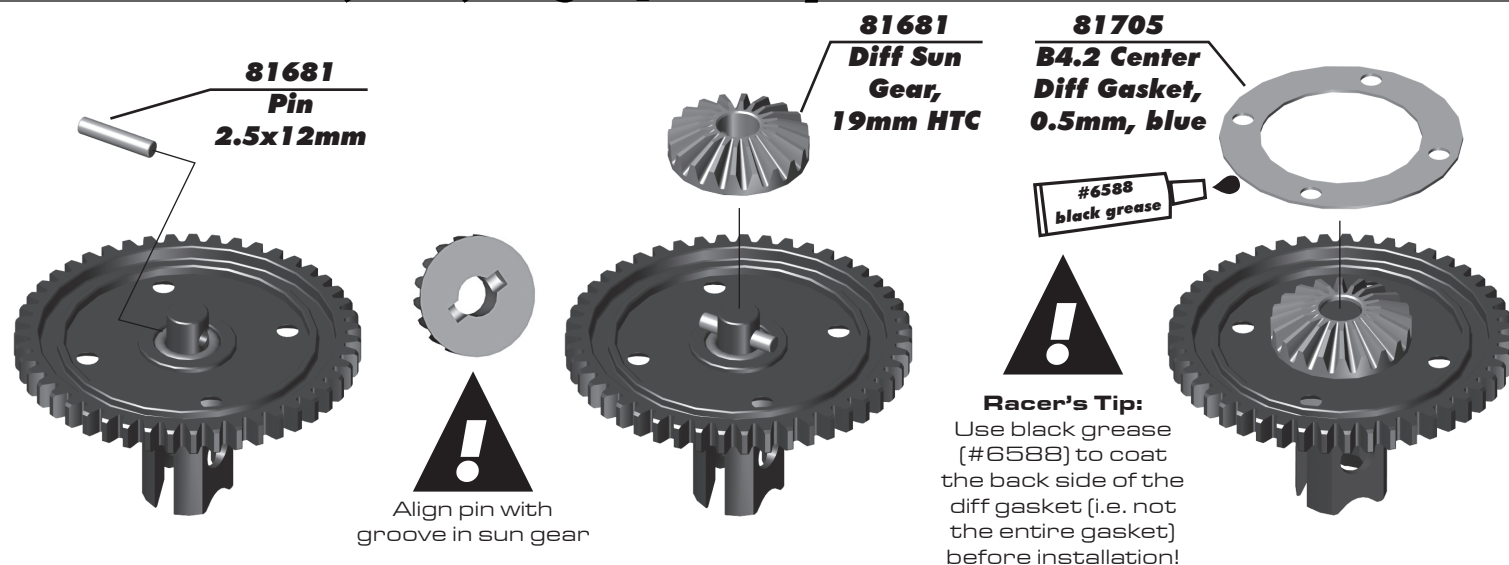
81381
Diff Shim
6x8x0.20mm

#6588
black grease

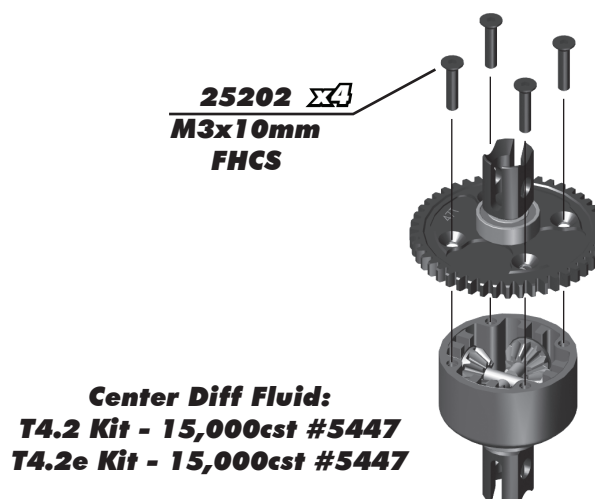
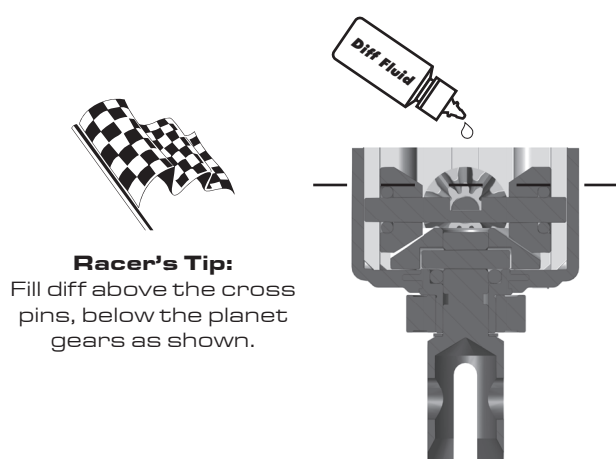
81012
17mm
Outdrive,
Center Diff



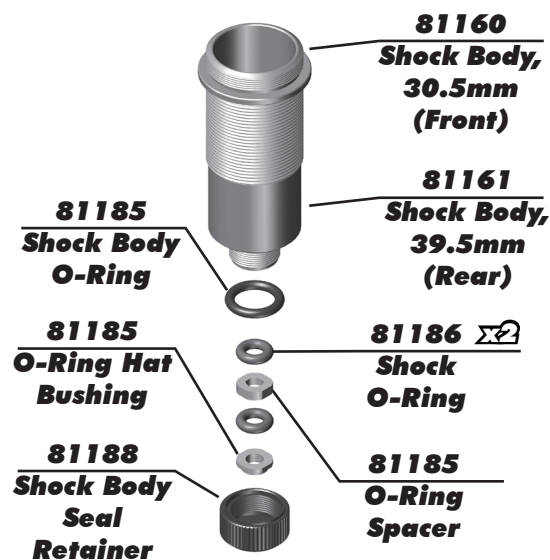
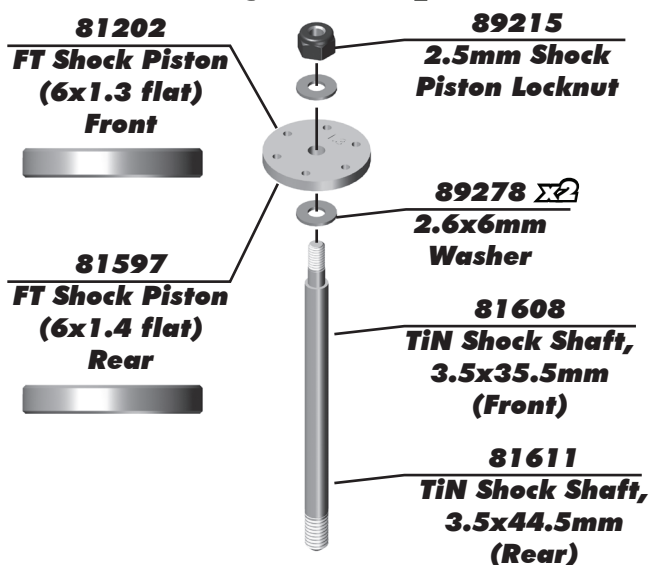
:: Differential Build (Center) - Bag 1.1, 1.2 - Step 7



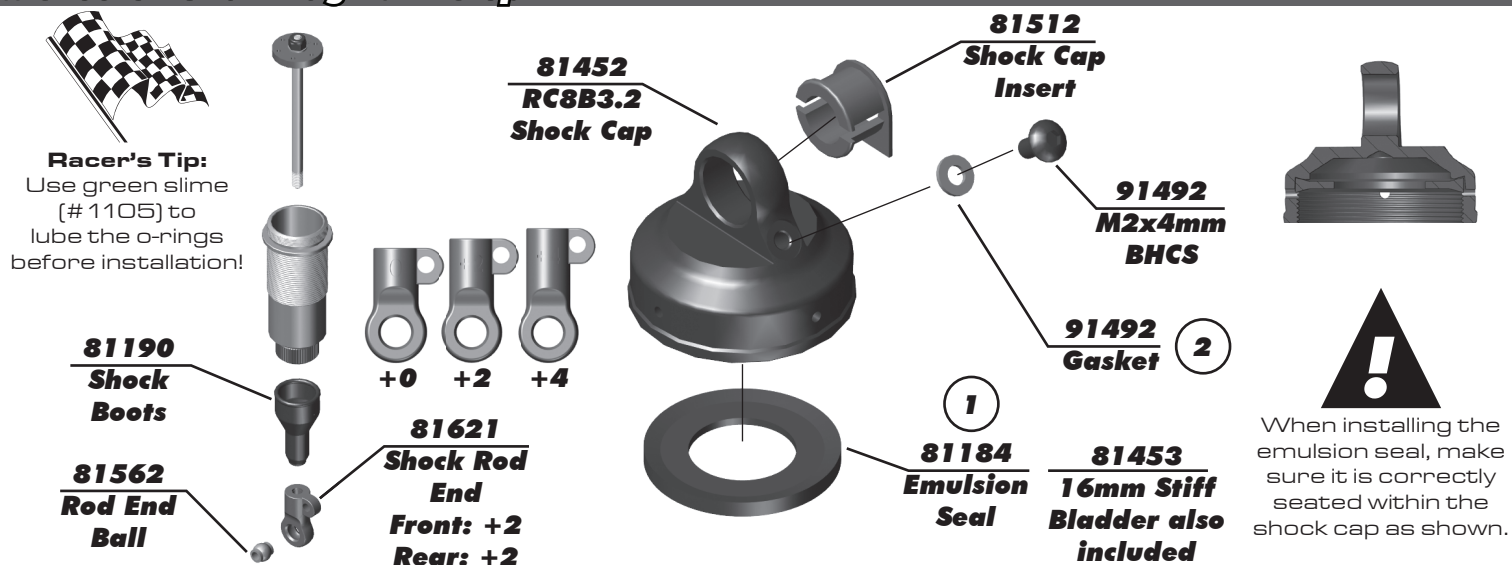
:: Differential Build (Center) - Bag 1.1, 1.2 - Step 8



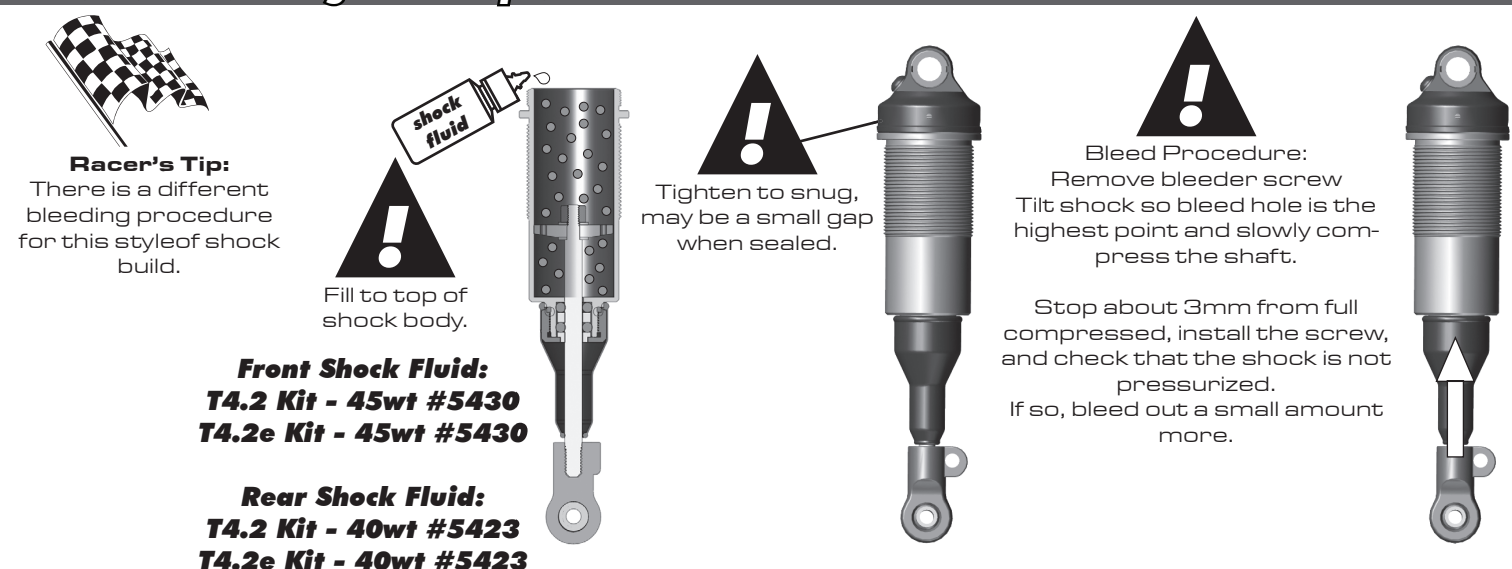
:: Shocks Build - Bag 2.1 - Step 1



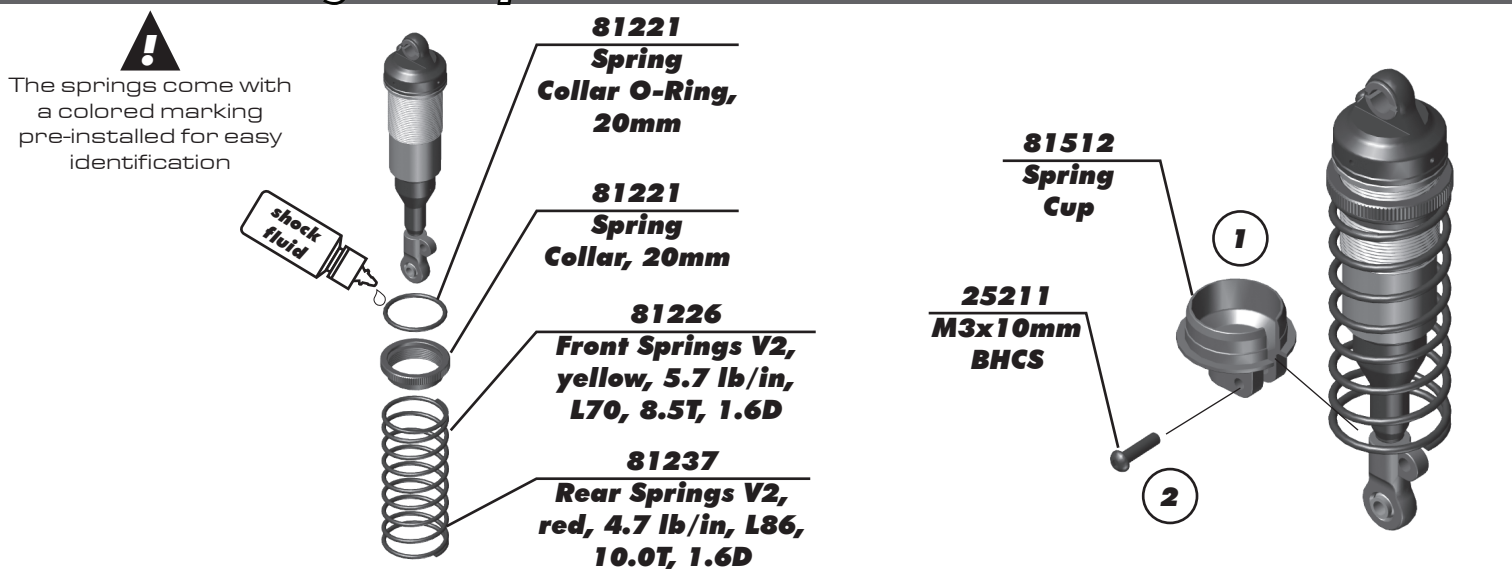
:: Shocks Build - Bag 2.1 - Step 2



:: Shocks Build - Bag 2.1 - Step 3

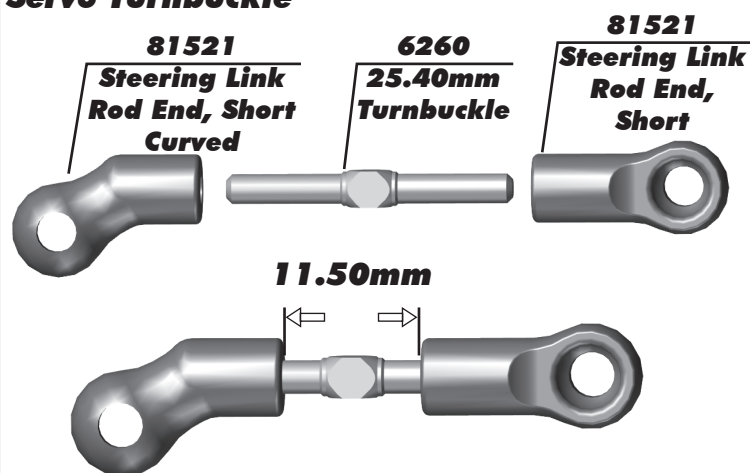


:: Shocks Build - Bag 2.1 - Step 4

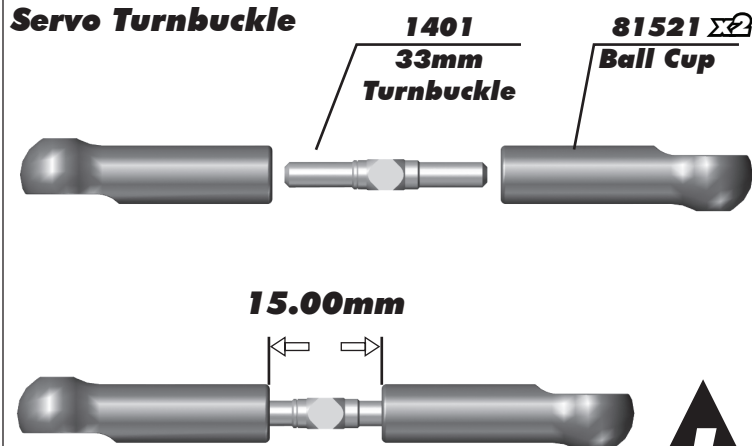


:: Turnbuckles Build - Bag 3.1 - Step 1

Electric Steering Servo Turnbuckle



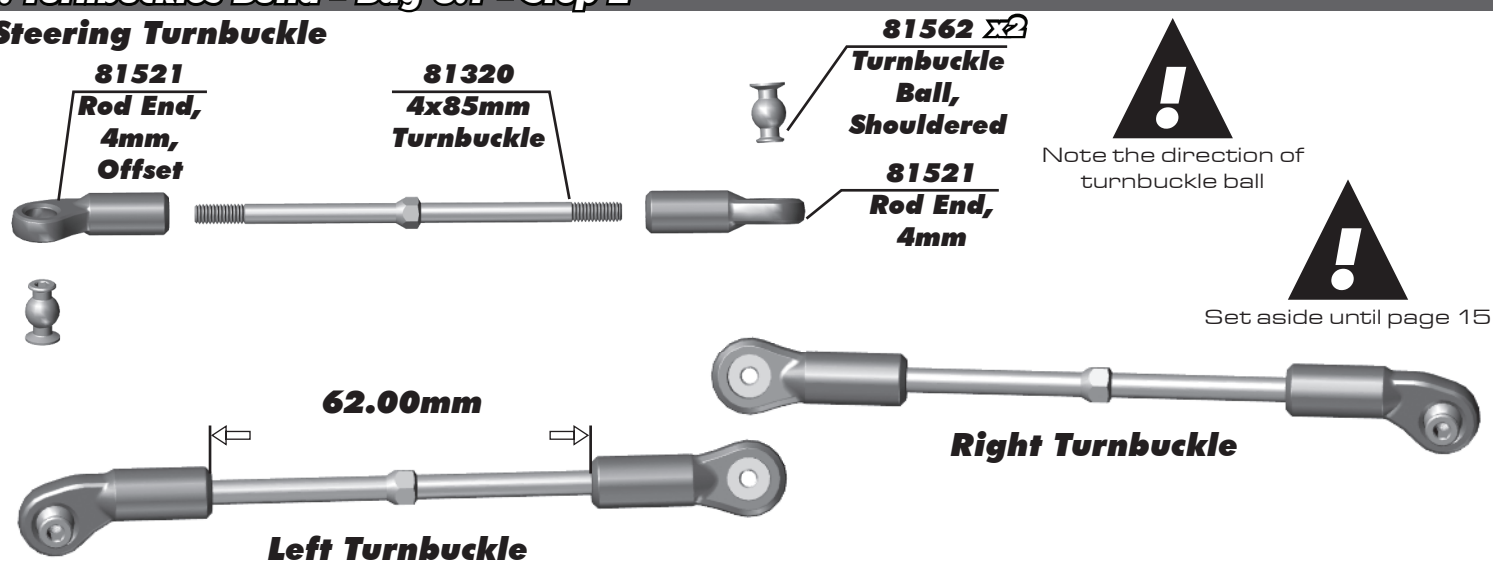
Nitro Steering Servo Turnbuckle



Set aside until page 22

:: Turnbuckles Build - Bag 3.1 - Step 2

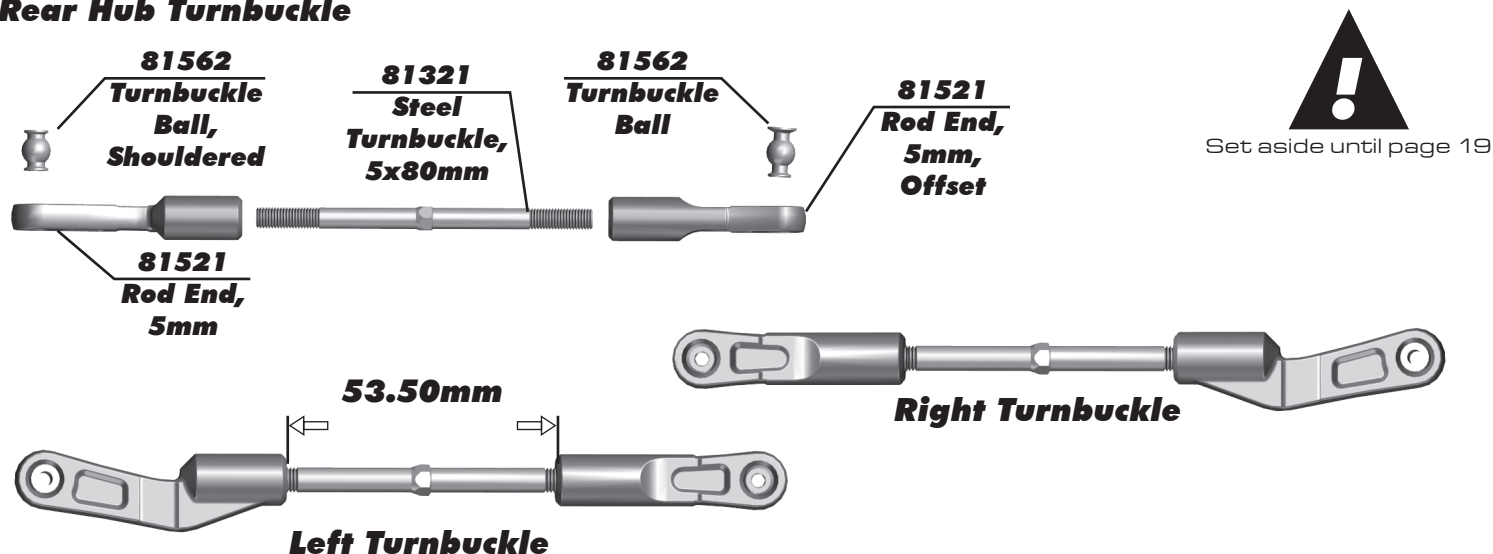
Steering Turnbuckle



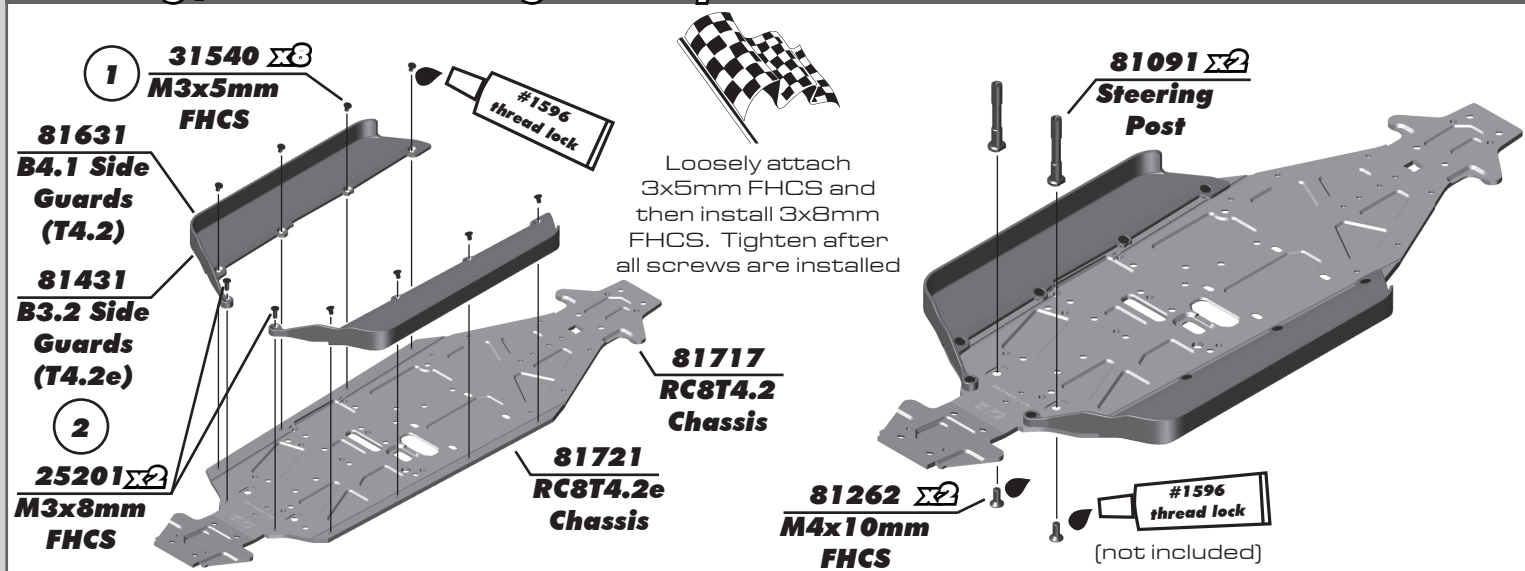
Set aside until page 15

:: Turnbuckles Build - Bag 3.1 - Step 3

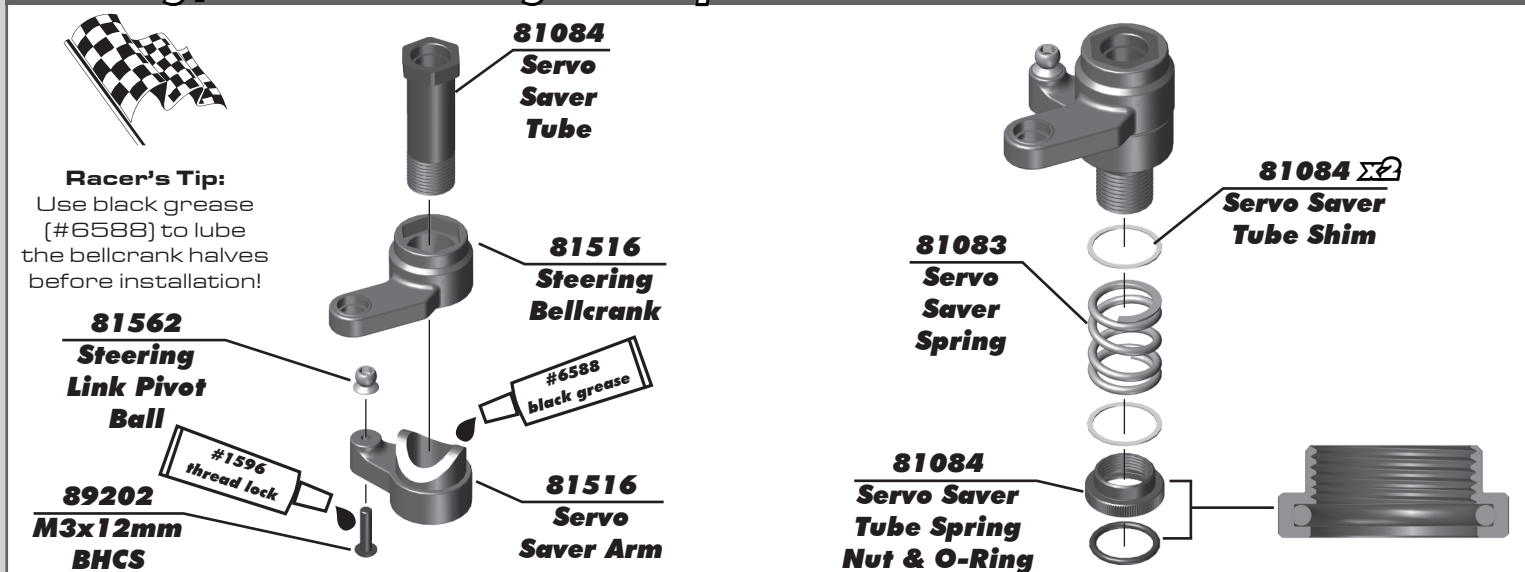
Rear Hub Turnbuckle



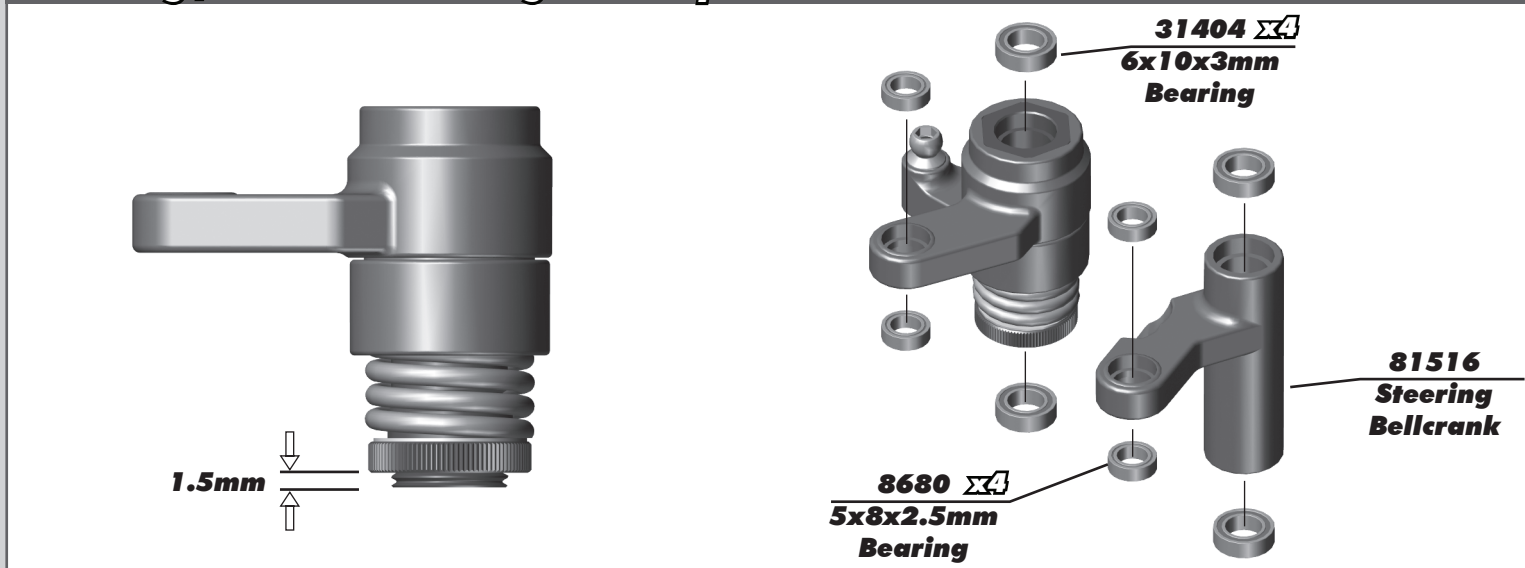
:: Steering / Chassis Build - Bag 4.1 - Step 1



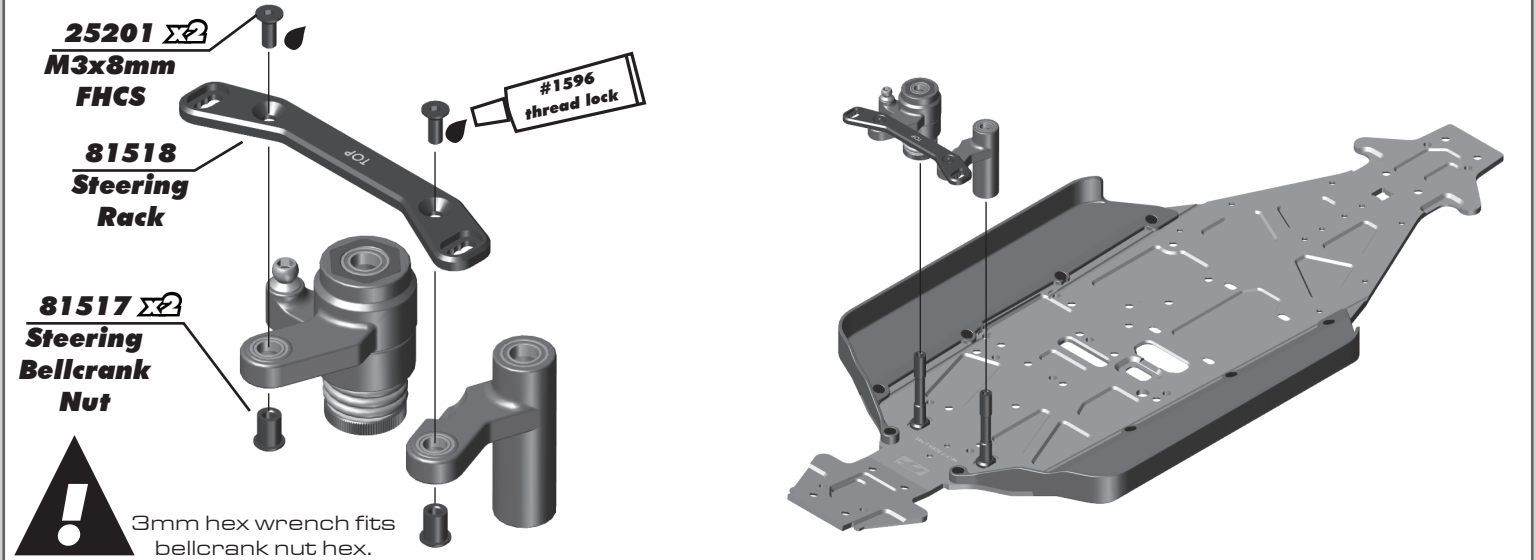
:: Steering / Chassis Build - Bag 4.1 - Step 2



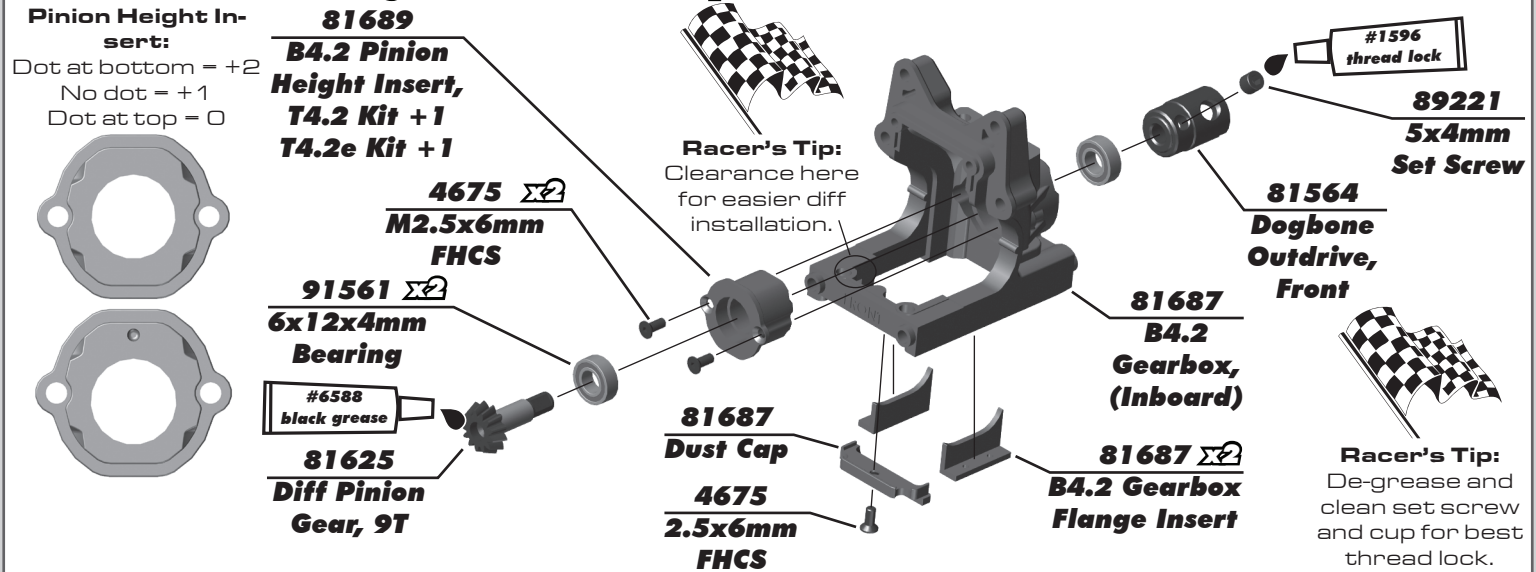
:: Steering / Chassis Build - Bag 4.1 - Step 3



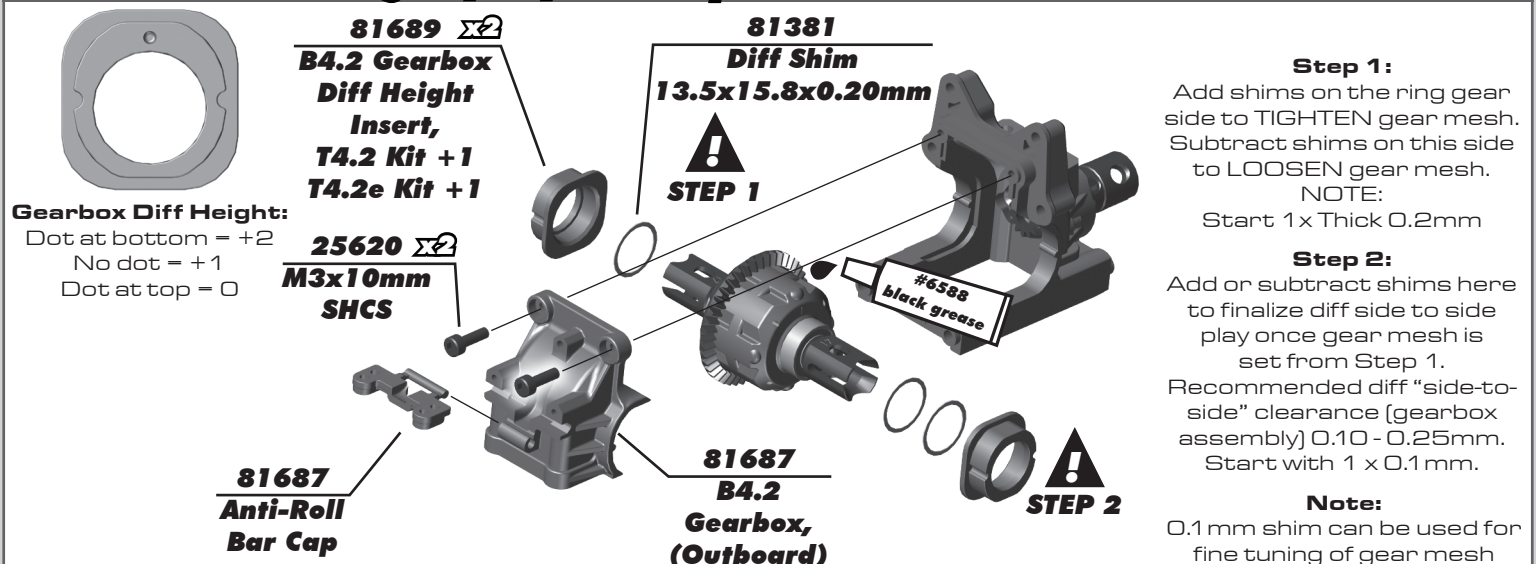
:: Steering / Chassis Build - Bag 4.1 - Step 4



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



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



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

Kit Setup:



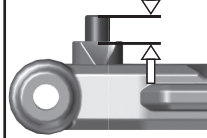
81520 $\Sigma 2$
**Arm Mount
Insert, Center**

81567
**Arm Mount
B**

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

Droop Screw:

Kit Setup:
1.5mm



81566
**Arm Mount
A**

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

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

Build left and right side!

Start here,
adjust to
102mm
shock length.

81724 $\Sigma 2$
**Suspension
Arm Shim**

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

89317
**Droop
Screw**

81724
**Front Lower
Arm, Soft**

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

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

81585
**Anti-Roll
Bar Pivot**

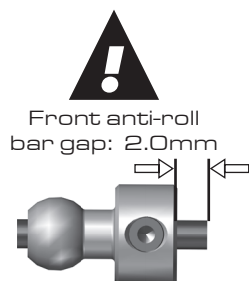
81562
**Rod End
Ball**

Note direction

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

:: Front End 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,
2.2mm**

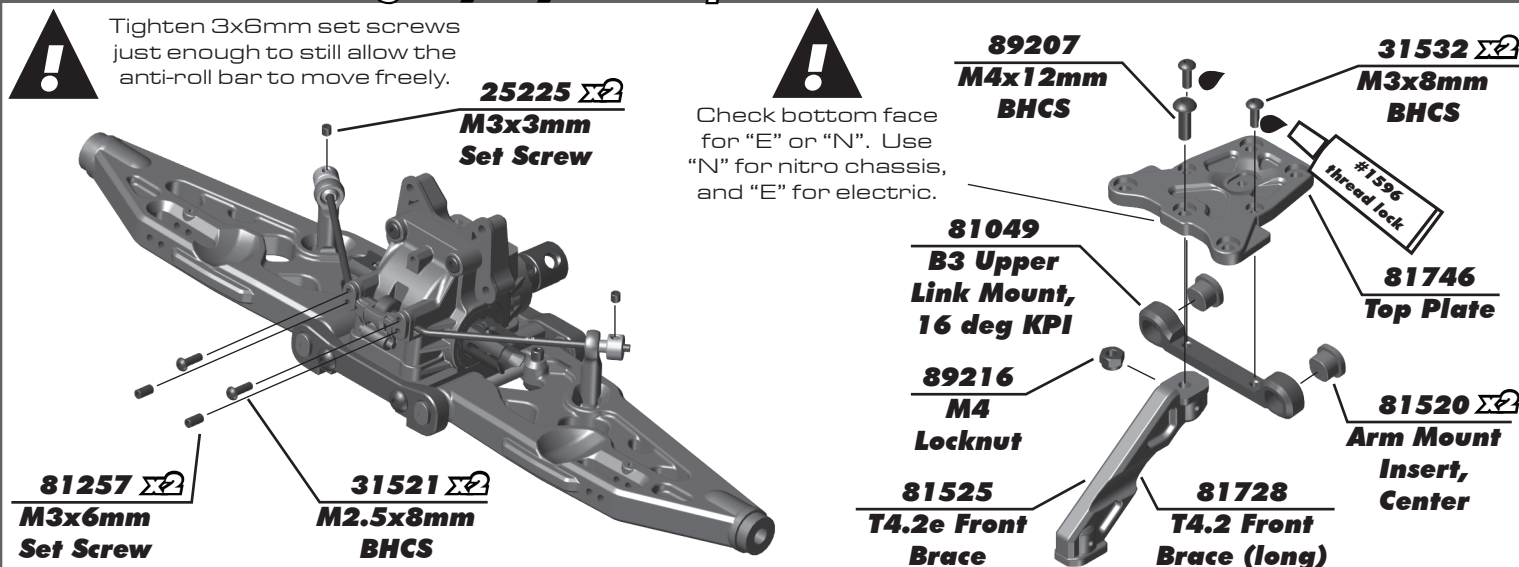
81585
**Anti-Roll
Bar
Collet**

25225
**3x3mm
Set Screw**

Note direction

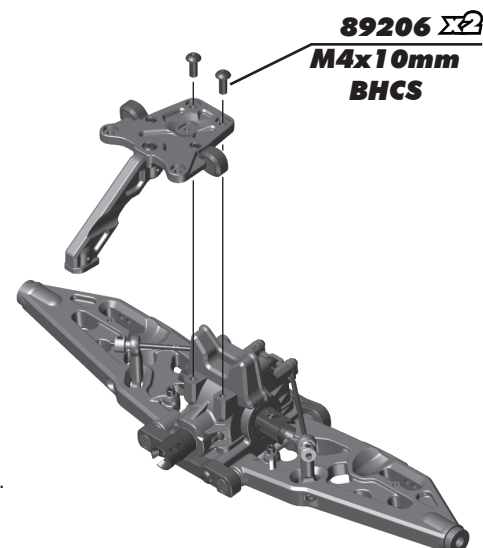
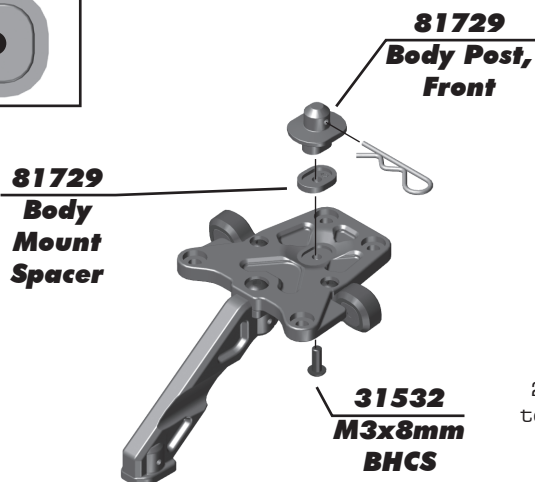
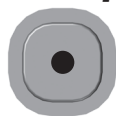
Center!

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



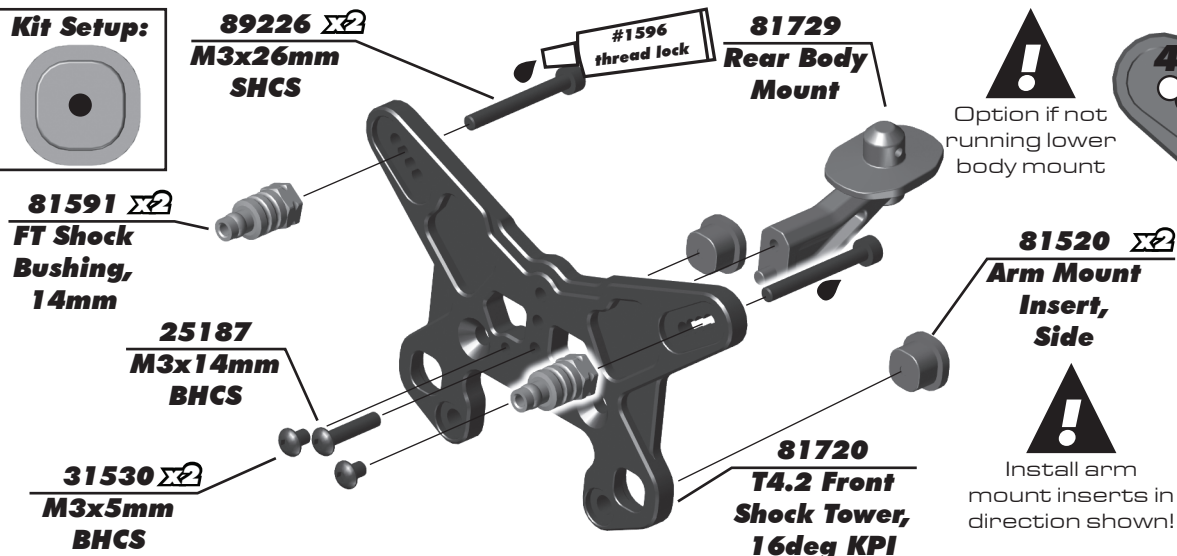
:: Front End Build - Bag 5.1, 5.2, 5.3 - Step 7

Kit Setup:



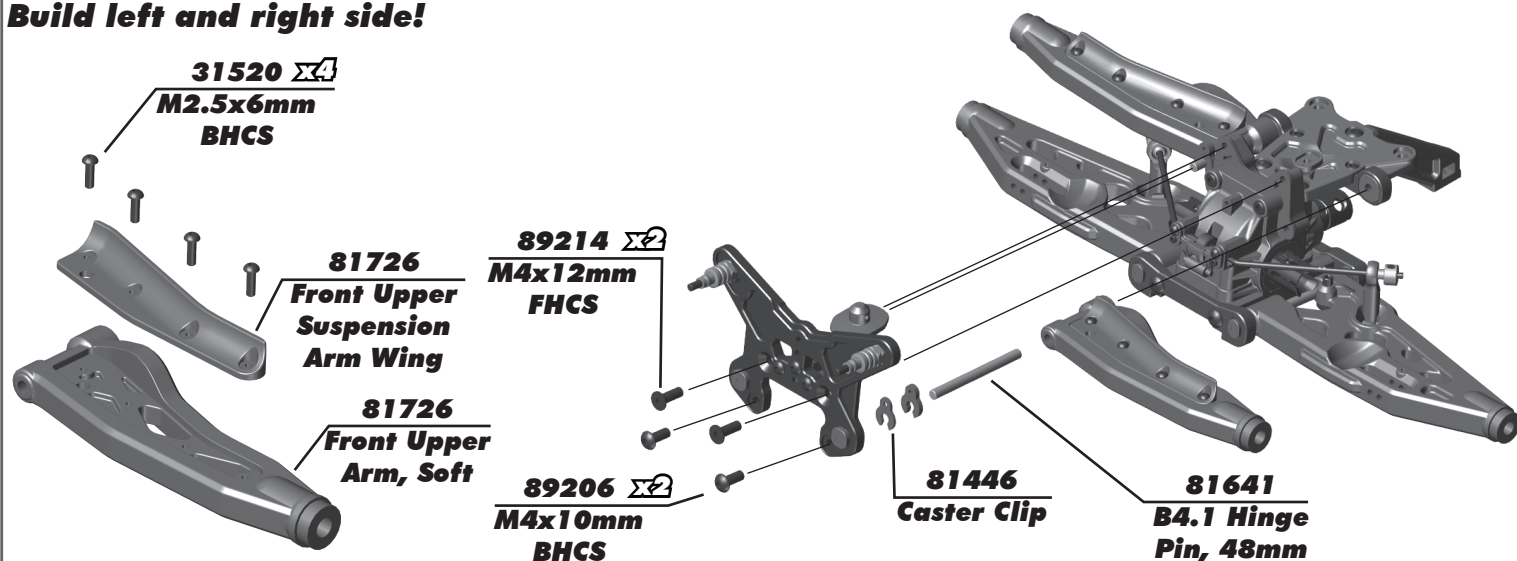
:: Front End Build - Bag 5.1, 5.2, 5.3 - Step 8

Kit Setup:



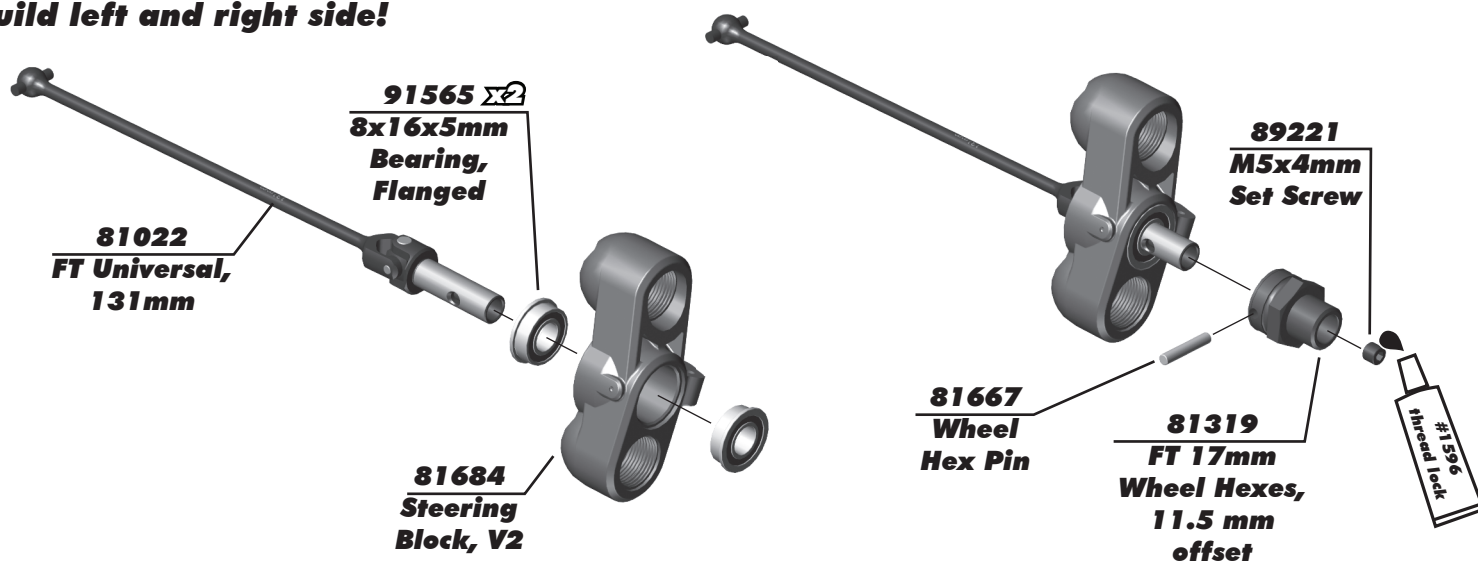
:: Front End Build - Bag 5.1, 5.2, 5.3 - Step 9

Build left and right side!



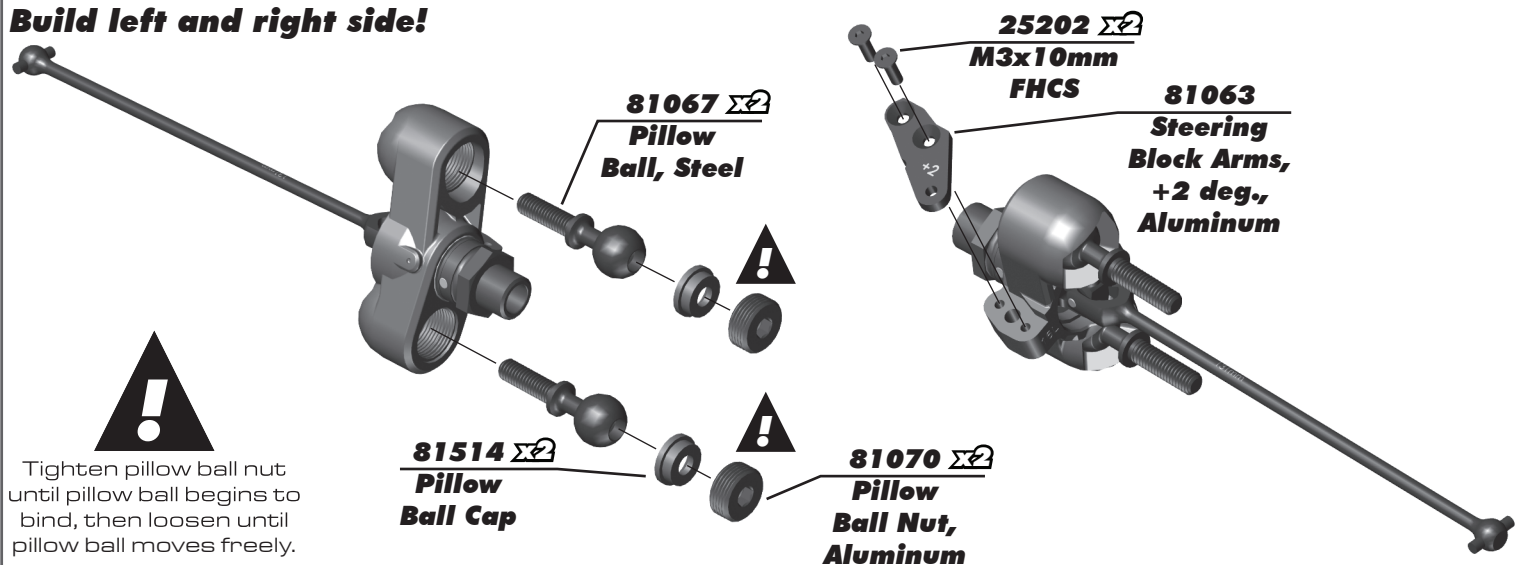
:: Steering Blocks Build - Bag 6.1 - Step 1

Build left and right side!

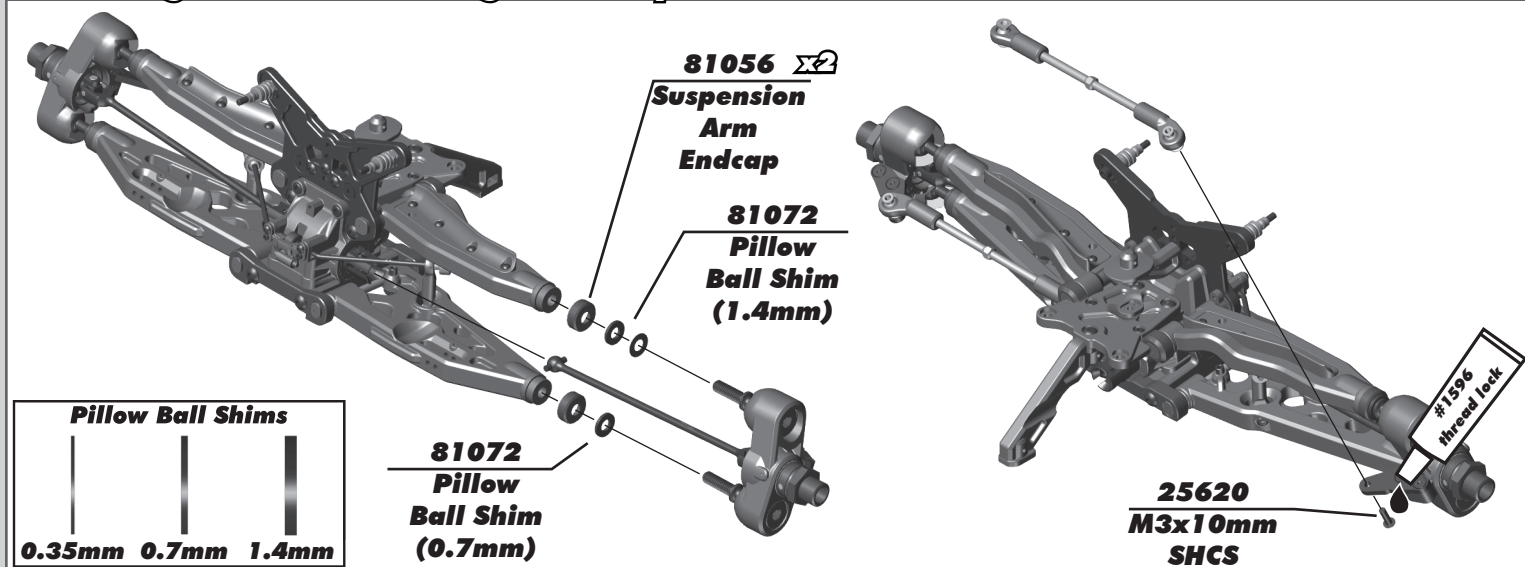


:: Steering Blocks Build - Bag 6.1 - Step 2

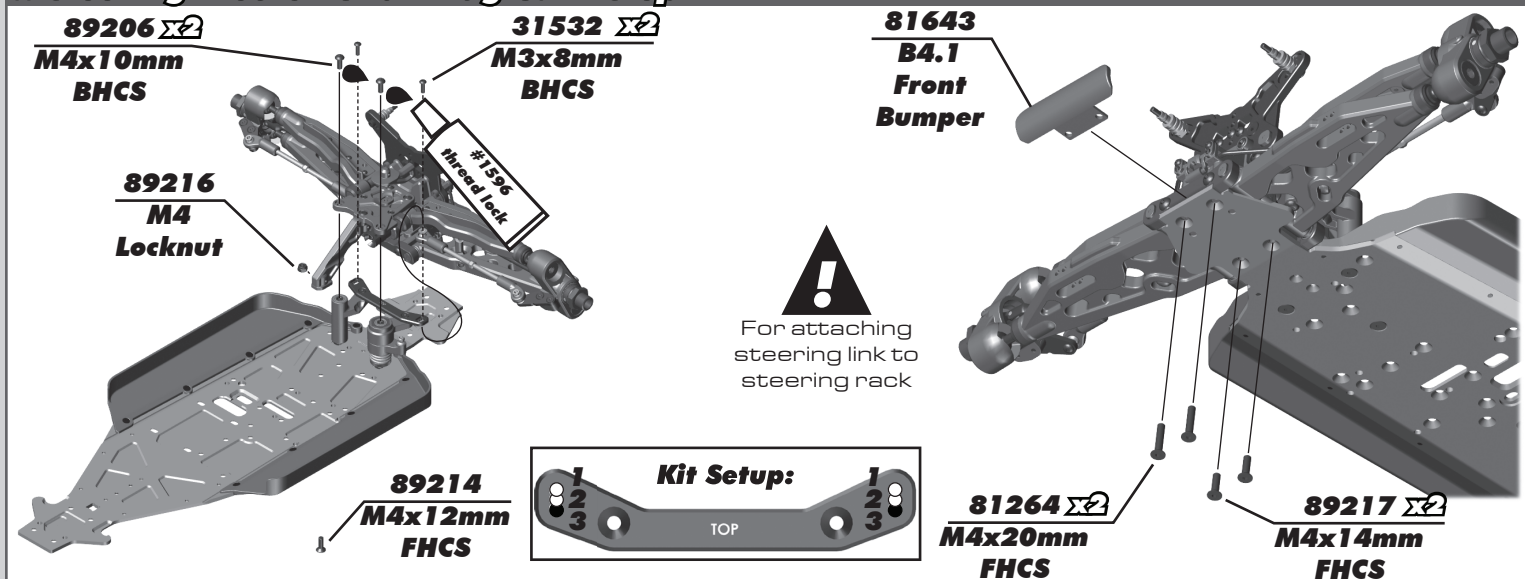
Build left and right side!



:: Steering Blocks Build - Bag 6.1 - Step 3



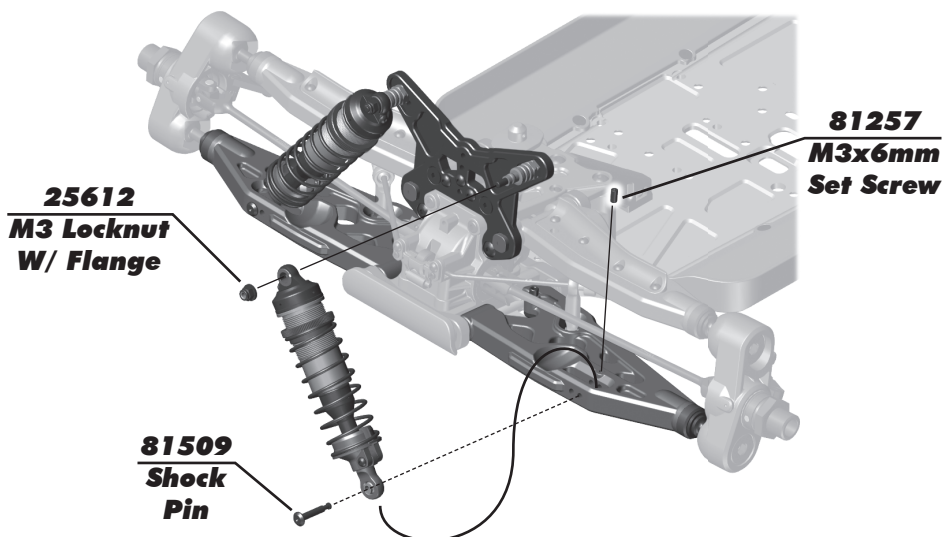
:: Steering Blocks Build - Bag 6.1 - Step 4



:: Steering Blocks Build - Bag 6.1 - Step 5

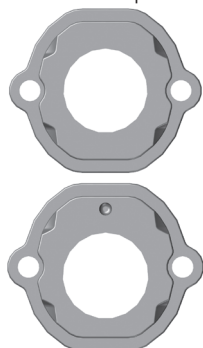
Kit Setup:

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,
T4.2 Kit +1
T4.2e Kit +1

4675
M2.5x6mm
FHCS

#6588
black grease

81007
Diff Pinion
Gear, 10T

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

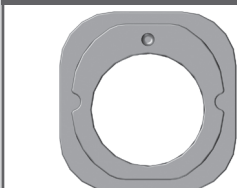
81565
Dogbone
Outdrive,
Rear

#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,
T4.2 Kit +1
T4.2e Kit +1

25620
M3x10mm
SHCS

81688
Anti-Roll
Bar Cap

81381
Diff Shim
13.5x15.8x0.20mm

! 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

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

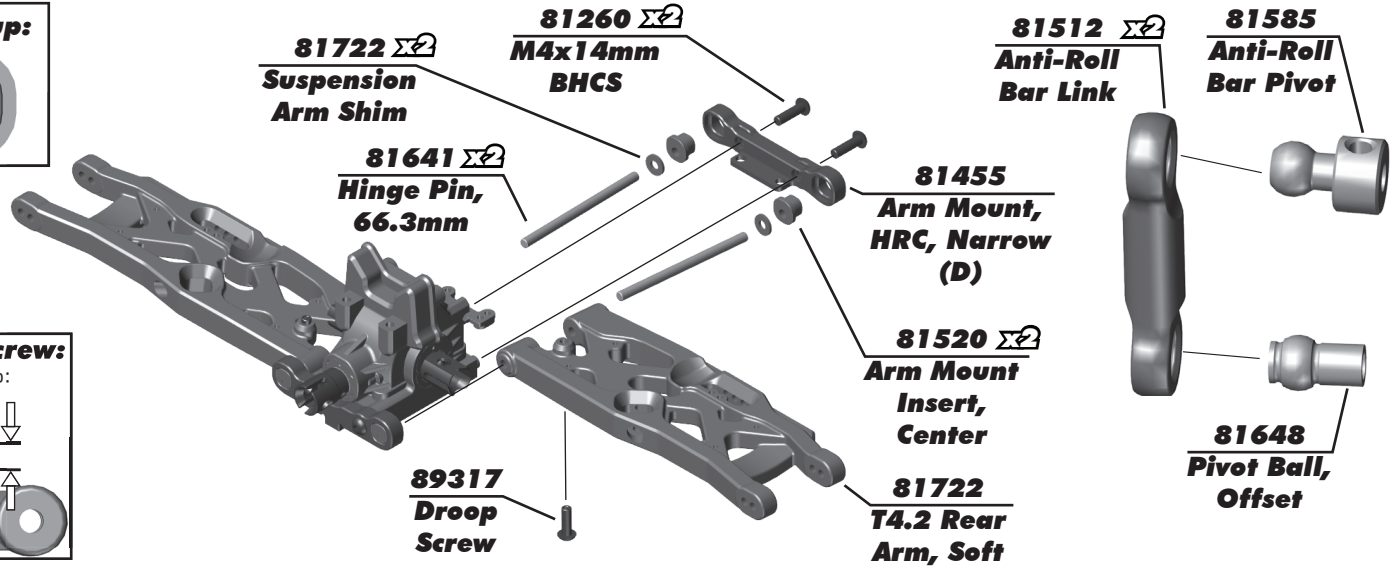
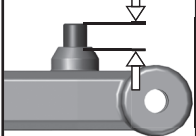
:: Rear End Build - Bag 7.1, 7.2, 7.3 - Step 4

Kit Setup:

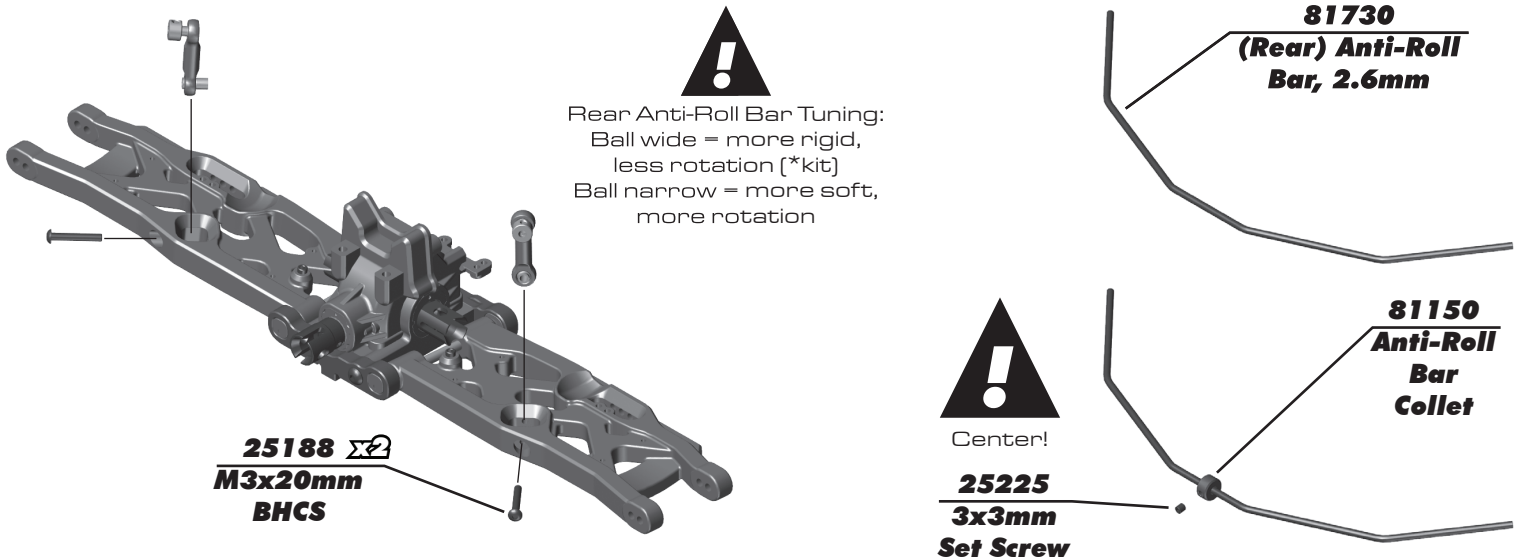


Drop Screw:

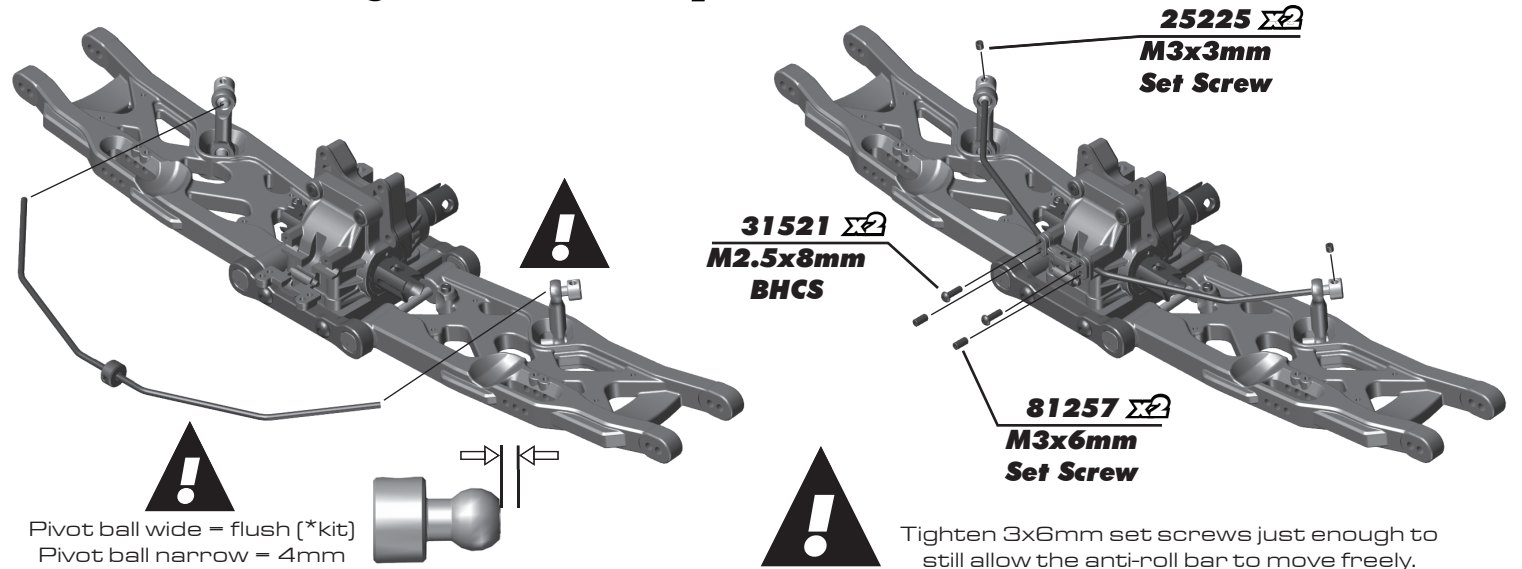
Kit Setup:
1.5mm



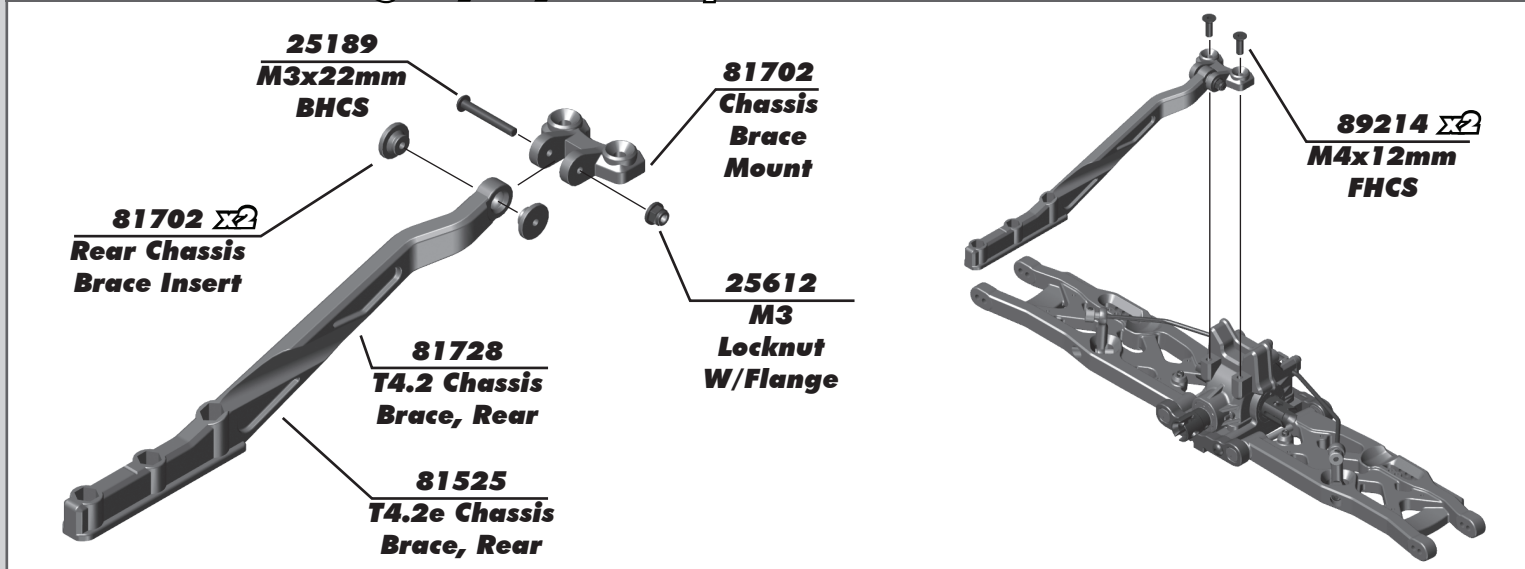
:: Rear End Build - Bag 7.1, 7.2, 7.3 - Step 5



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

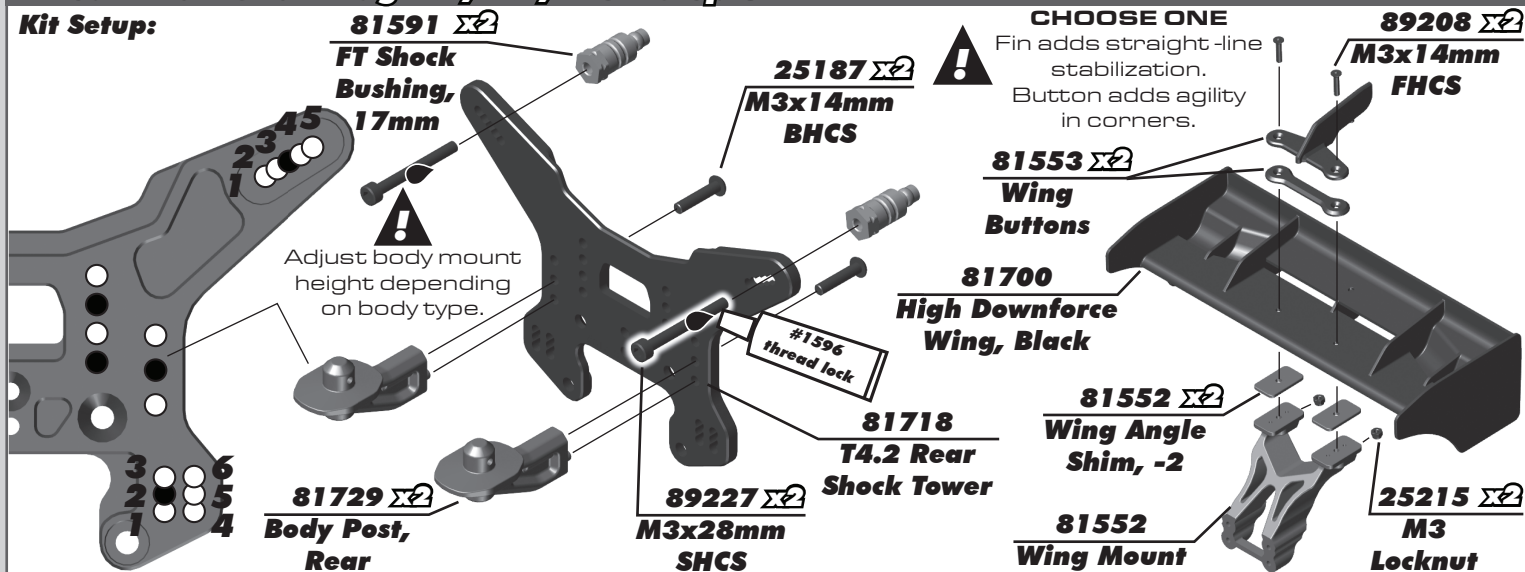


:: Rear End Build - Bag 7.1, 7.2, 7.3 - Step 7

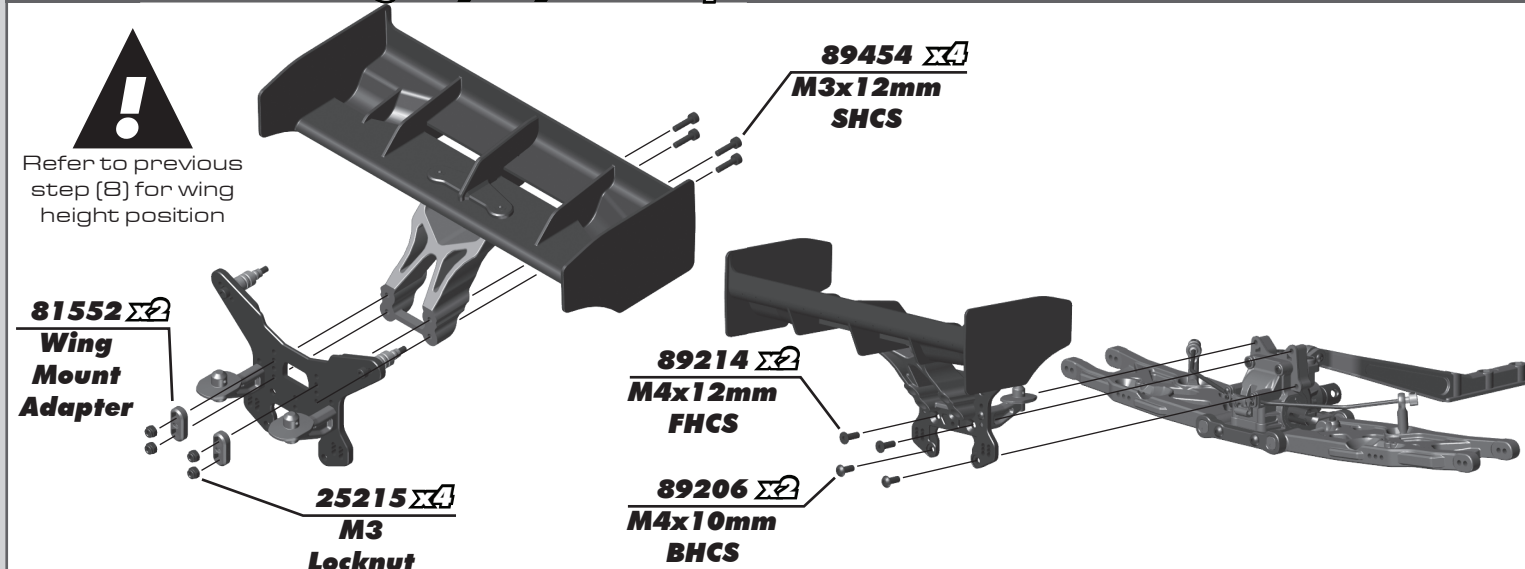


:: Rear End Build - Bag 7.1, 7.2, 7.3 - Step 8

Kit Setup:

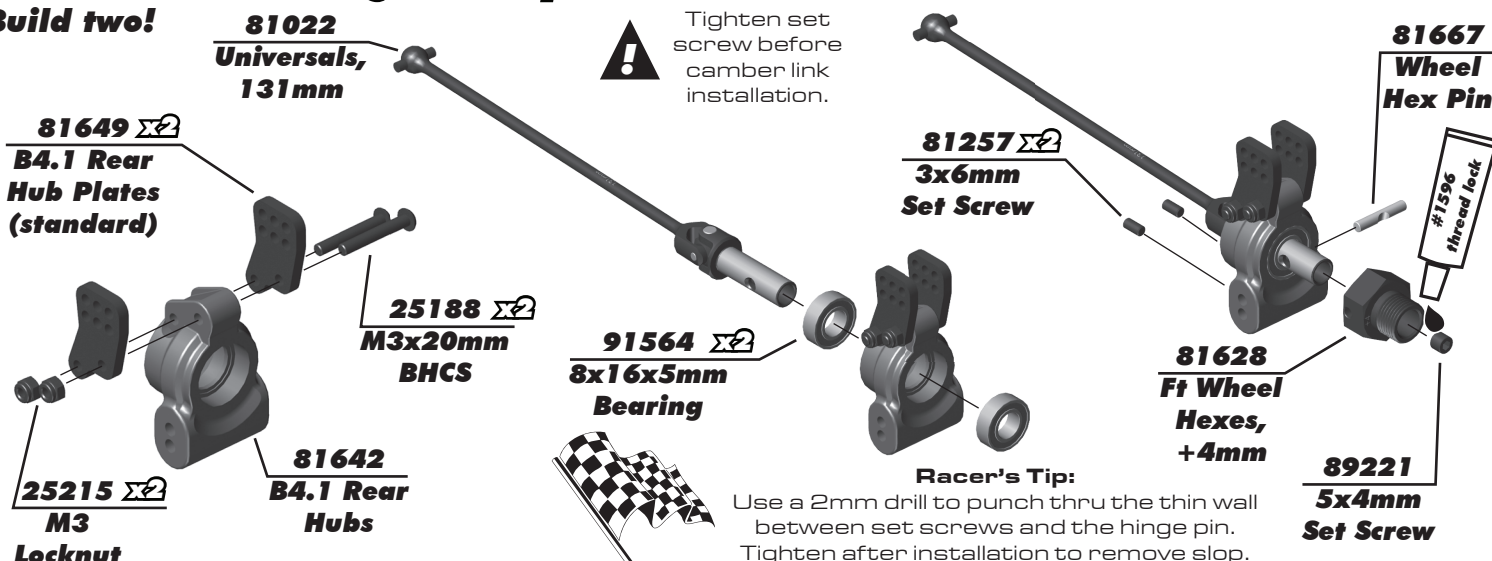


:: Rear End Build - Bag 7.1, 7.2, 7.3 - Step 9



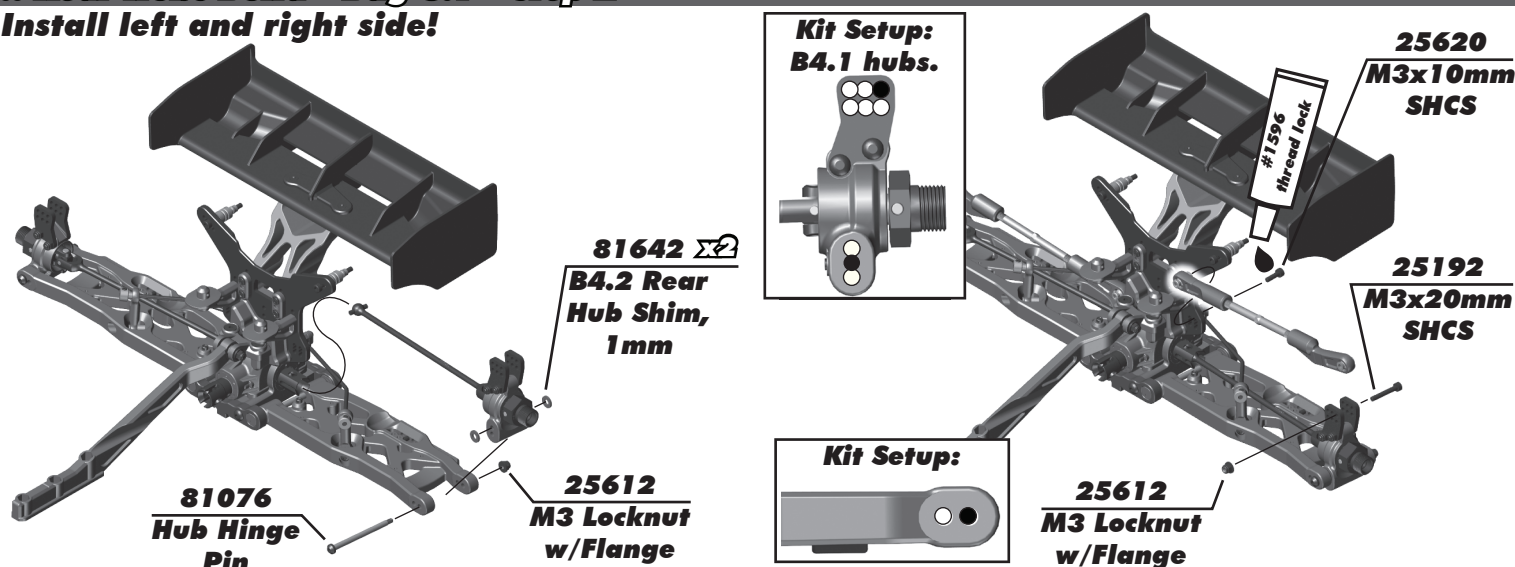
:: Rear Hubs Build - Bag 8.1 - Step 1

Build two!



:: Rear Hubs Build - Bag 8.1 - Step 2

Install left and right side!



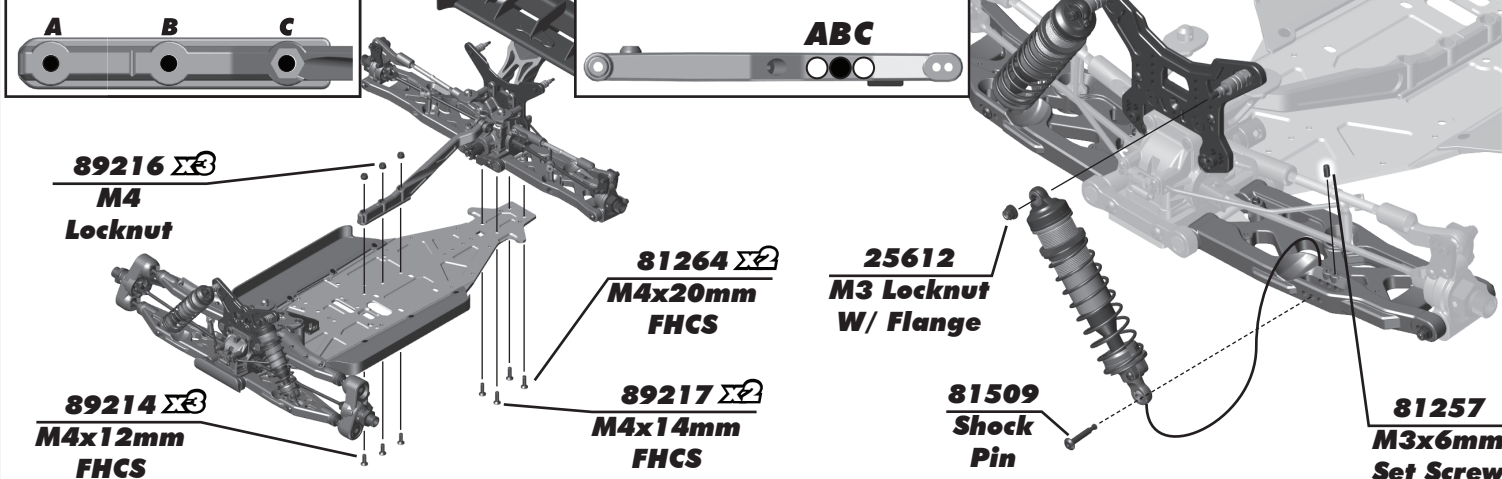
:: Rear Hubs Build - Bag 8.1 - Step 3

Tuning Tip:

Remove screw C or screw
C and B for increased flex.

Kit Setup:

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



:: RC8T4.2 / RC8T4.2e

If you are building an RC8T4.2e Electric kit, continue on to Center Bulkhead Build below this step.

If you are building an RC8T4.2 Nitro kit, go to page 23 to build the Center Bulkhead.

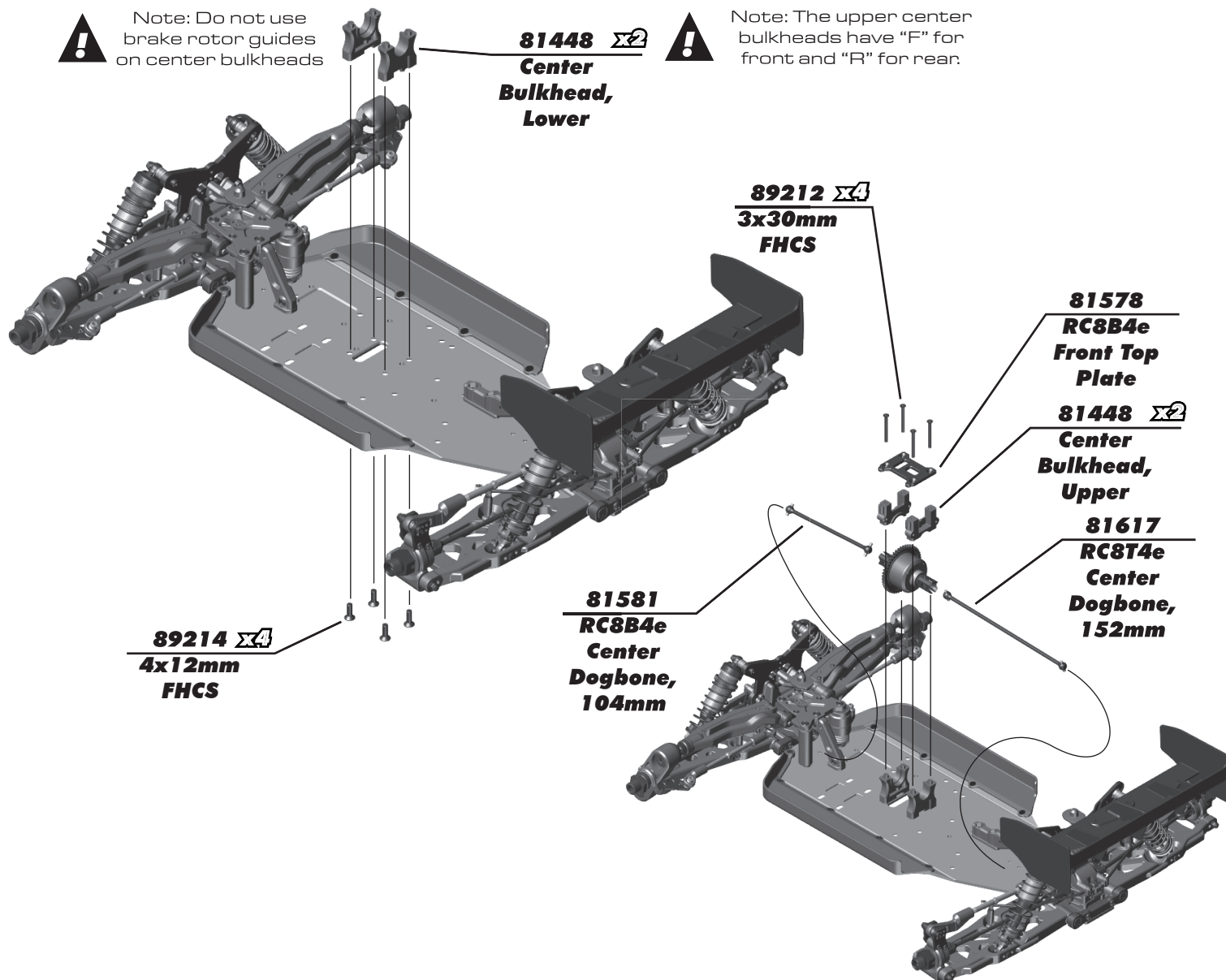
:: Center Bulkhead Build - 9.1 - Step 1 (RC8T4.2e)



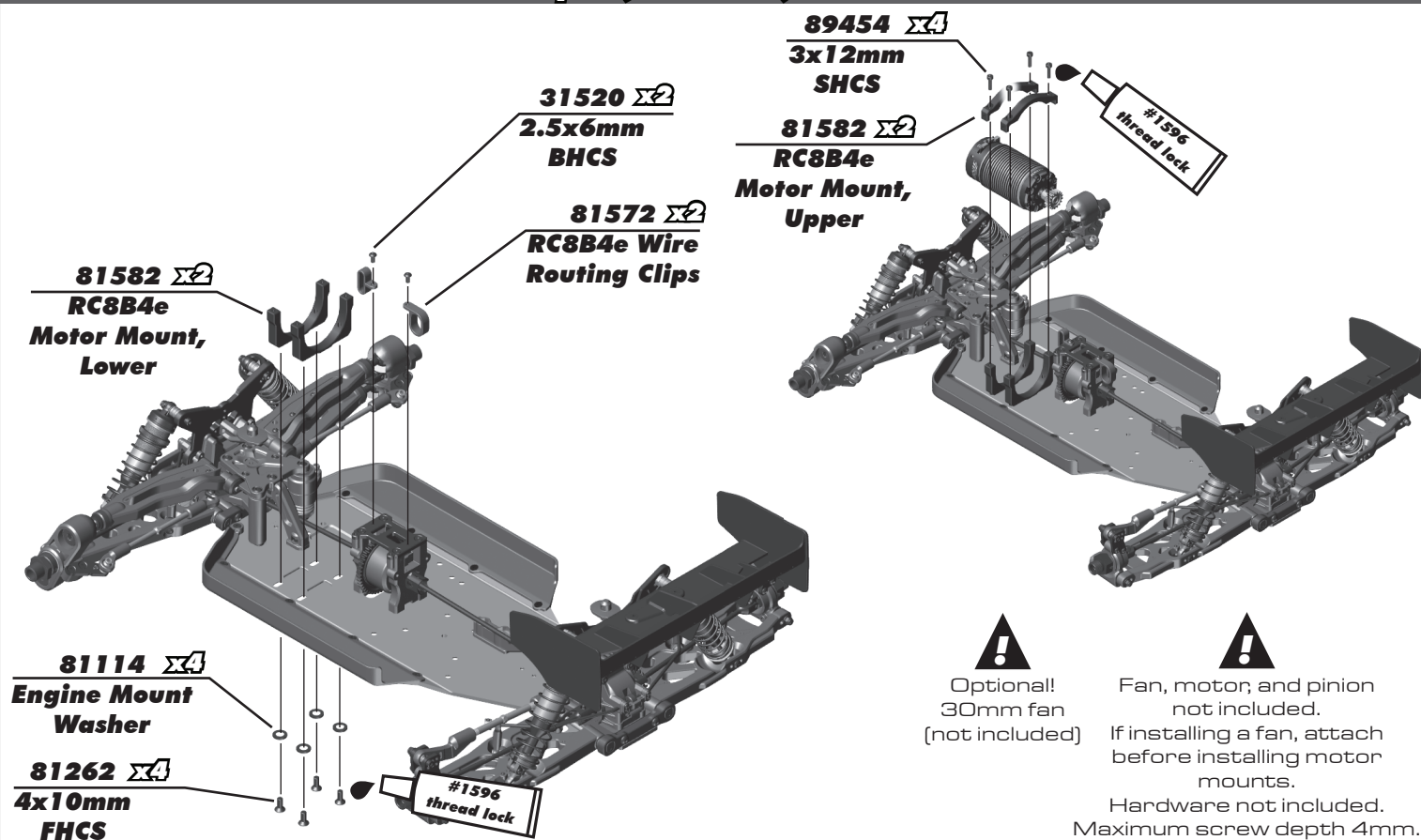
Note: Do not use brake rotor guides on center bulkheads



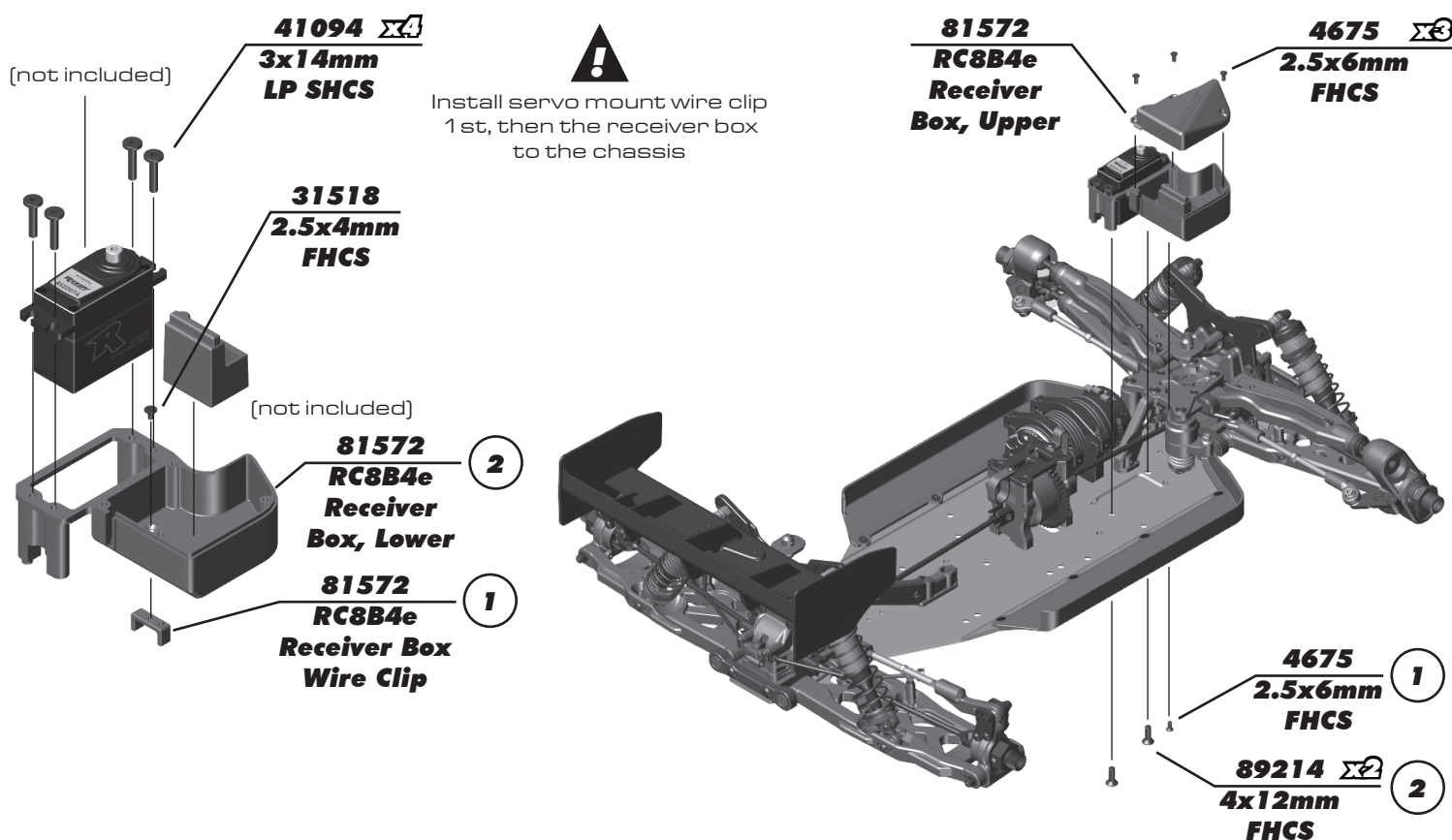
Note: The upper center bulkheads have "F" for front and "R" for rear.



:: Center Bulkhead Build - 9.1 - Step 2 (RC8T4.2e)



:: Center Bulkhead Build - 9.1 - Step 3 (RC8T4.2e)



:: Servo Horn Build - 10.1 - Step 4 (RC8T4.2e)

Spline Count



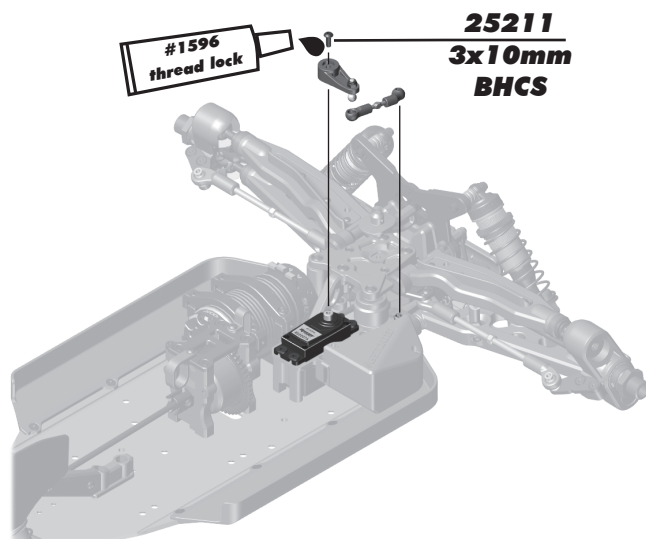
Printed here
23T
25T

81556
Servo Horn
(Steering)

81556
Servo Horn
Insert

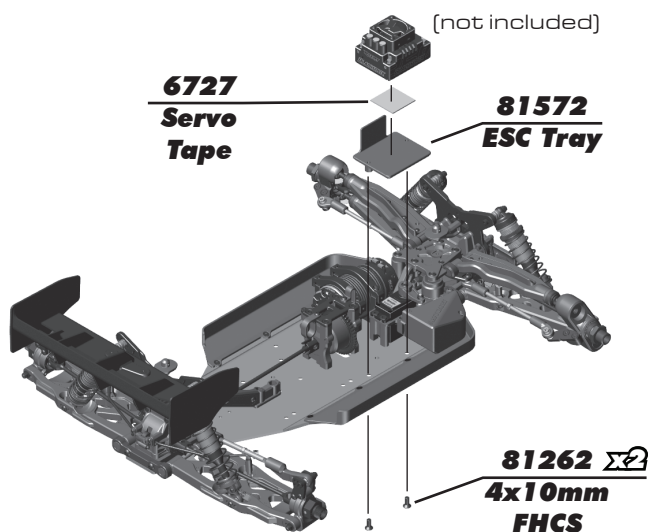
25215
M3
Locknut

91048
HD Ball
Stud, 8mm



:: Radio Tray Build - 11.1 - Step 1 / Battery Tray Build 12.1 - Step 1 (RC8T4.2e)

Build Two



81584 $\times 2$
Hook and
Loop Strap

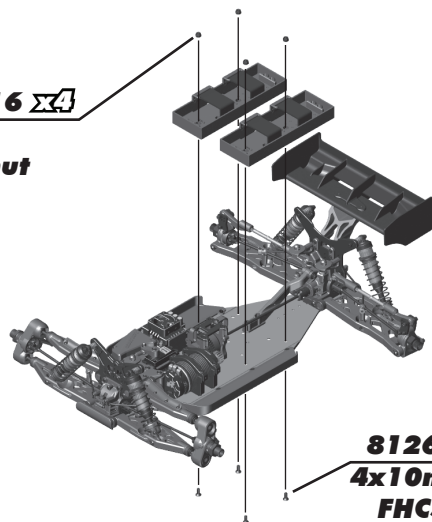
25201 $\times 4$
3x8mm
FHCS

81623 $\times 2$
T4e Battery
Tray Spacer

81623
T4e Battery
Tray

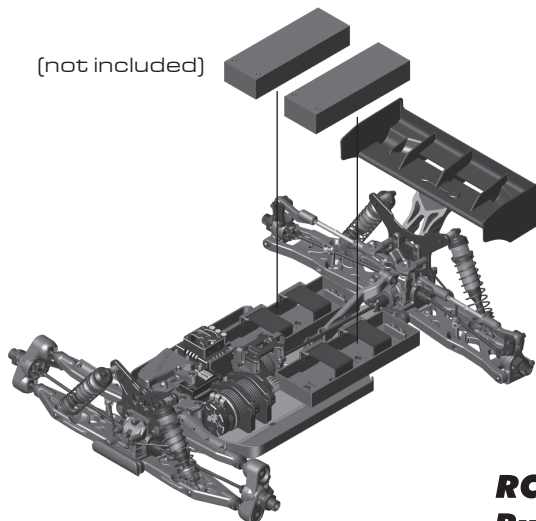
:: Battery Tray Build 12.1 - Step 2 (RC8T4.2e)

89216 $\times 4$
M4
Locknut



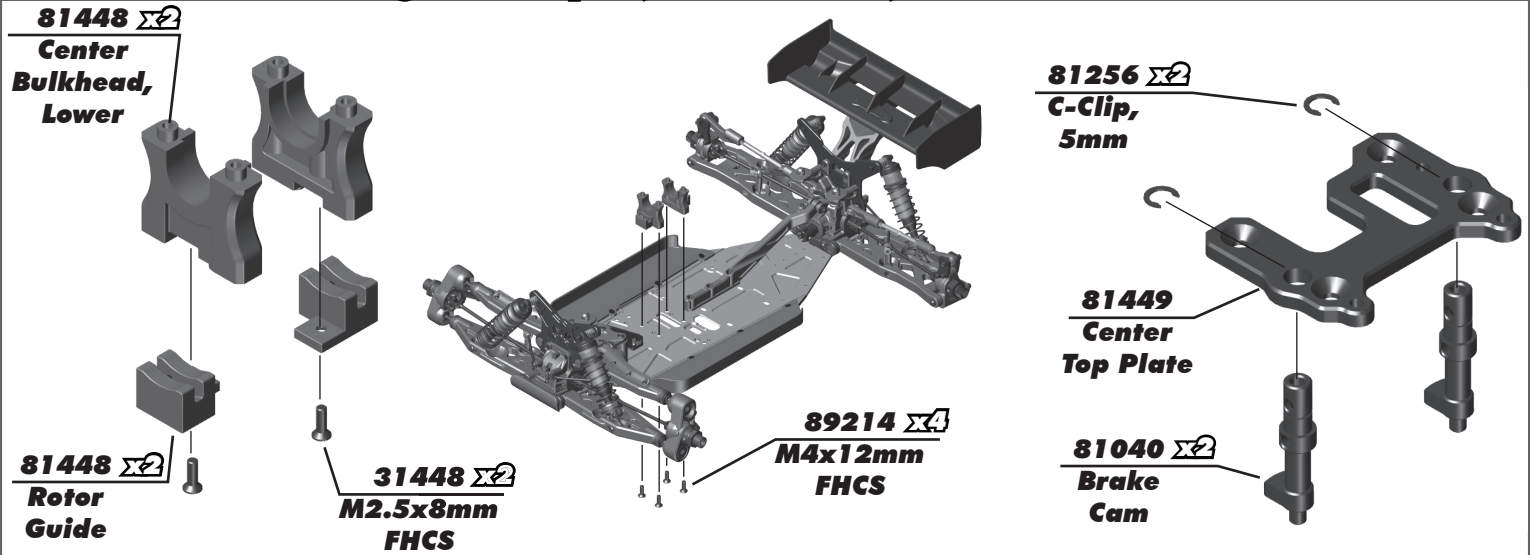
31262 $\times 4$
4x10mm
FHCS

(not included)

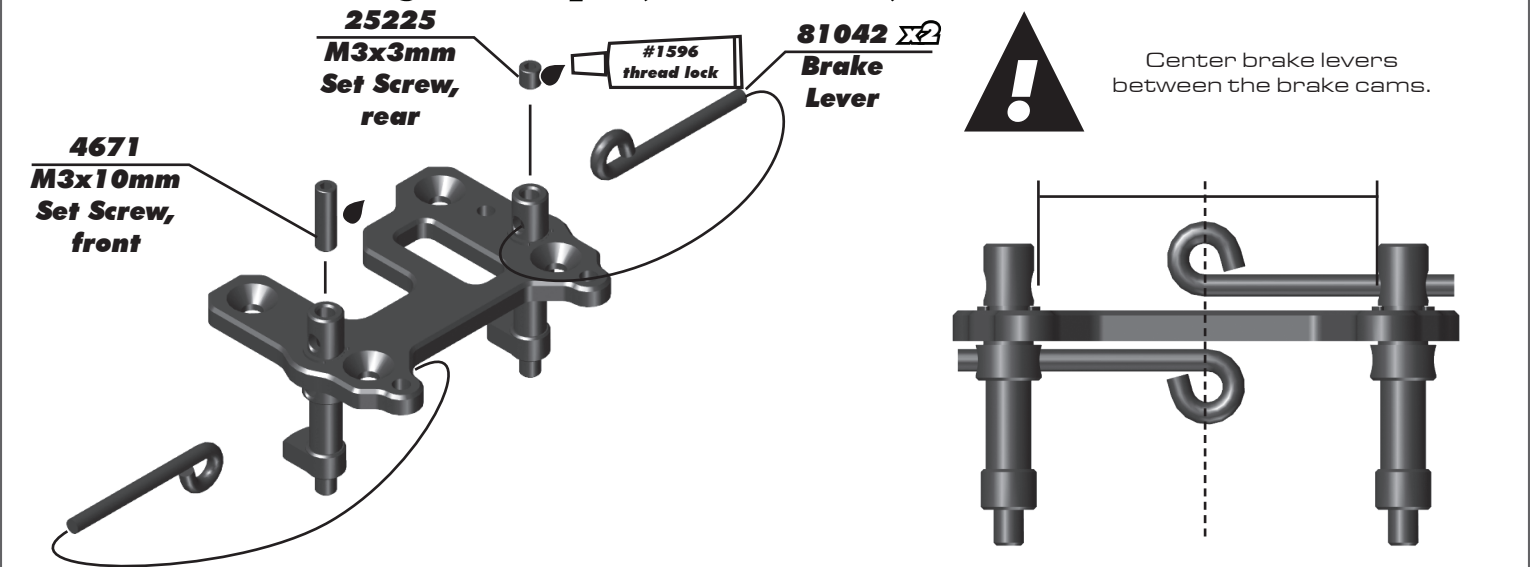


RC8T4.2e
Build End

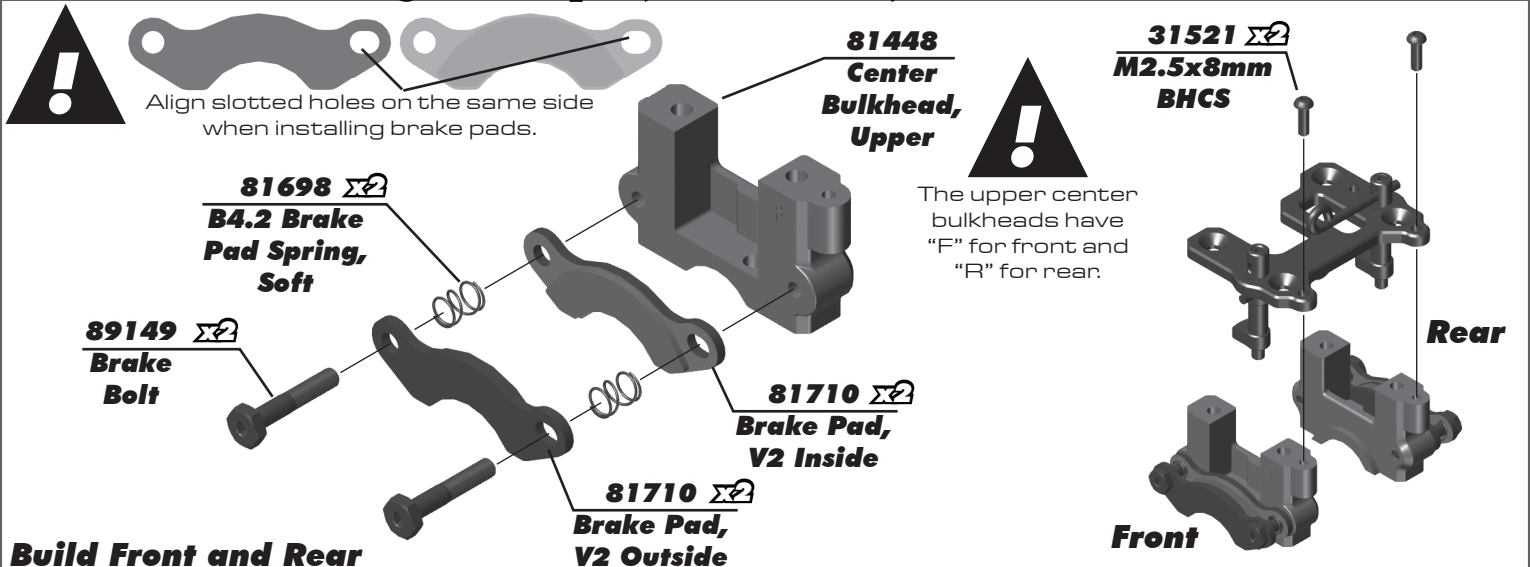
:: Center Bulkhead - Bag 9.1 - Step 1 (RC8T4.2 Nitro)



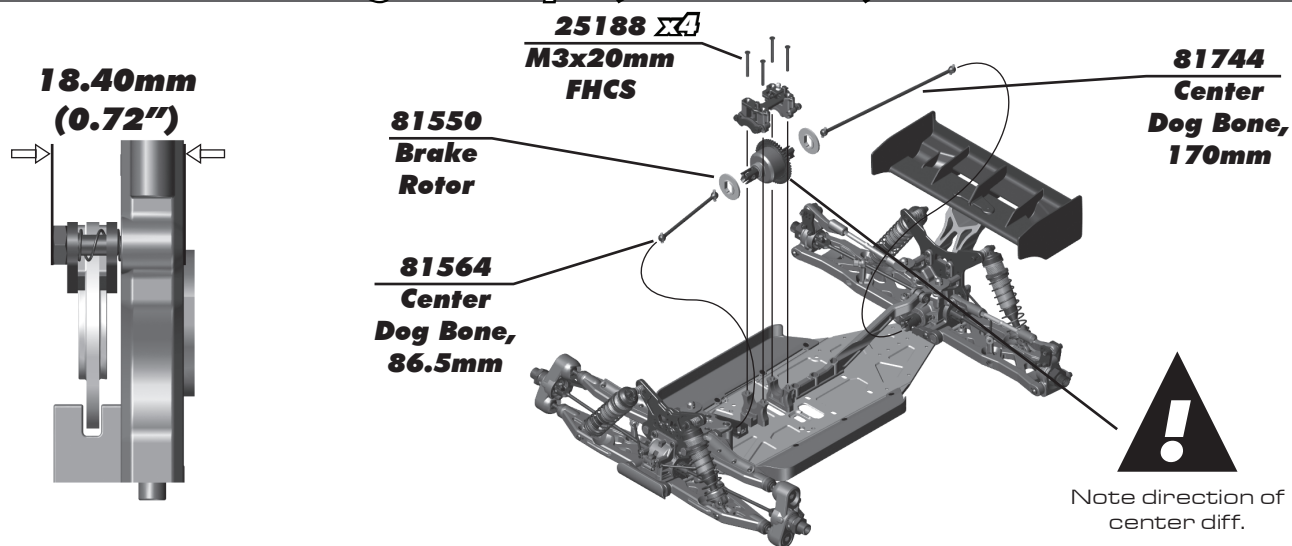
:: Center Bulkhead - Bag 9.1 - Step 2 (RC8T4.2 Nitro)



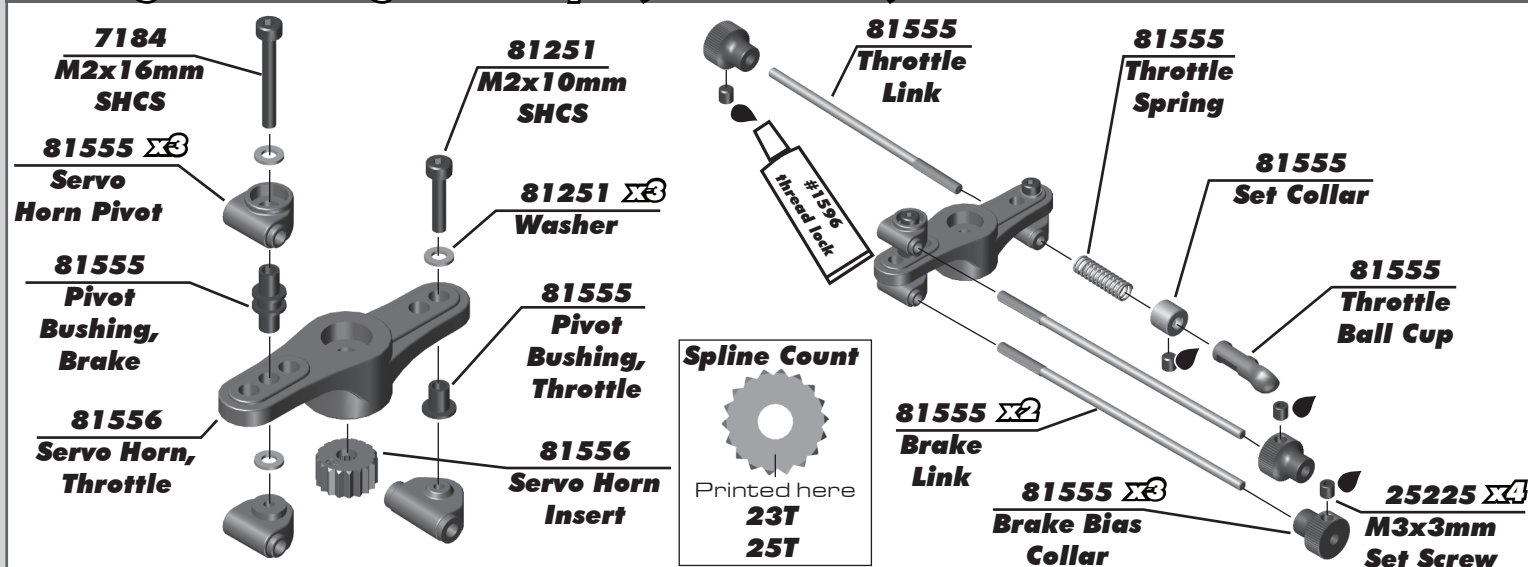
:: Center Bulkhead - Bag 9.1 - Step 3 (RC8T4.2 Nitro)



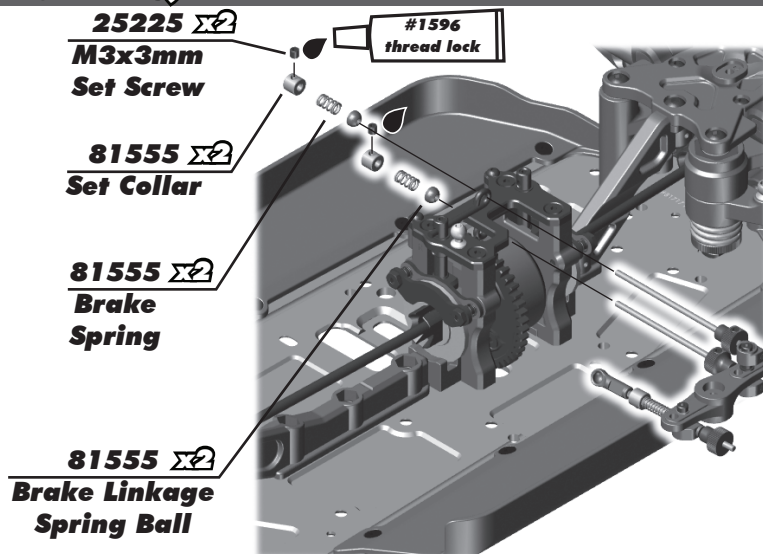
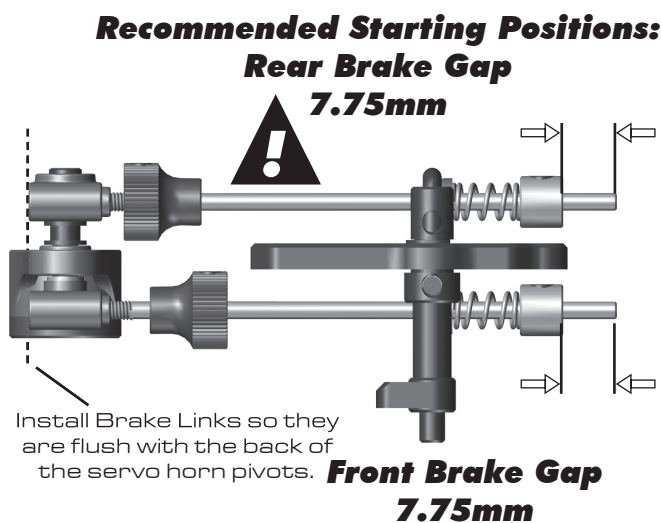
:: Center Bulkhead - Bag 9.1 - Step 4 (RC8T4.2 Nitro)



:: Linkages Build - Bag 10.1 - Step 1 (RC8T4.2 Nitro)



:: Linkages Build - Bag 10.1 - Step 2 (RC8T4.2 Nitro)



:: Linkages Build - Bag 10.1 - Step 3 (RC8T4.2 Nitro)

Spline Count

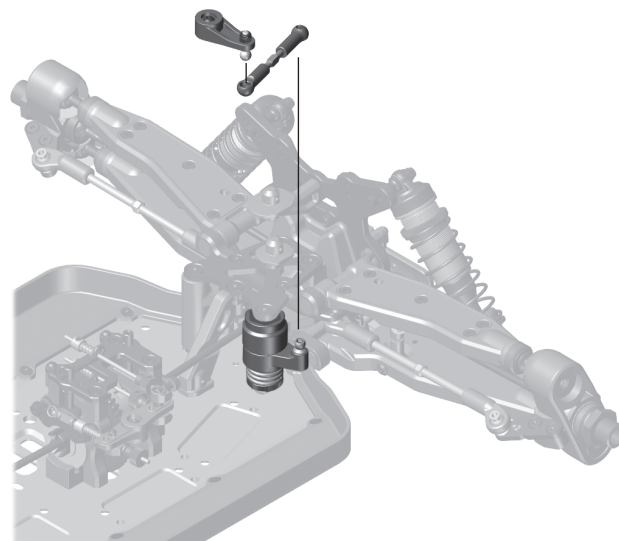


81556
Servo Horn
(Steering)

81556
Servo Horn
Insert

25215
M3
Locknut

91048
HD Ball
Stud, 8mm



:: Radio Tray Build - Bag 11.1 - Step 1 (RC8T4.2 Nitro)

Radio Tray Configuration:

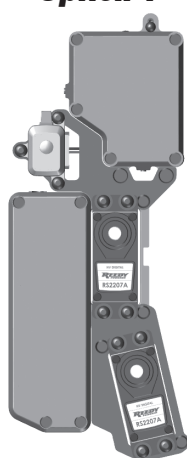
The radio tray on RC8B4 can be configured in four different ways. Each configuration changes the amount and location of flex in the chassis. Experiment with different configurations when running on different surfaces.

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

81433
Radio Tray
Spacer

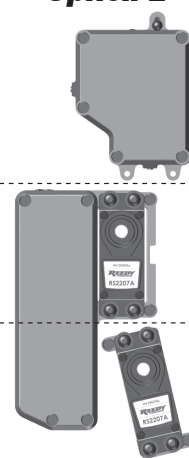


Option 1



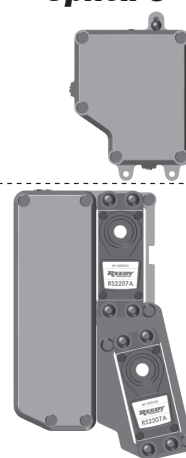
Least Flex
(Kit Setup)

Option 2



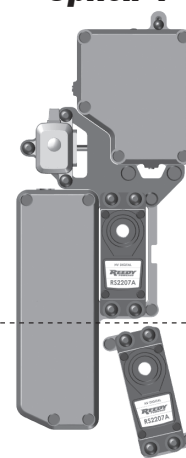
Most Flex

Option 3



More Rearward
Flex

Option 4



More Frontward
Flex

:: Radio Tray Build - Bag 11.1 - Step 2 (RC8T4.2 Nitro)

31448 $\times 4$
2.5x8mm
FHCS

81561
RCB4
Radio Brace

81433 $\times 2$
Radio
Tray Post

41094 $\times 4$
3x14mm
LP SHCS

Servo not
included!

41094 $\times 4$
3x14mm
LP SHCS

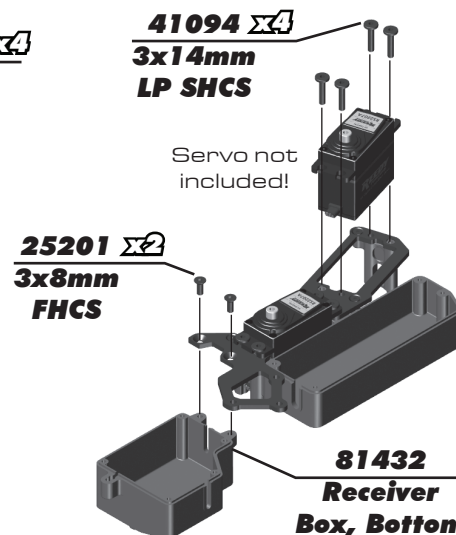
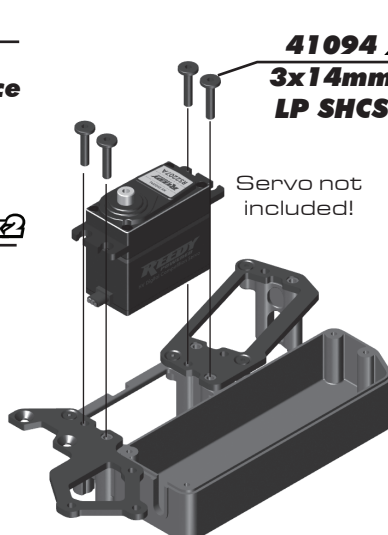
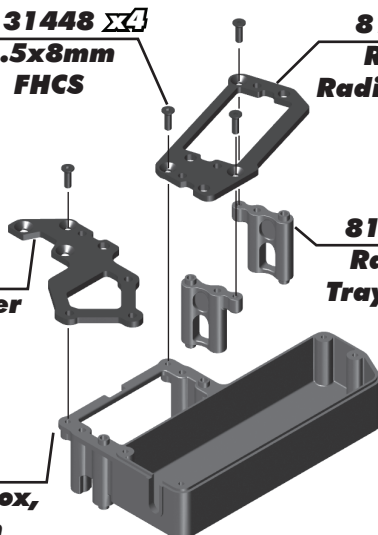
Servo not
included!

25201 $\times 2$
3x8mm
FHCS

81432
Receiver
Box, Bottom

81450
Transponder
Mount

81432
Battery Box,
Bottom



:: Radio Tray Build - Bag 11.1 - Step 3 (RC8T4.2 Nitro)

42007 $\Sigma 2$
**Receiver
Box
Grommet**

Receiver
not included!

6727
**Servo
Tape**

42007 $\Sigma 2$
**Grommet
Plug**

Receiver Battery
not included!

31448 $\Sigma 9$
**2.5x8mm
FHCS**

81432
**Receiver
Box, Top**

81432
**Battery
Box, Top**

:: Radio Tray Build - Bag 11.1 - Step 4 (RC8T4.2 Nitro)

25225
**3x3mm
Set Screw**

6338
**Antenna
Tube and
Cap**

Transponder
not included!

25215 $\Sigma 3$
M3 Locknut

25211 $\Sigma 3$
**3x10mm
BHCS**

On/Off switch
not included!

The switch and
transponder
positions can be
reversed if desired

Racer's Tip:
Center servos
before horn
installation!

25211 $\Sigma 2$
**3x10mm
FHCS**

#1596
thread lock

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

89214 $\Sigma 6$
**4x12mm
FHCS**

:: Clutch / Filter Build - Bag 12.1, 12.2 - Step 1 (RC8T4.2 Nitro)

81372
**Flywheel
Nut**

Racer's Tip:
No thread lock
on the flywheel
nut.

Engine
not included!

81371
**Flywheel
Collet**

81370
**Flywheel,
4-Shoe**

See next step for
clutch shoe/spring
installation order!

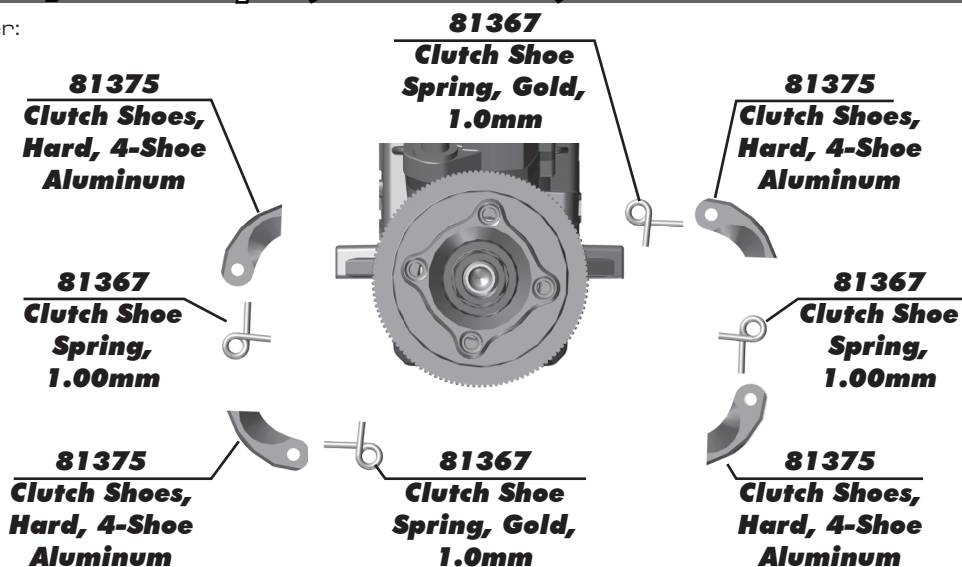
81373 $\Sigma 4$
**Clutch
Shoe Pins**

:: Clutch / Filter Build - Bag 12.1, 12.2 - Step 2 (RC8T4.2 Nitro)

Clutch Shoe / Spring Installation Order:



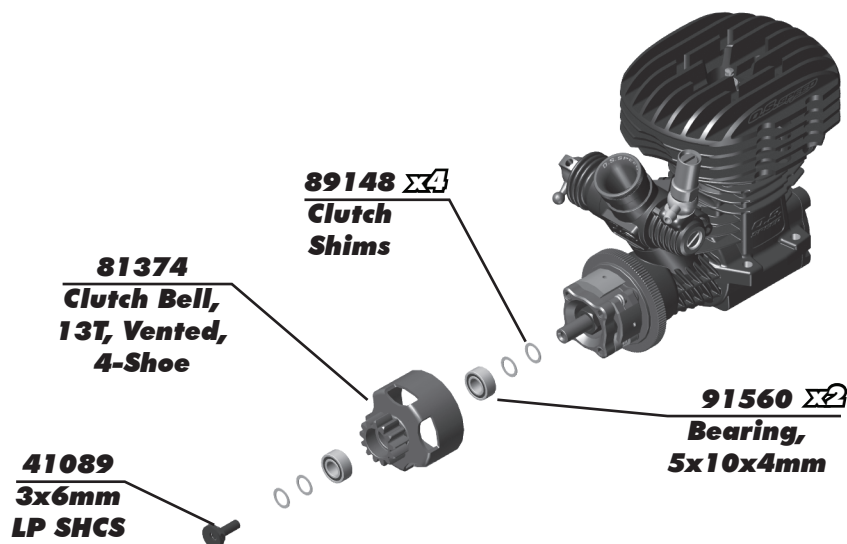
Short end of clutch shoe spring
installed into flywheel.
Long end of clutch shoe spring
installed into clutch shoe.



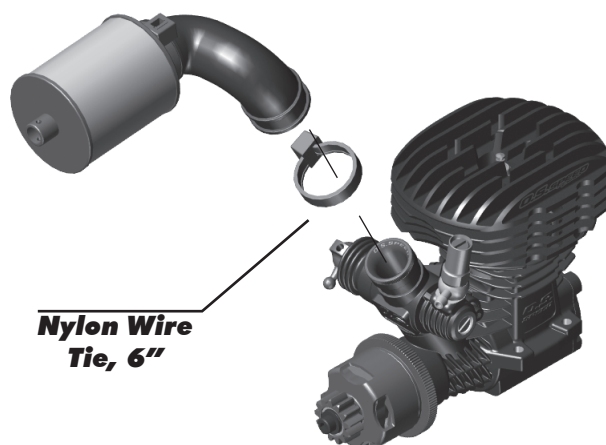
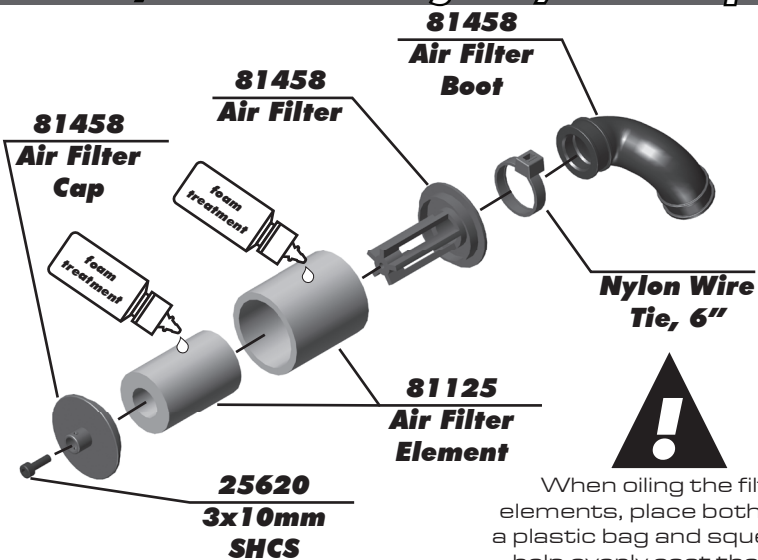
:: Clutch / Filter Build - Bag 12.1, 12.2 - Step 3 (RC8T4.2 Nitro)

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

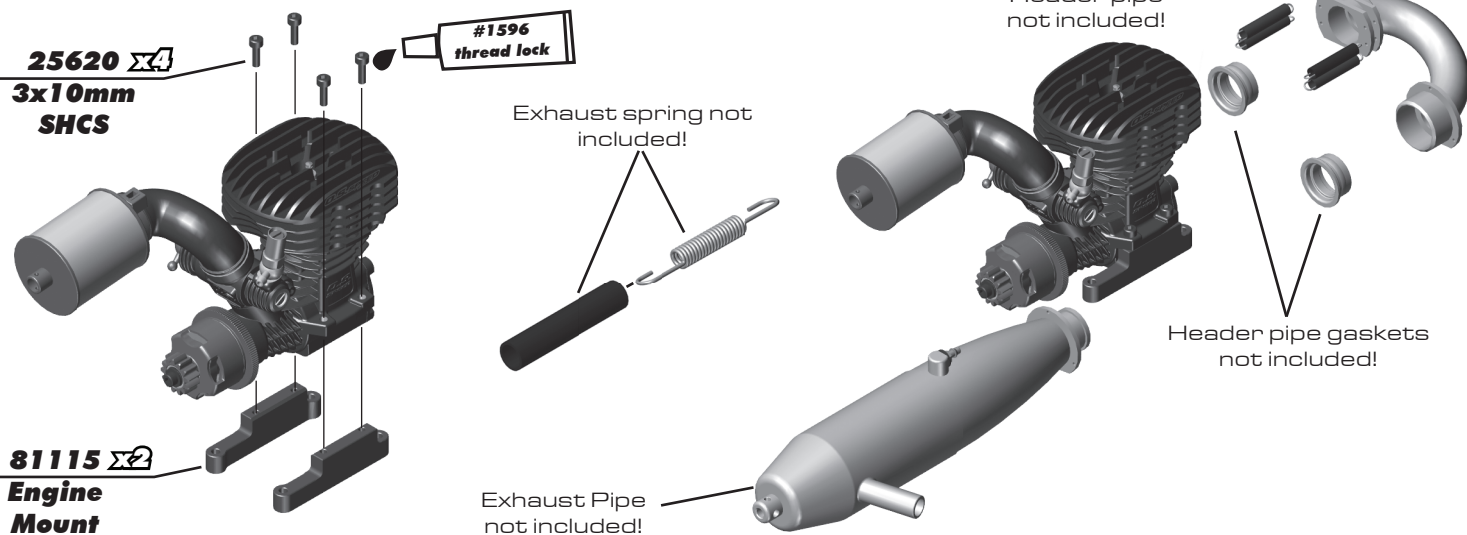


:: Clutch / Filter Build - Bag 12.1, 12.2 - Step 4 (RC8T4.2 Nitro)

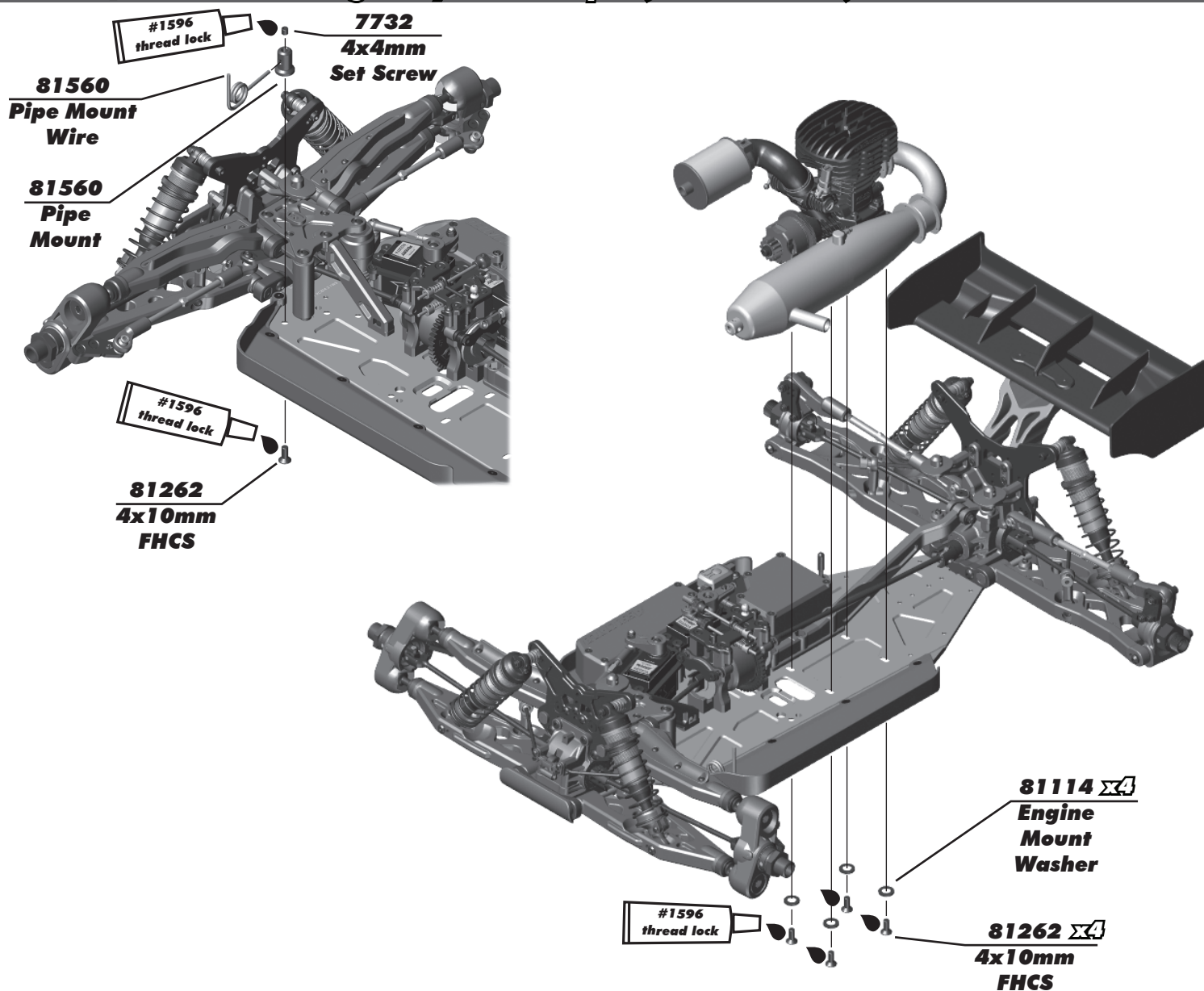


When oiling the filter elements, place both inside a plastic bag and squeeze to help evenly coat the filter.

:: Clutch / Filter Build - Bag 12.1, 12.2 - Step 5 (RC8T4.2 Nitro)



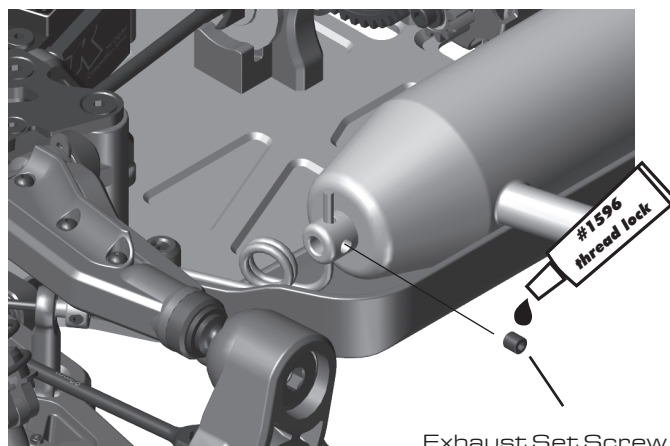
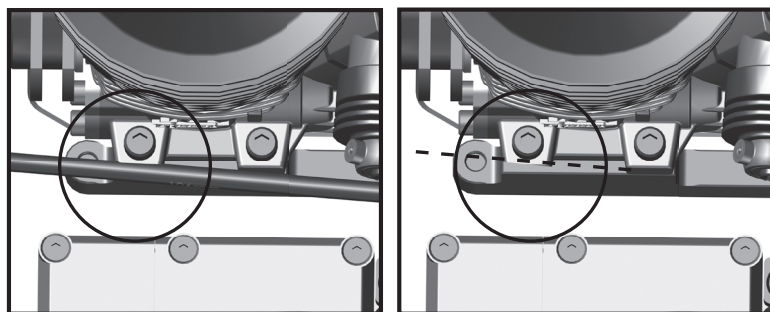
:: Clutch / Filter Build - Bag 12.1, 12.2 - Step 6 (RC8T4.2 Nitro)



:: Clutch / Filter Build - Bag 12.1, 12.2 - Step 7 (RC8T4.2 Nitro)

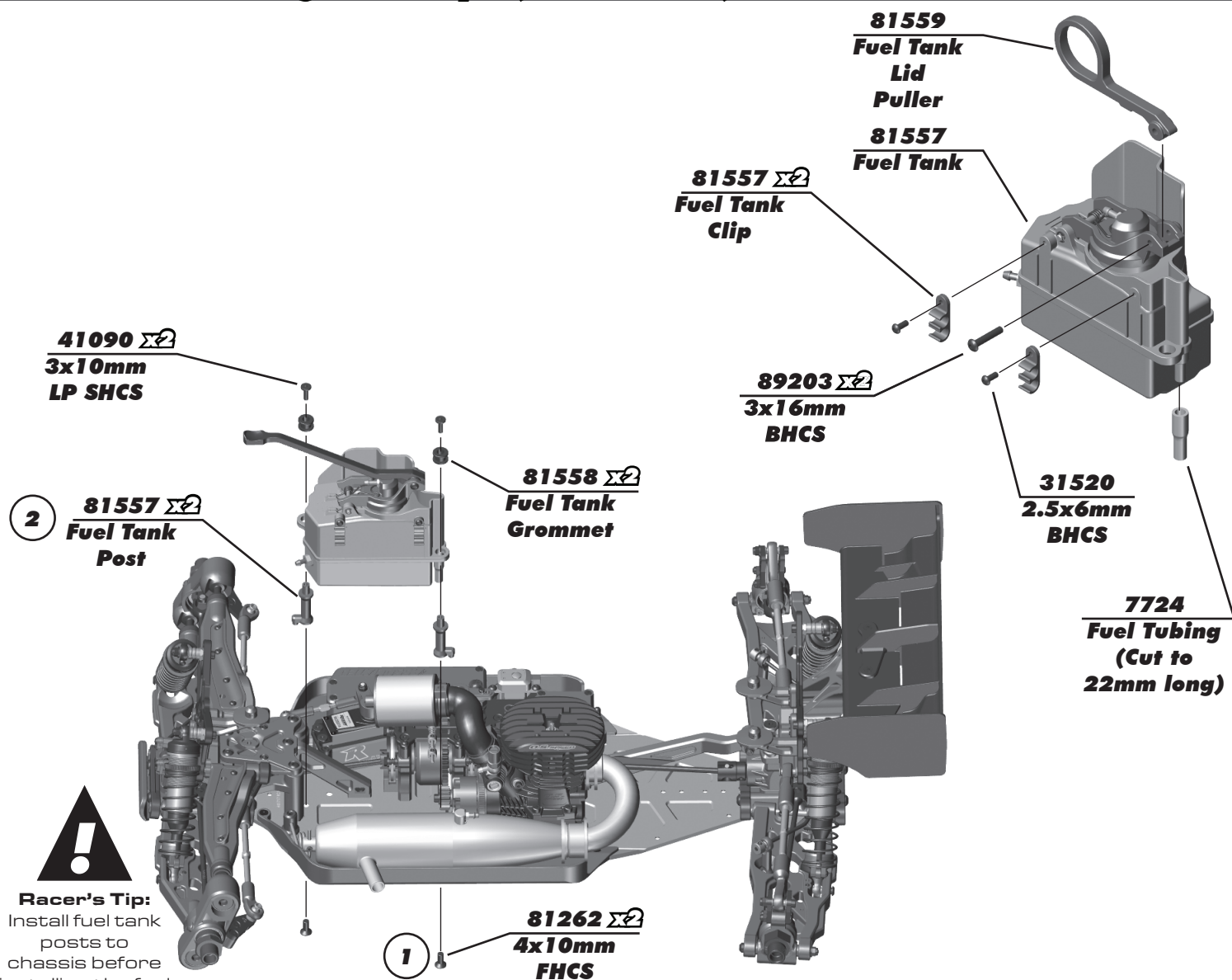


When installing your engine, make sure the rear drive shaft does not interfere with the engine block. You may need to remove material from the engine block for fitment.



Exhaust Set Screw
not included!

:: Fuel Tank Build - Bag 13.1 - Step 1 (RC8T4.2 Nitro)

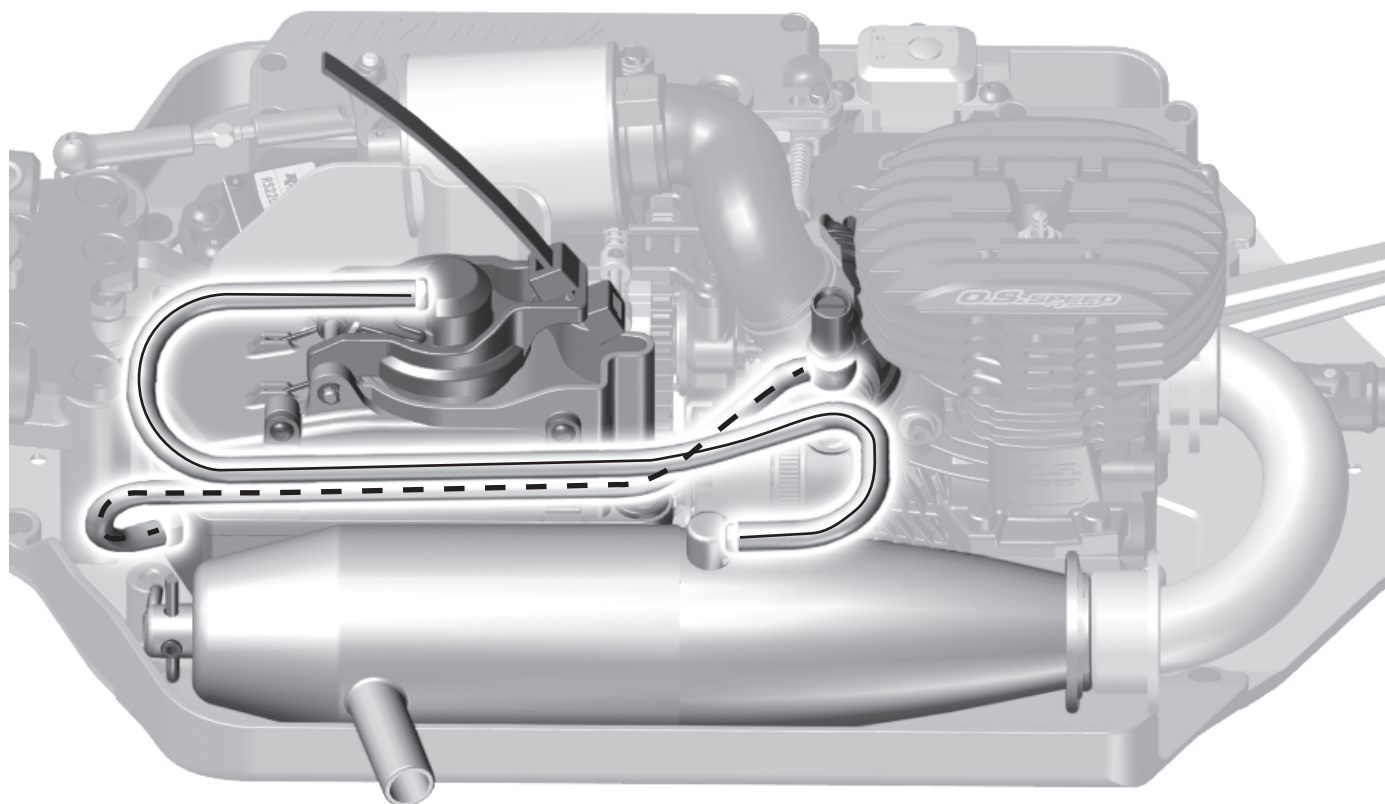


Racer's Tip:
Install fuel tank posts to chassis before installing the fuel tank.

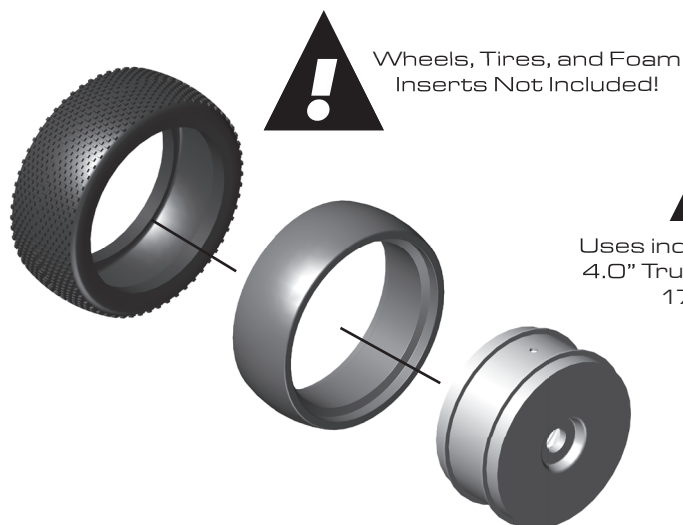
:: Fuel Tank Build - Bag 13.1 - Step 2 (RC8T4.2 Nitro)

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

**Fuel line from fuel
tank to carburetor**



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



Wheels, Tires, and Foam
Inserts Not Included!

Uses industry standard
4.0" Truggy wheels with
17mm hex.



**Build four
wheels/
tires**

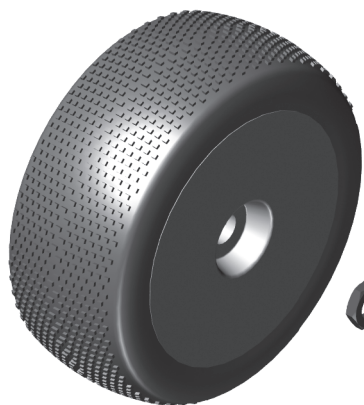
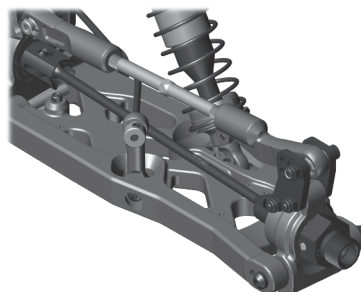
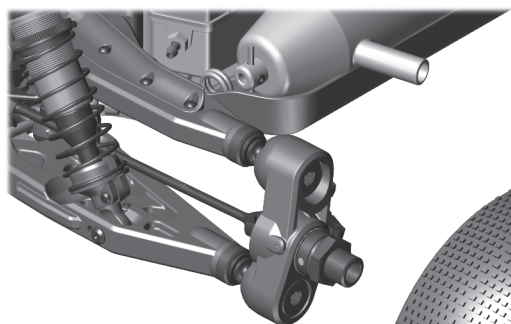
Tires:

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.

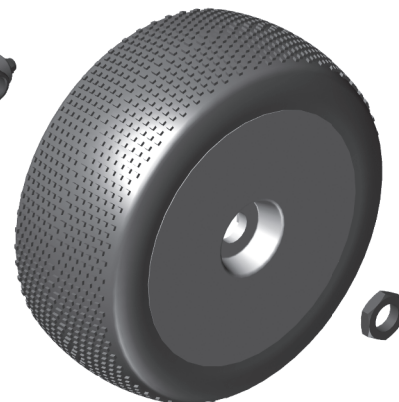
:: Wheels / Tires / Body - Misc. - Step 2



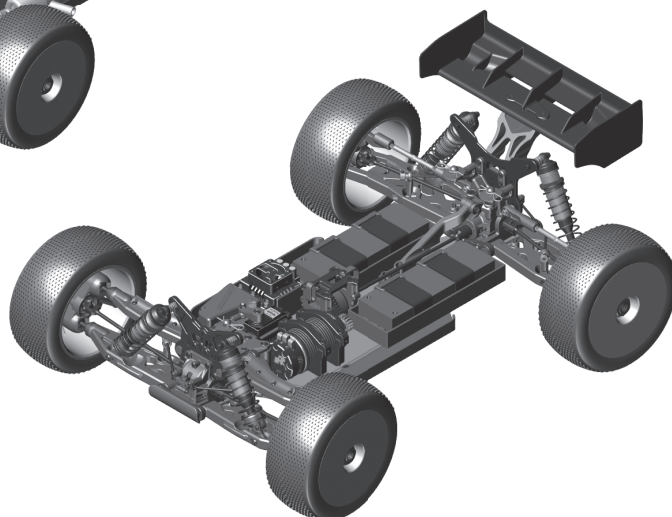
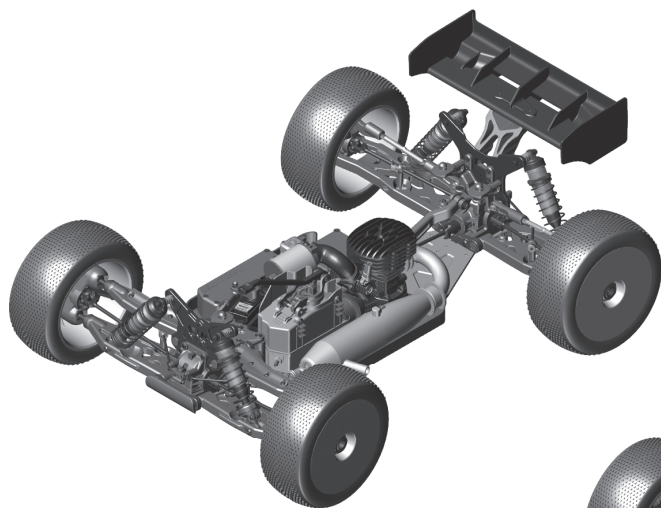
Install wheel nuts with the serrated edge towards the wheel.



81082 
Wheel Nuts,
17mm
(Blue)



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



Painting Tips:

Your kit requires a clear polycarbonate body. You will need to prep the body before you can paint it. Wash the inside thoroughly with warm water and liquid detergent. 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!

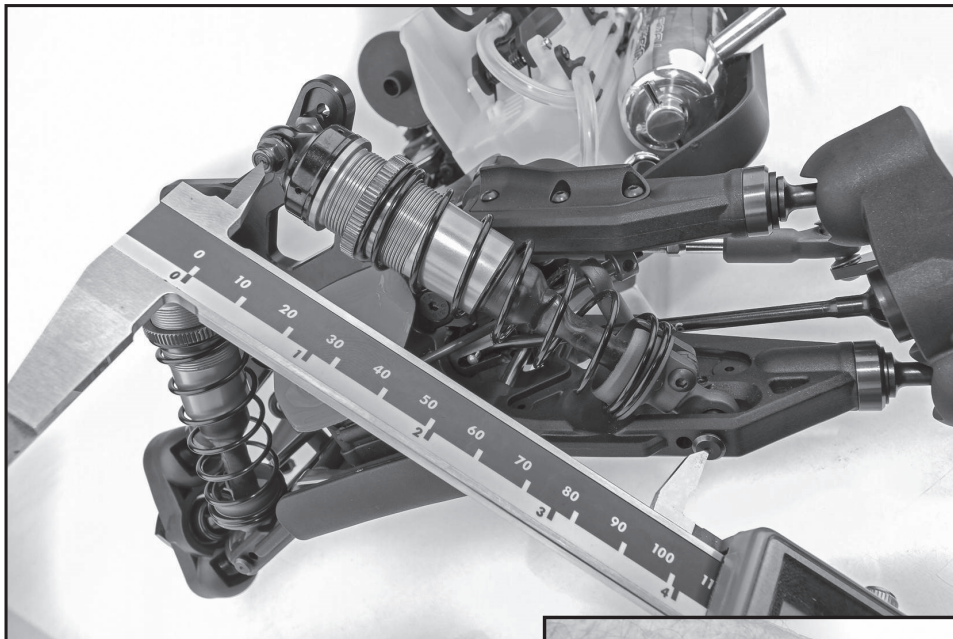
:: Droop Settings

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 112mm shock length, and 129mm shock length for the rear "C" hole.

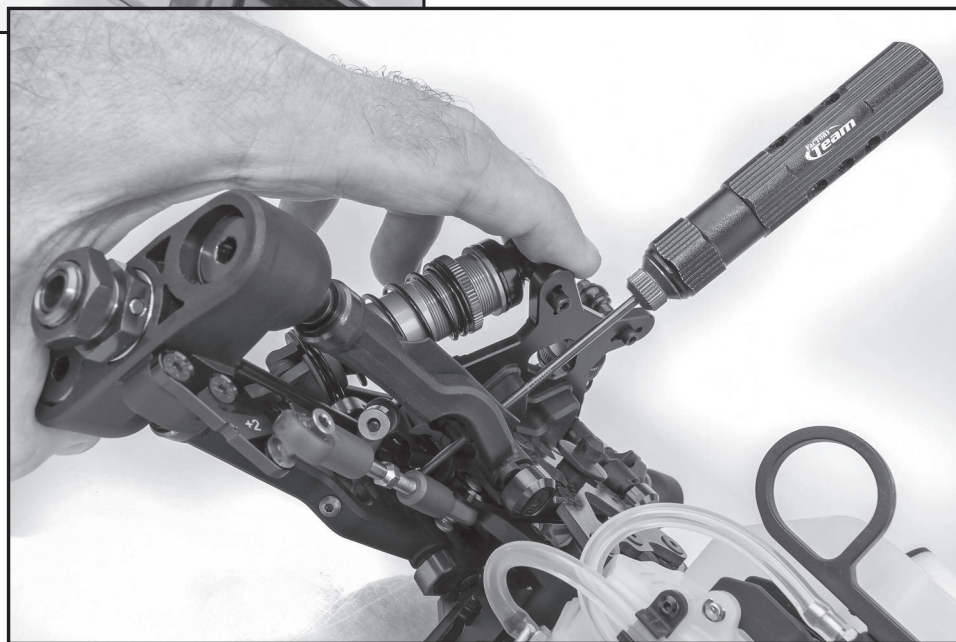
If the shock length is too long, adjust by turning the droop screws clockwise.

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



Racer's Tip:

Use 123mm 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.

:: Notes:



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,
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