

# Reflex<sup>1HB</sup>

OFF ROAD BUGGY



SCALE <b>1:14</b> VEHICLE	KIT	4 WHEEL DRIVE	ELEC. POWERED	OFF ROAD	NOT INCLUDED	NOT INCLUDED
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1:14 Scale 4WD Electric Off Road Buggy Kit Manual



CHAMPIONS *by* DESIGN

[AssociatedElectric.com](http://AssociatedElectric.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 vehicle. Please take a moment to read through the manual and familiarize yourself with the steps. We are continually changing and improving our designs; therefore, actual parts may appear slightly different than the illustrations. New parts will be noted on supplementary sheets located in the appropriate parts bags. Check each bag for these sheets before you start to build.

## :: RC14B Kit Features

- New RC8B4e Gamma-style molded body, clear
- Three sealed differentials
- Factory Team Threaded coil-over shock absorbers
- Factory Team 12mm Wheel Hexes
- Adjustable turnbuckles
- Adjustable inserts for caster blocks and rear hubs
- Aluminum steering rack
- Front universal driveshafts
- Updated molded tub chassis with hook and loop strap for battery installation and covered center driveshaft
- Aluminum center driveshaft
- Off road 12mm hex drive white wheels with high-grip racing tires

## :: Table of Contents

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3.....1:1 Hardware "Fold Out"	18..... Back Cover

## :: Notes



**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.**



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

## :: Additional

Your new Reflex 14B comes as a kit. The following items are needed for completion

- |                       |                                 |                            |                    |
|-----------------------|---------------------------------|----------------------------|--------------------|
| • Polycarbonate Paint | • 6-cell NiMh or 2 LiPo battery | • Suitable battery charger | • (4) AA batteries |
| • ESC                 | • Transmitter / Receiver        | • Steering Servo           | • Motor            |

Tools included: • Multi-wrench

## :: Other Helpful Items

- |   |  |                        |                  |
|---|--|------------------------|------------------|
| • Silicone Shock Fluid (Refer to catalog for complete listings) | • Silicone Diff Fluid (Refer to catalog for complete listings) |                        |                  |
| • Body Scissors (AE Part # 1737)                                | • Reamer / Hole Punch (#1499)                                  | • Shock Pliers (#1675) | • Wire Cutters   |
| • FT Hex/Nut Wrenches (AE Part # 1519)                          | • Needle Nose Pliers   | • Hobby Knife          | • Soldering Iron |
| • Calipers or a Precision Ruler                                 | • Green Slime shock lube (AE Part # 1105)                      |                        |                  |
| • FT Dual Turnbuckle Wrench (#1114)                             | • FT Universal Tire Balancer (#1498)                           |                        |                  |

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**:: Hardware - 1:1 Scale View**

**Flat Head (fhcs)**



**2.5x10mm (31350)**

**Cap Head (shcs)**



**2.5x12mm (8691)**

**Ball Bearings**



**4x7x2.5mm (21512)**



**4x8x3mm (21512)**



**8x12x3.5mm (21512)**

**Flat Head (fhst)**



**2x8mm (21546)**



**2.6x8mm (21546)**



**2.6x10mm (21546)**

**Set Screws**



**3x2.5mm (31500)**



**3x3mm (25225)**



**3x8mm (4670)**

**Button Head (bhcs)**



**2.5x6mm (31520)**

**Nuts (lock/plain)**



**M2.5 Locknut (89215, 21546)**



**M4 Locknuts:  
Serrated Steel (Silver)(91826)  
Flanged (Black) (91148)  
FT Aluminum (Blue) (31551)  
Serrated Aluminum (Black) (91738)**

**Shims and Washers**



**2.7x6.7x0.5mm (21546)**



**4x8x0.5mm (21516)**

**Button Head (bhst)**



**2.6x6mm (21546)**



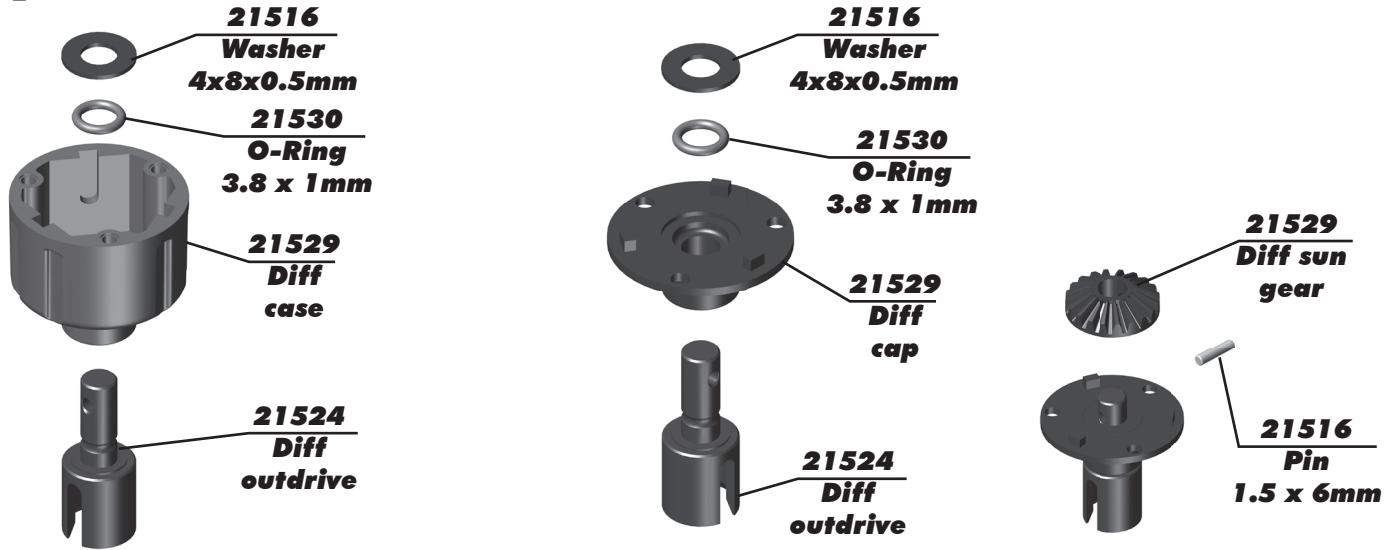
**2.6x8mm (21546)**



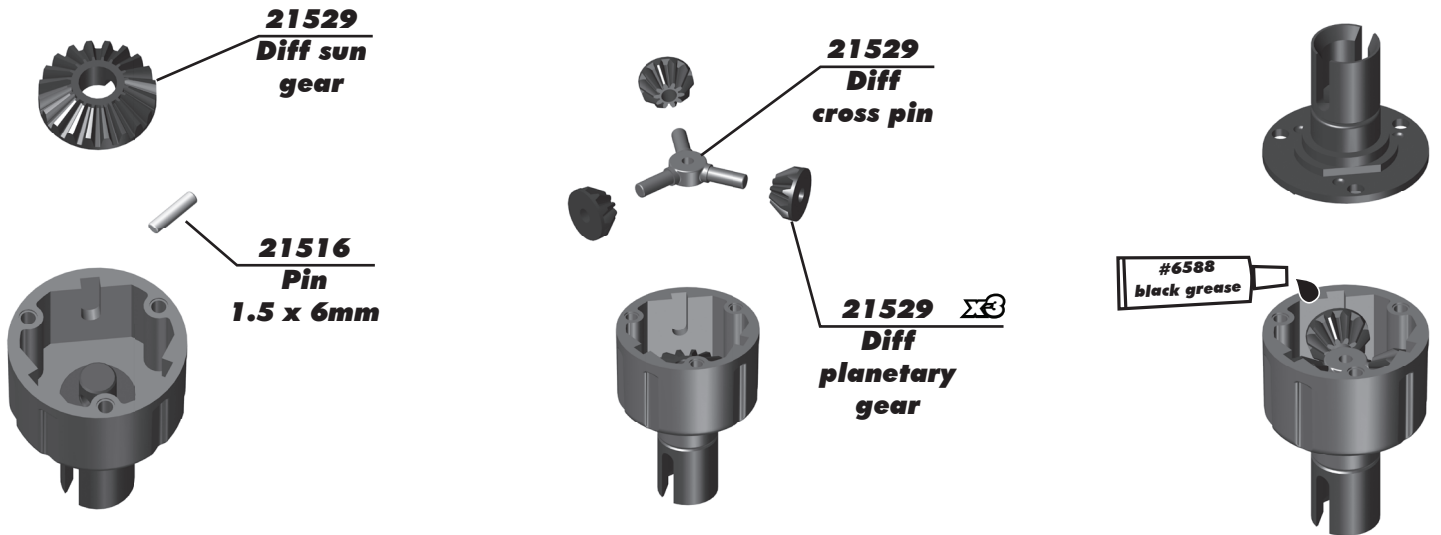
**2.6x10mm (21546)**

**Notes:**

**:: Step 1**



**:: Step 2**

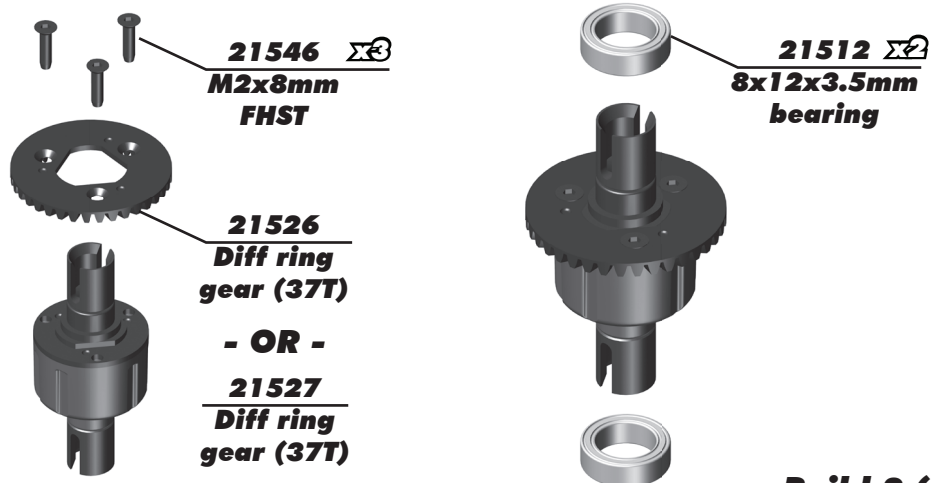


**:: Step 3**

**!**

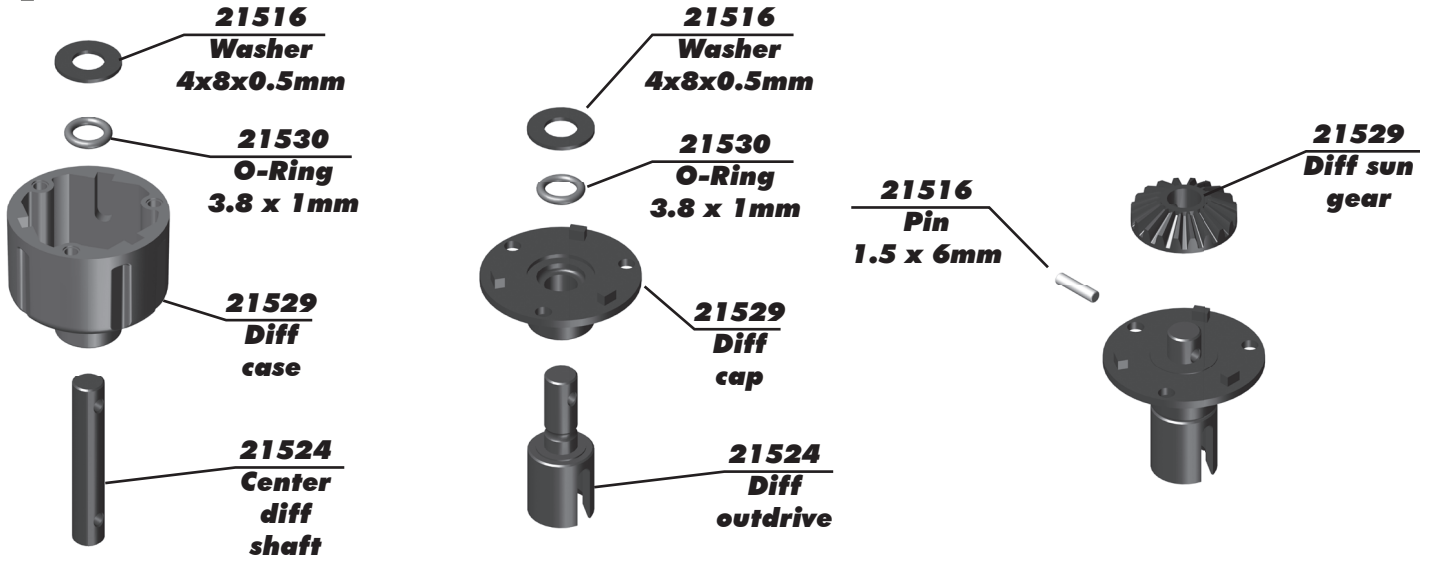
#21526 comes with two ring and pinions

#21527 comes with two ring and pinions, and two spur gears (58T, 70T)

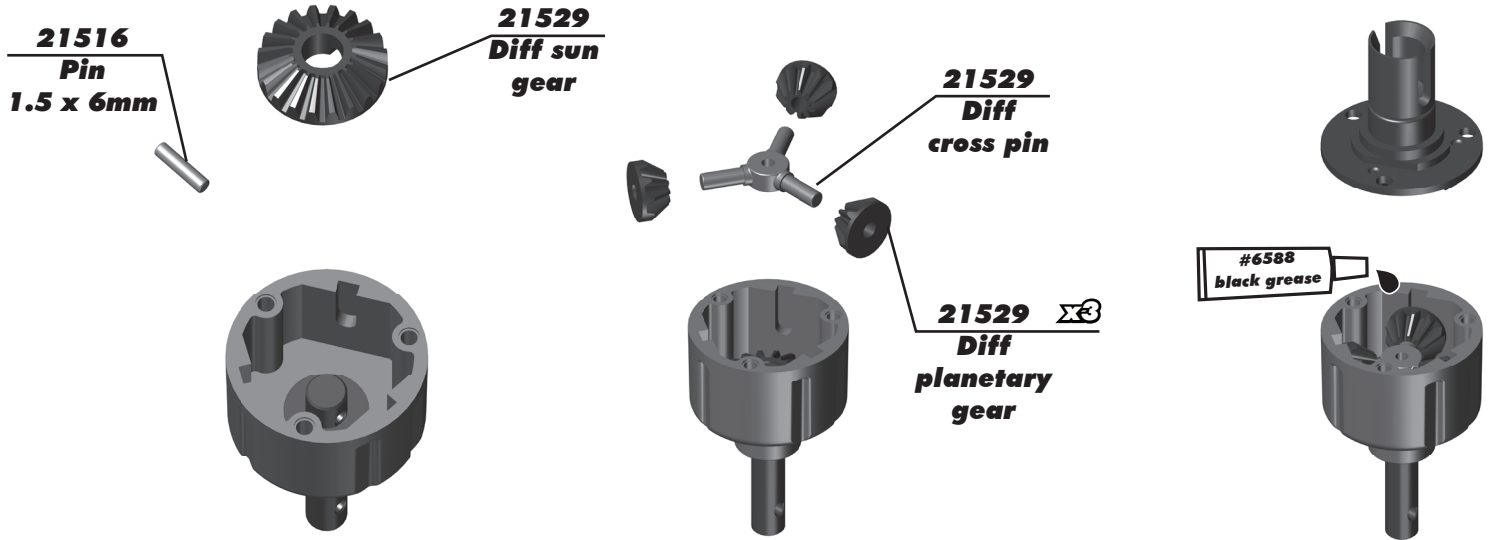


**Build 2 (1 front, 1 rear)**

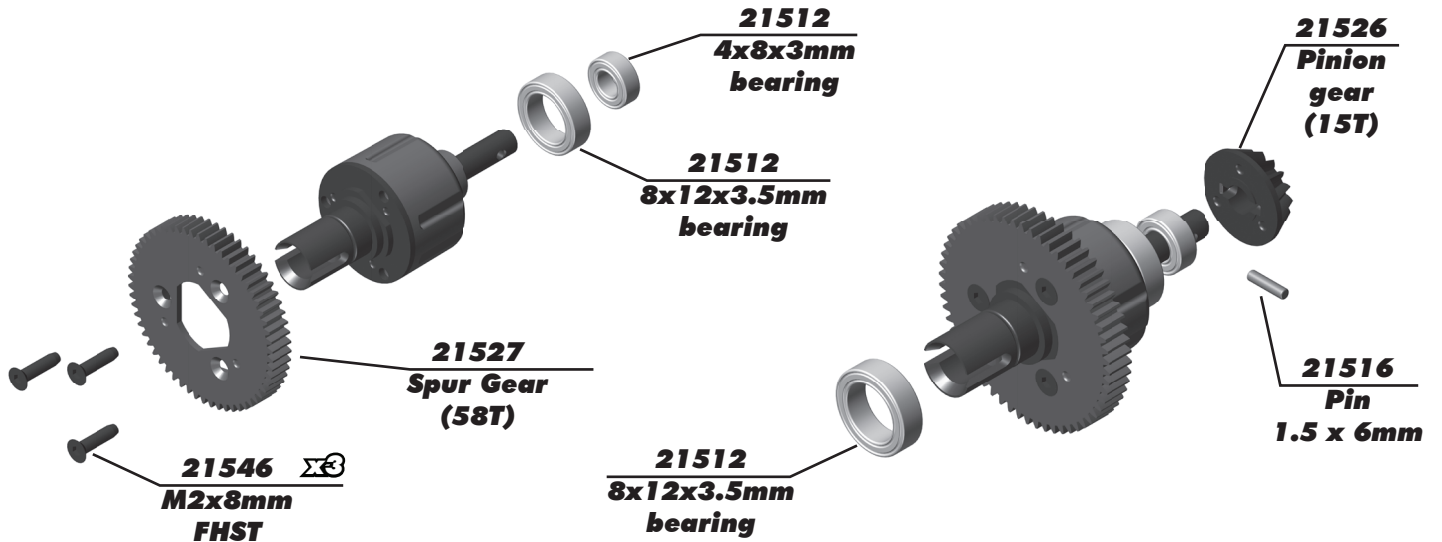
**:: Step 4**



**:: Step 5**



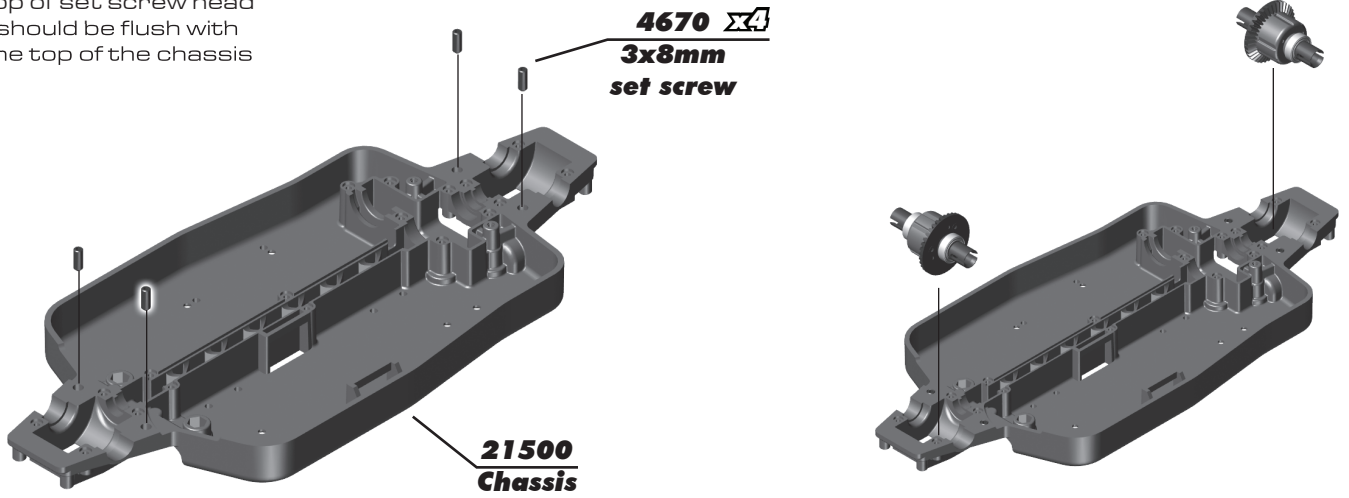
**:: Step 6**



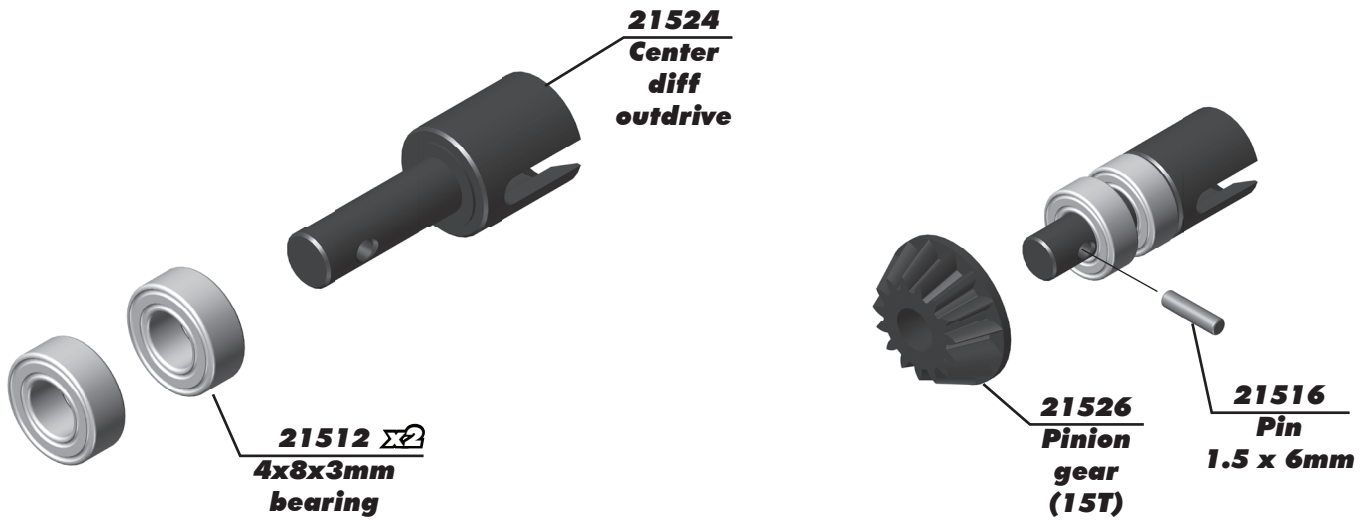
**:: Step 7**



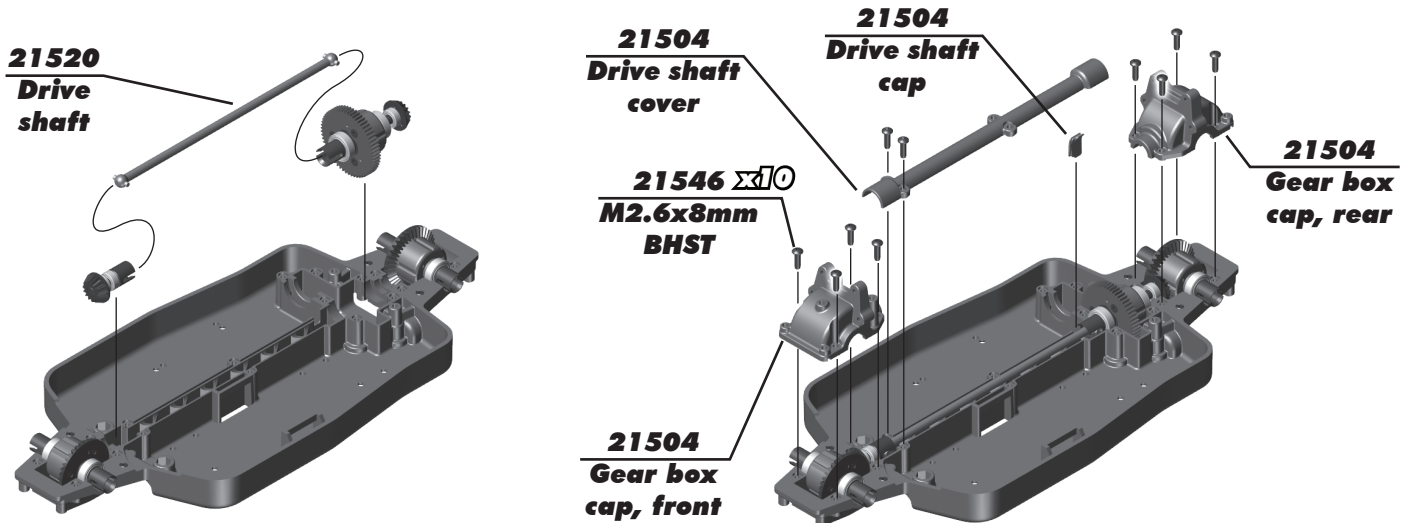
Top of set screw head should be flush with the top of the chassis



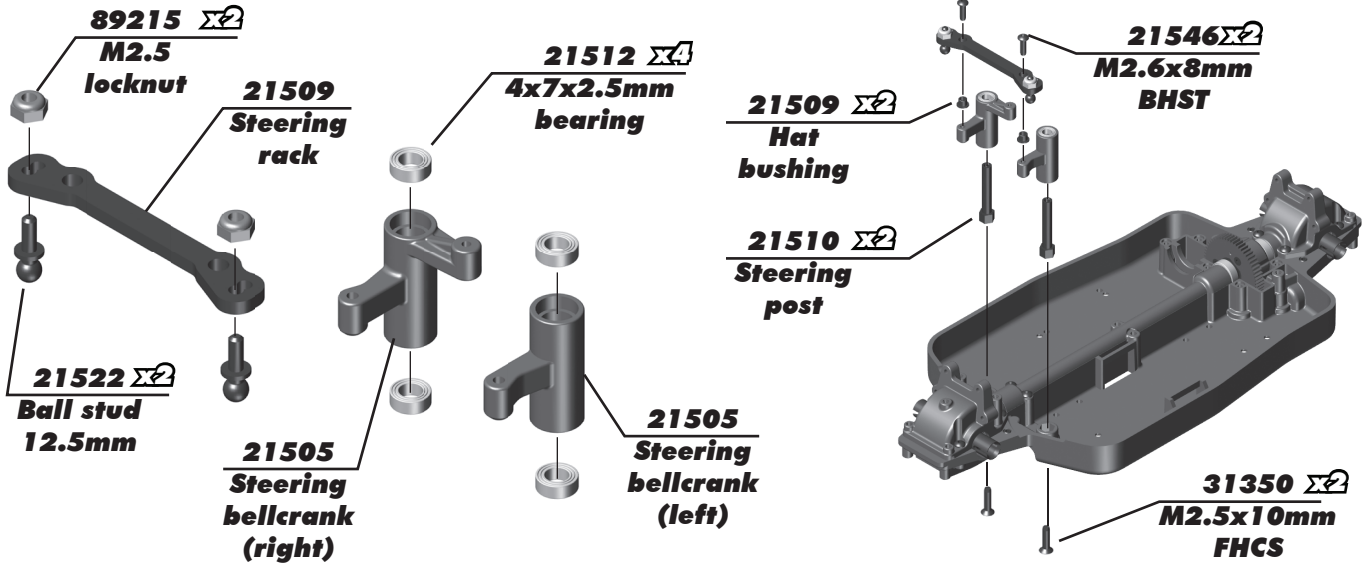
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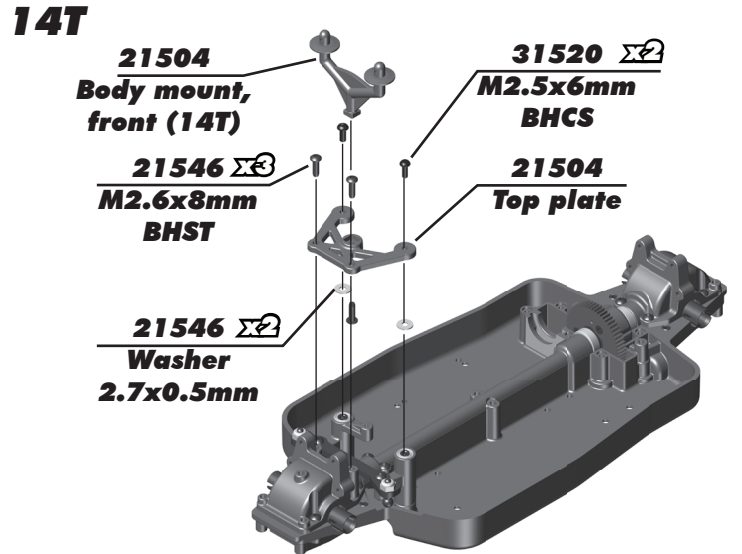
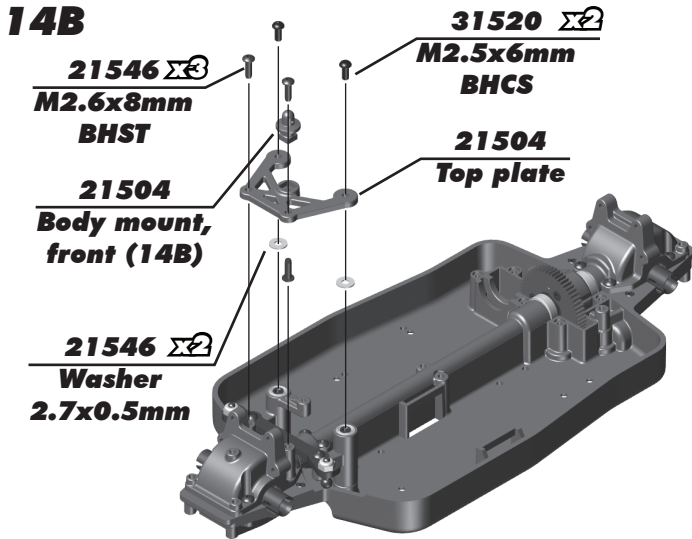
**:: Step 9**



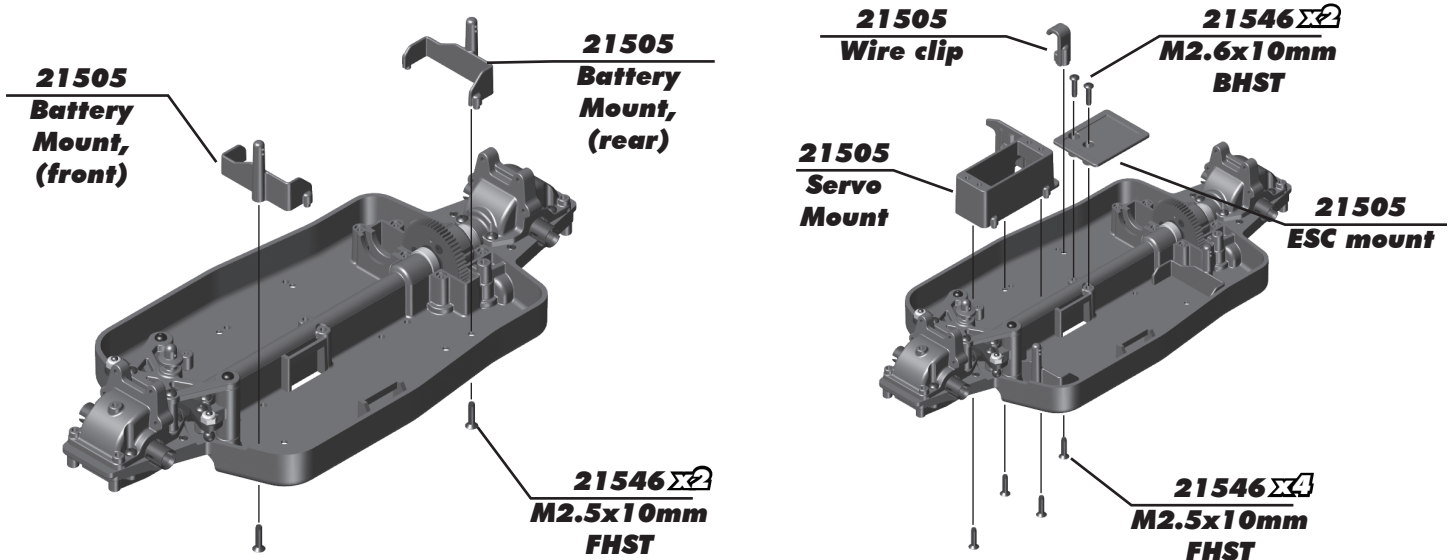
**:: Step 10**



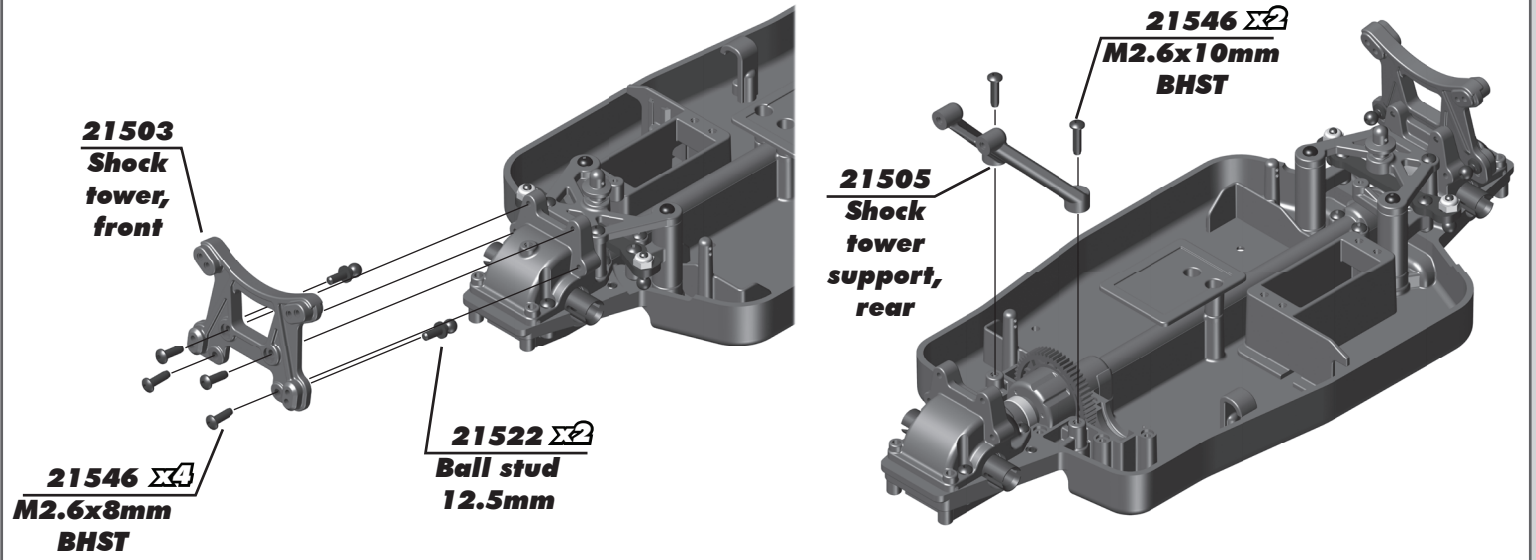
**:: Step 11**



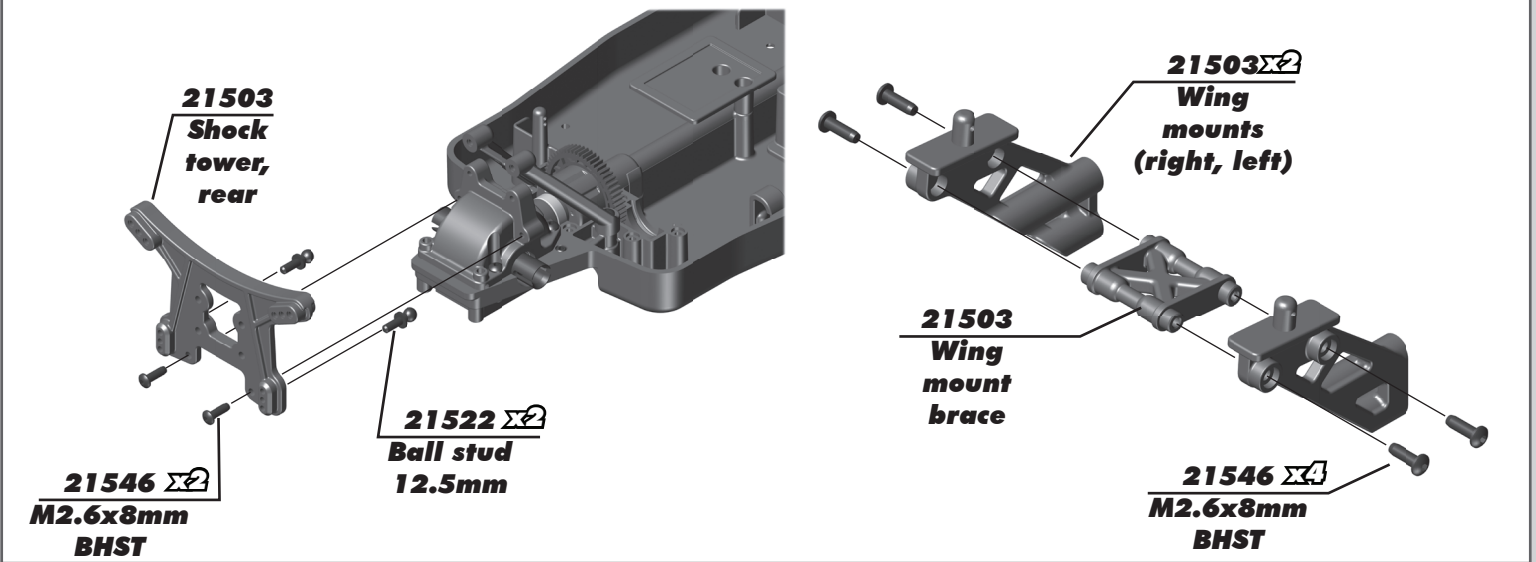
**:: Step 12**



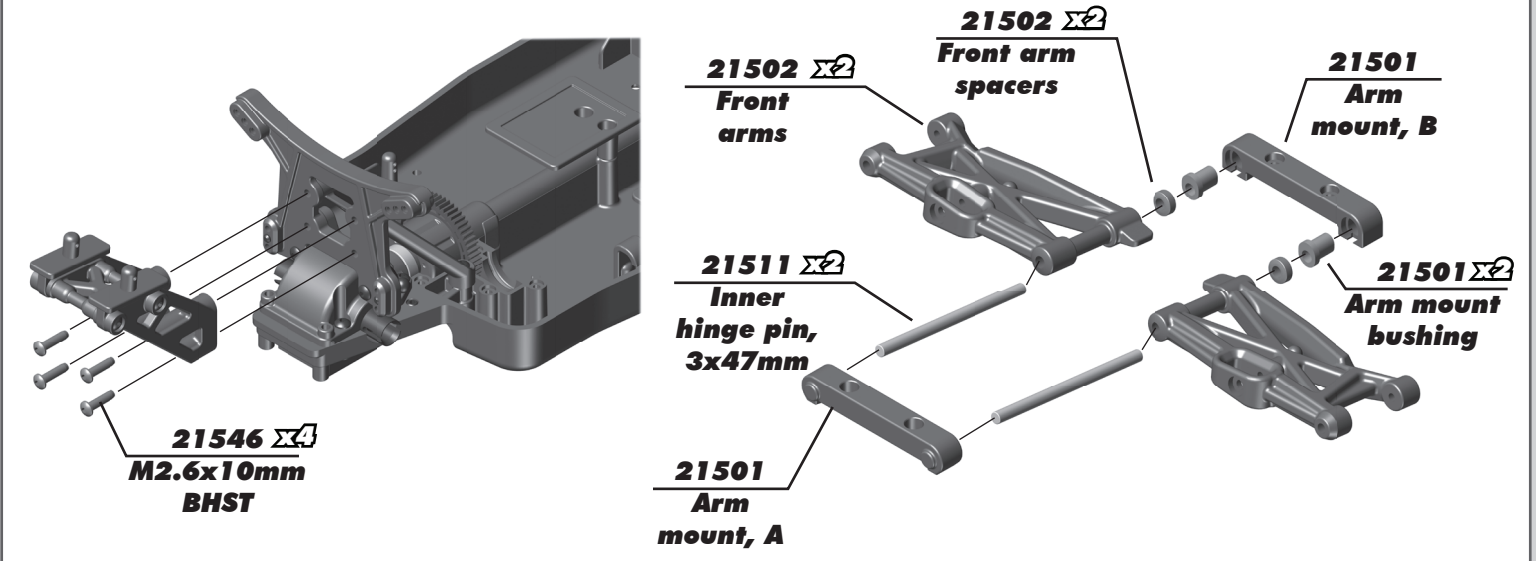
**:: Step 13**



**:: Step 14**

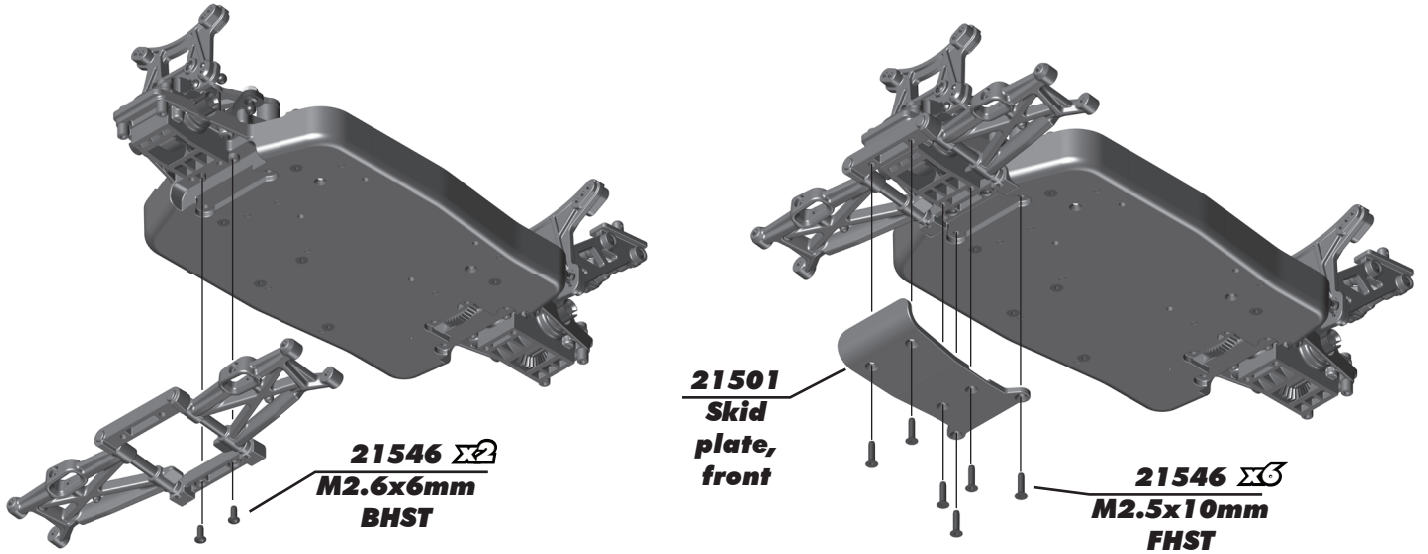


**:: Step 15**

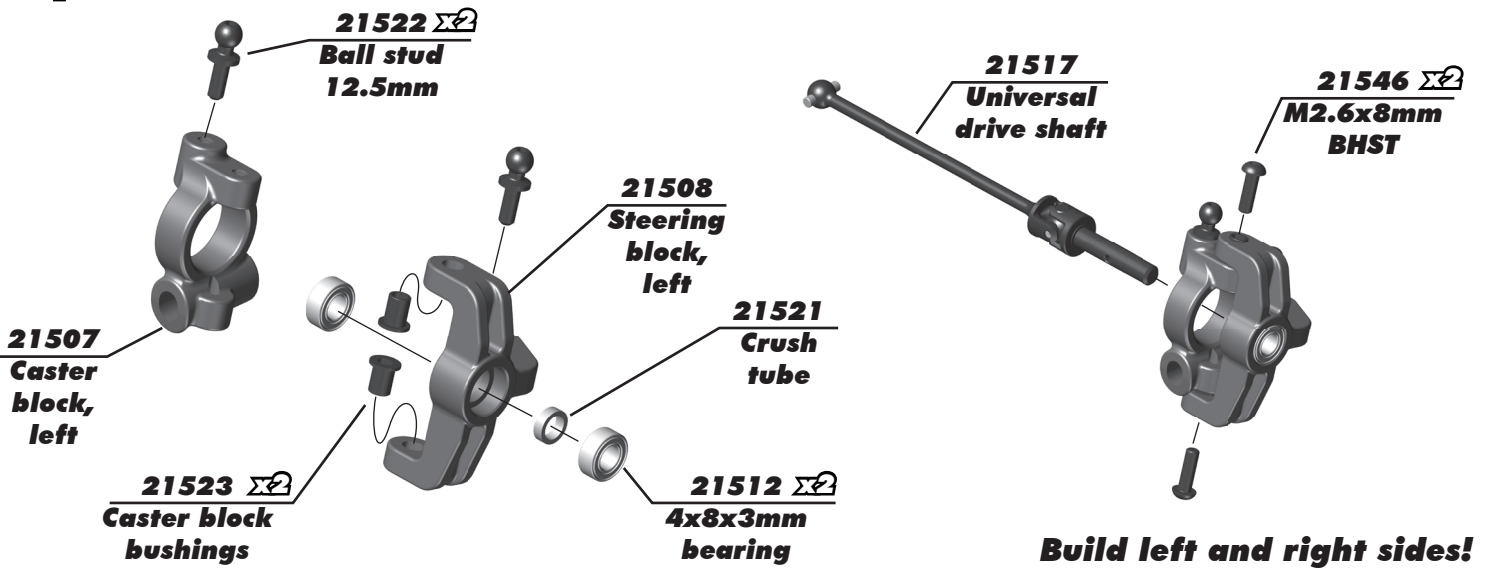




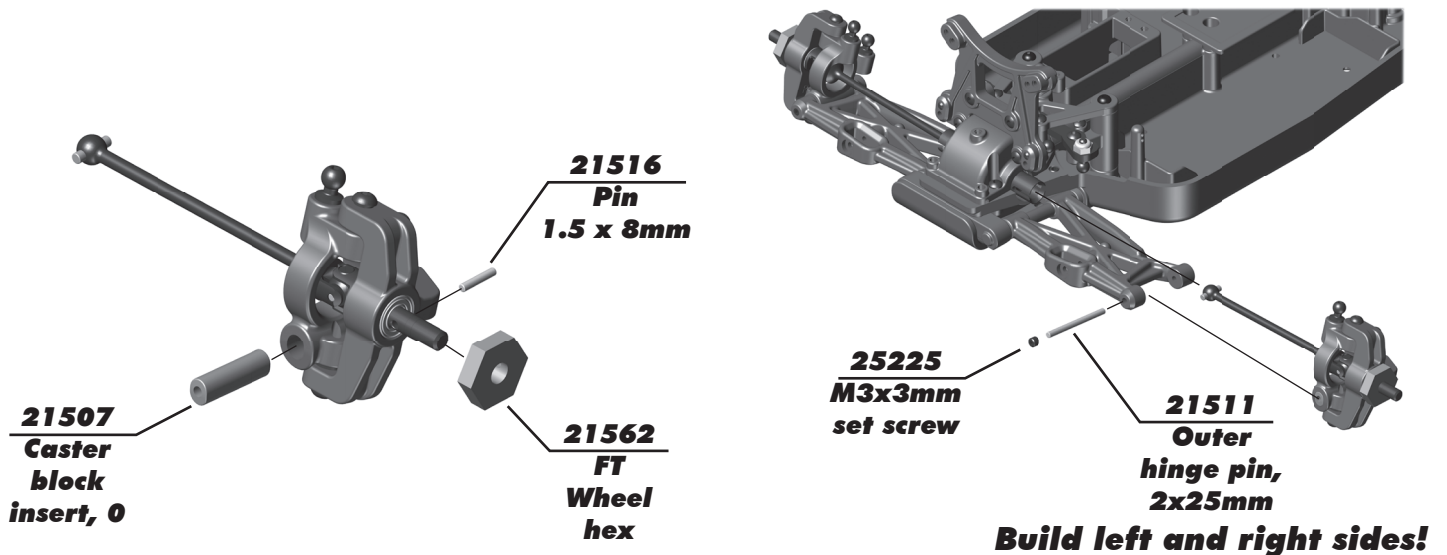
**:: Step 16**



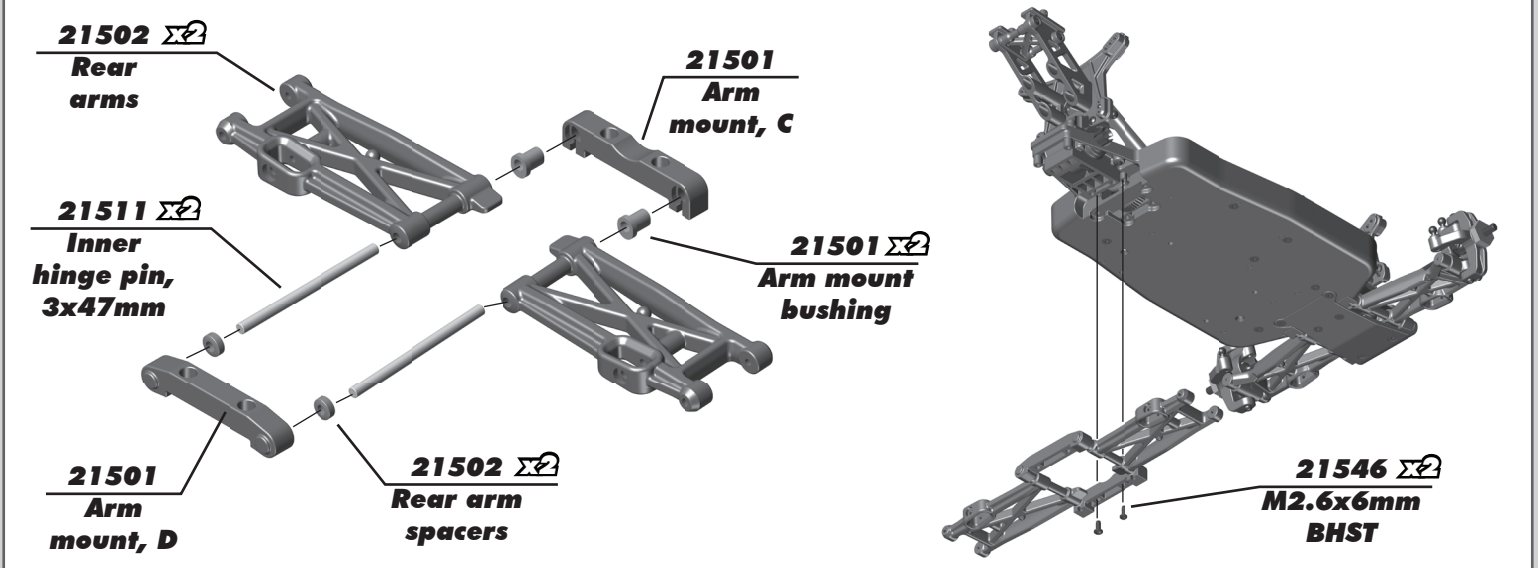
**:: Step 17**



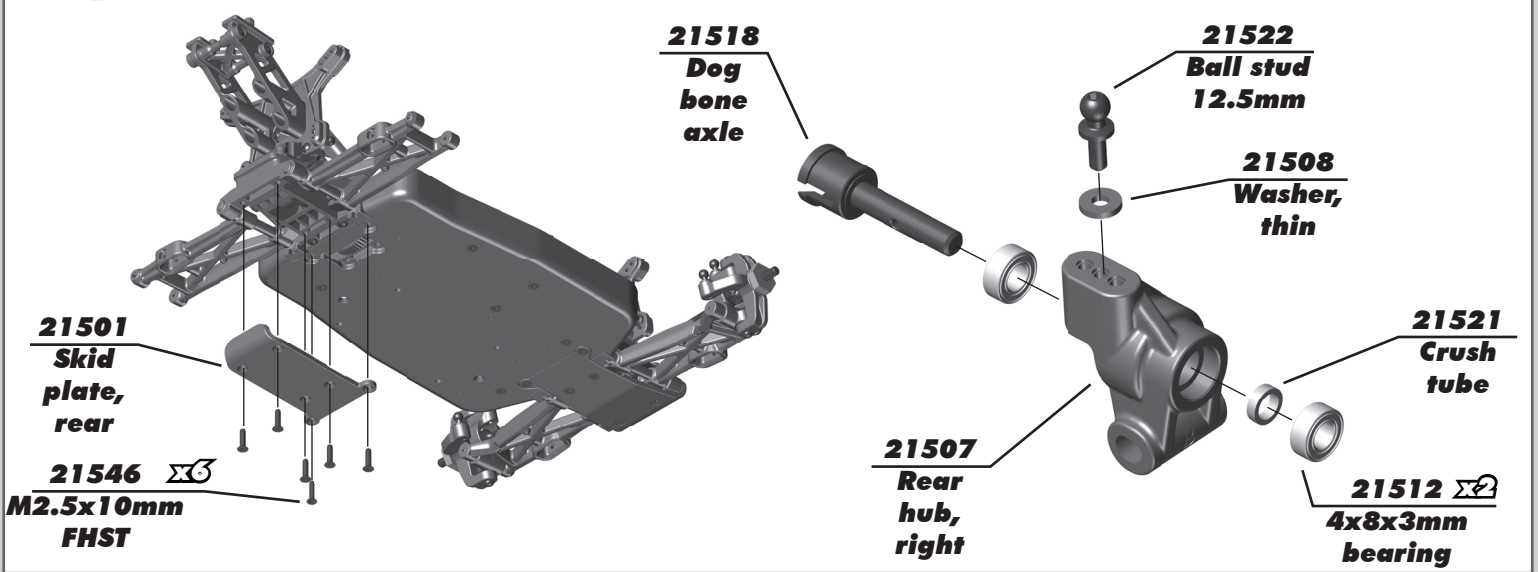
**:: Step 18**



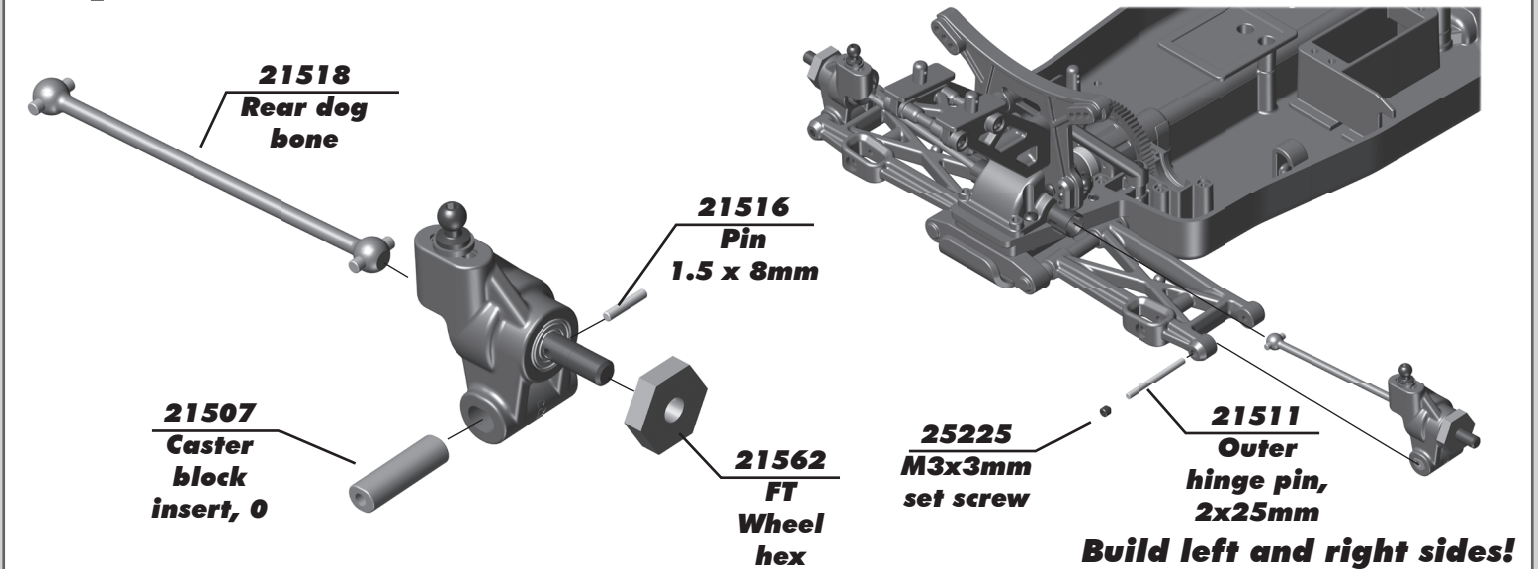
**:: Step 19**



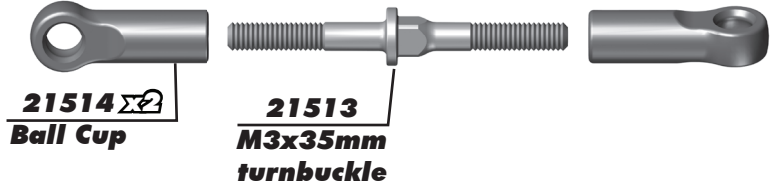
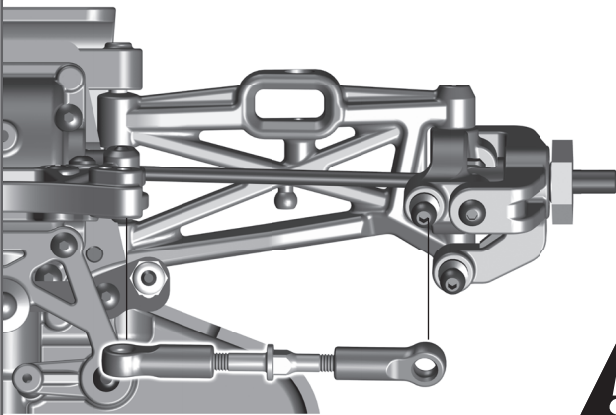
**:: Step 20**



**:: Step 21**

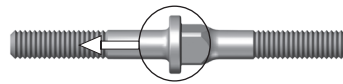


**:: Step 22**



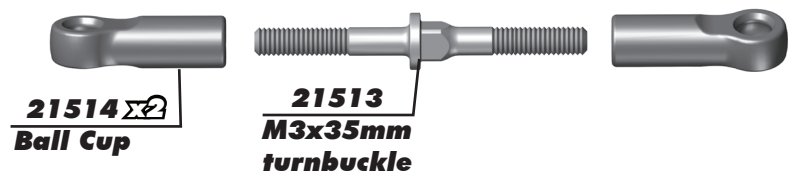
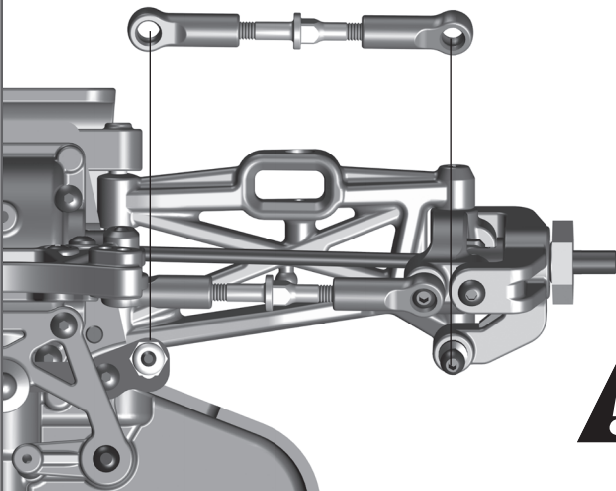
Orient the flange to the left throughout the car. It indicates which end has the left hand threads!

**Front Camber Turnbuckle**  
**20.00mm**



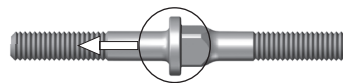
**Build x2 (right and left side)**

**:: Step 23**



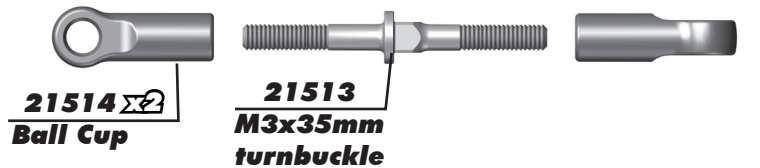
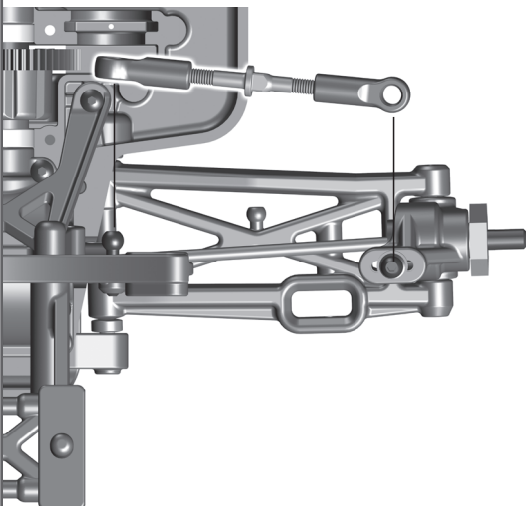
Orient the flange to the left throughout the car. It indicates which end has the left hand threads!

**Steering Turnbuckle**  
**19.50mm**



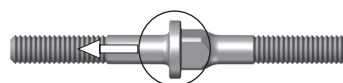
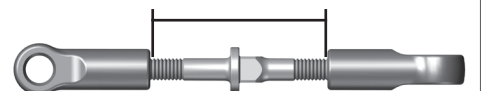
**Build x2 (right and left side)**

**:: Step 24**



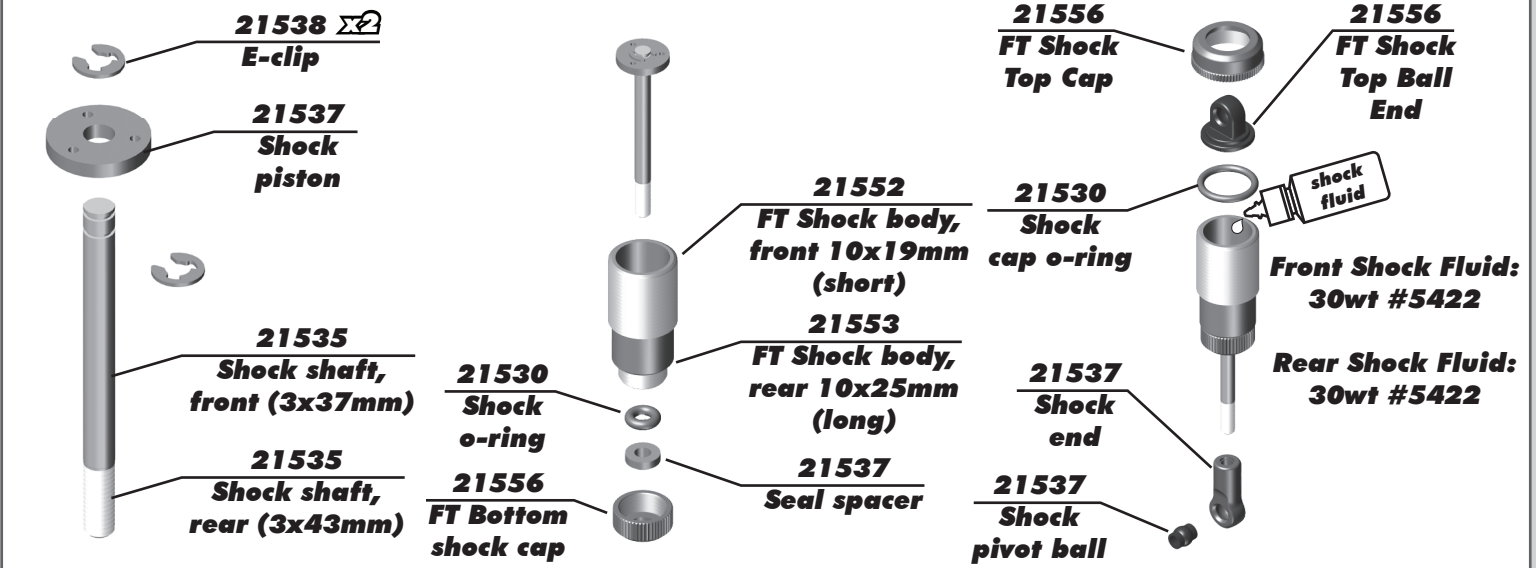
Orient the flange to the left throughout the car. It indicates which end has the left hand threads!

**Rear Camber Turnbuckle**  
**23.25mm**



**Build x2 (right and left side)**

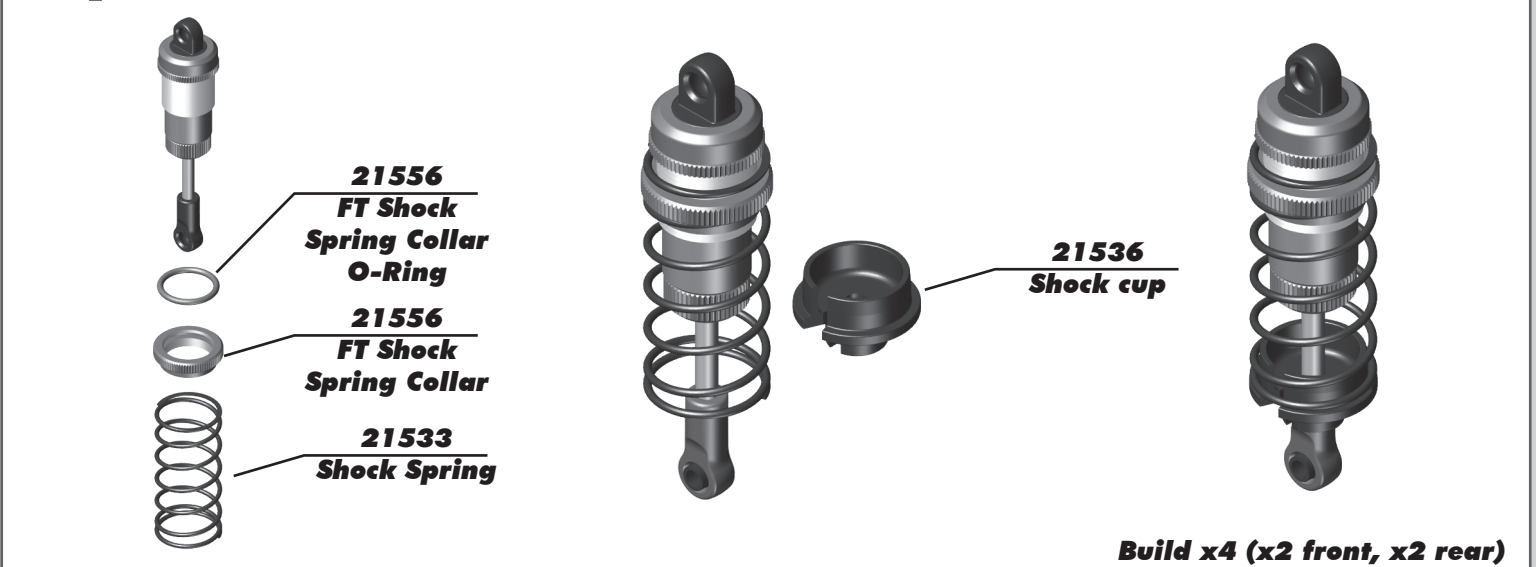
**:: Step 25**



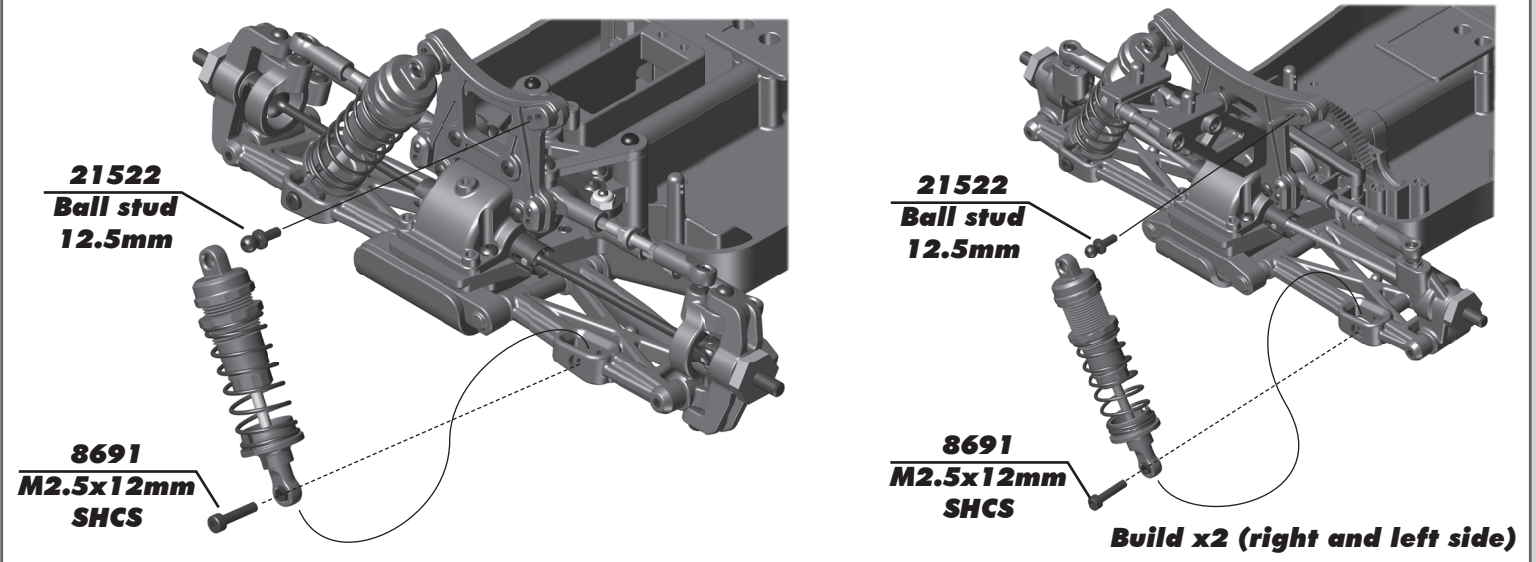
**:: Step 26**



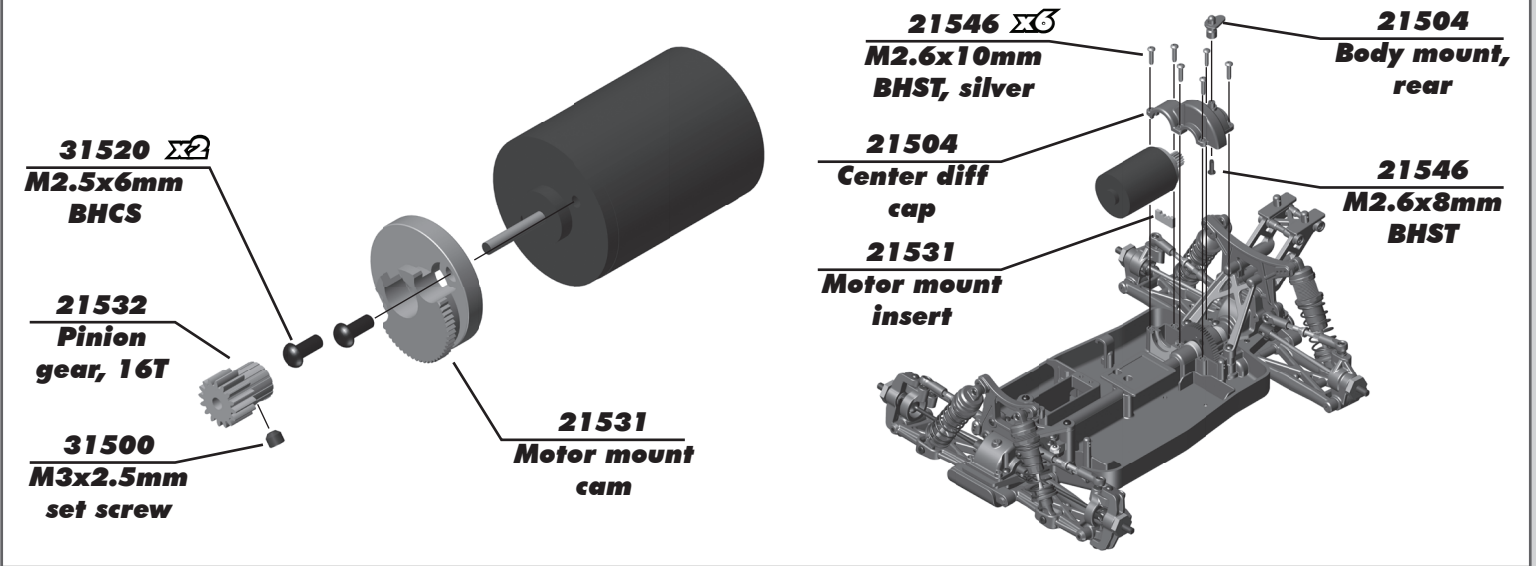
**:: Step 27**



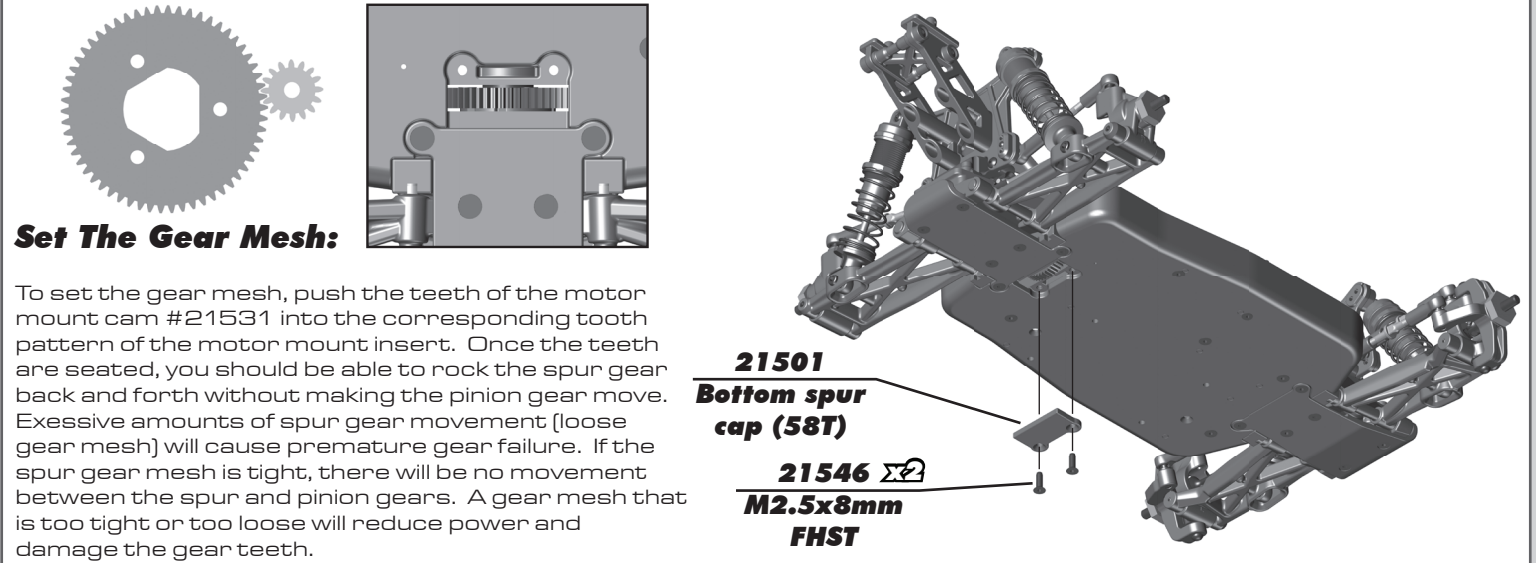
**:: Step 28**



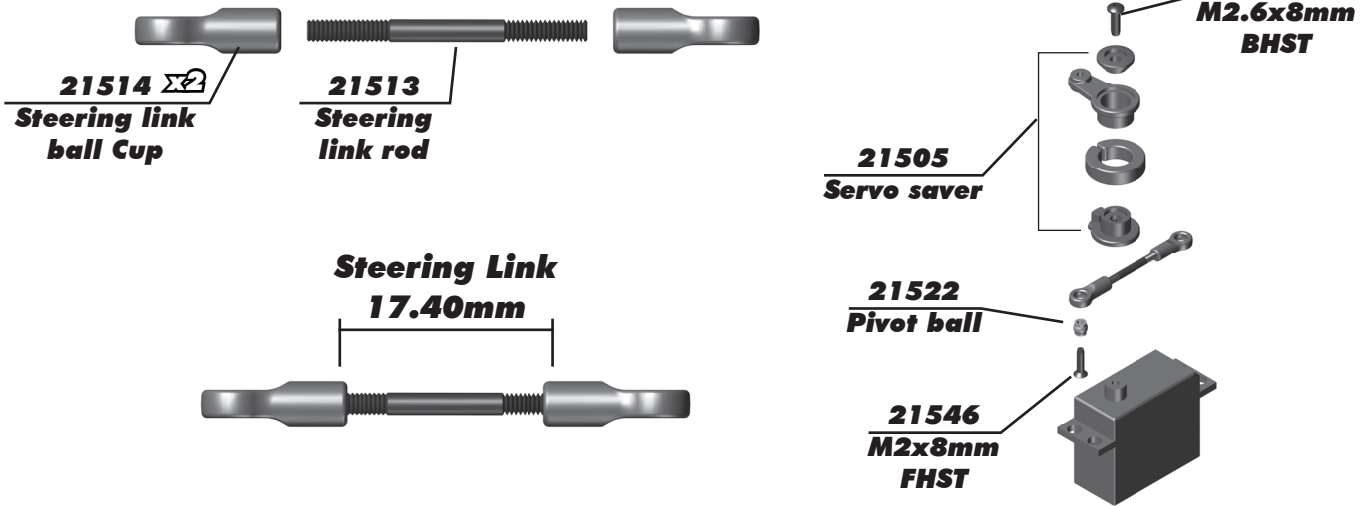
**:: Step 29**



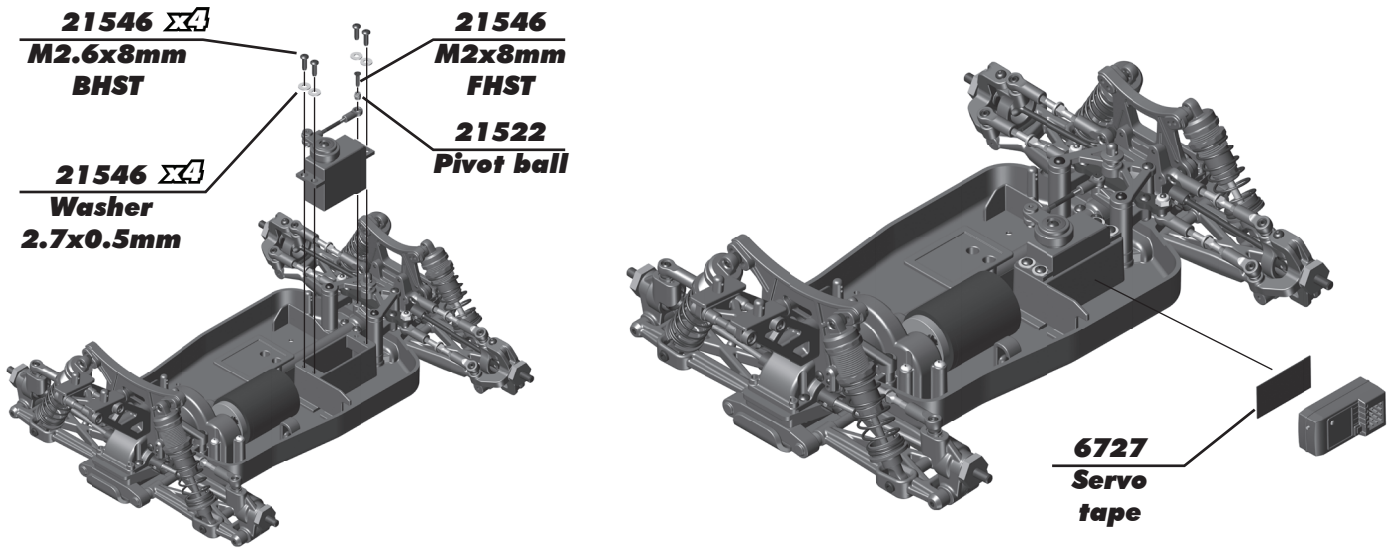
**:: Step 30**



**:: Step 31**



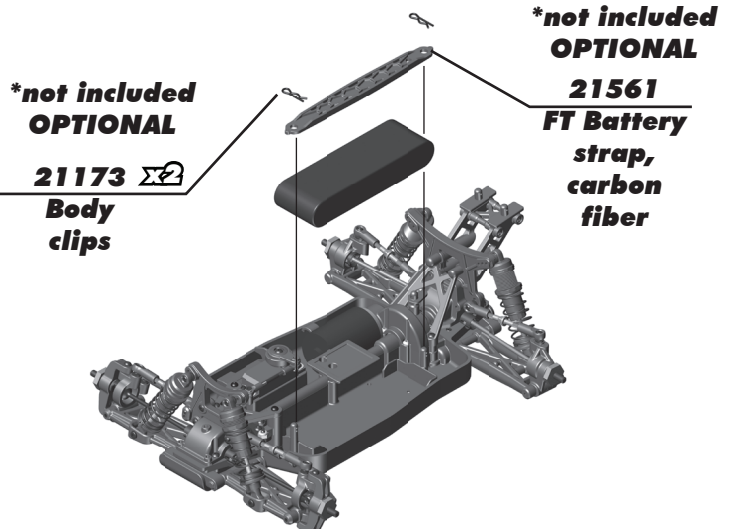
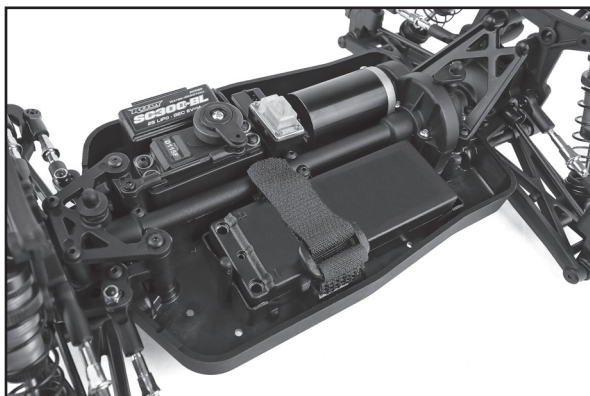
**:: Step 32**



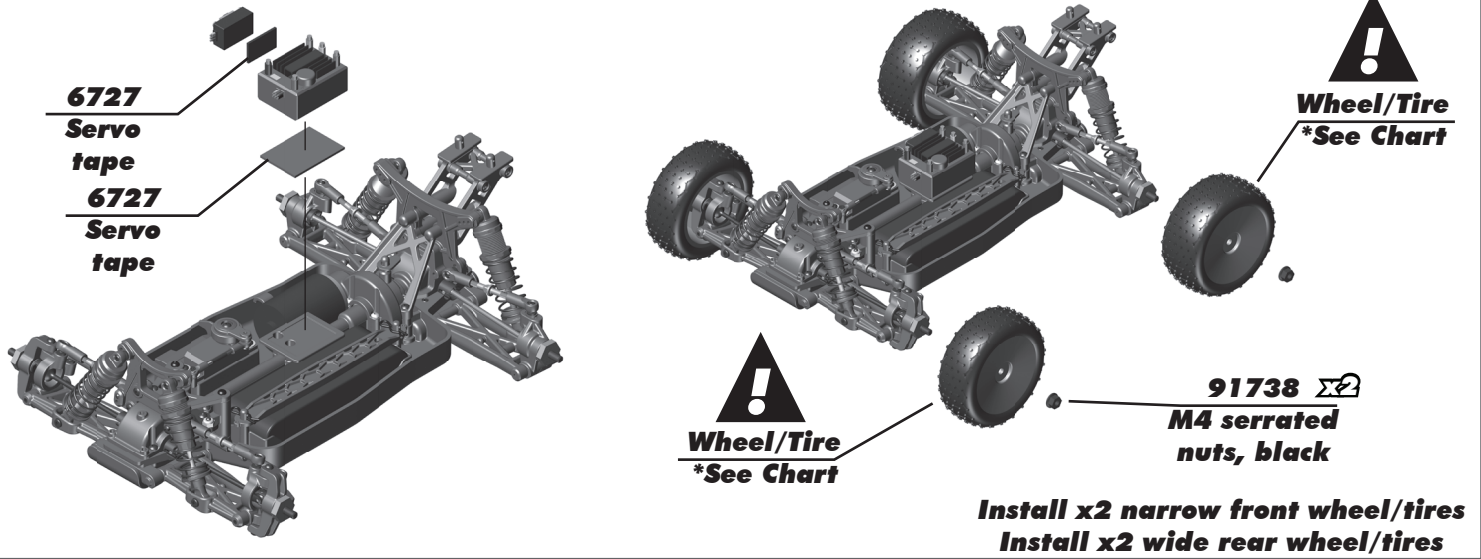
**:: Step 33**



**Install hook and loop strap and battery as shown below.**



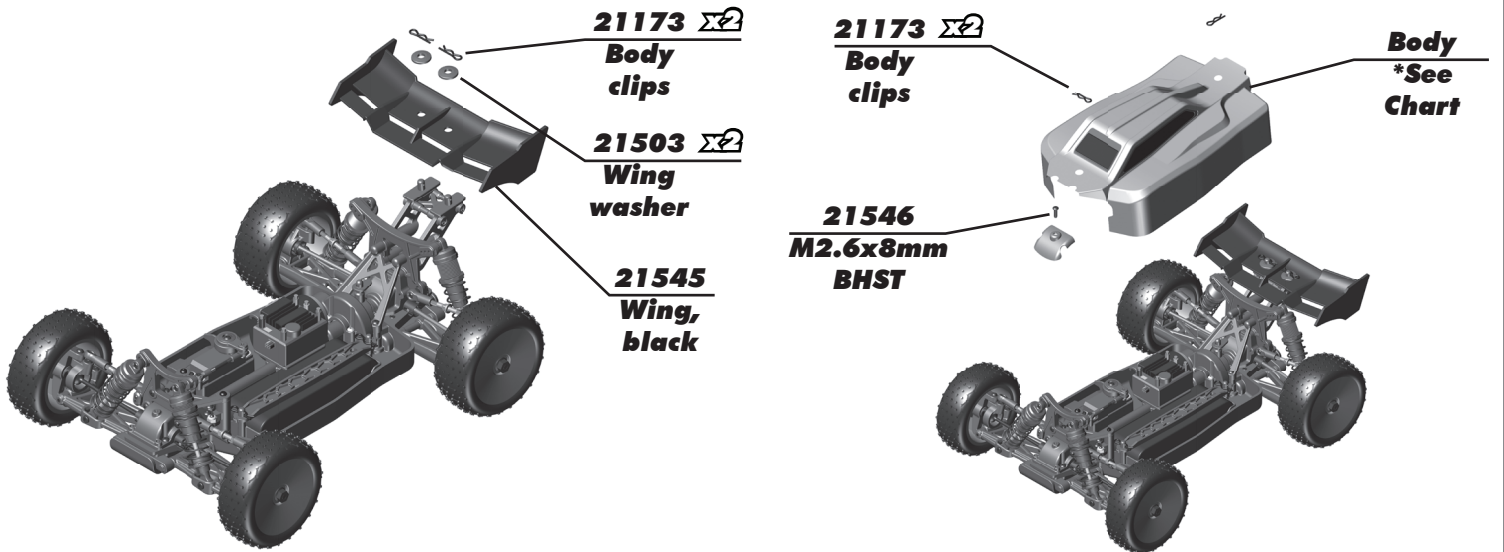
**:: Step 34**



**:: Step 35**

RTR Part Number	Wheel and Tire		Body
	Front	Rear	
#20175 Reflex 14B	#21539 Mini Pin, Narrow, Black, Mounted	#21540 Mini Pin, Wide, Black, Mounted	#21541 Reflex 14B body, clear
#20176 Reflex 14T	#21540 Mini Pin, Wide, Black, Mounted		#21543 Reflex 14T body, clear
#20179 Reflex 14B, Gama	#21595 Mini Pin, Narrow, White, Mounted	#21596 Mini Pin, Wide, White, Mounted	#21594 Reflex 14B body, Gamma, clear
#21597 Reflex 14B, Ongaro	#21595 Mini Pin, Narrow, White, Mounted	#21596 Mini Pin, Wide, White, Mounted	#21594 Reflex 14B body, Gamma, clear

**:: Step 36**



**:: Notes**

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



**:: Notes**

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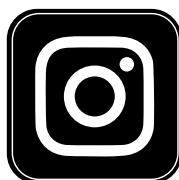
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