TEAM ASSOCIATED

1:24 Scale Electric
Competiton
Off-Road Truck Kit



RC10T MODEL 24

1:24 Scale 2WD Electric Off Road Truck Kit Car Manual

#20207 RC10T Model 24 Kit

WeAreAE

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 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.
Check www.rc10.com for the latest versions of our instruction manauls.

:: RC10T Model24 Features

- Authentic precision hobby-grade 1:24 scale replica of the original RC10T stadium truck
- Gold anodized laser etched aluminum monocoque tub chassis,
- New 24th scale RC10T gold anodized front nose plate
- Gold anodized motor plate
- RC10T front bumper
- Hardened steel outdrives and dogbones
- Fully adjustable four-wheel independent suspension
- Long travel, fluid-filled gold anodized aluminum coil-over shocks
- Sealed 3-gear transmission with fully adjustable slipper system
- High-torque gear differential
- Front and rear RC10T tires with one piece racing wheels
- Clear lexan micro RC10T body, wing and authentic decal sheet
- Fiberglass shock towers
- Full metal ball bearings
- All metric hardware
- Compatible with all existing Reedy micro 1:24 and 1:28 scale electronics
- Full parts support
- Exceptional ground clearance with low center of gravity

:: Additional

Your new RC10T Model24 Kit comes unassembled and requires the following items for completion (refer to AssociatedElectrics.com for suggestions):

- R/C two channel surface frequency radio system
- AA-size batteries for transmitter
- Electronic Speed Control (“ESC”)
- Steering servo
- R/C electric motor
- Battery charger (a peak detection charger, or LiPo compatible charger)
- 1.24 / 1.28 Scale LiPo battery pack
- Polycarbonate specific spray paint
- Cyanoacrylate glue (“CA”) (#1697)
- Thread locking compound (#1596)
- Pinion gear, size determined by type/turn or kV of motor

:: Other Helpful Items

- Silicone Shock Fluid (Refer to AssociatedElectrics.com for complete listings)
- 4.5mm Nut Wrench
- .050”, 0.9mm, 1.3mm, 1.5mm Hex Wrenches
- FT Body Scissors (#1737)
- FT Body Reamer (#1499)
- Small Needle Nose Pliers
- Calipers or a Precision Ruler
- Soldering Iron
- Hobby Knife

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

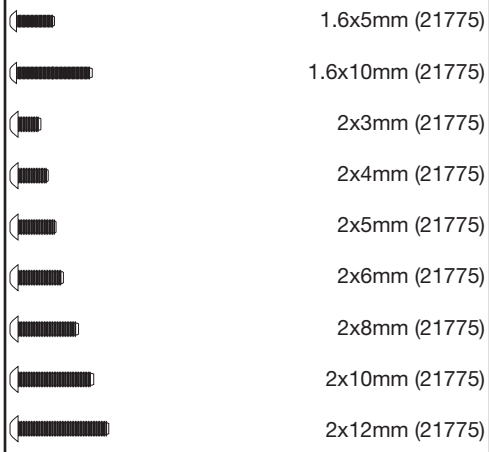
ASSOCIATED ELECTRICS
Since 1984

Customer Service
Tel: 949.544.7500
Fax: 949.544.7501

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:: Hardware - 1:1 Scale View

Button Head (bhcs)



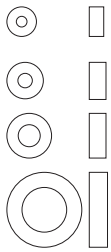
1.6x5mm (21775)
1.6x10mm (21775)
2x3mm (21775)
2x4mm (21775)
2x5mm (21775)
2x6mm (21775)
2x8mm (21775)
2x10mm (21775)
2x12mm (21775)

Flat Head (fhcs)



2x4mm (21775)
2x5mm (21667)
2x6mm (21775)
2x16mm (21775)

Ball Bearing / Axle Spacer



4x1.5x2mm (21775)
5x2x2.3mm (21775)
6x3x2.5mm (21774)
10x6x2.5mm (21769)

Shims and Washers



4x2x0.5mm
4x2x1mm
4x2x2mm

Nuts (lock/plain)



M2 LockNut, Aluminum (21689)
M2 Nut (21775)

:: Notes

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Bag B

7.....Transmission Build
Bag C

8.....Rear Bulkhead / Suspension Build
Bag D

10.....Turnbuckles Build
Bag E

12.....Shocks Build
Bag F

14.....Chassis / Steering Servo Build
Bag G

15.....Electronics / Wheels / Body Build
Bag H

16..... Back Cover

:: Notes

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

x2 This symbol indicates the number of the same part that is required.

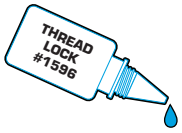
2 This symbol indicates the order within a step to assemble parts.

FACTORY TEAM This symbol indicates there are optional FT parts available

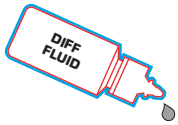
This symbol indicates a Racers Tip.



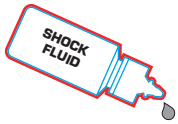
There is a 1:1 hardware foldout page in the front of the manual. To check the size of a part, line up your hardware with the correct drawing until you find the exact size. Each part in the foldout has a number assigned to it for ordering replacement parts.



This symbol indicates where Thread Lock Adhesive should be applied. *not included



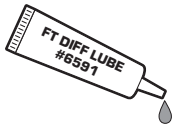
This symbol indicates where Diff Fluid should be applied.



This symbol indicates where Shock Fluid should be applied.



This symbol indicates where FT Silicone Grease should be applied. *not included



This symbol indicates where FT Diff Lube should be applied. *not included

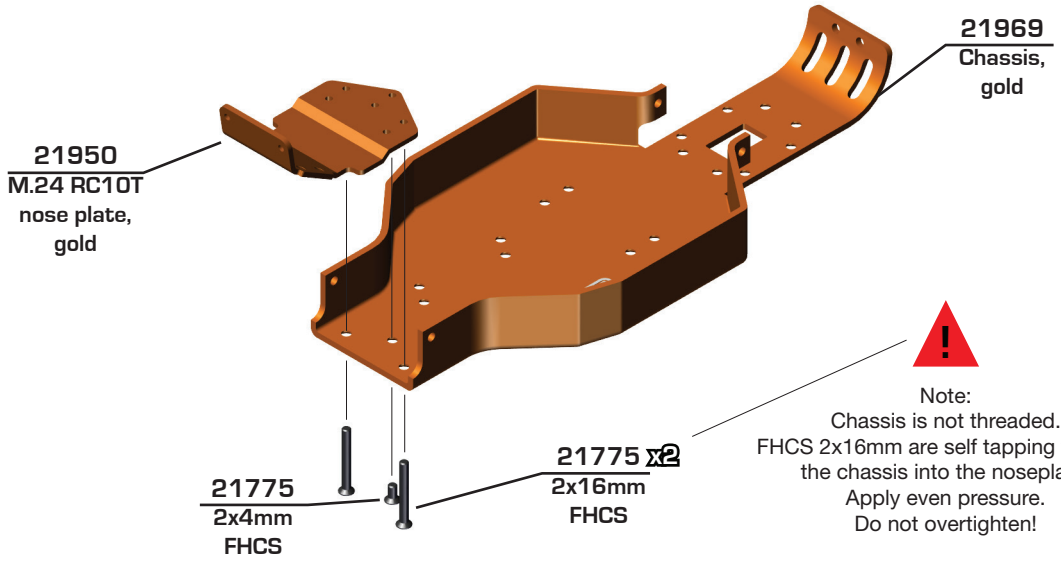


This symbol indicates where Black Grease should be applied.

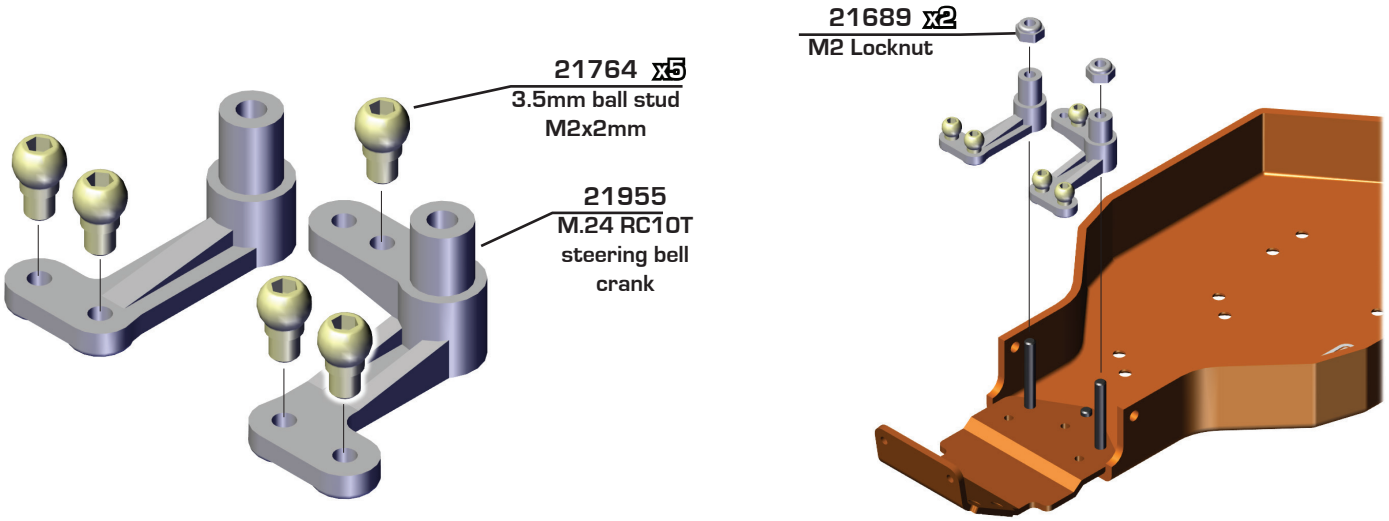


This symbol indicates where Green Slime can be applied. *not included

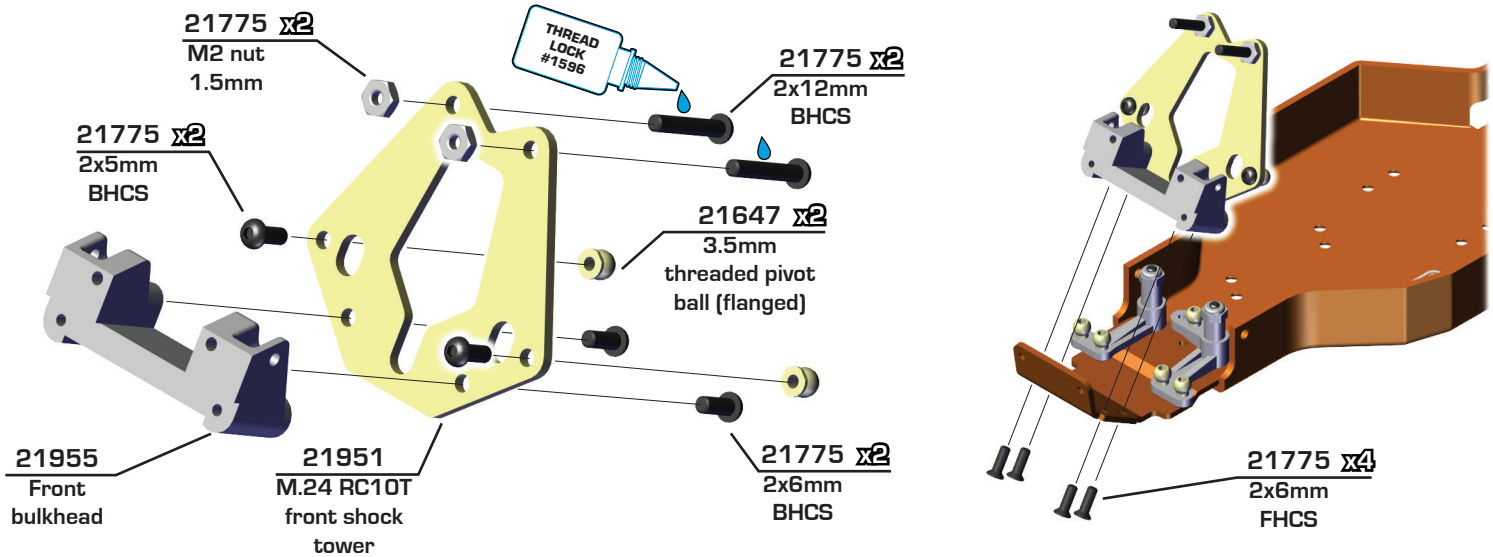
Bag A - Step 1



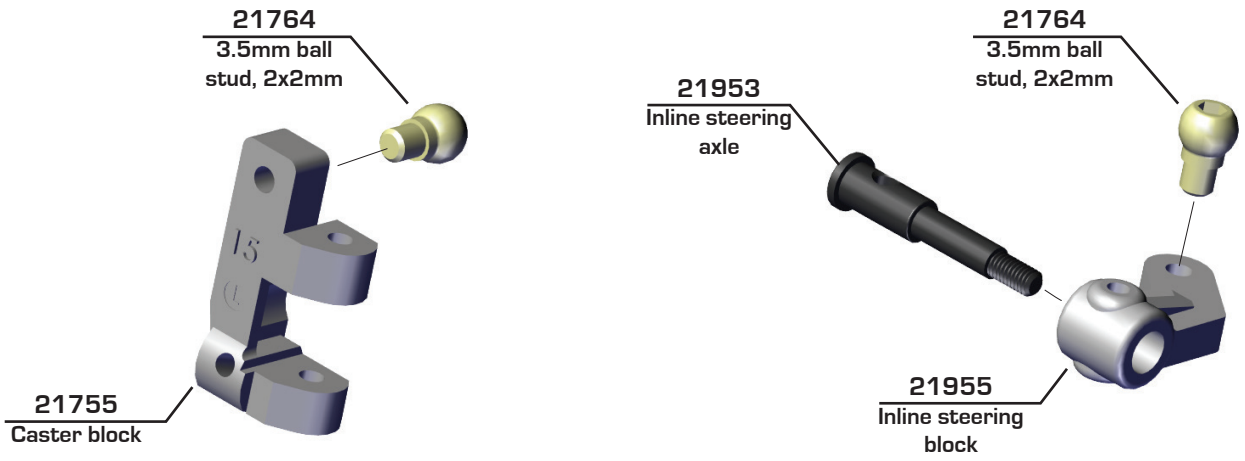
Bag A - Step 2



Bag B - Step 1

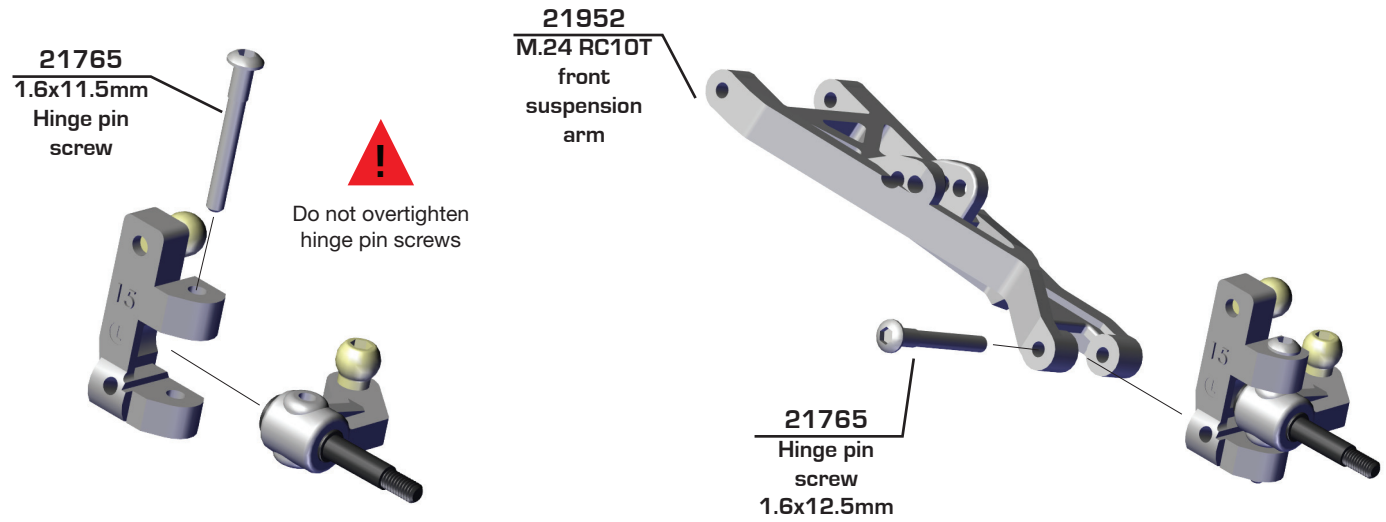


Bag B - Step 2



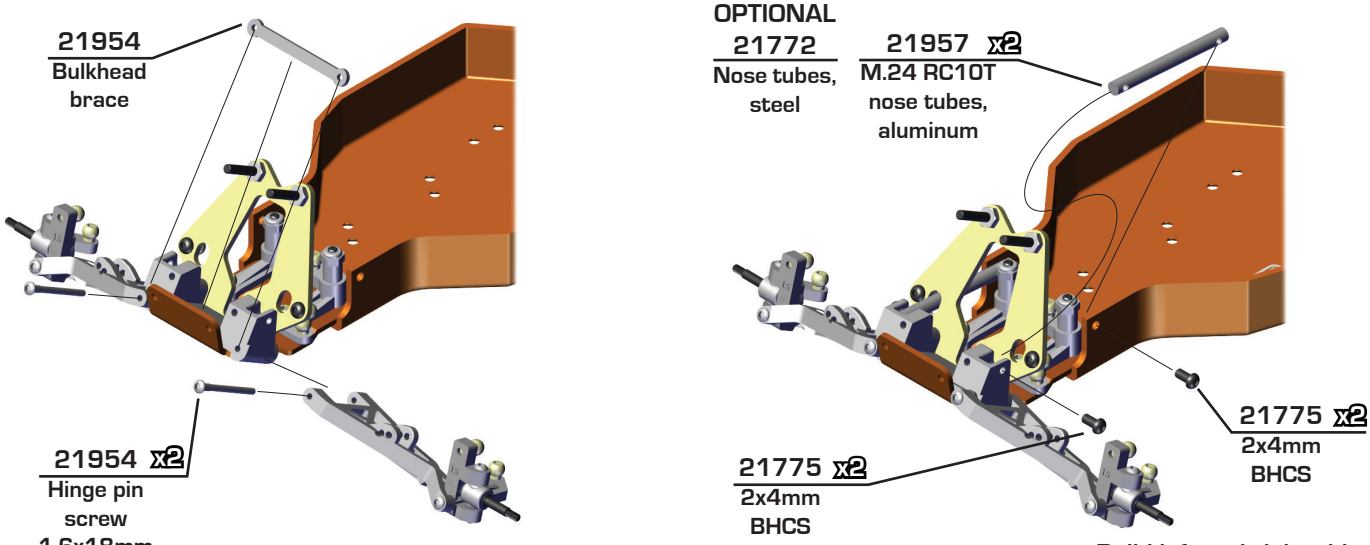
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Bag B - Step 3



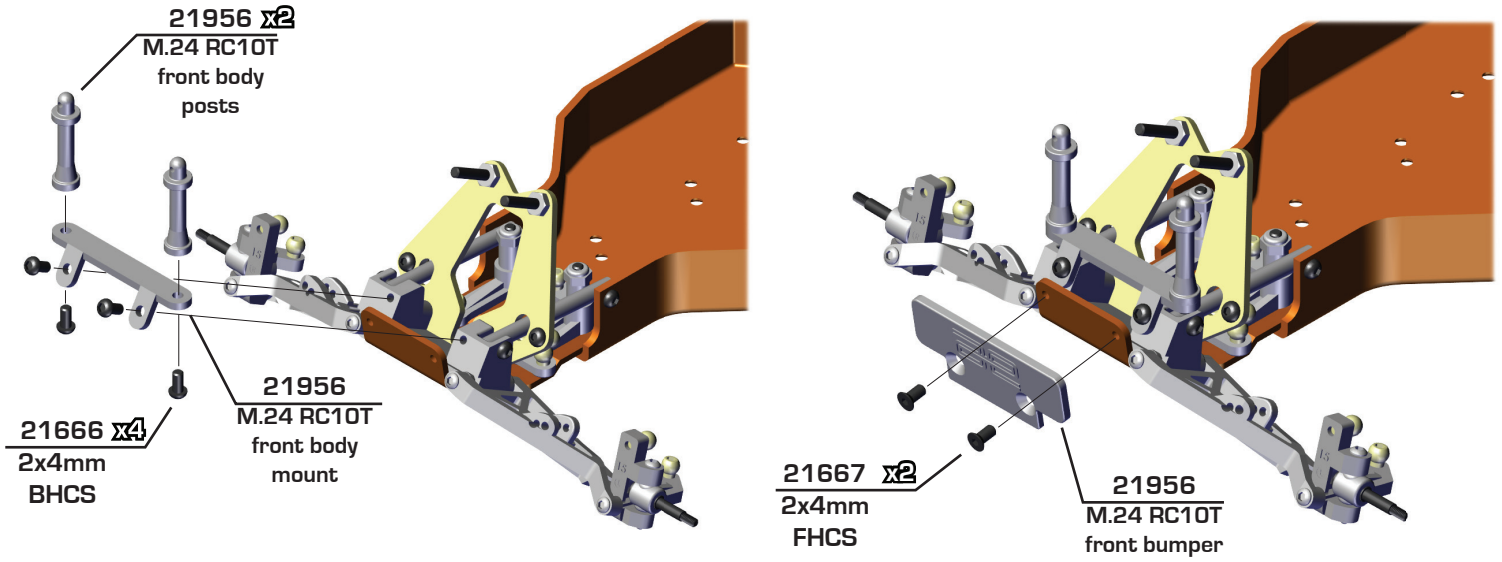
Build left and right sides!

Bag B - Step 4

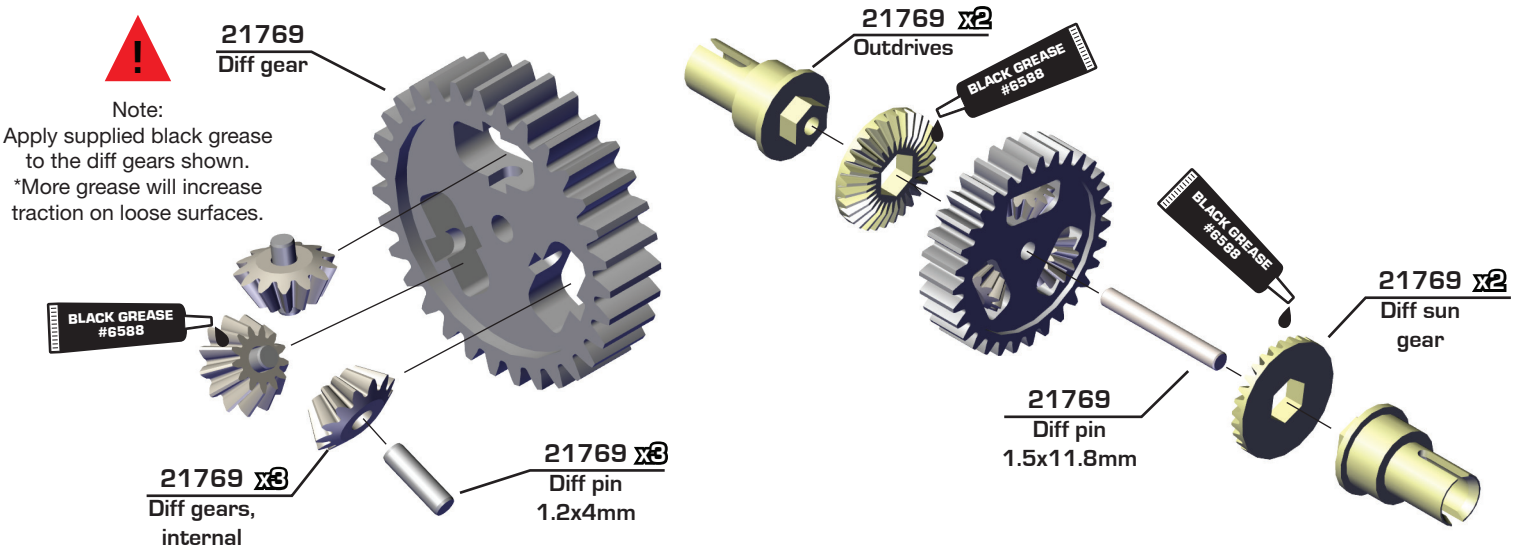


Build left and right sides!

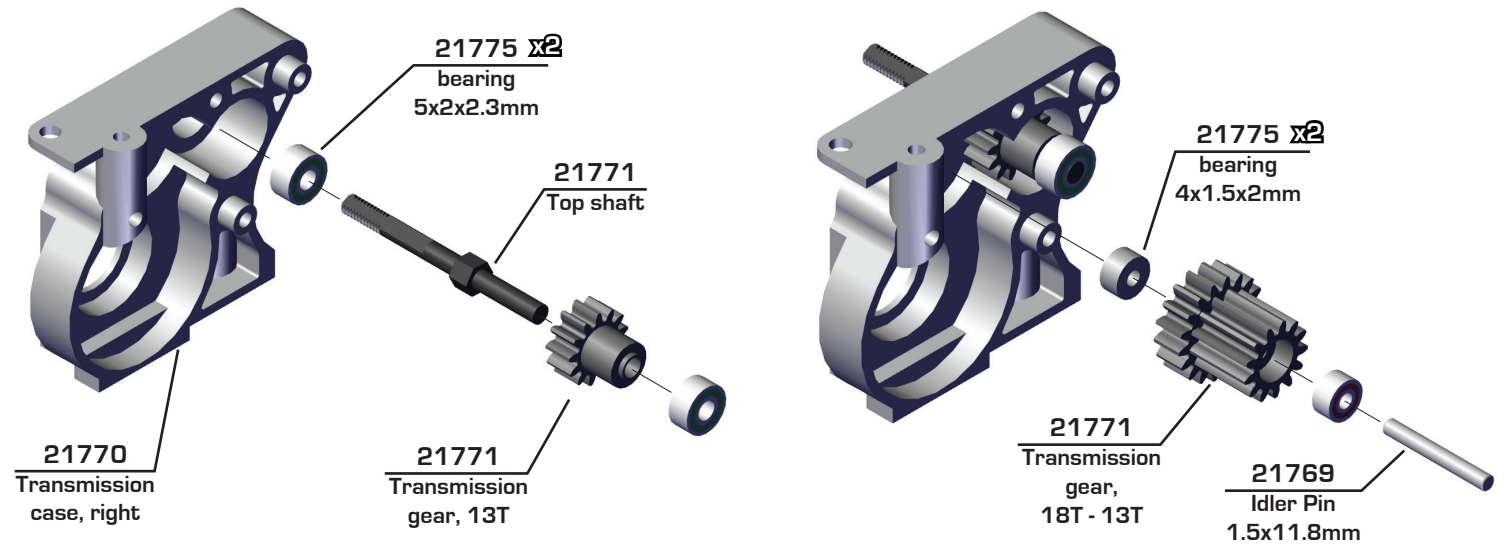
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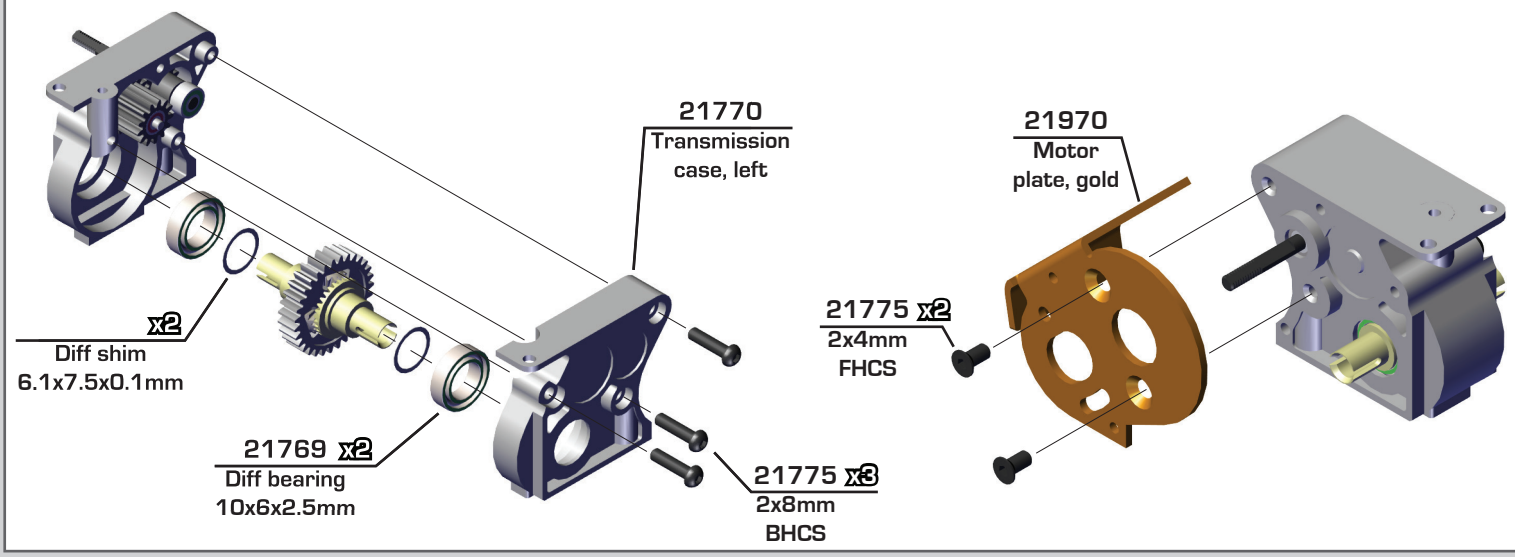
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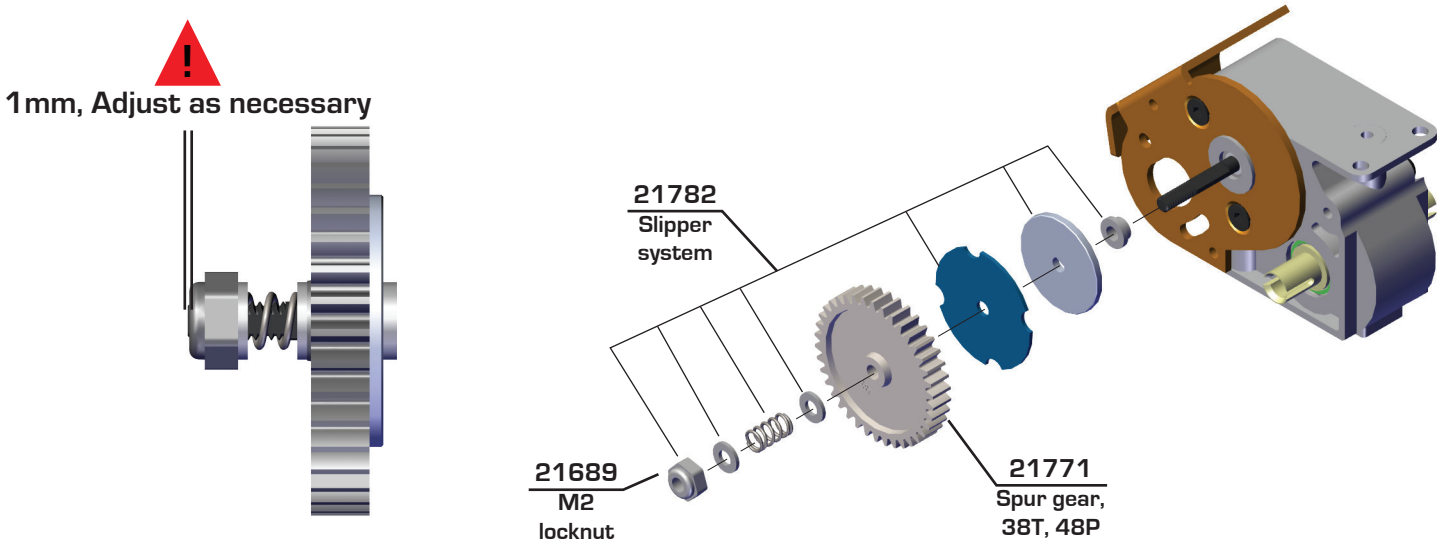
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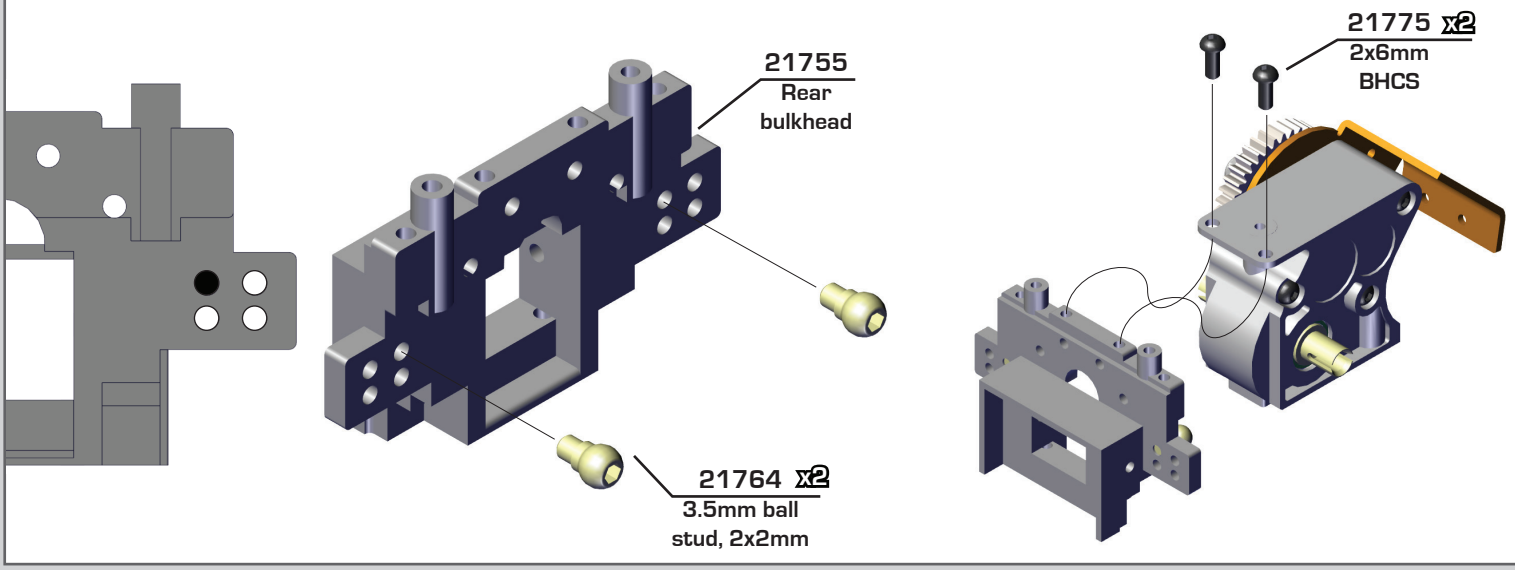
Bag C - Step 3



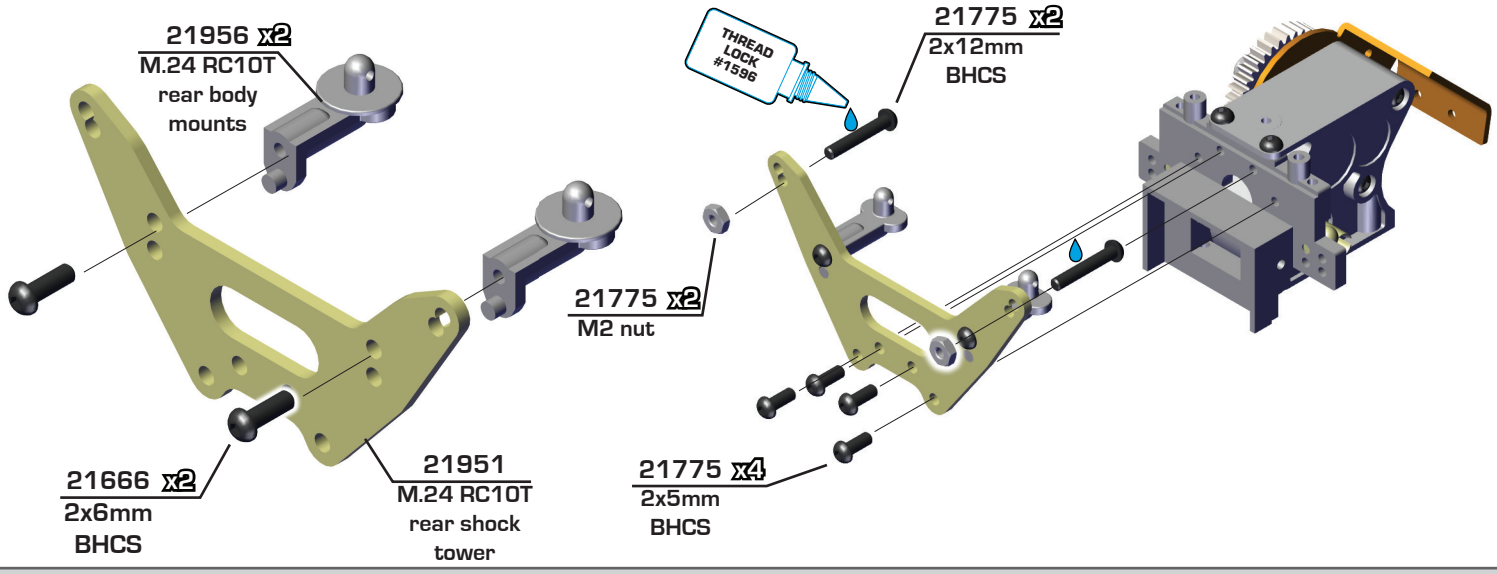
Bag C - Step 4



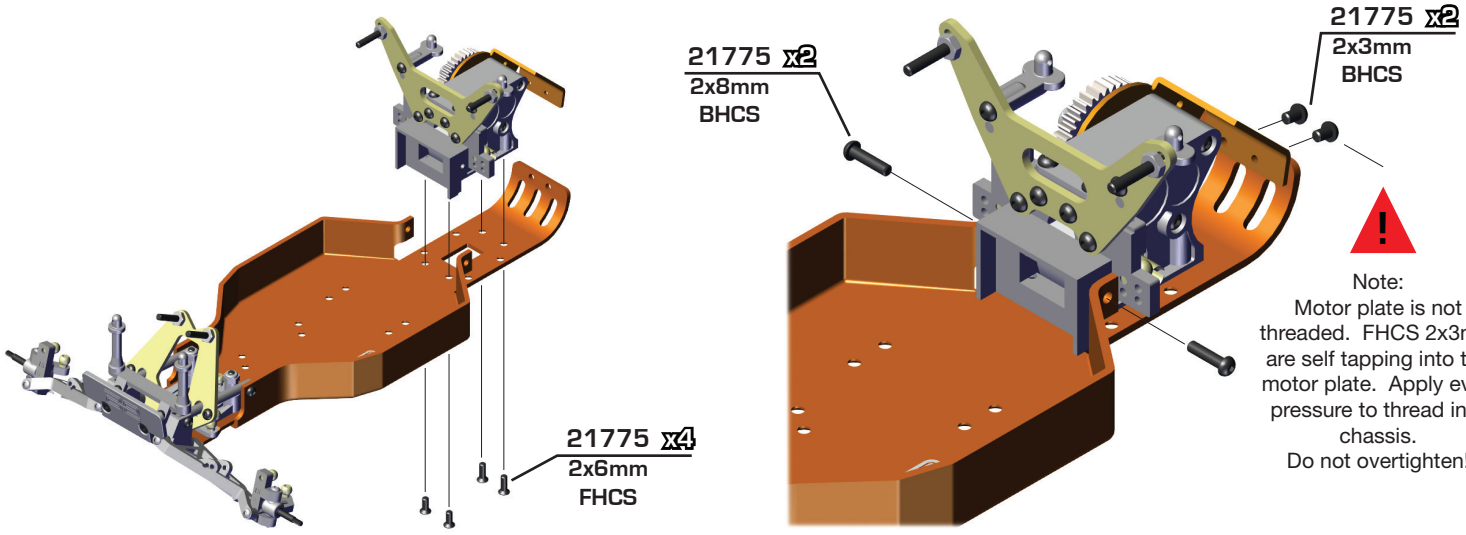
Bag D - Step 1



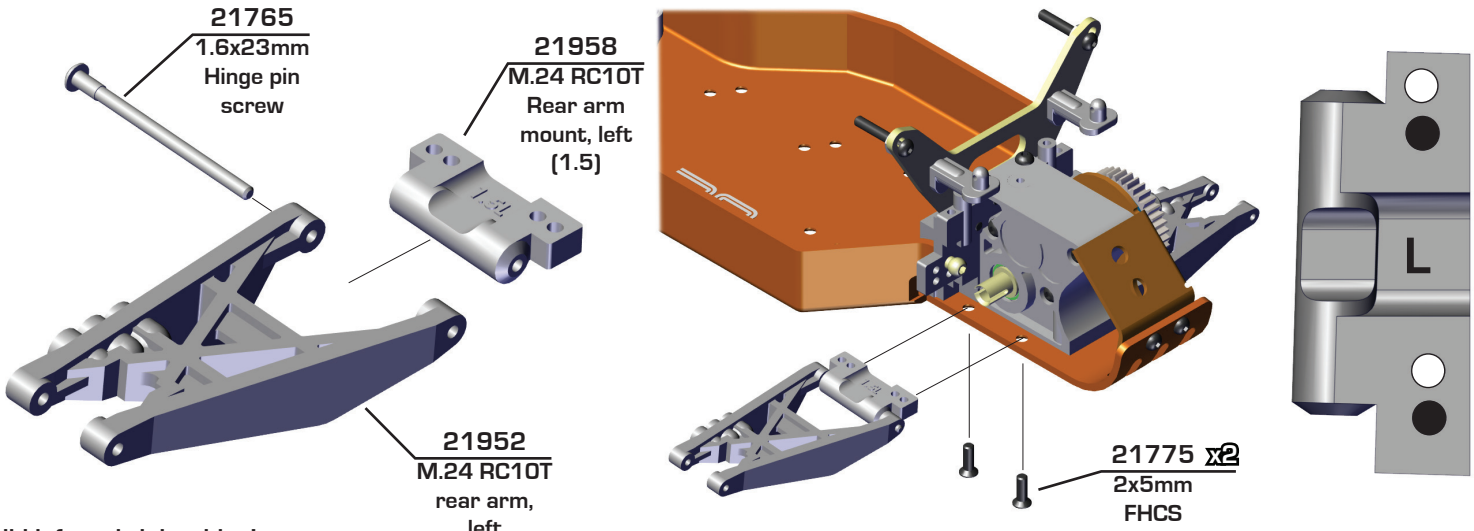
Bag D - Step 2



Bag D - Step 3

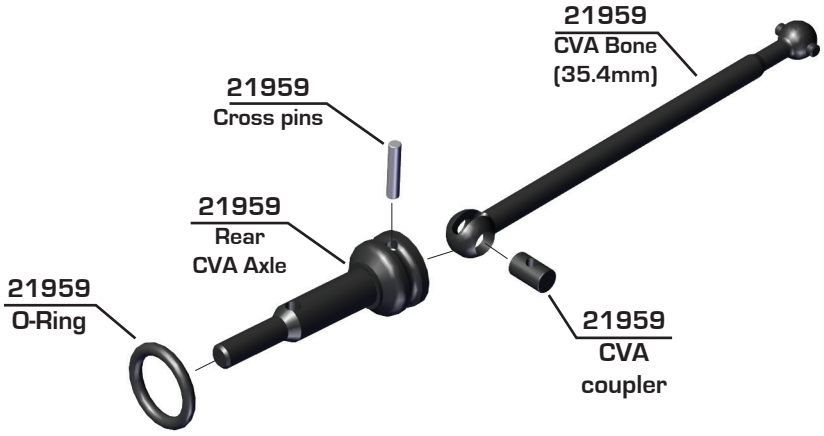


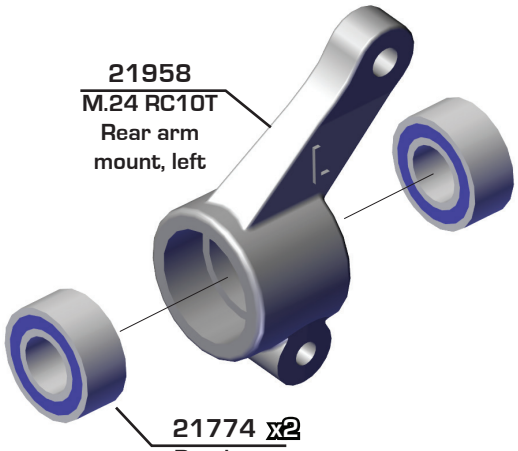
Bag D - Step 4



Build left and right sides!

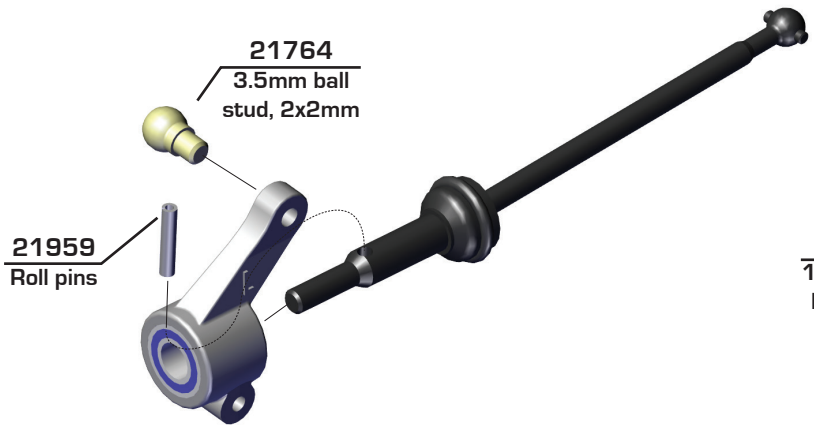
Bag D - Step 5

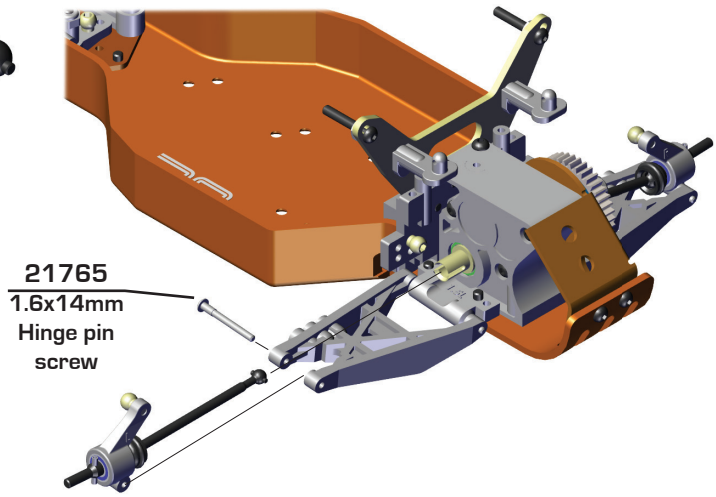




Build left and right sides!

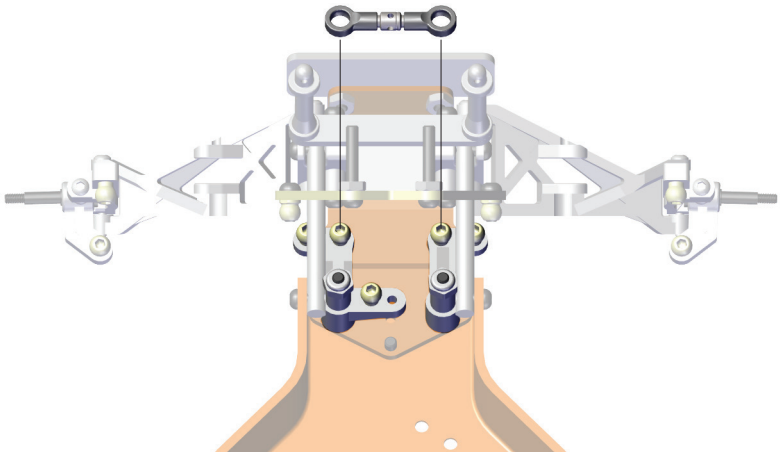
Bag D - Step 6

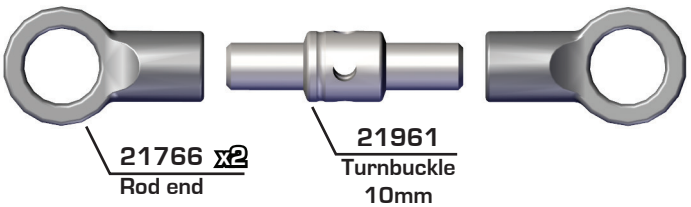




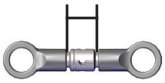
Build left and right sides!

Bag E - Step 1

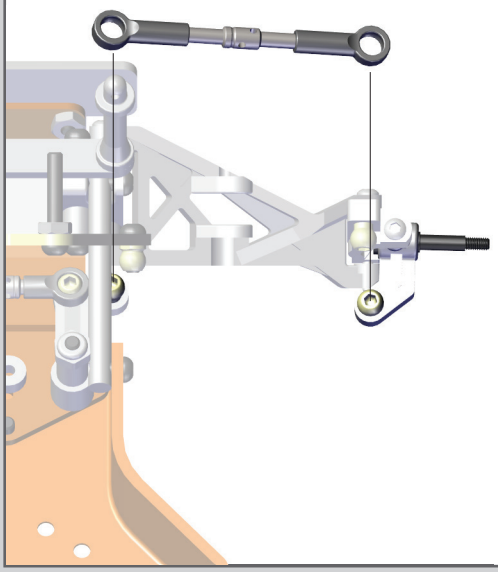


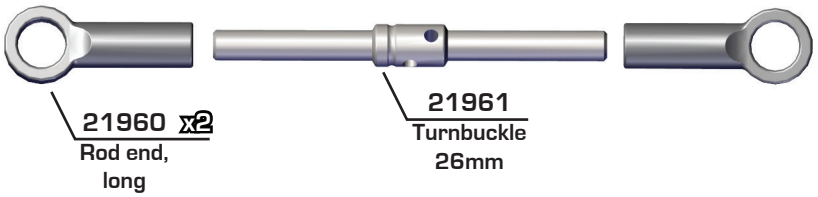


Bellcrank Turnbuckle
4.3mm

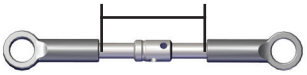


:: Bag E - Step 2



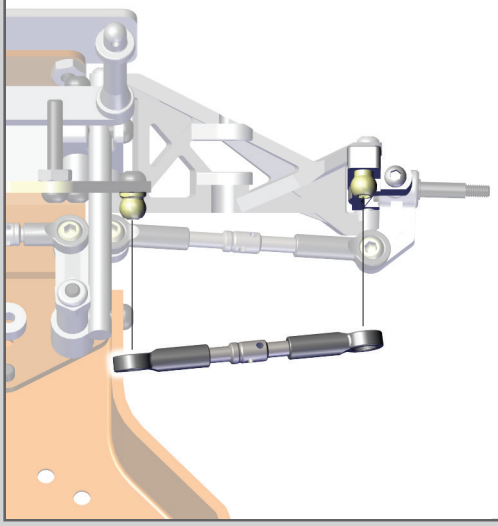


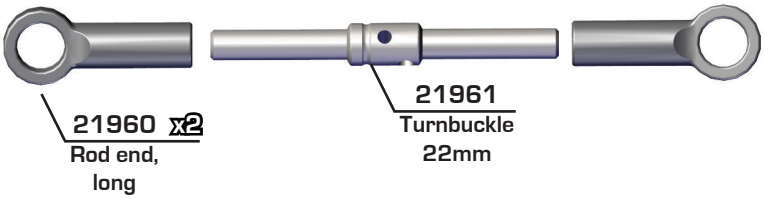
Steering Turnbuckle
14mm



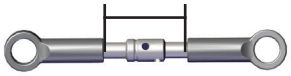
Build x2 (right and left side)

:: Bag E - Step 3



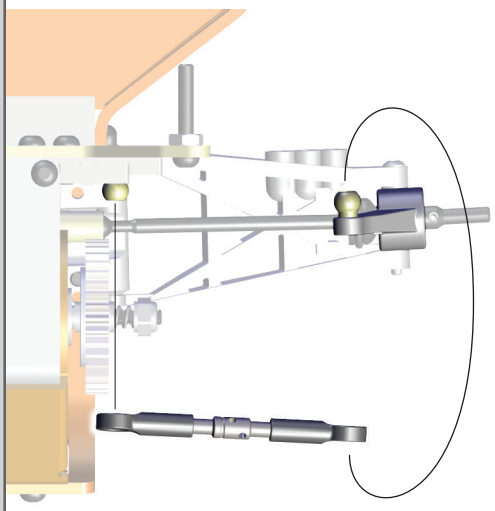


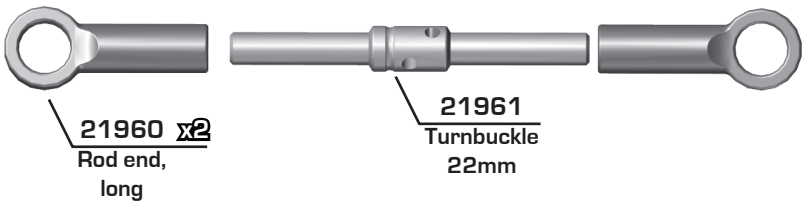
Front Camber Turnbuckle
10.5mm



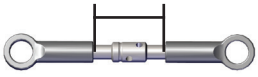
Build x2 (right and left side)

:: Bag E - Step 4





Rear Camber Turnbuckle
9.5mm

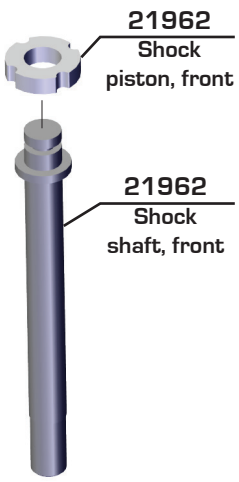


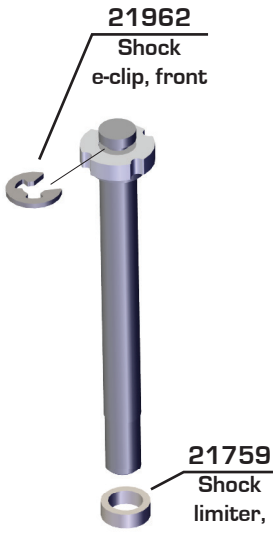
Build x2 (right and left side)

Bag F - Step 1

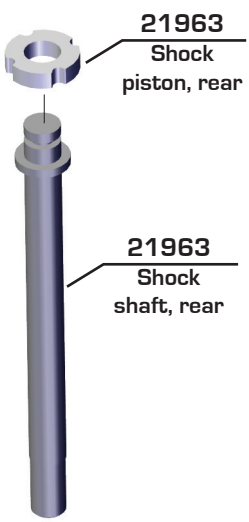
Note:
Remove spurs

OPTIONAL
21971
M.24 shock rebuild kit





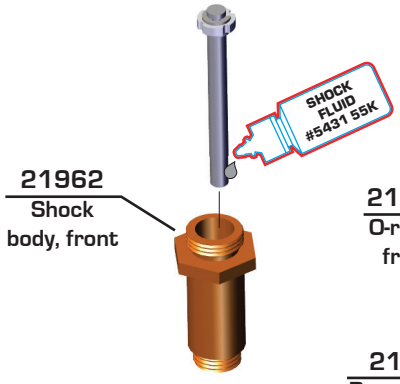
Build x2 front shocks

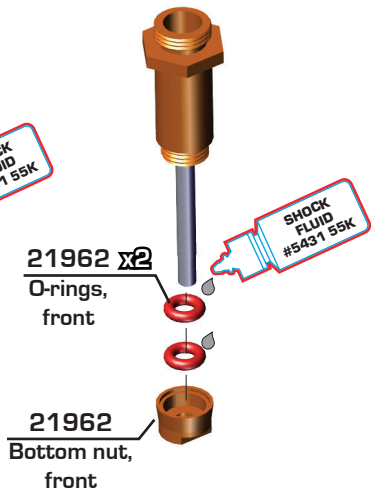




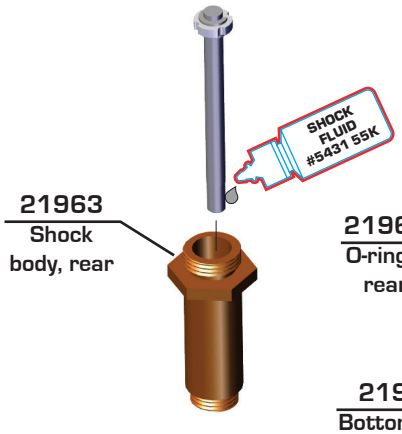
Build x2 rear shocks

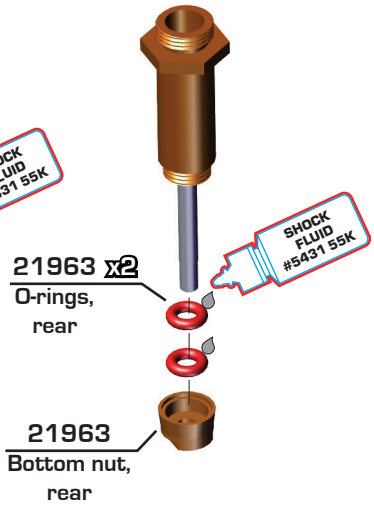
Bag F - Step 2





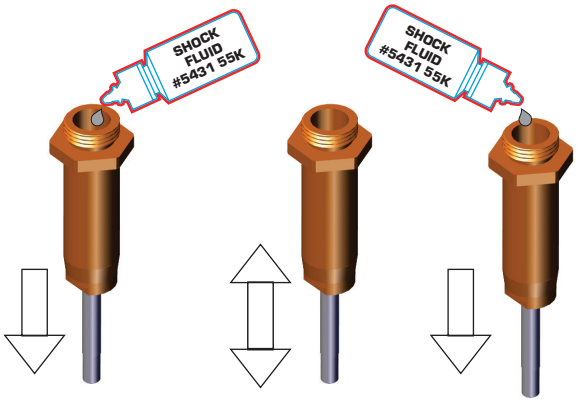
Build x2 front shocks



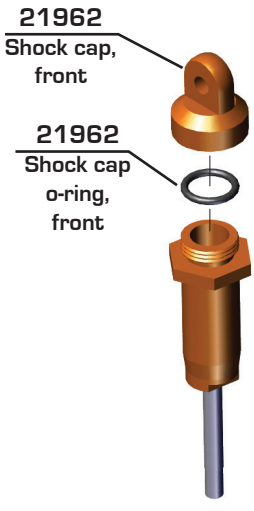


Build x2 rear shocks

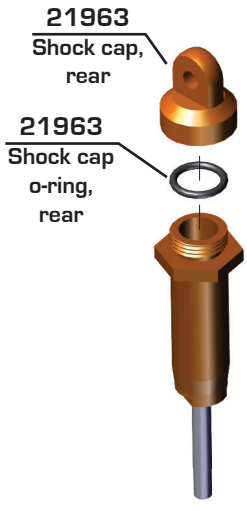
Bag F - Step 3



Step 1-3 | Step 3-4 | Step 5-6



Step 7

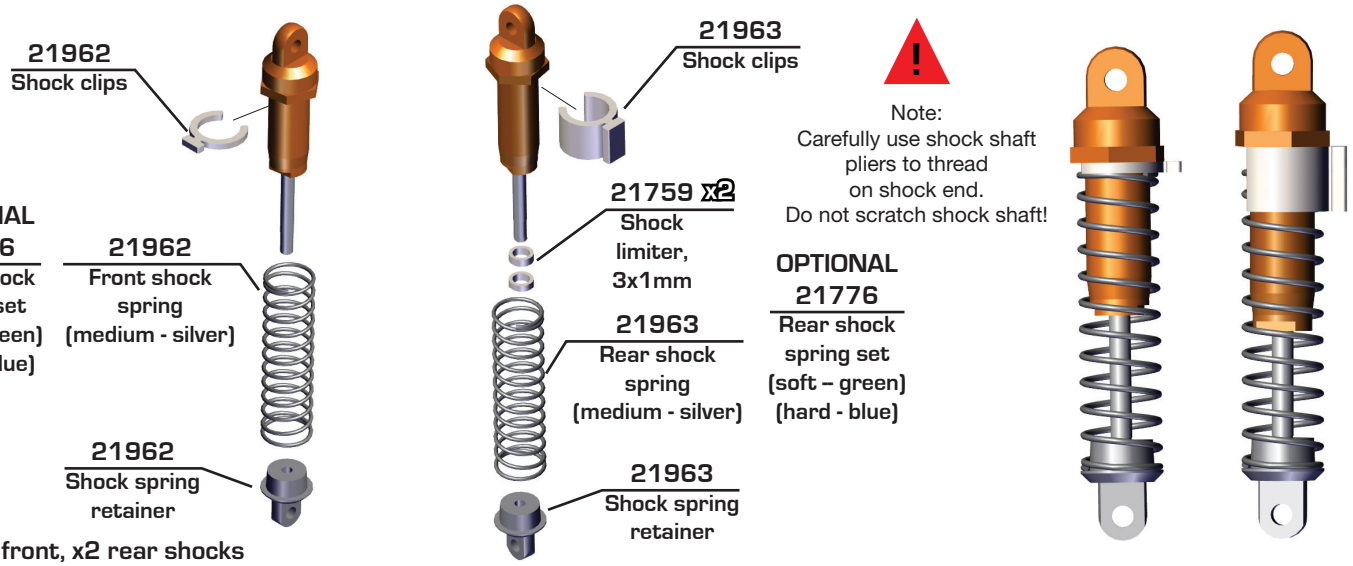


Step 7

* Shock Bleeding Steps:

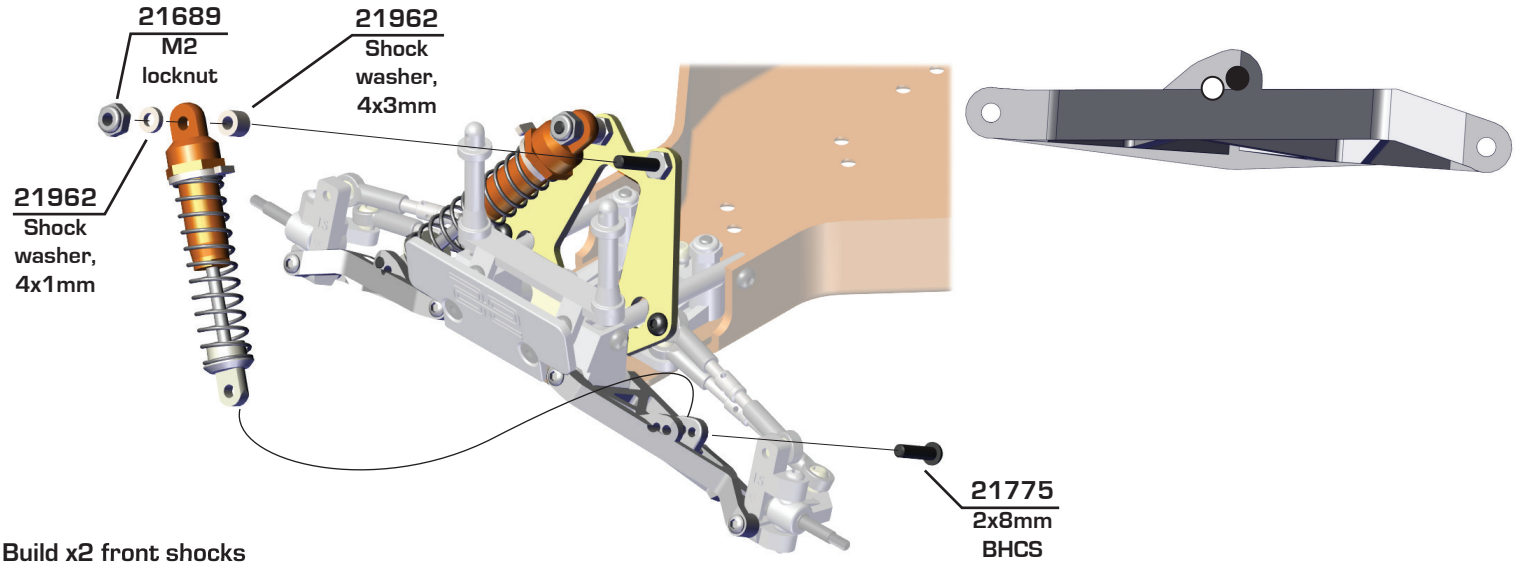
1. Pull shock shaft down.
2. Fill shock body 3/4 full with silicone fluid.
3. Slowly move the shock shaft up and down to remove air from under piston.
4. Wait for bubbles to come to surface.
5. Fill shock body to top with silicone fluid.
6. Place several drops of oil in the cap and on cap threads.
7. Install cap and tighten completely.
8. Slowly compress shaft all the way to the top. If there is pressure at the top of the stroke, there is too much oil. You must bleed it out.
9. Slowly pull shaft down.
10. Unscrew the cap 3/4 turn and tilt the shock at a slight angle.
11. Slowly compress the shaft to push out excess oil and air. You should see bubbles coming out from under the cap.
12. With the shaft compressed, tighten the cap and re-check for pressure at the top of the stroke. If there is still pressure, repeat steps 9 thru 11.

Bag F - Step 4



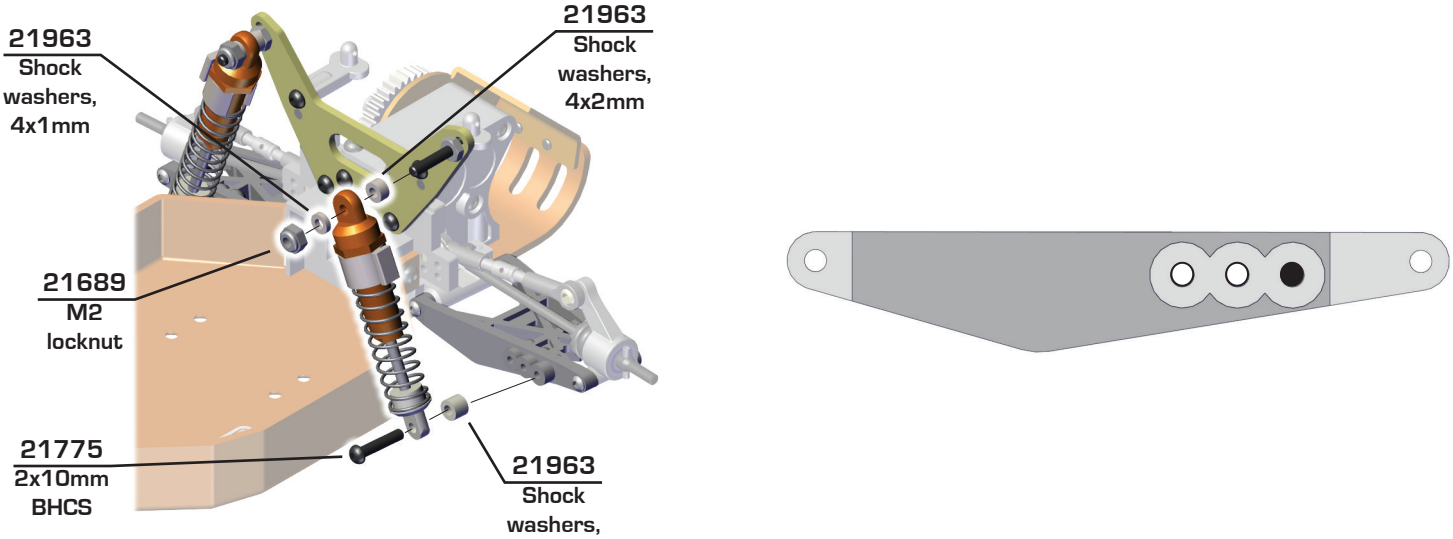
Build x2 front, x2 rear shocks

Bag F - Step 5



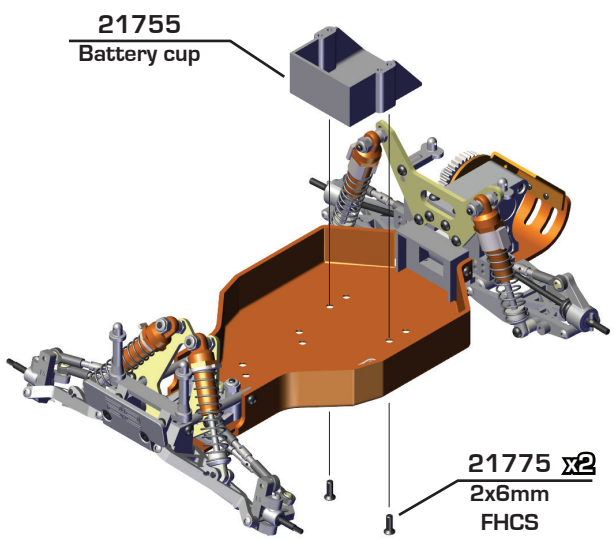
Build x2 front shocks

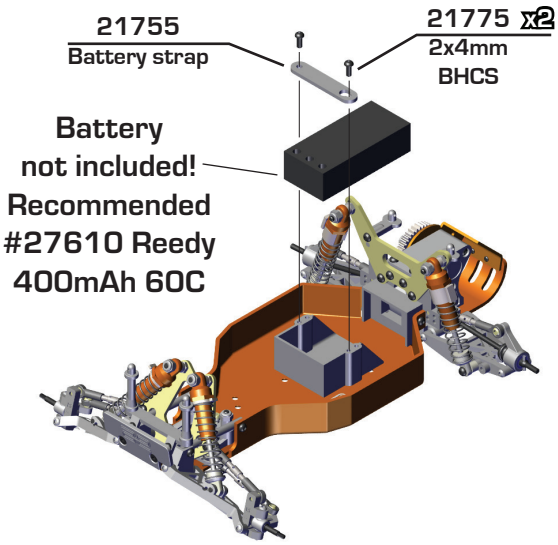
Bag F - Step 6



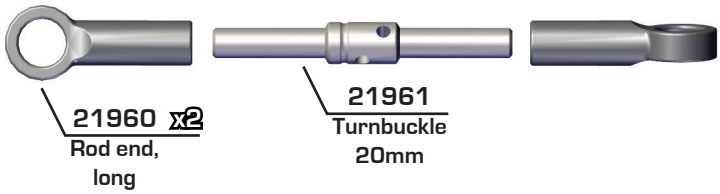
Build x2 rear shocks

Bag G - Step 1

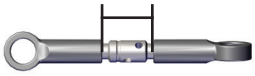


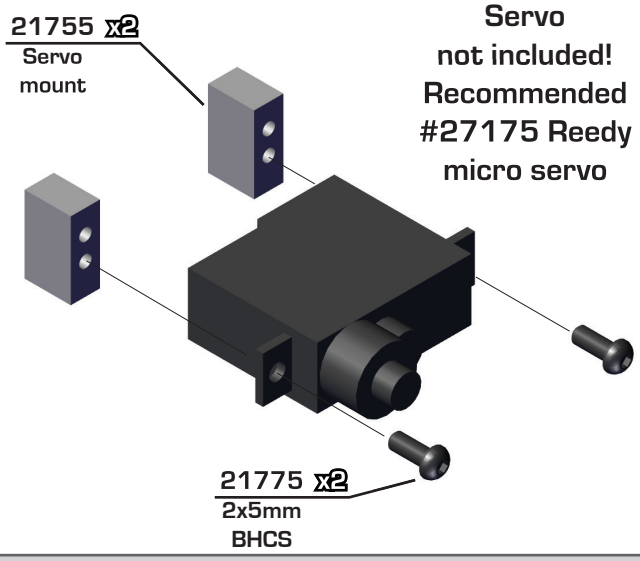


Bag E / G - Step 2

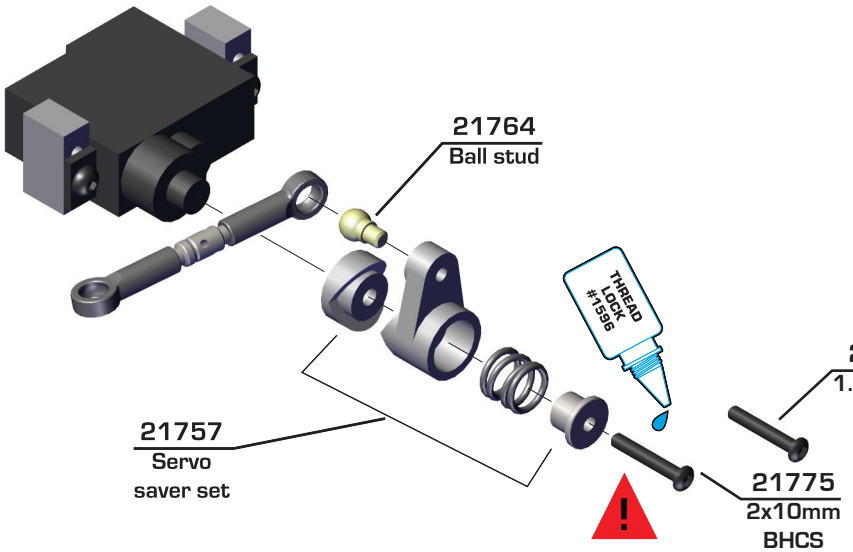


Servo Turnbuckle
6.5mm



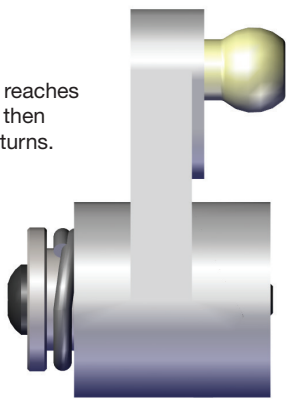


Bag G - Step 3

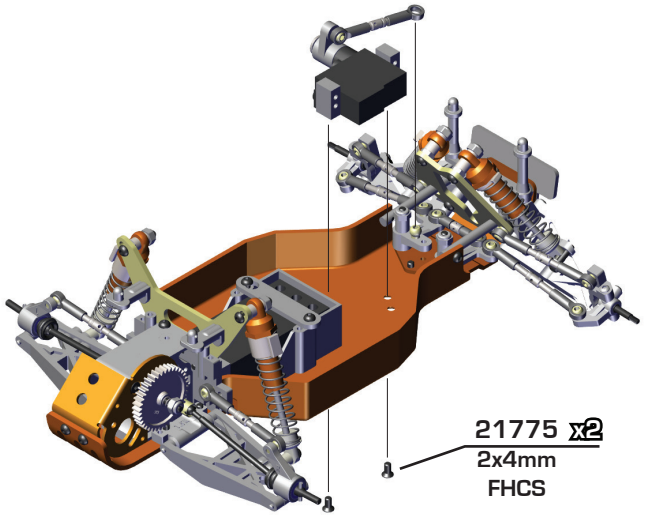


Note:
Two screws are included for servo horn installation depending on what type of servo you have.

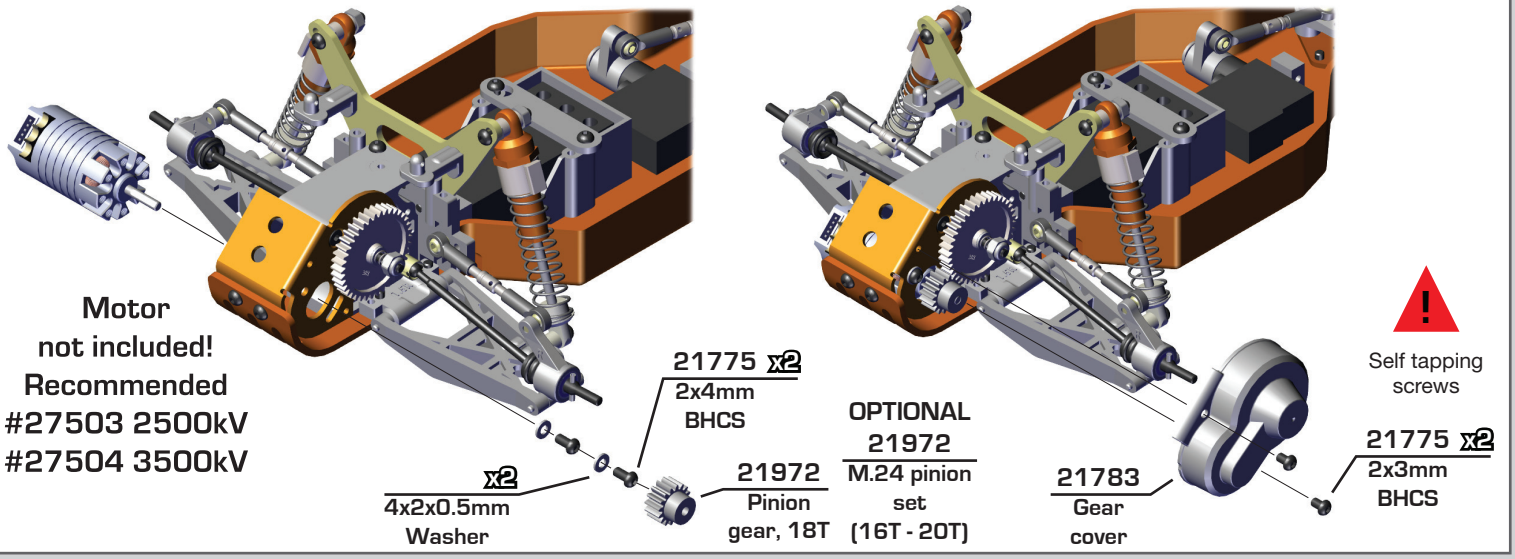
Note:
Screw in until it reaches the bottom, then unscrew 2.5 turns.



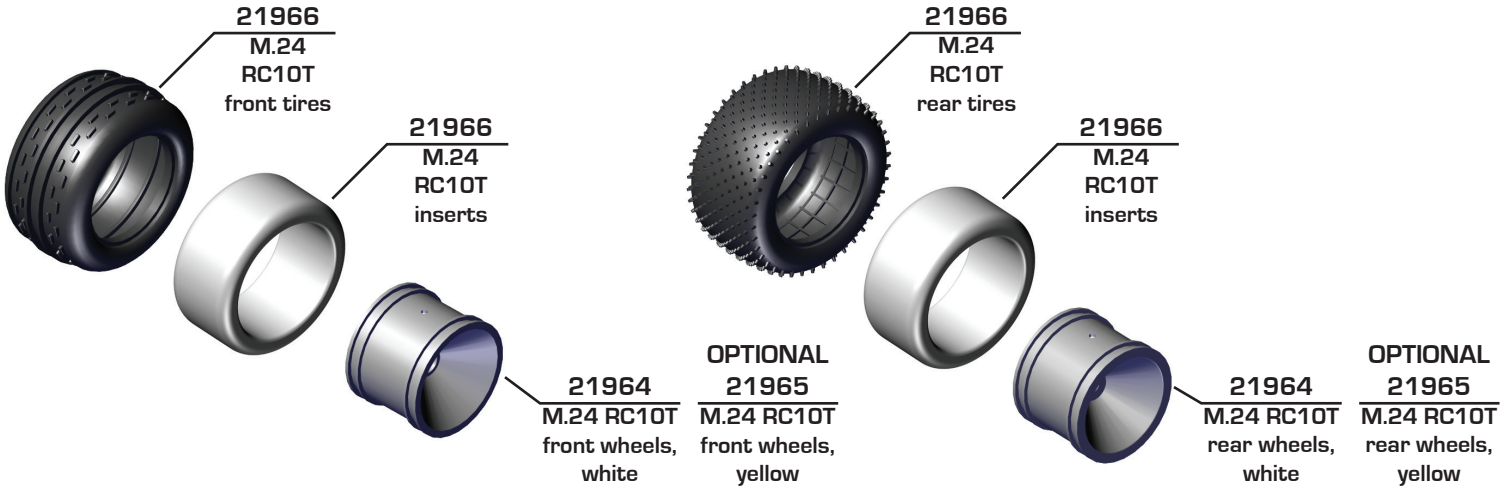
Bag G - Step 4



Bag H - Step 1



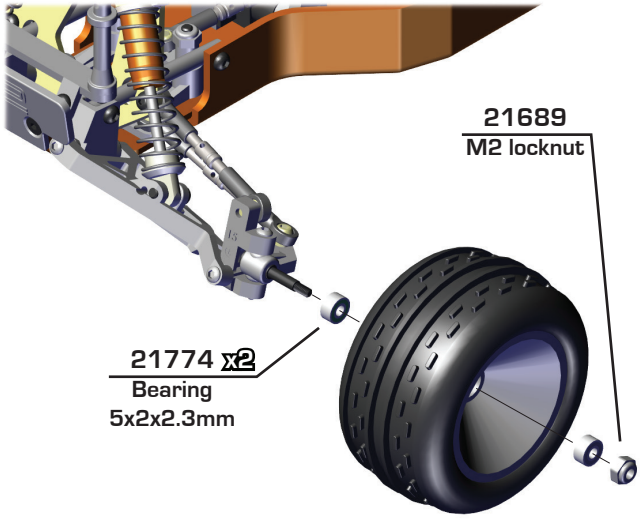
Bag H - Step 2

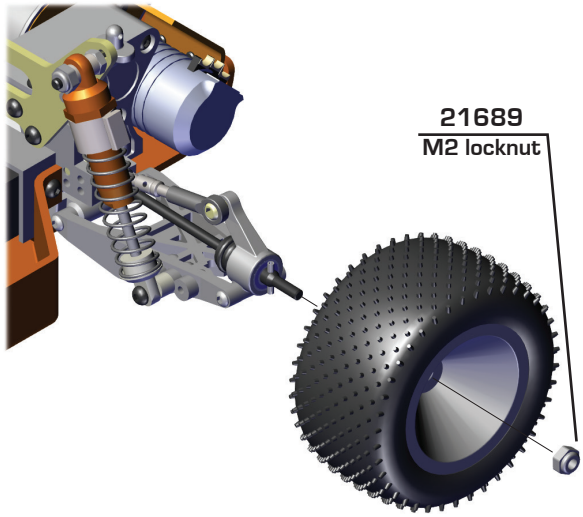


Build x2 front

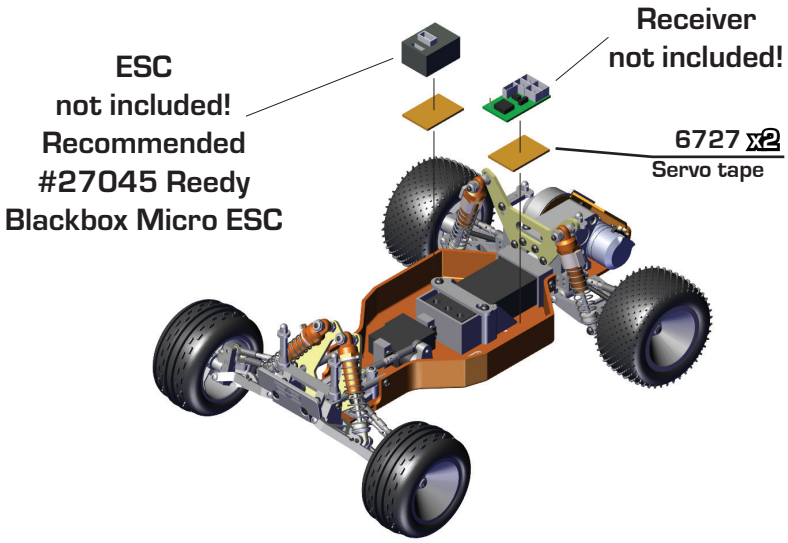
Build x2 rear

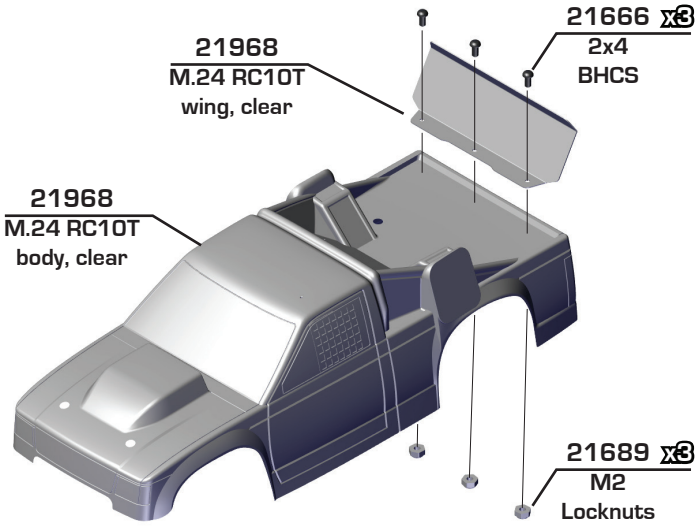
:: Bag H - Step 3



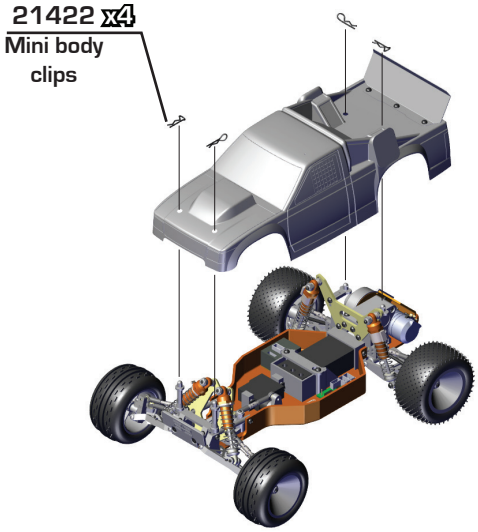


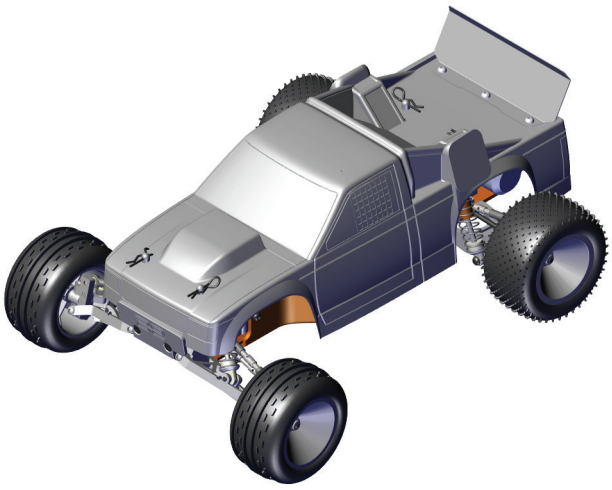
:: Bag H - Step 4





:: Bag H - Step 5





:: Painting Tips

Painting:

Your Kit requires a clear polycarbonate body and wing. You will need to prep these pieces before you can paint them.
Wash the INSIDE thoroughly with warm water and liquid detergent (do not use any detergents with scents or added hand lotion ingredients!). Dry the body using a clean, soft, lint-free cloth. Use the supplied window masks to cover the windows from the INSIDE of the body (RC bodies get painted on the inside). Using high quality masking tape, apply tape to the inside of the body to create a design. Spray (use either rattle can or airbrush) the paint on the inside of the body (preferably dark colors first, lighter colors last). NOTE: ONLY use paint that is recommended for (polycarbonate) plastics. If you do not, you can destroy the body! After the paint has completely dried (usually after 24 hours), cut the body along the trim lines. Make sure to drill or use a body reamer to make the holes for the antenna if needed! Use hook and loop tape to secure the body to the side rails of the vehicle.

:: Notes

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