

# PROT

## CLIFF LETT

### EDITION

# INSTRUCTION MANUAL



Due to ongoing research and development, photos may not match current kit components.  
RC10 photos shown equipped with items that may NOT be included with vehicle.

## :: Introduction

Thank you for purchasing this Team Associated product. This assembly manual contains instructions and tips for building and maintaining your new RC10T 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

Features in the RC10T Kit:

- Authentic replica of Cliff Letts championship winning RC10T
- Neon red powder coated 6061-T6 aluminum tub chassis and nose plate
- Factory Team titanium RCPS style turnbuckles
- Black anodized nose tubes
- Replica narrow ribbed front tires and wide mini pin rear tires
- Black anodized lightweight cut motor plate
- Authentic Team Moo / Cliff Lett decal sheet
- Fully adjustable four-wheel independent suspension
- Carbon fiber transmission brace
- White nylon shock cap locknuts
- Hard anodized shock bodies
- Bleeder shock caps
- Sealed 3-gear Stealth A.T.C. transmission
- High-torque ball differential
- Adjustable slipper clutch
- Narrow front and wide rear 3-piece racing wheels
- Clear polycarbonate stadium truck body and rear wing
- Heavy-duty fiberglass shock towers
- Full precision ball bearings
- Heavy-duty servo saver
- Fits 6-cell NiMH and 2S LiPo battery packs

## :: Additional

Your new RC10T Kit comes as a kit. There are some items you will need to complete your kit (refer to website for suggestions):

- RC two channel surface frequency radio system
- Electronic Speed Control (ESC)
- Steering Servo
- 2S, 7.4V Lipo stick battery or 7.2V NiMH battery
- Battery charger compliant to battery type
- Polycarbonate specific paint
- Pinion gear, size to be determined by type and wind of motor you use
- RC Electric Motor
- Servo Horn (AE #89007)
- Thread Lock (AE #1596)

Tools included:

- Allen wrenches  
(.035", .050", 1/16", 3/32")
- Shock building tool

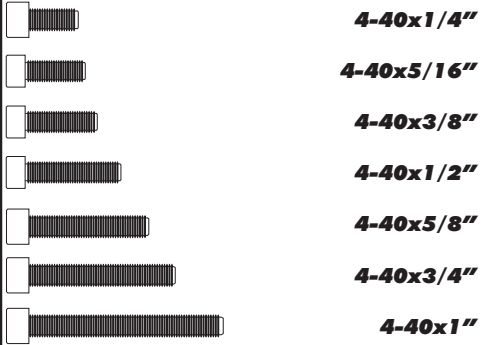
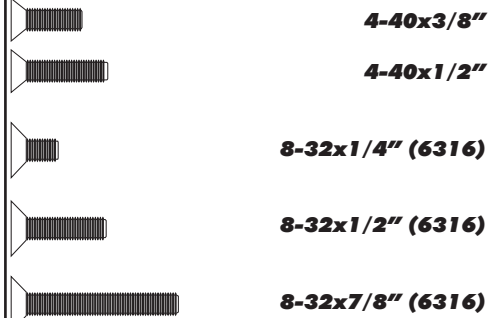
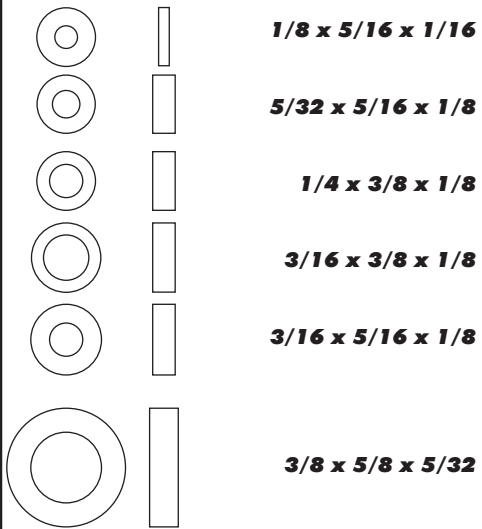
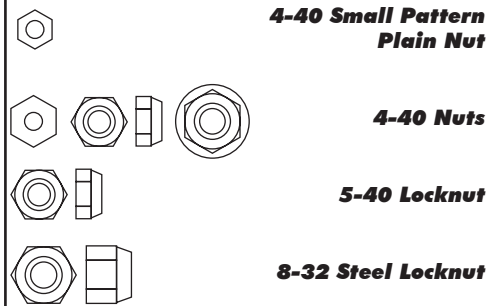
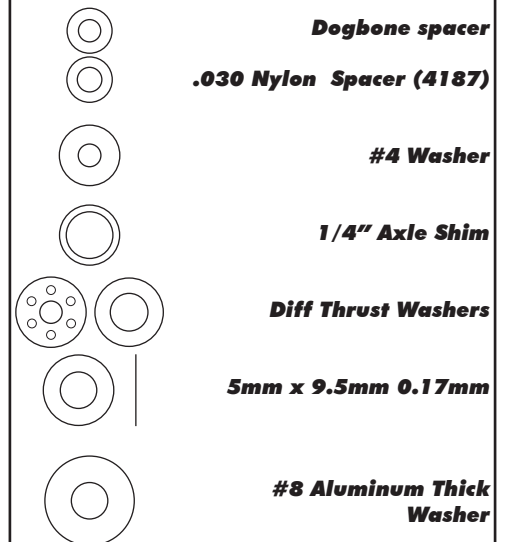
## :: Other Helpful Items

- Silicone Shock Fluid (Refer to website for complete listings)
- Tire Adhesive (AE #1697)
- Shock Pliers (AE #1681)
- Wire Cutters / Hobby Knife
- FT 7-Piece 1/4 in Hex Driver Set (AE #1650)
- Body Scissors (AE #1737)
- Green Slime shock lube (AE #1105)
- Needle Nose Pliers
- Reamer / Hole Punch (AE #1499)
- Calipers or a Precision Ruler
- Soldering Iron

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**:: Hardware - 1:1 Scale View****Cap Head (shcs)****Flat Head (fhcs)****Button Head (bhcs)****Bushings****Set Screws****Nuts (lock/plain)****Clips****Diff Balls****Shims and Washers****Notes:**

**:: Table of Contents**

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**:: Notes**



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



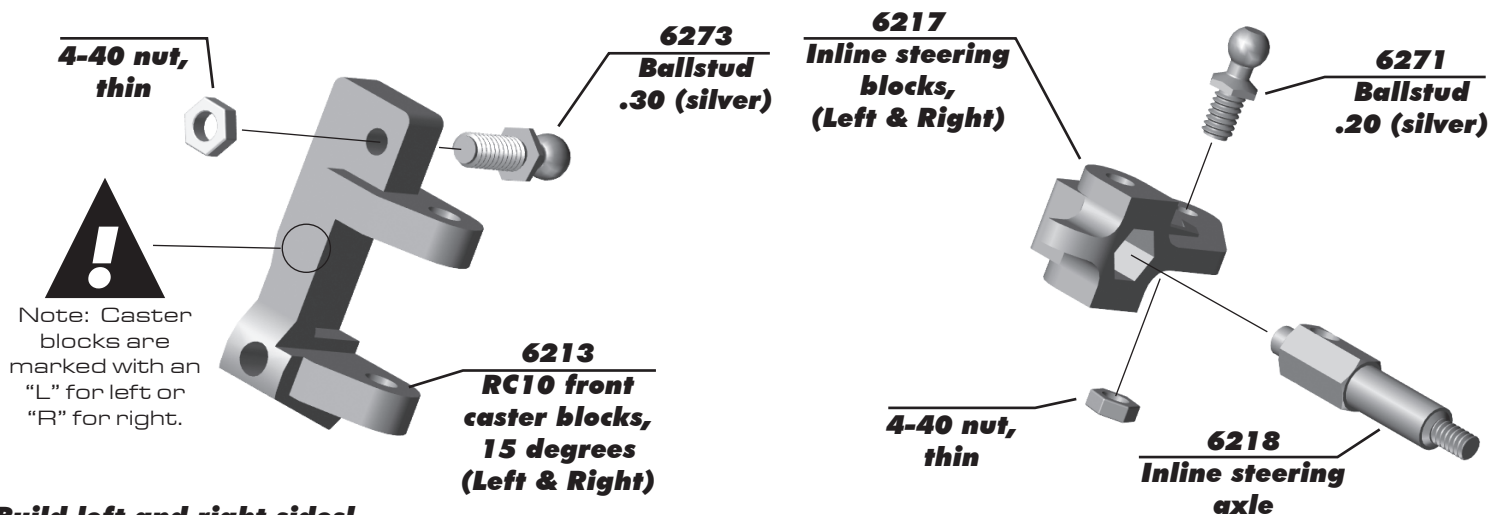
***There is a 1:1 hardware foldout page in the front of the manual. To check the size of a part, line up your hardware with the correct drawing until you find the exact size.***



## :: Nose Plate / Steering Build - Bag A - Step 1

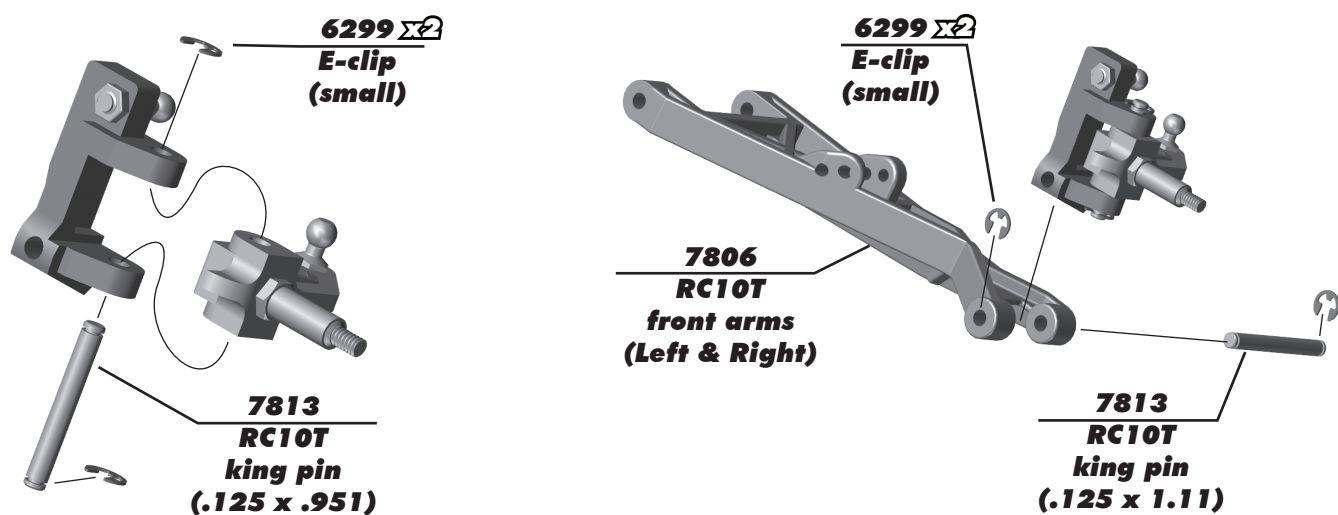
**LEFT**

**LEFT**

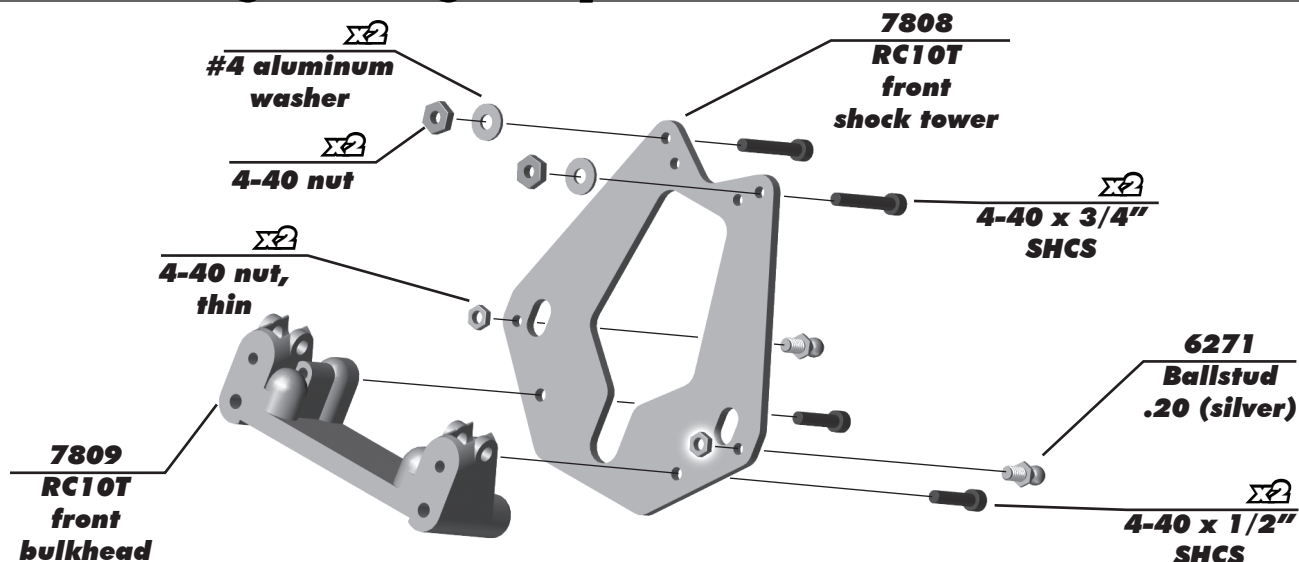


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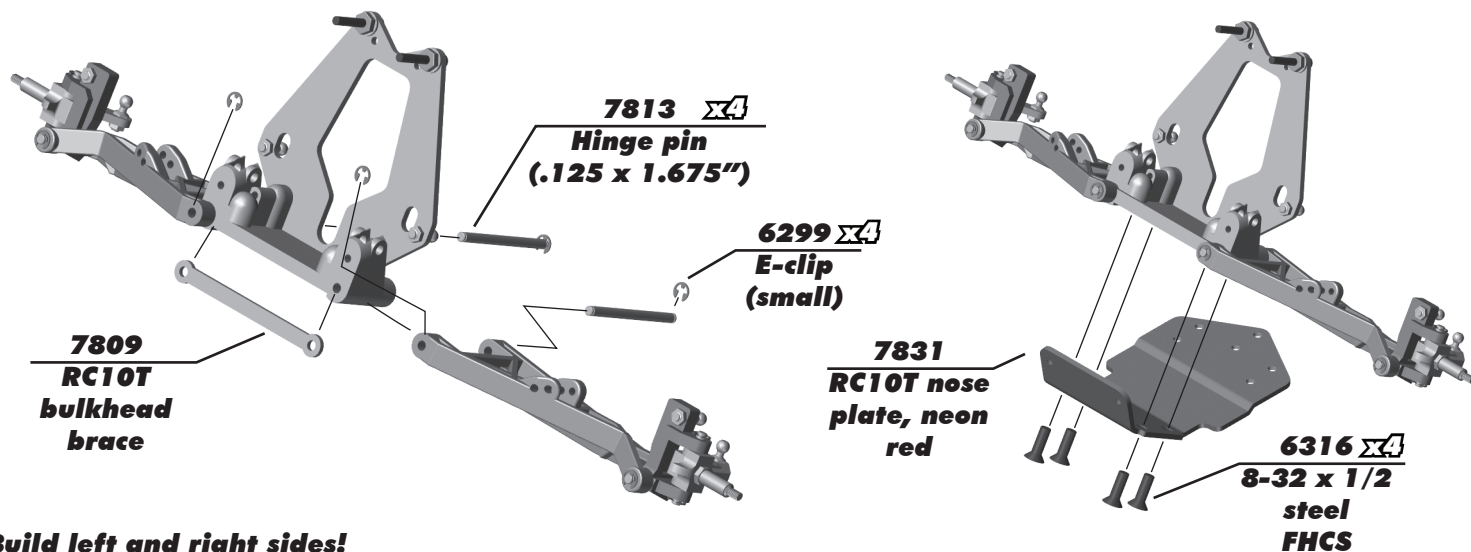
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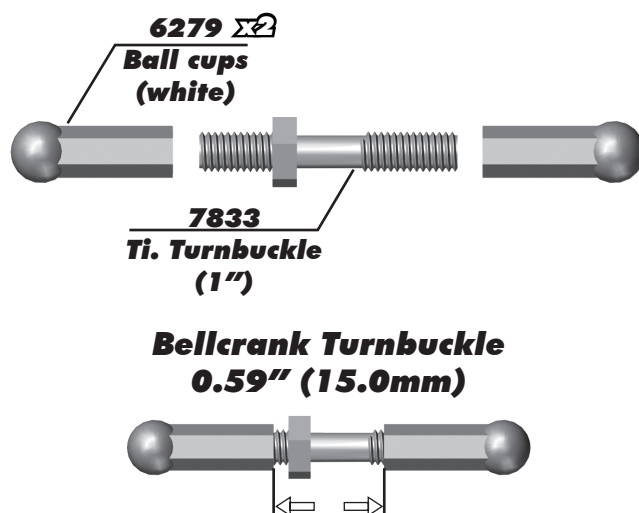
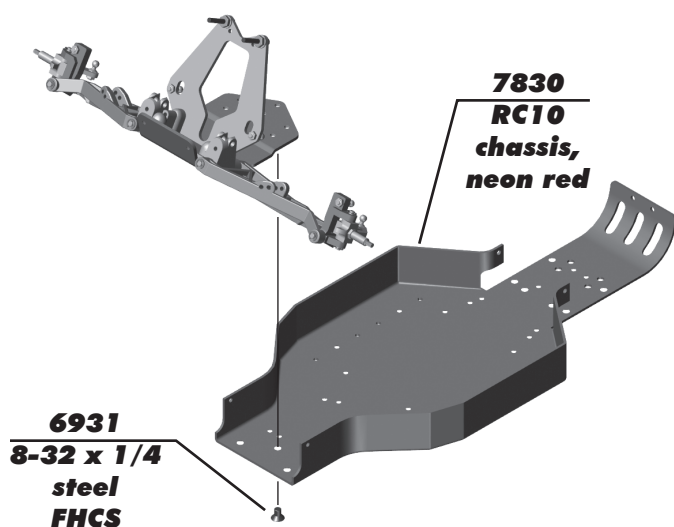


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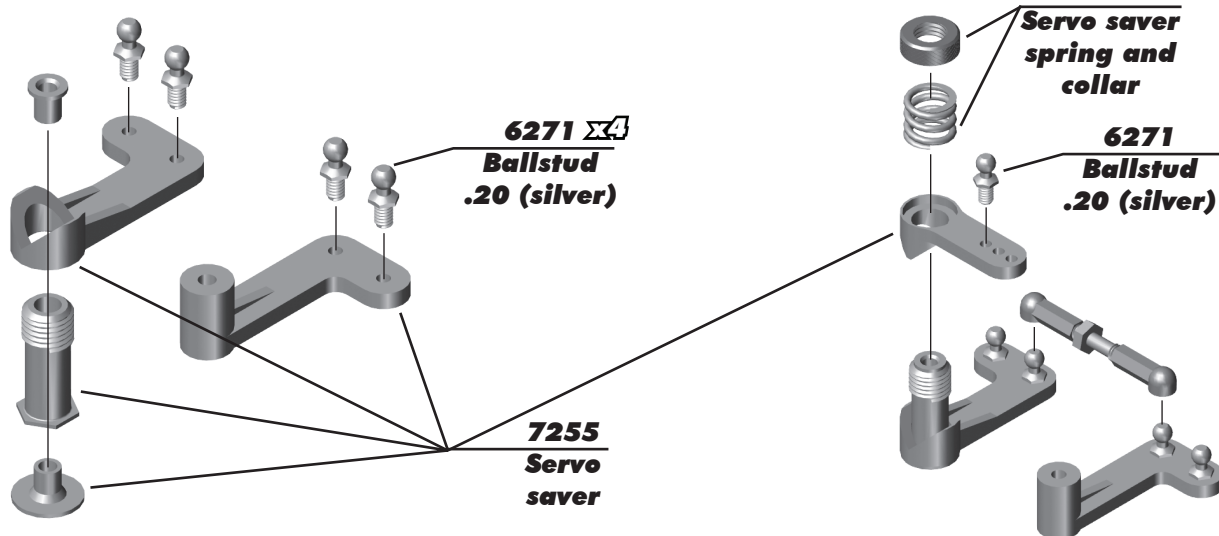


## :: Nose Plate / Steering Build - Bag A - Step 5

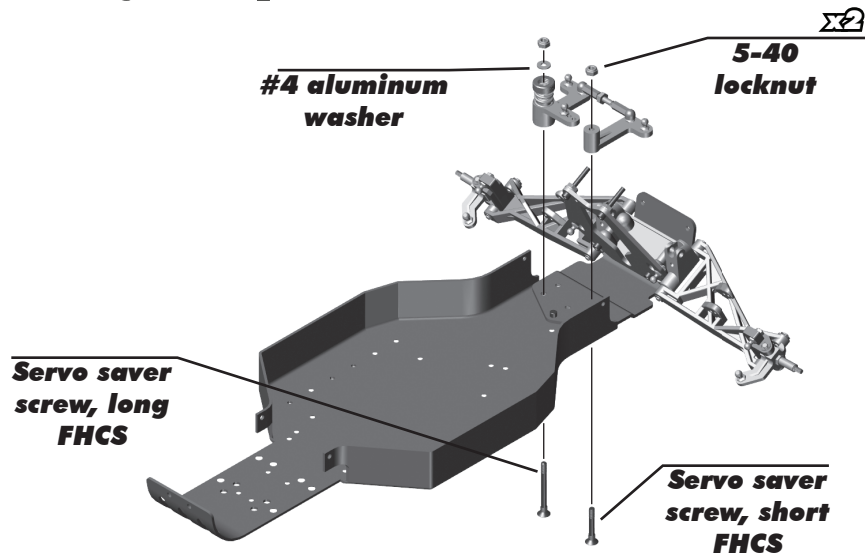
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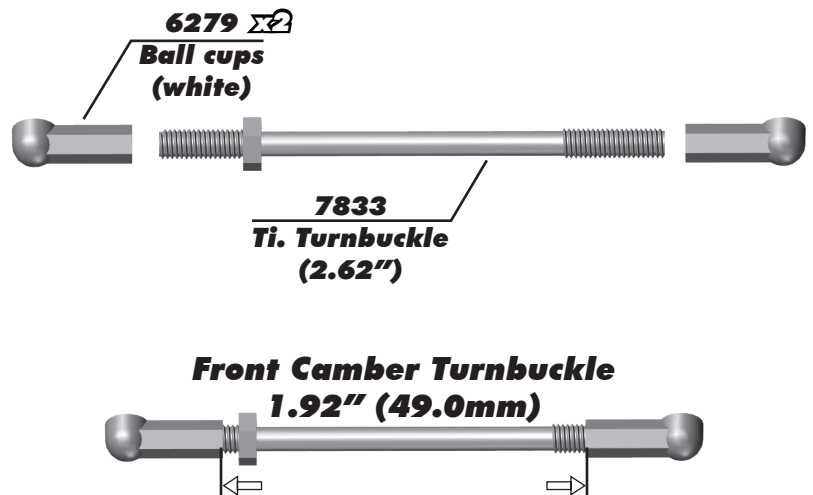
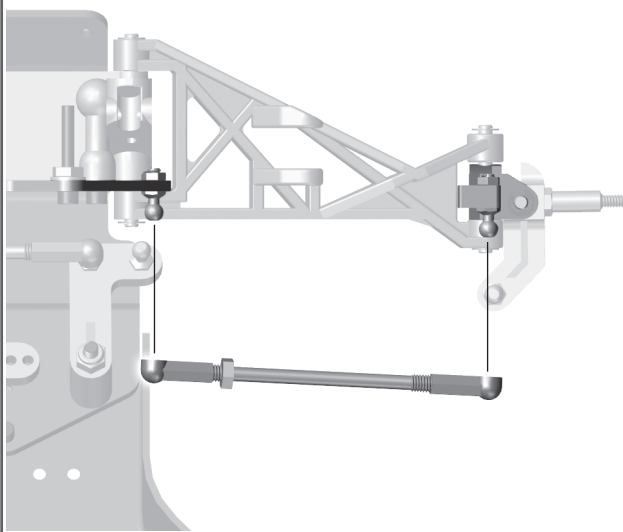
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### :: Servo Saver Build - Bag B - Step 3

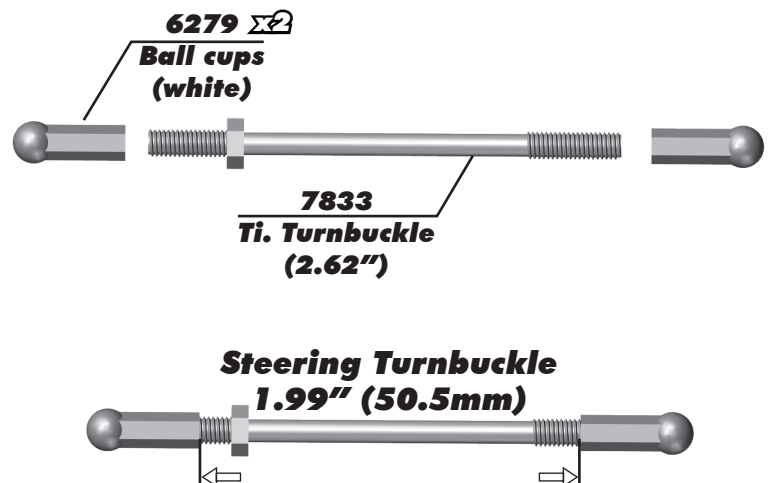
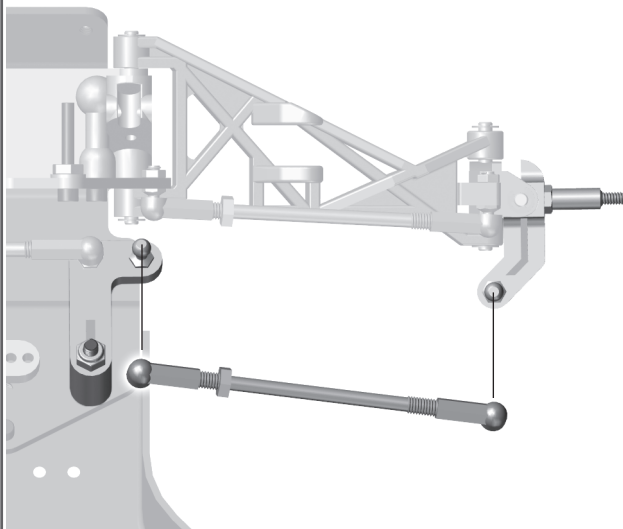


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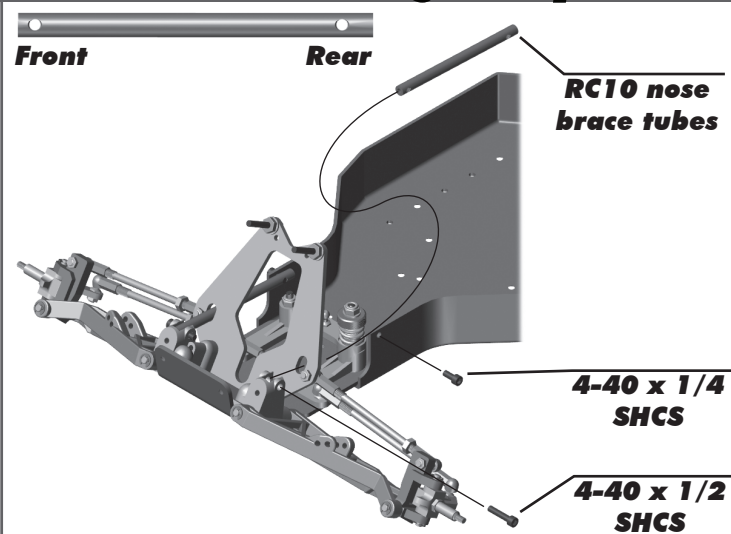
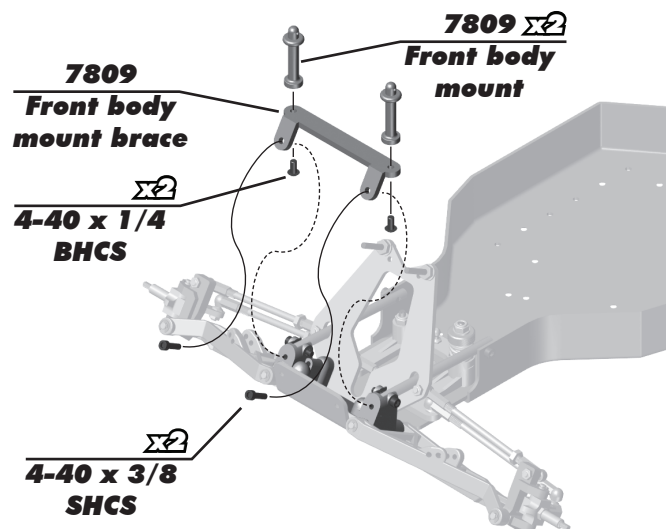
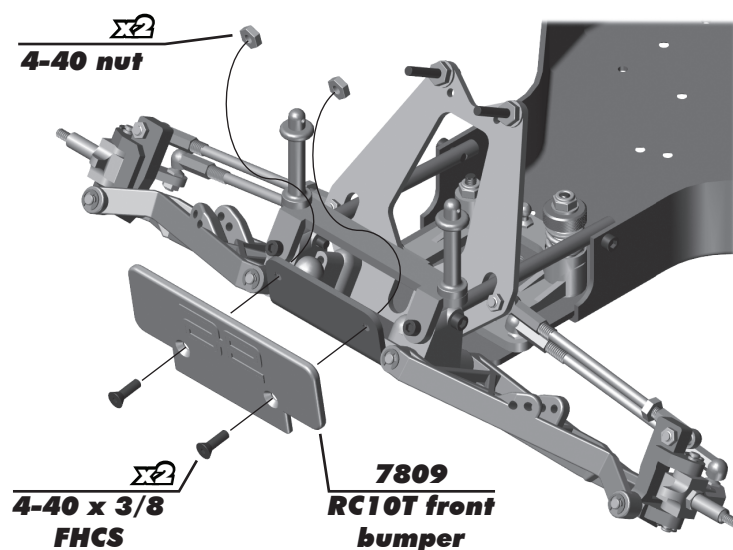
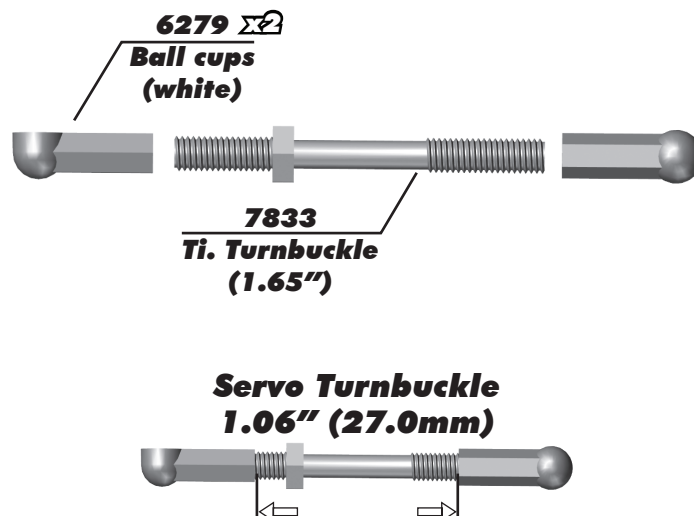
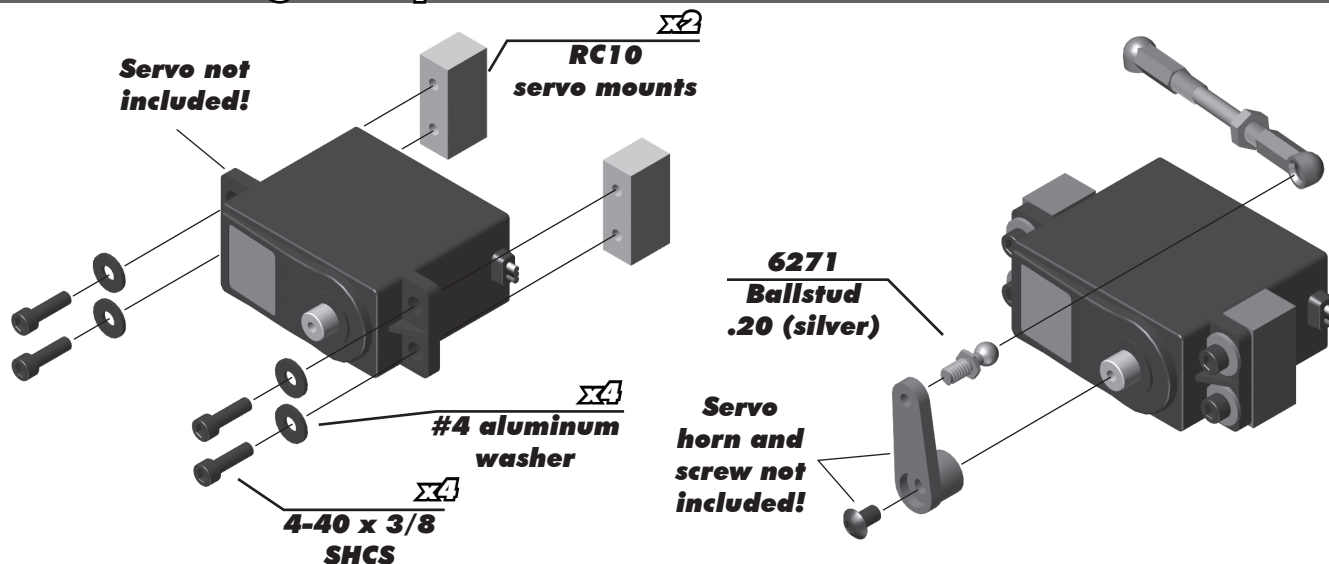


**Build left and right sides!**

### :: Servo Saver Build - Bag B / G - Step 5

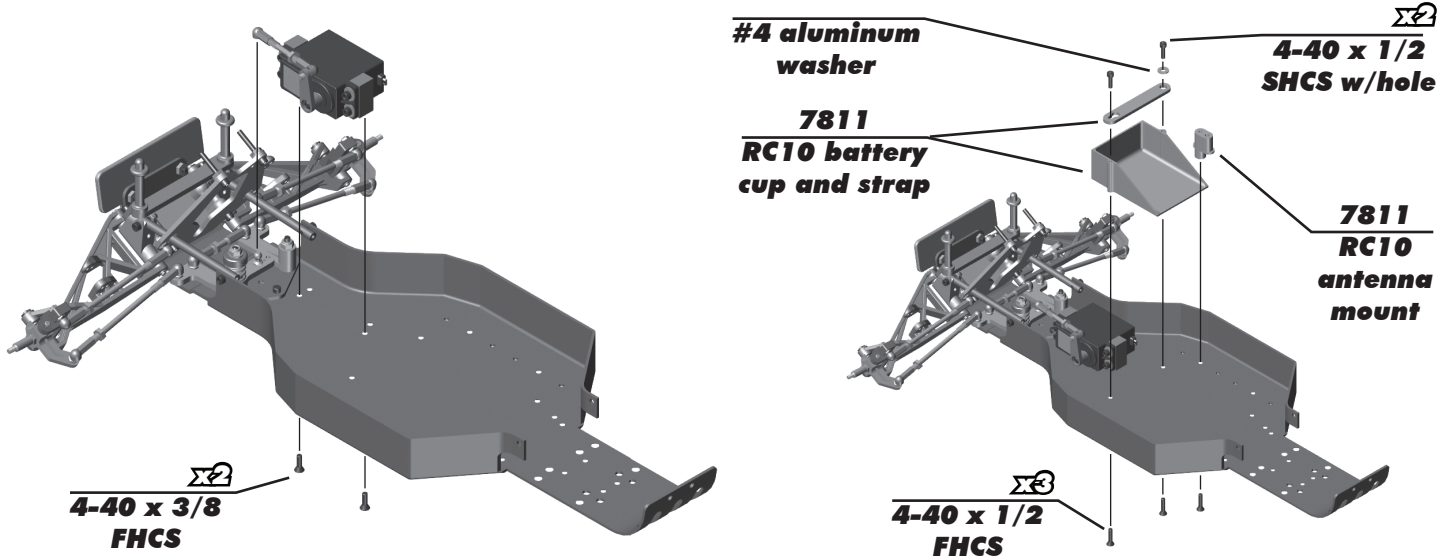


**Build left and right sides!**

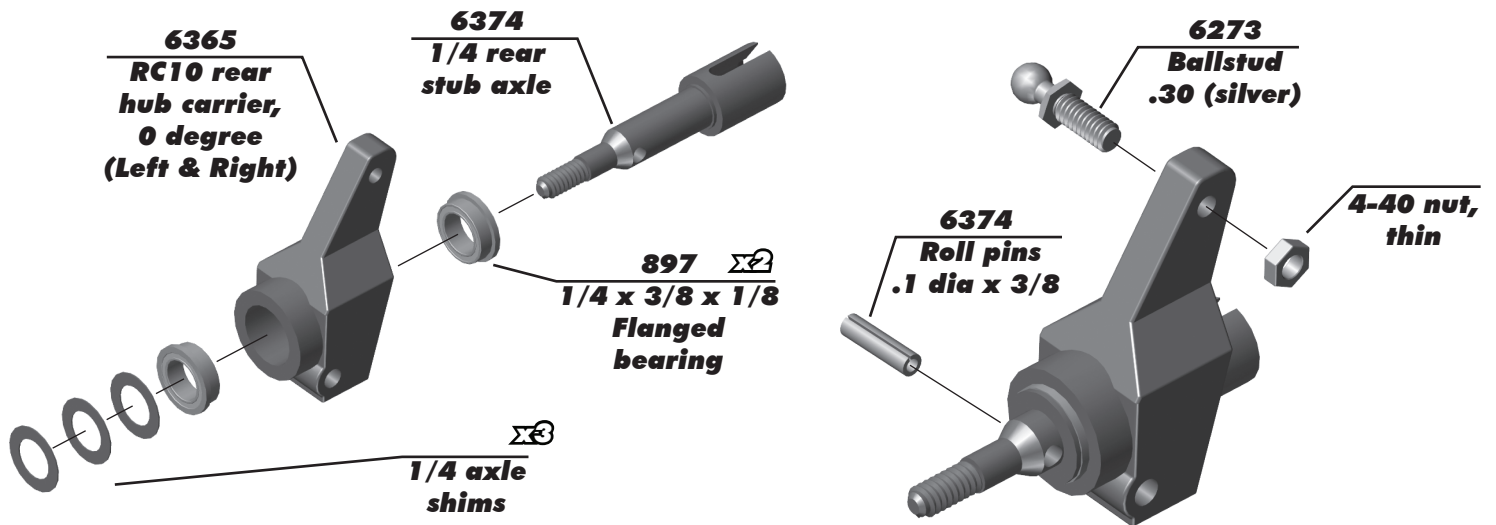
**:: Servo Saver Build - Bag B - Step 6****Build left and right sides!****:: Bumper / Mounts Build - Bag C - Step 1****:: Bumper / Mounts Build - Bag C - Step 2****:: Servo Build - Bag D / G - Step 1****:: Servo Build - Bag D - Step 2**



### :: Servo Build - Bag D - Step 3

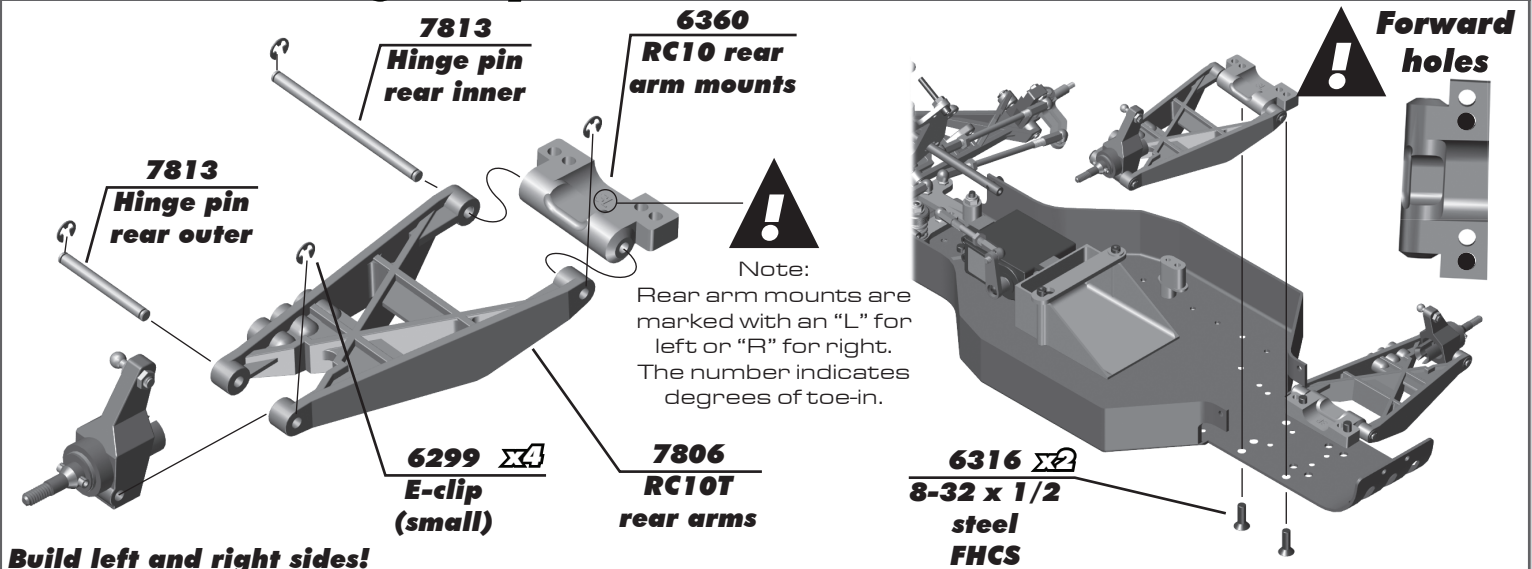


### :: Rear End Build - Bag E - Step 1



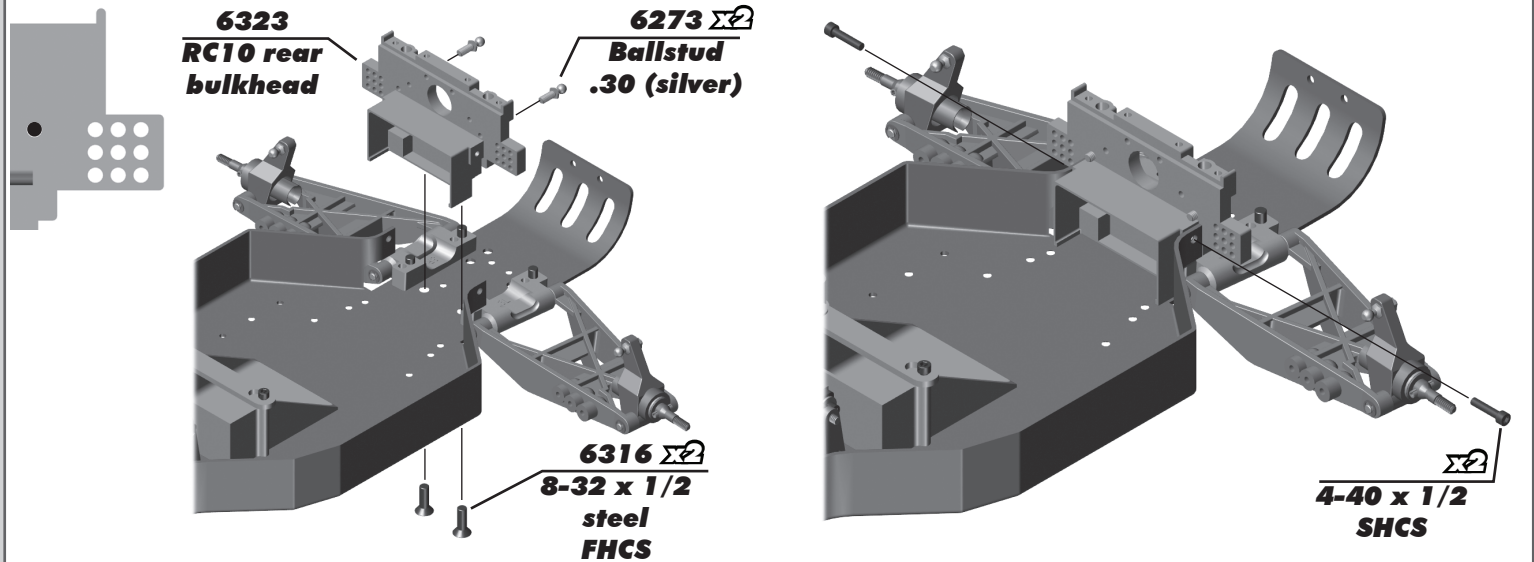
**Build left and right sides!**

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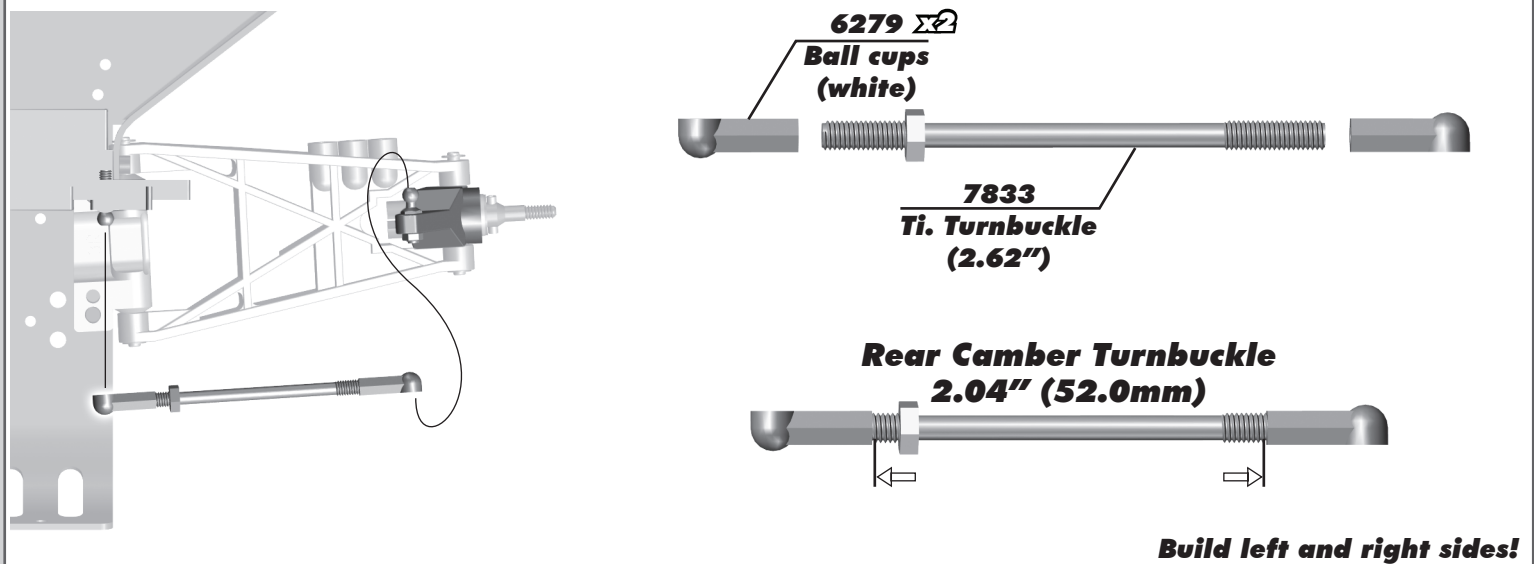


**Build left and right sides!**

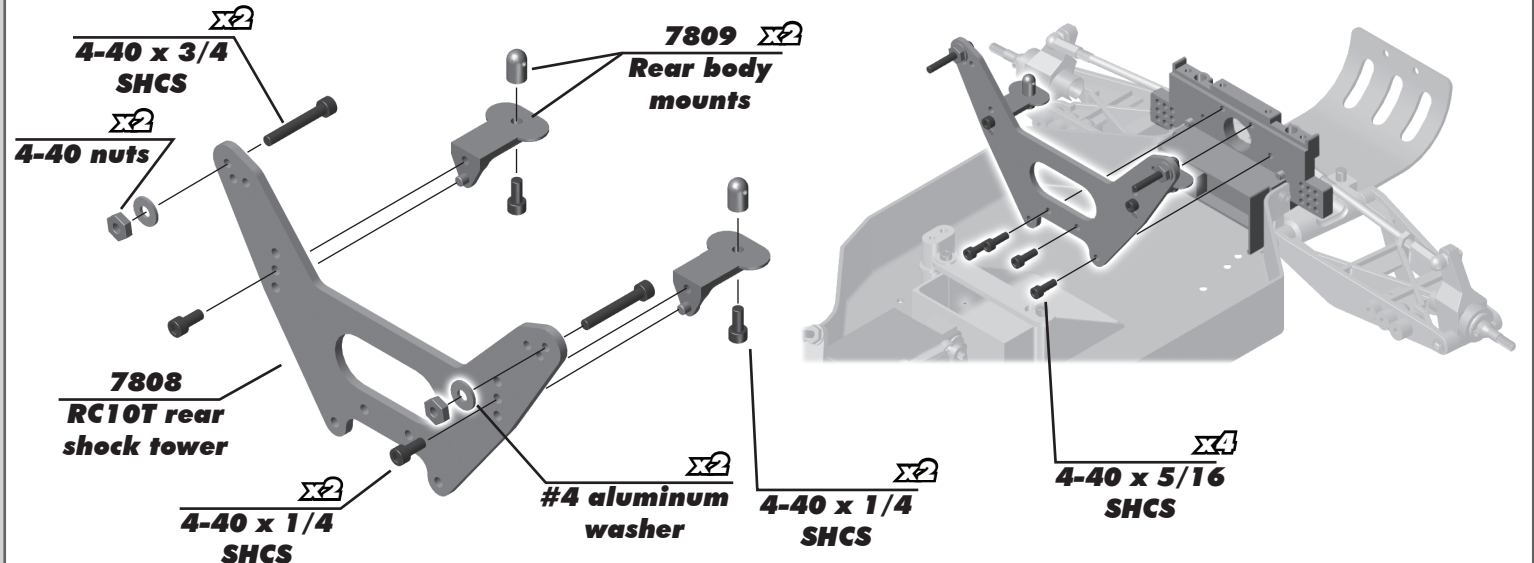
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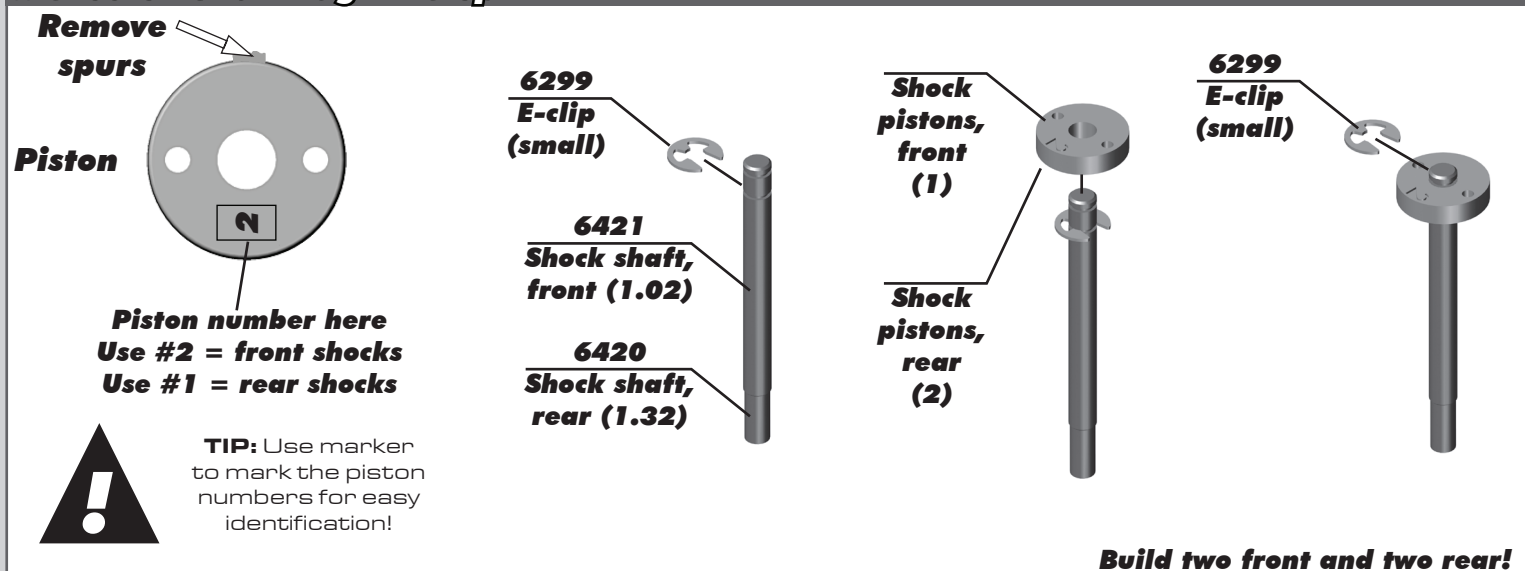
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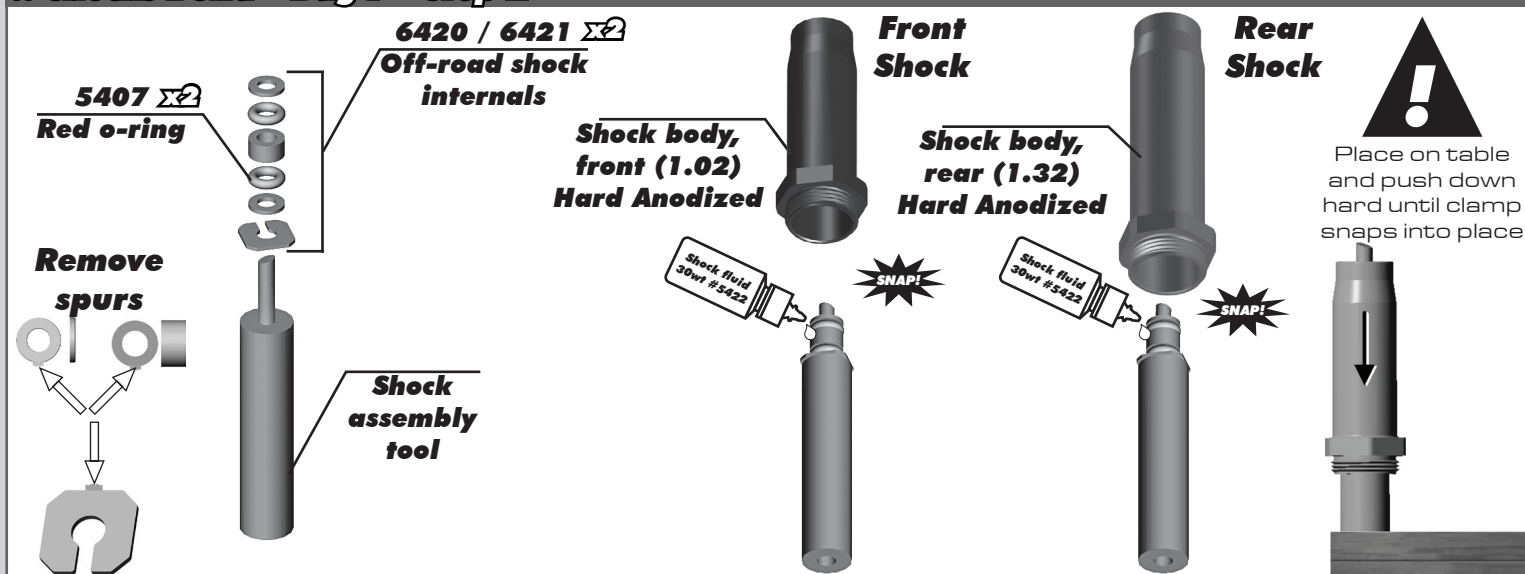
### :: Rear End Build - Bag E / C - Step 5



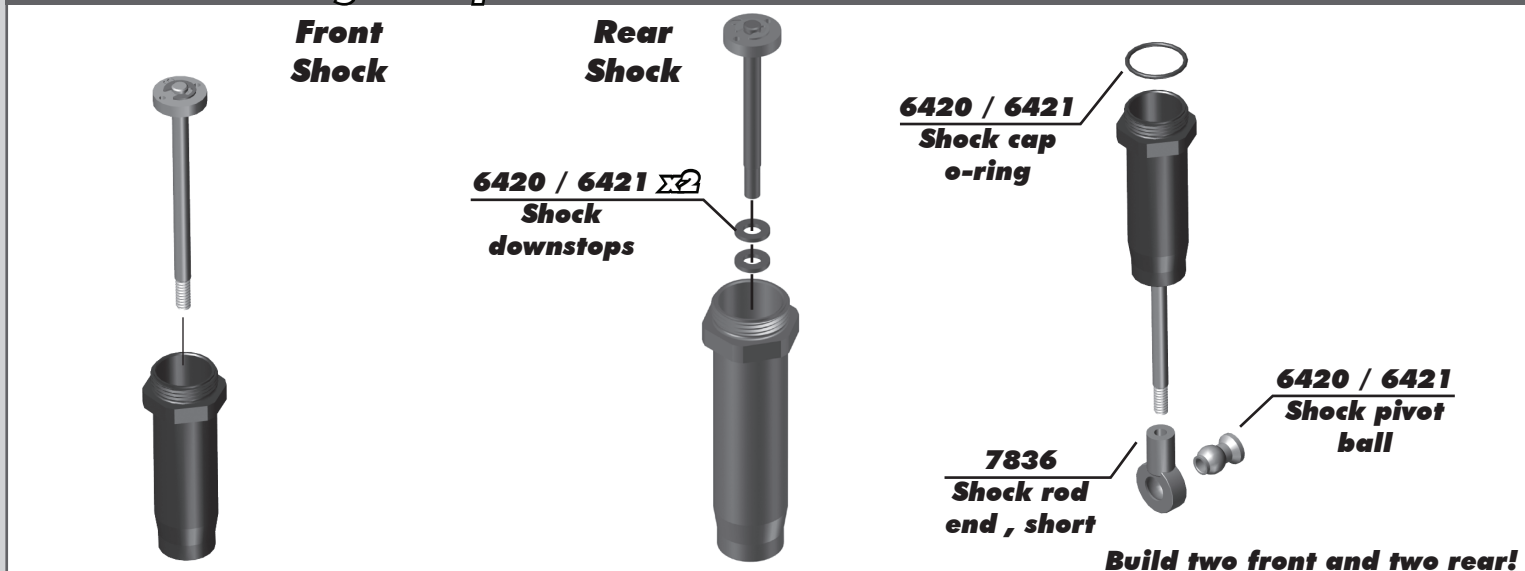
## :: Shocks Build - Bag F - Step 1



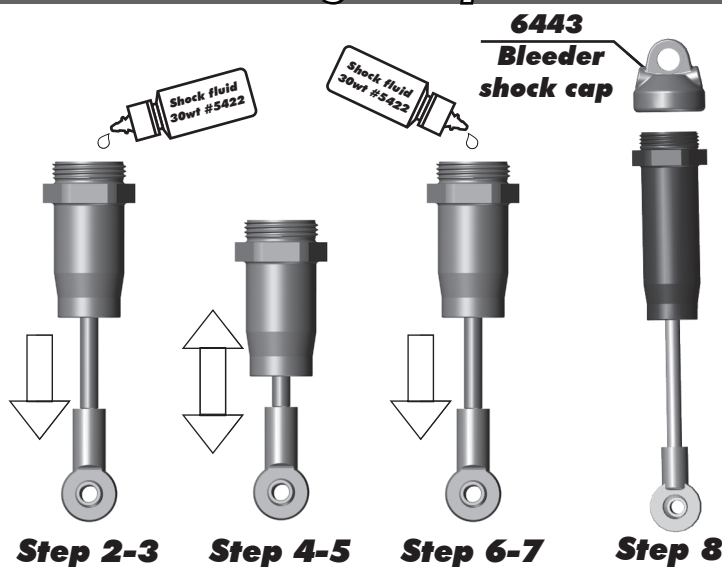
## :: Shocks Build - Bag F - Step 2



## :: Shocks Build - Bag F - Step 3

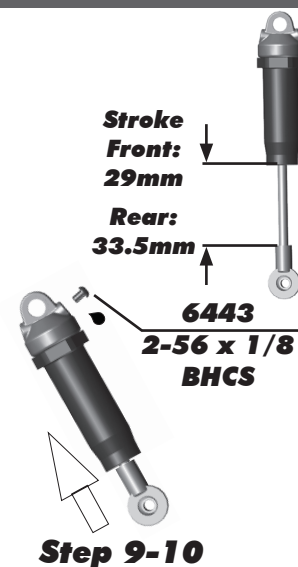


## :: Shocks Build - Bag F - Step 4

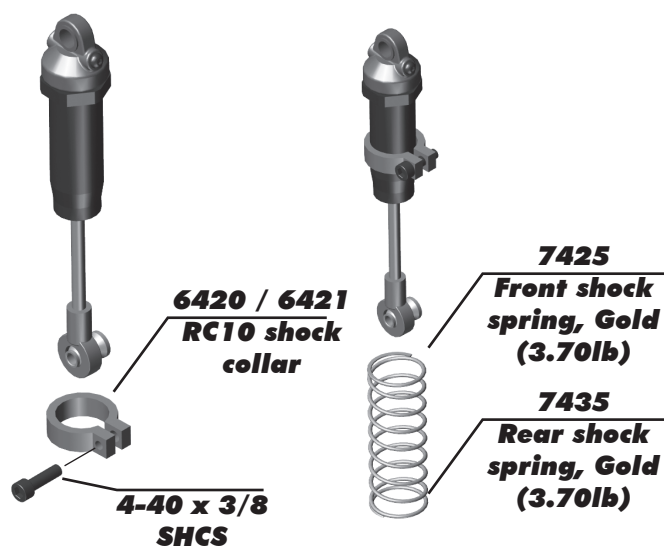


### Shock Bleeding Steps:

1. Before assembly, get each bleed screw and thread it 1-2 turns into the shock cap, then remove the screw. This will make it easier when you are bleeding your shocks.
2. Pull shock shaft down.
3. Fill shock body 3/4 full with silicone shock fluid.
4. Slowly move the shock shaft up and down to remove air from under the piston.
5. Wait for bubbles to come to surface.
6. Fill shock body to top with silicone shock fluid.
7. Place a drop of oil in the cap and on cap threads.
8. Install cap (without bleed screw) and tighten completely.
9. Slowly compress shaft all the way to bleed excess silicone shock fluid out the hole in the cap (use rag around shock to catch excess fluid).
10. Install button head screw until snug while shaft is fully compressed.



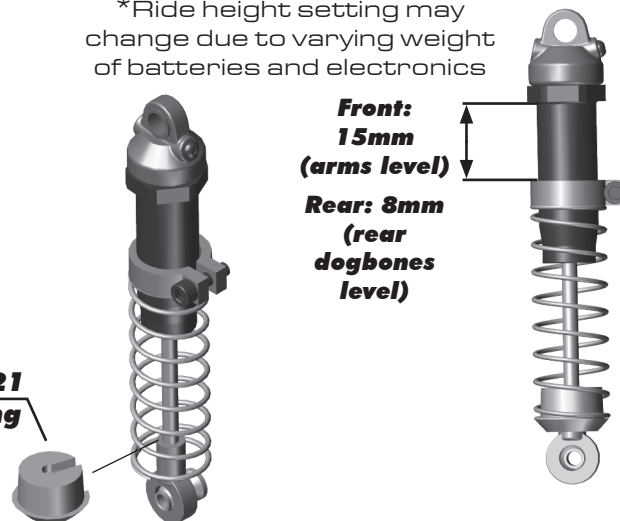
## :: Shocks Build - Bag F - Step 5



\*Ride height setting may change due to varying weight of batteries and electronics

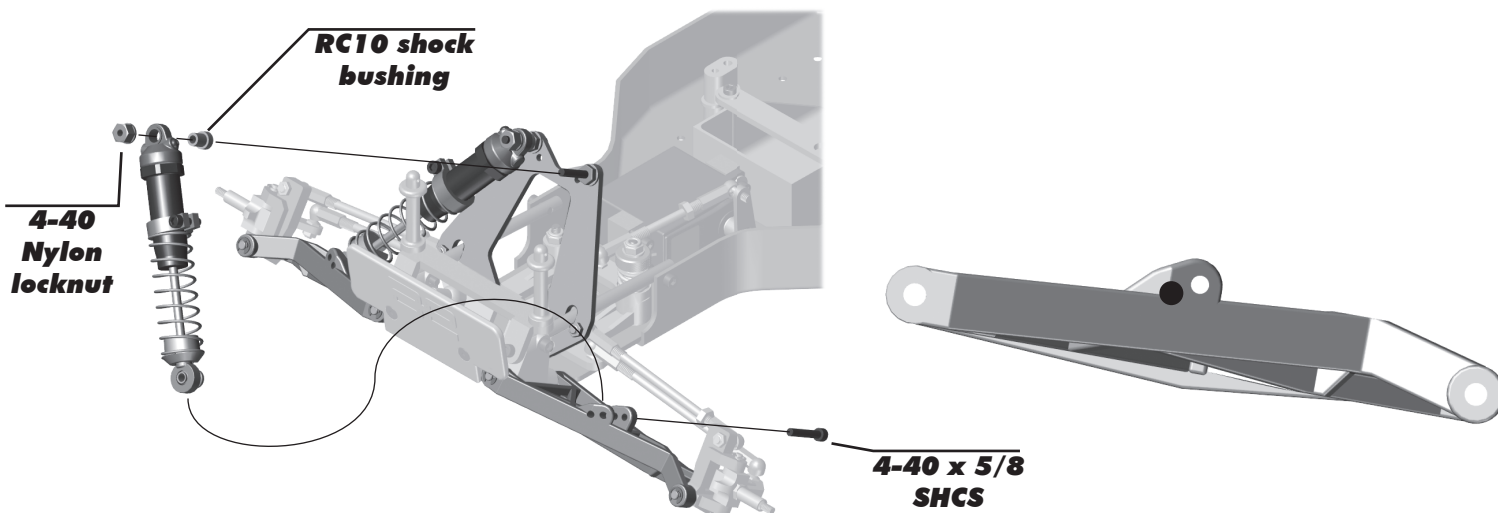
**Front:  
15mm  
(arms level)**

**Rear: 8mm  
(rear  
dogbones  
level)**



**Build two front and two rear!**

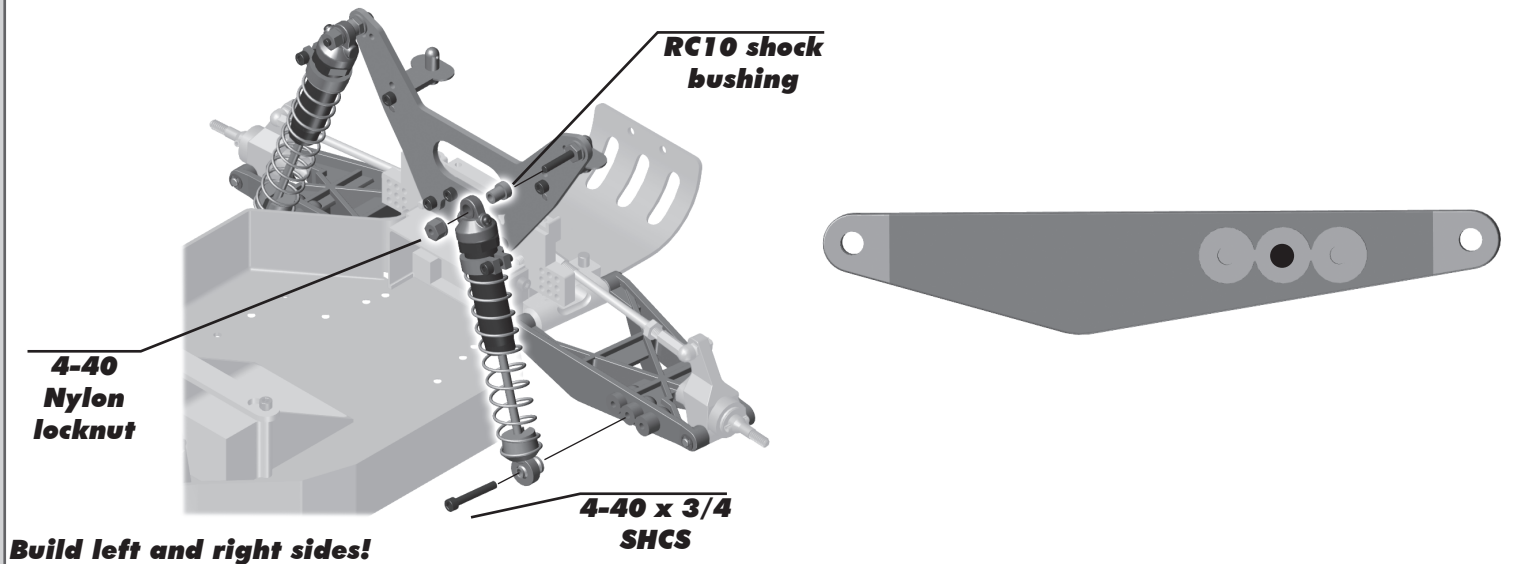
## :: Shocks Build - Bag F - Step 6



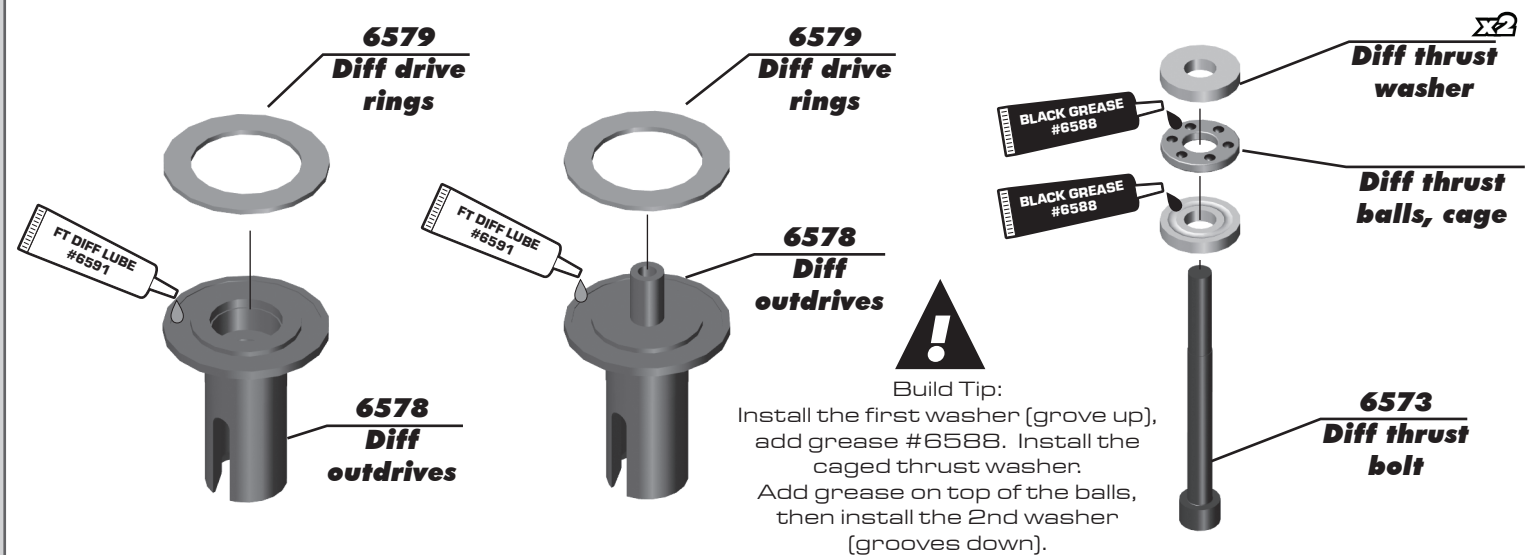
**Build left and right sides!**



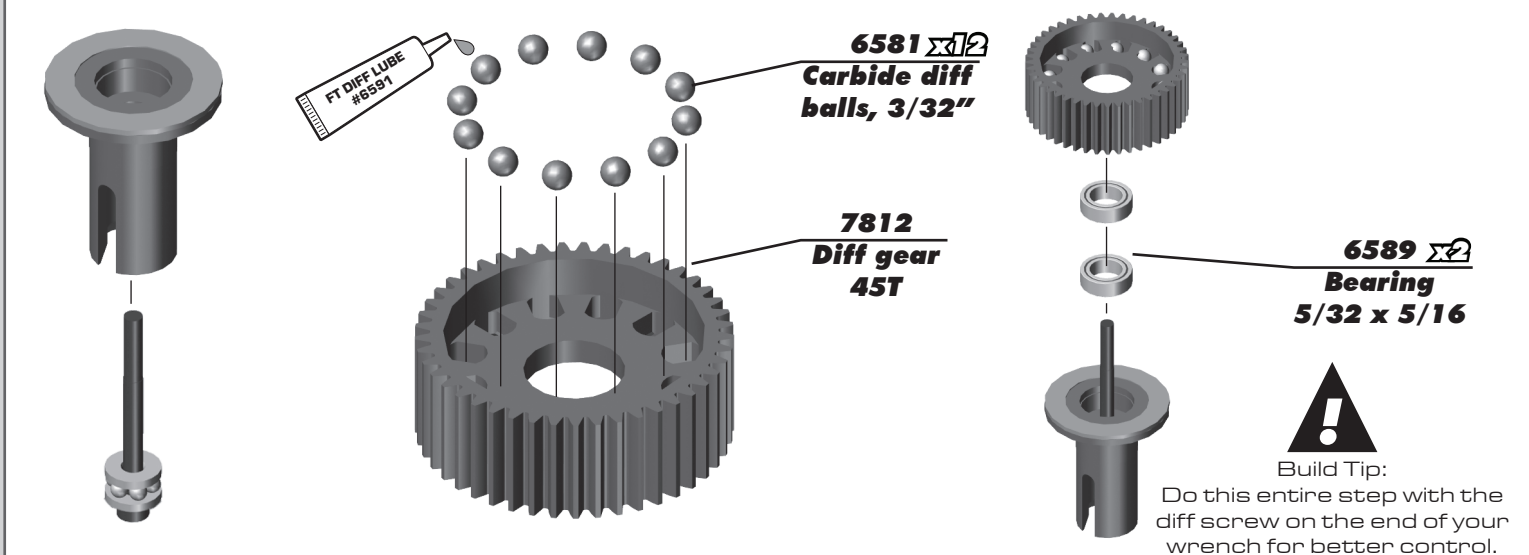
## :: Shocks Build - Bag F - Step 7



## :: Transmission Build - Bag H - Step 1



## :: Transmission Build - Bag H - Step 2



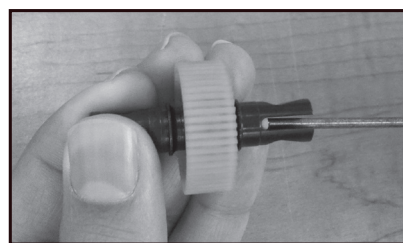
### :: Transmission Build - Bag H - Step 3



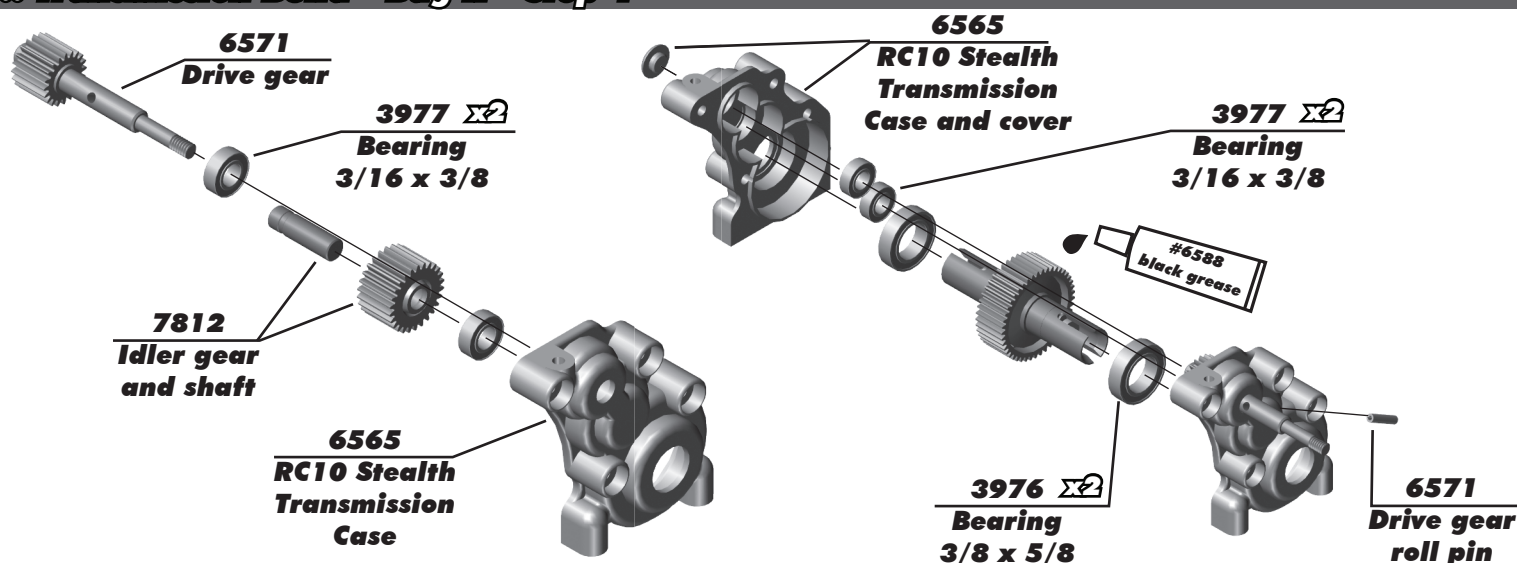
As you tighten the diff bolt, you will notice the T-nut ears moving closer to the bottom of the outdrive slot. This compresses the spring behind the T-nut. The spring should be completely compressed at the time the T-nut reaches the end of the slot.

Caution! Pay close attention to the feeling when the spring is completely compressed. Do not overtighten the bolt. When you feel the spring completely compressed, loosen the diff bolt 1/8 of a turn. Your diff should now operate smoothly but with resistance as the outdrives move in opposite directions.

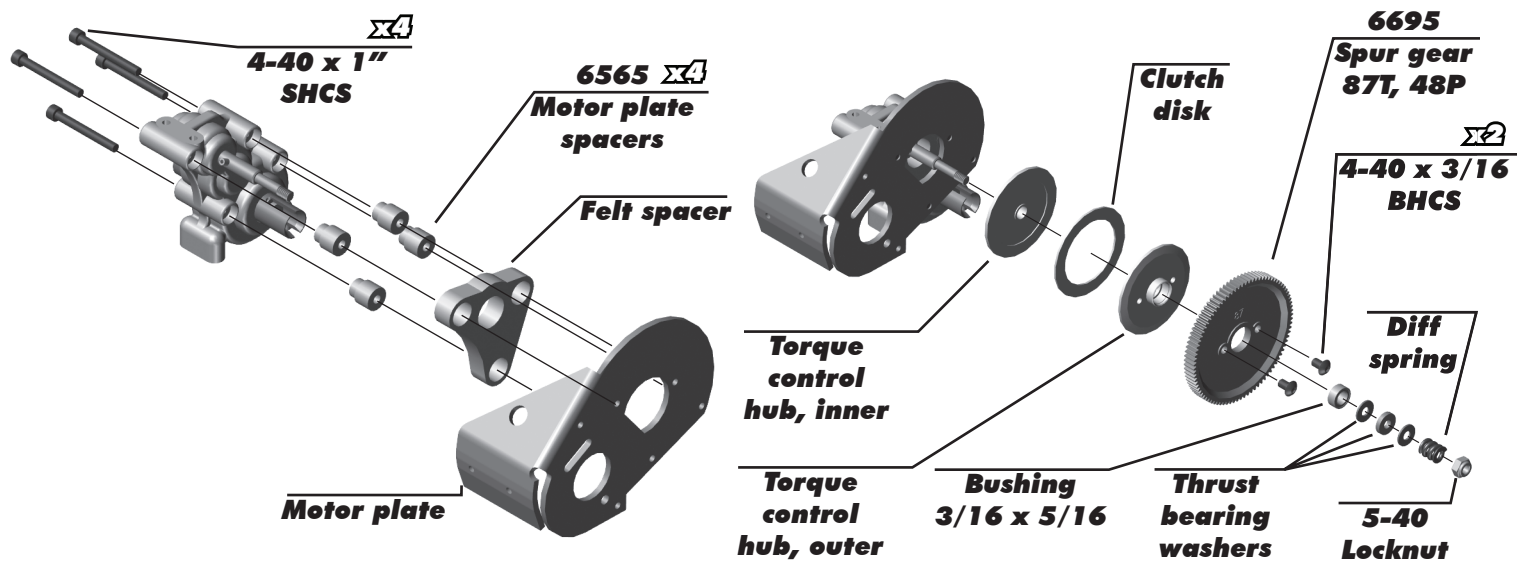
After you have driven the car once, re-check the diff setting.



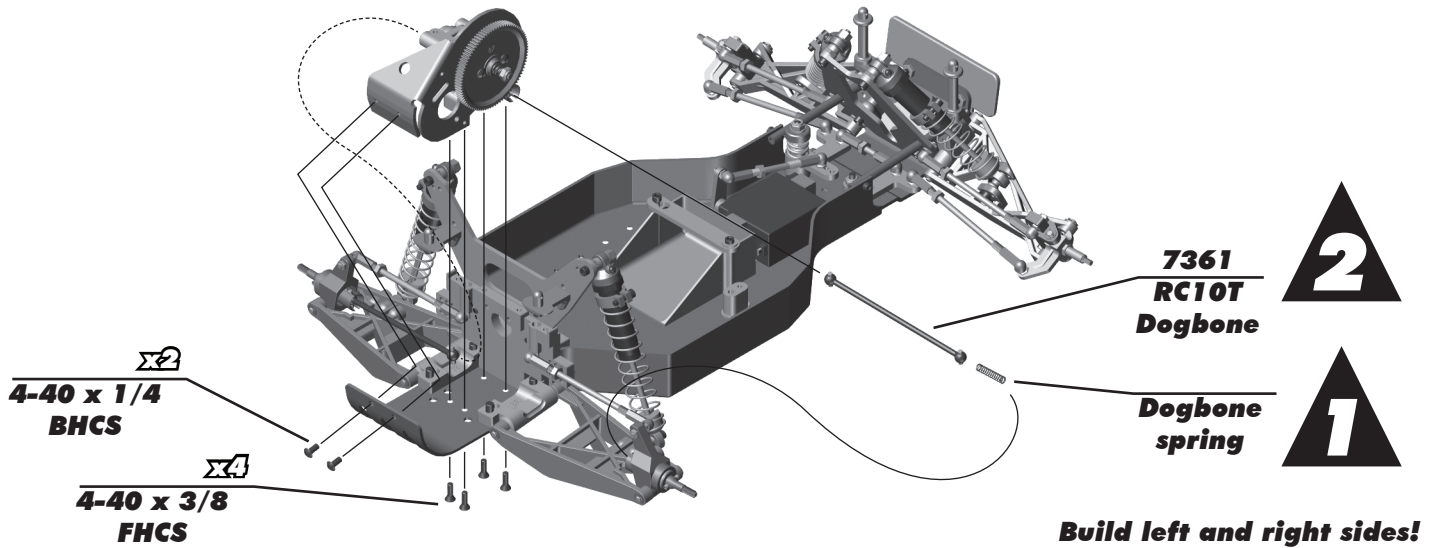
### :: Transmission Build - Bag H - Step 4



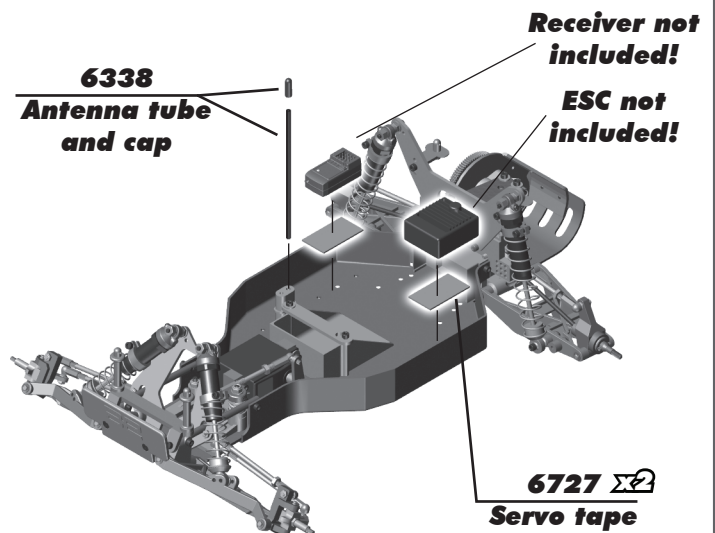
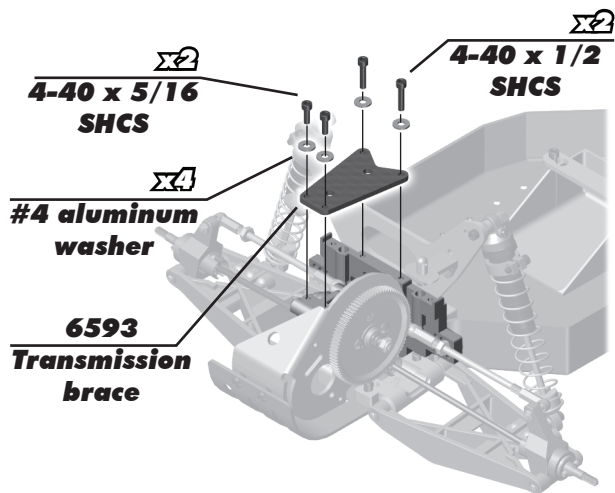
### :: Transmission Build - Bag H / E - Step 5



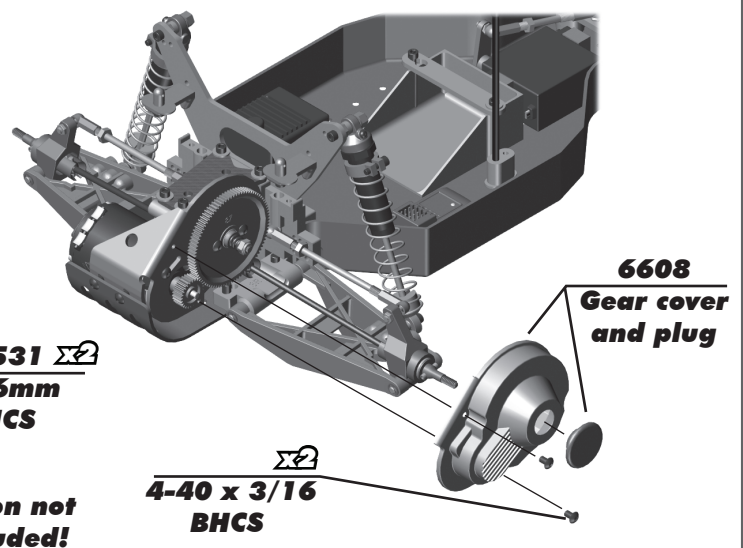
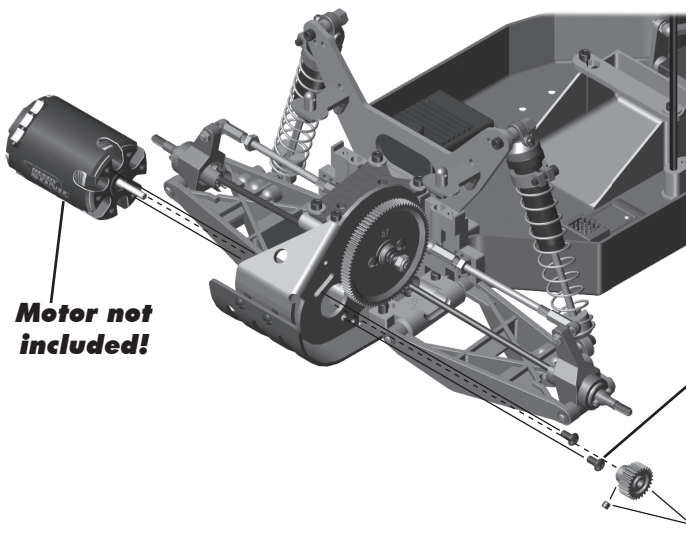
## :: Transmission Build - Bag H - Step 6



## :: Transmission Build - Bag H - Step 7

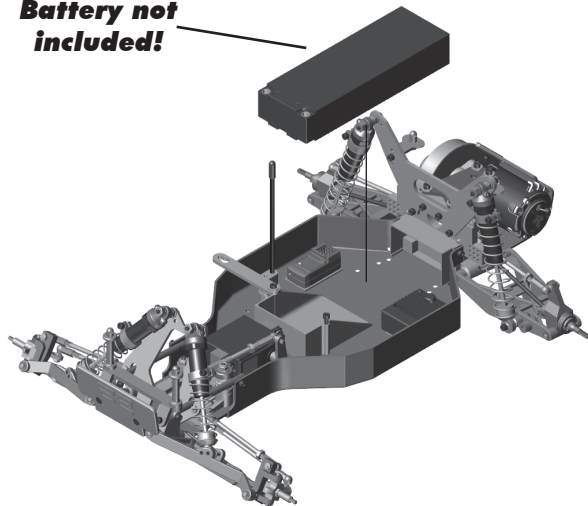


## :: Transmission Build - Bag H/ D - Step 8

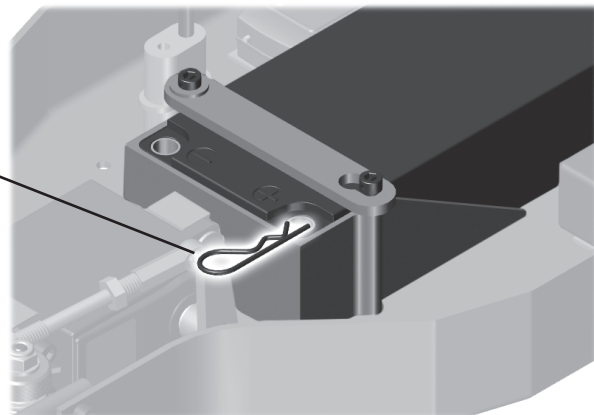


## :: Transmission Build - Bag H/ D - Step 9

**Battery not included!**

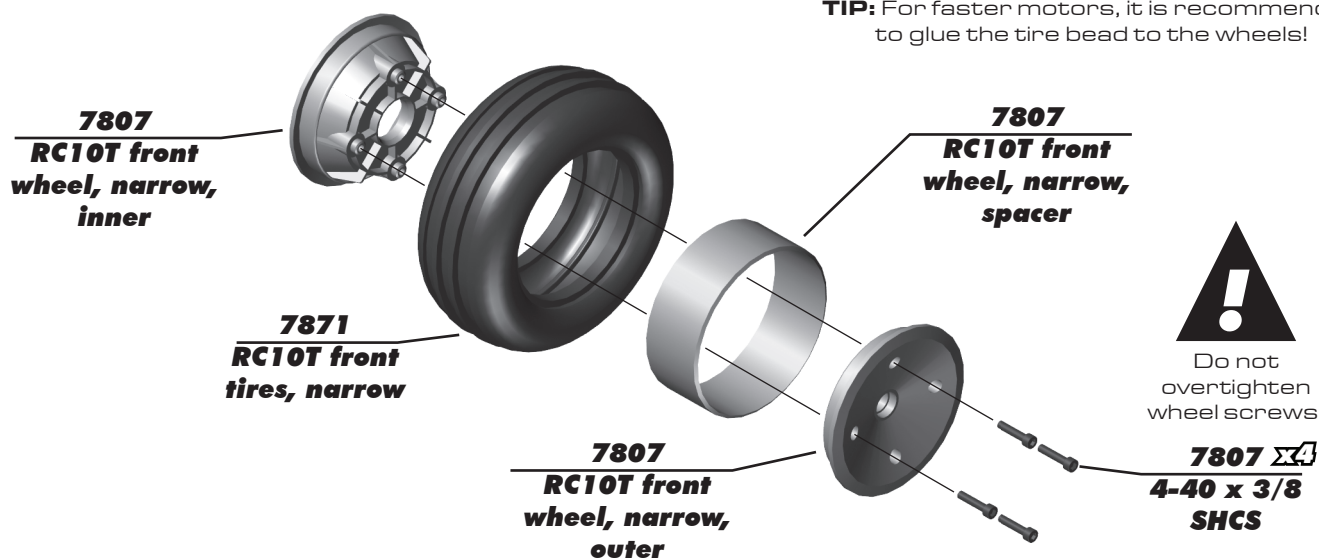


**6332**  
**Body clip**



## :: Tires Build - Bag I - Step 1

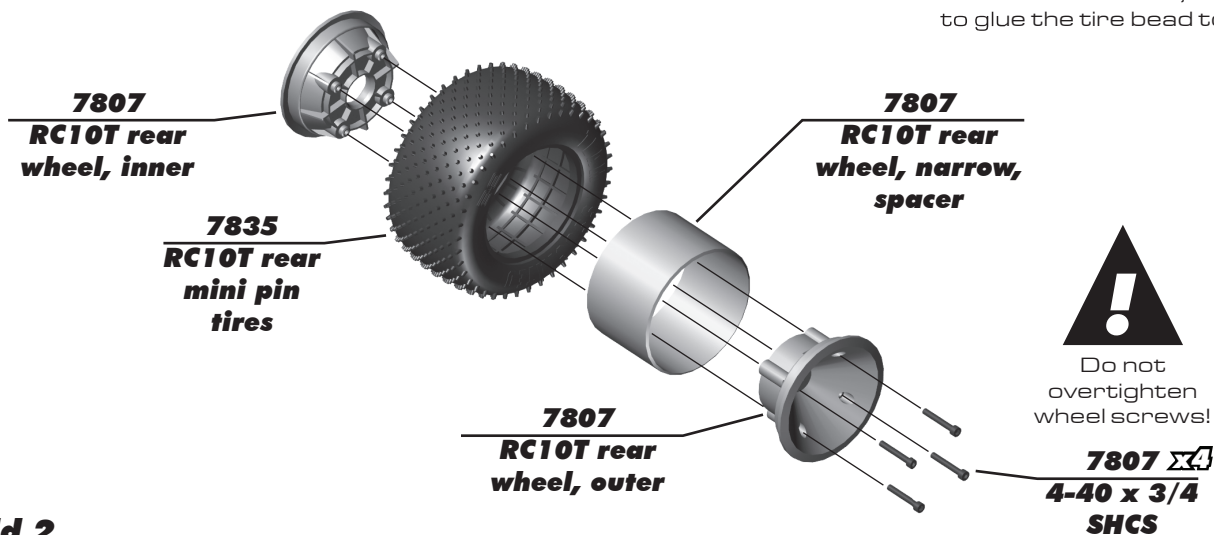
**TIP:** For faster motors, it is recommended to glue the tire bead to the wheels!



**Build 2**

## :: Tires Build - Bag I - Step 2

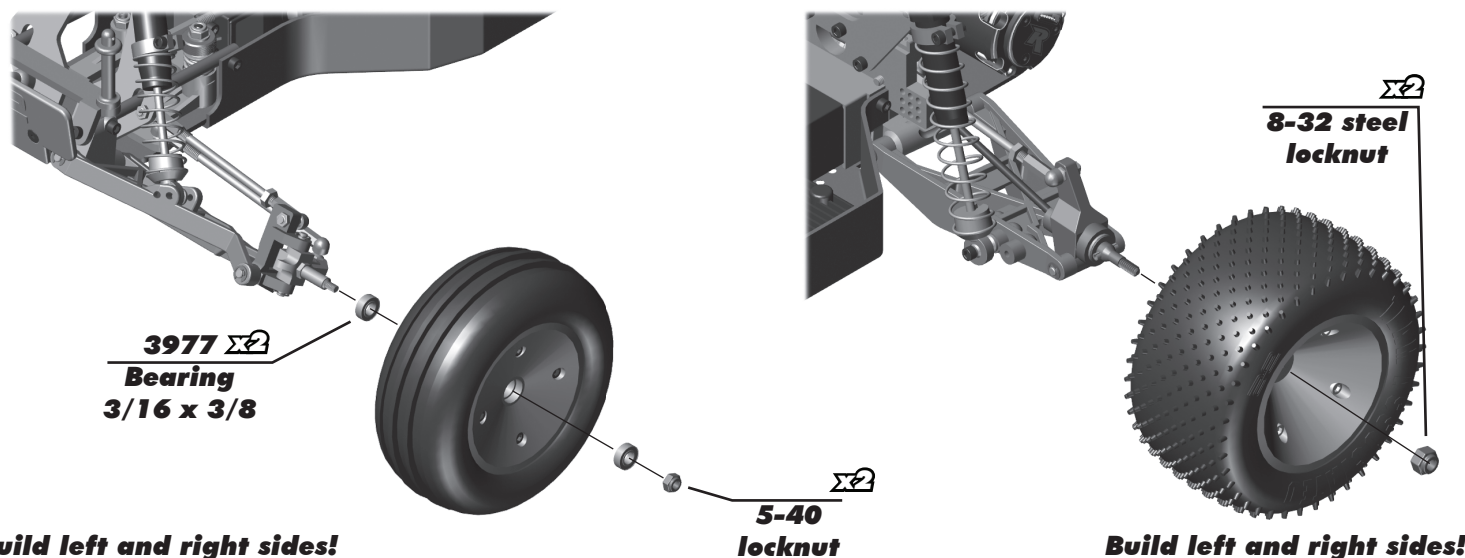
**TIP:** For faster motors, it is recommended to glue the tire bead to the wheels!



**Build 2**



## :: Tires Build - Bag I - Step 3



## :: Body Build - Step 1

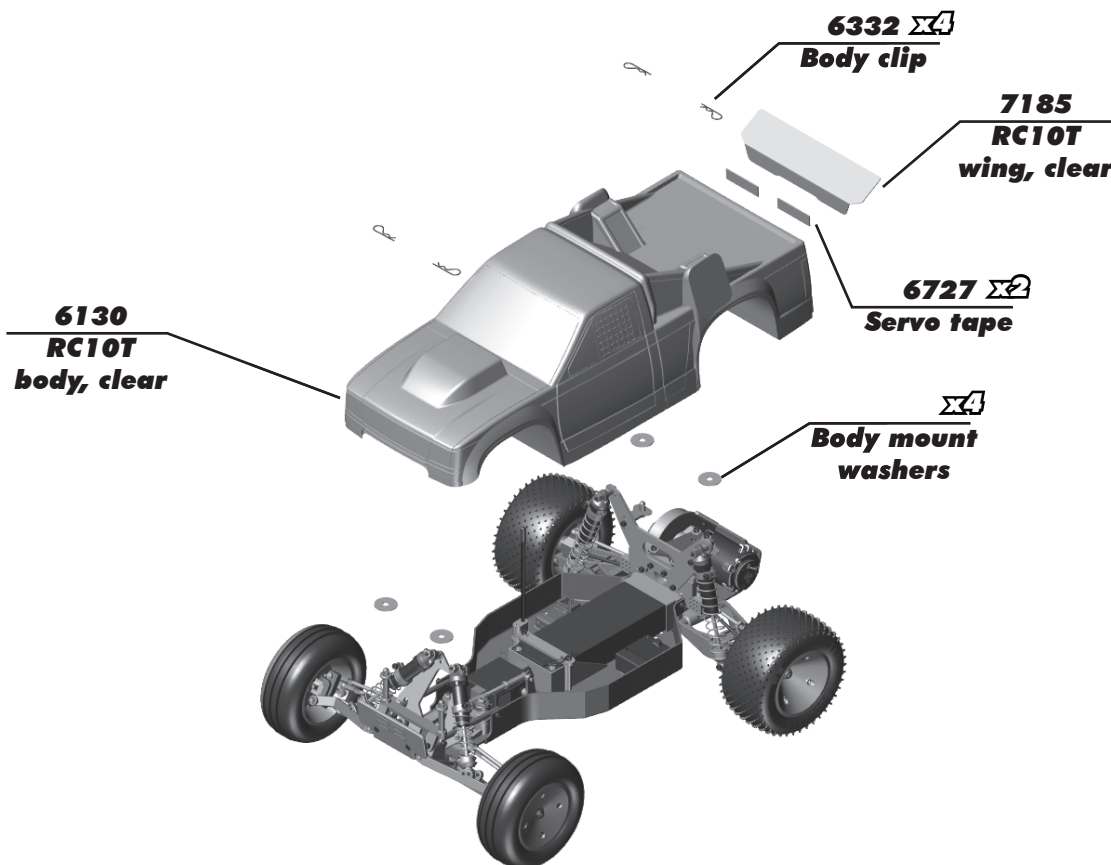
### Painting Tips:

Your RC10T Kit comes with a clear polycarbonate body and wing. You will need to prep the body and wing before you can paint them. Wash the inside thoroughly with warm water and liquid detergent. Dry the body and wing using a clean, soft, lint-free cloth. Use high quality masking tape to make masks for the windows and install them on the inside of the body (RC cars get painted from 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 plastic body and wing!). It is recommended to wear a mask while painting.

After the paint has dried, cut the body and wing along the trim lines.

Make sure to drill or use a body reamer to make the holes for the body mounts, wing mounts, and antenna!





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