

RC10 4X4 RALLY



TEAM ASSOCIATED

1:10 Scale Electric Competition Rally Car Kit Manual
#30138 RC10 4x4 RALLY Kit



:: 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 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.

:: Vehicle Features

- Factory Team oil-filled, aluminum threaded Gold shock bodies
- Gold Aluminum Chassis
- Exclusive Natural White parts
- Adjustable hook and loop battery straps
- Injection-molded brake calipers and rotors
- Gold Aluminum motor plate
- Sealed rubber ball bearings
- Steel ring and pinion gears
- Front and rear CVA dogbone
- Body protection cover and Dust Filter mask
- Fully 3pc Rally Body
- Front and rear adjustable upper arms

:: Additional

Your new Kit comes unassembled.

There are some items you will need to complete your kit (refer to website for suggestions):

- Peak Detection Charger or LiPo Compatible Charger (Refer to website for complete listings)
- 2/3S LiPo battery pack w/High Current T Plug (shorty packs only) (Refer to website for complete listings)
- Transmitter and Receiver
 - AA-size batteries for transmitter
- Servo (Refer to website for complete listings)
 - ESC (Refer to website for complete listings)
- Motor (Refer to website for complete listings)
 - FT Tire Glue (AE# 1597)

:: Other Helpful Items

- | | | |
|---------------------------------------|--|----------------------|
| • Green Slime Shock Lube (AE # 1105) | • Silicone Diff Fluid (Refer to website for complete listings) | |
| • Thread Locking Compound (AE # 1596) | • FT Tire Glue (AE # 1697) | • Hobby Knife |
| • 7 Piece Hex Driver Set (AE # 1650) | • Body Scissors (AE # 1737) | • Wire Cutters |
| • Calipers or a Precision Ruler | • FT Hex/Nut Driver Set (AE #1519) | • Soldering Iron |
| | • Reamer / Hole Punch (AE #1499) | • Needle Nose Pliers |

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



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:: Hardware - 1:1 Scale View

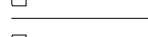
Flat Head Screws (fhcs)

	2.5x10mm (31350)
	2.5x14mm (41077)
	3x6mm (31541)
	3x8mm (25201)
	3x10mm (25202)
	3x12mm (25203)
	3x14mm (89208)
	3x16mm (25204)
	3x20mm (89210)

Button Head Screws (bhcs)

	2x3mm (31509)
	2x4mm (31510)
	2.5x6mm (31520)
	2.5x8mm (31521)
	2.5x10mm (31522)
	3x4mm (91158)
	3x5mm (31530)
	3x6mm (31531)
	3x8mm (31532)
	3x10mm (25211)
	3x12mm (89202)
	3x14mm (25187)
	3x16mm (89203)
	3x18mm (2308)
	3x20mm (25188)
	3x22mm (25189)
	3x24mm (89204)
	3x26mm (89205)
	3x28mm (41078)

LP Socket Head Screws (lp shcs)

	3x6mm (41089)
	3x10mm (41090)
	3x16mm (41093)
	3x18mm
	3x20mm (41091)

Socket Head Screws (shcs)

	2x5mm (31511)
	2x8mm (7187)
	2.5x6mm (41079)
	2.5x10mm (41087)
	2.5x14mm (71032)
	2.5x16mm (41086)

Set Screws

	3x3mm (25225)
	3x5mm (89219)
	3x16mm (4689)
	4x16mm (4677)

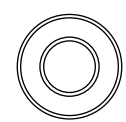
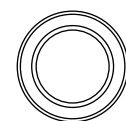
Pivot Balls

	Pivot Ball, Short (42041)
	Pivot Ball, Long, Upper Shock (42041)

Locknuts

	M2.5 Locknuts (89215)
	M3 Locknuts (25215) Aluminum (31550)
	M4 Locknut W/Flange (91738)

Bearings

	4x8x3mm (91568)
	5x10x4mm (91560)
	7x14x3.5mm (91479)
	10x15x4mm (91563)

Shims and Washers

	2.5x6.1x0.15
	3x7mmx1mm (42260)
	3x7mmx2mm (42260)
	3x7x3mm (42260)
	3x7x5mm (42260)
	3x7x7mm (42260)
	5x8.5x.20mm

Misc. Screws

	Shoulder Screw 3x4x10mm (42070)
	4x12mm Screw Pin (42022)
	Pin 2x11mm (42019)

:: Table of Contents

1.....Cover	8 - 12.....Front / Rear Suspension Build (Bag 4)
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4.....Table of Contents	17 - 23..... Tires and Body Build, (Bag 7)
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6 - 7.....Gear Diff Build (Bag 2)	
7 - 8..... Turnbuckle Build (Bag 3)	

:: Notes



This symbol indicates a special note or instruction 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.

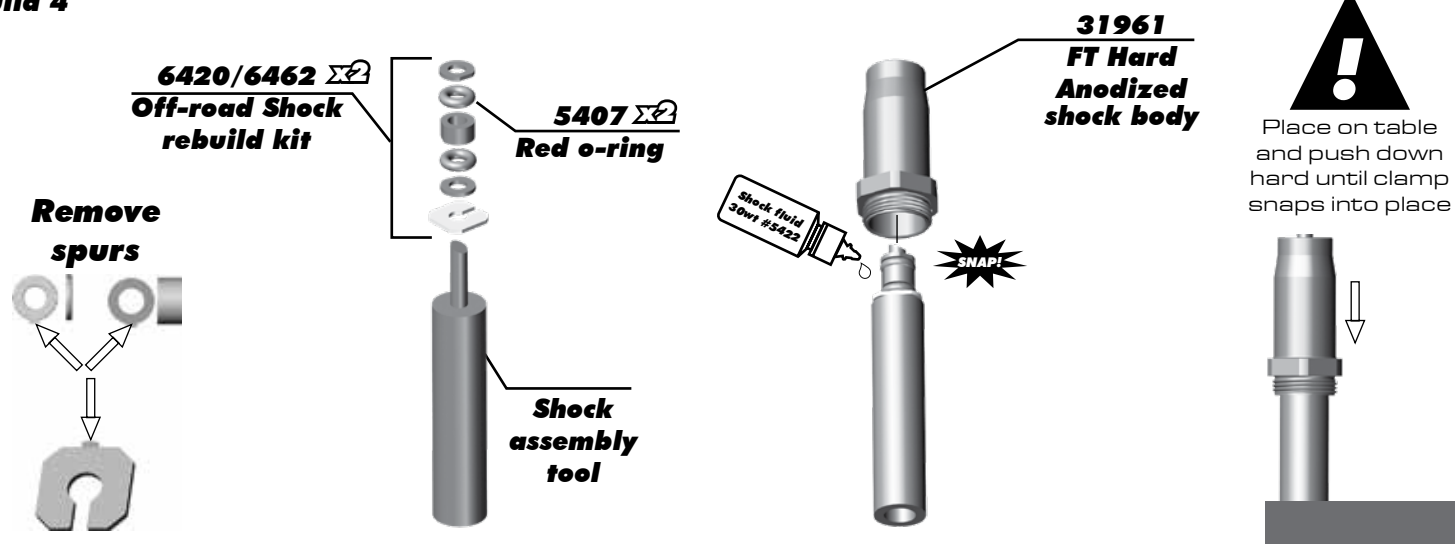
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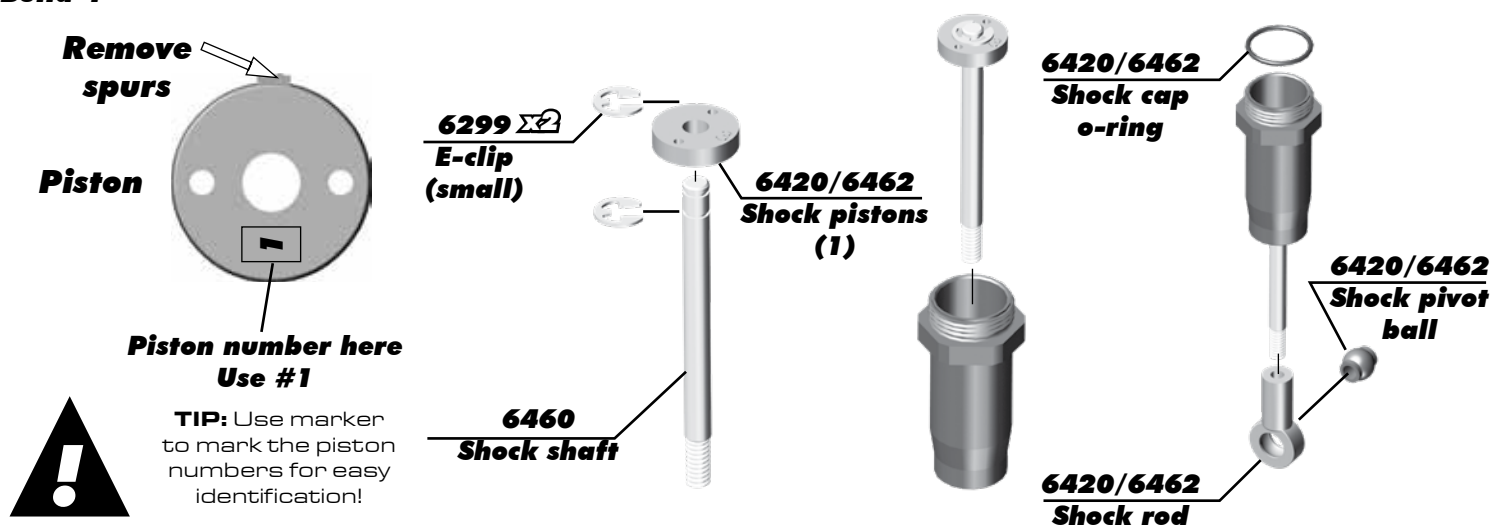
:: BAG 1 - Step 1

Build 4



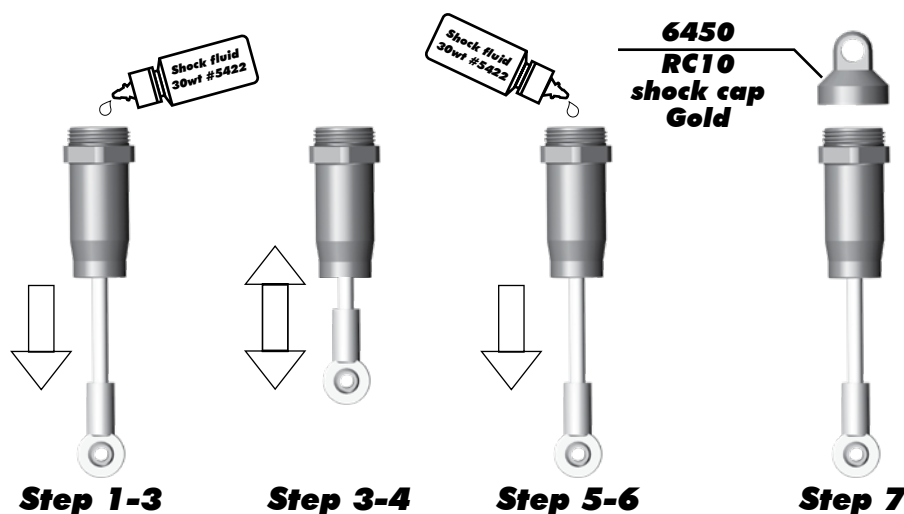
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Build 4



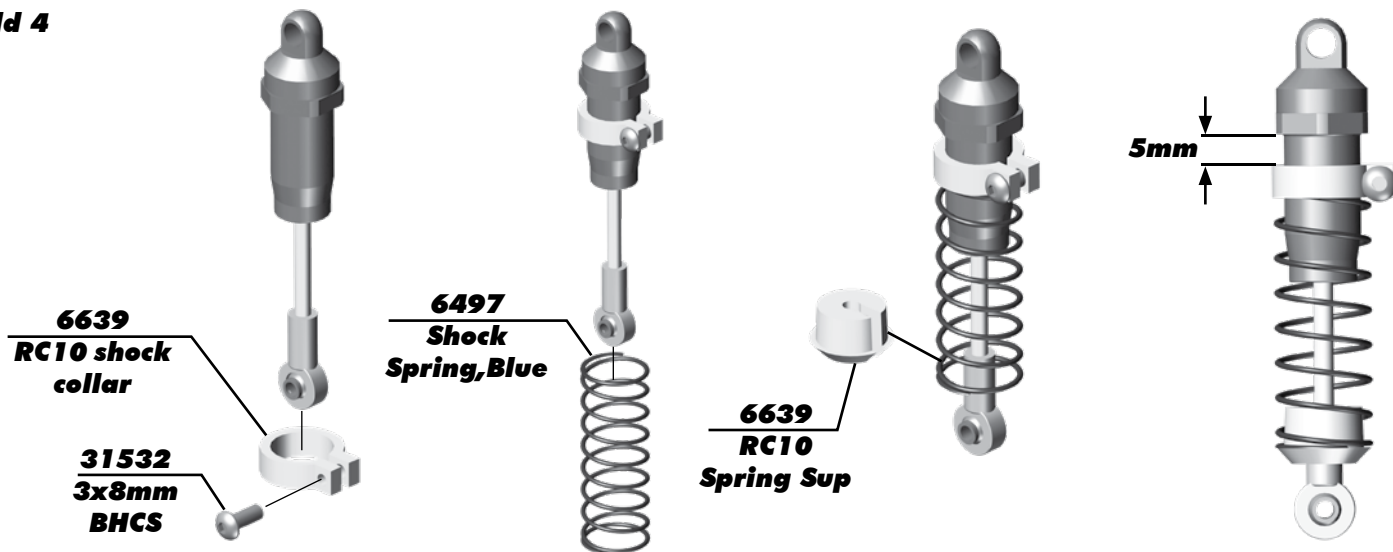
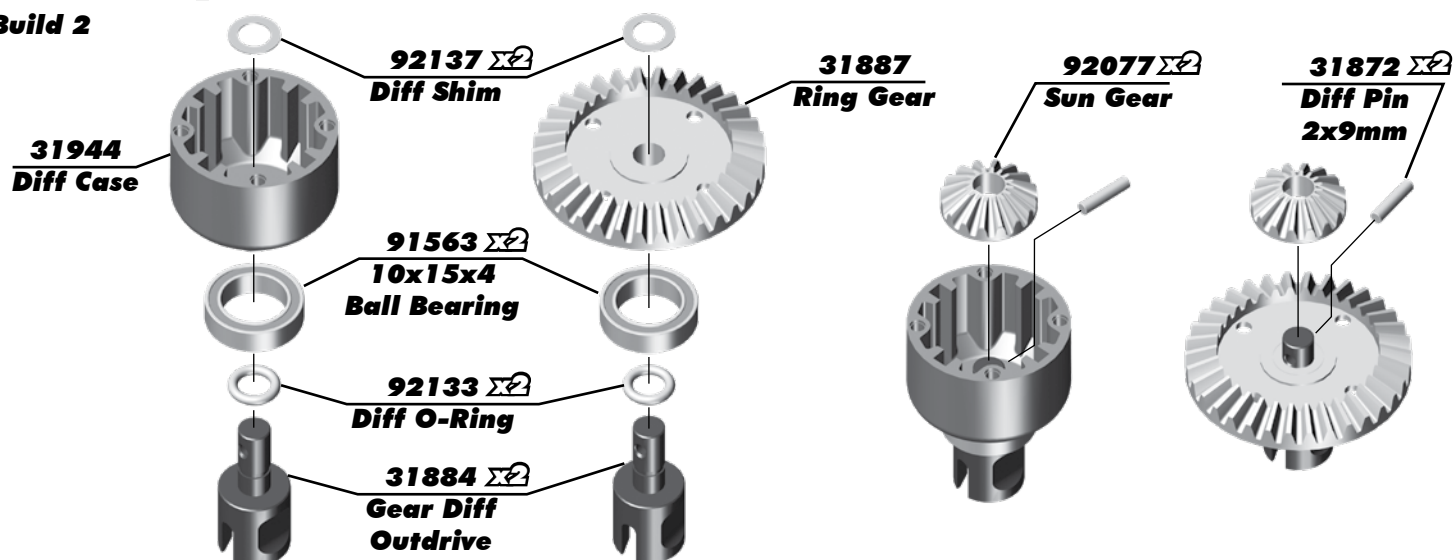
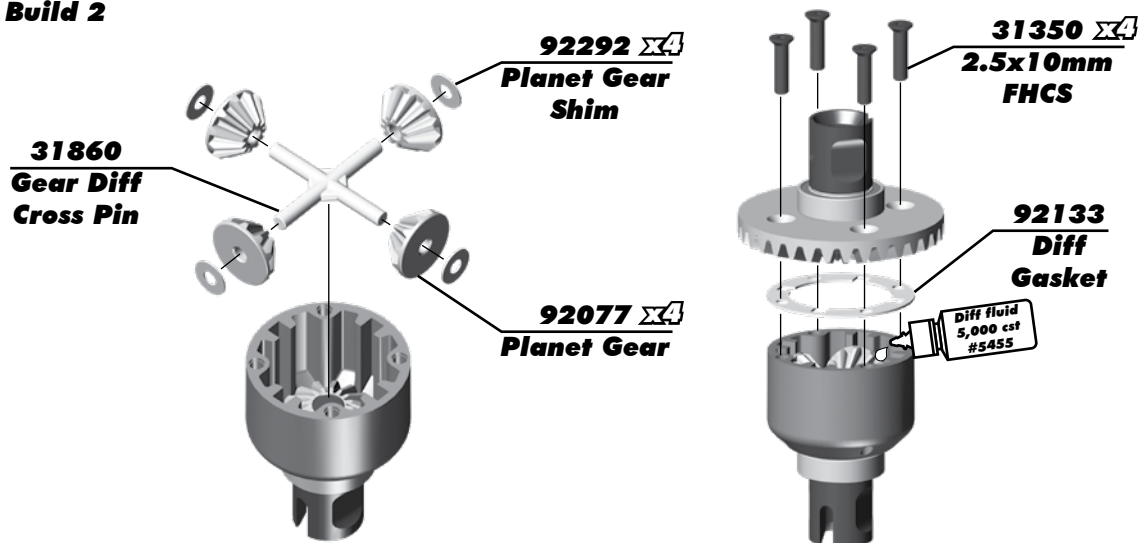
:: BAG 1 - Step 3

Build 4



* Shock Bleeding Steps:

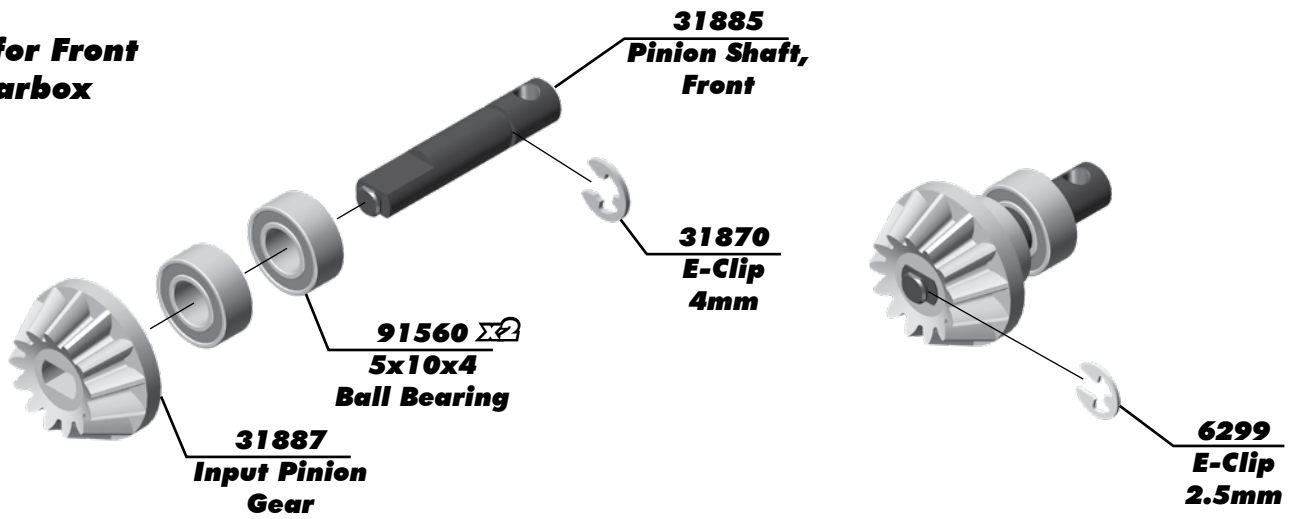
1. Pull shock shaft down.
2. Fill shock body 3/4 full with silicone fluid.
3. Slowly move the shock shaft up and down to remove air from under piston.
4. Wait for bubbles to come to surface.
5. Fill shock body to top with silicone fluid.
6. Place several drops of oil in the cap and on cap threads.
7. 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 1 - Step 4**Build 4****:: BAG 2 - Step 1****Build 2****:: BAG 2 - Step 2****Build 2**

:: BAG 2 - Step 3

Build 1

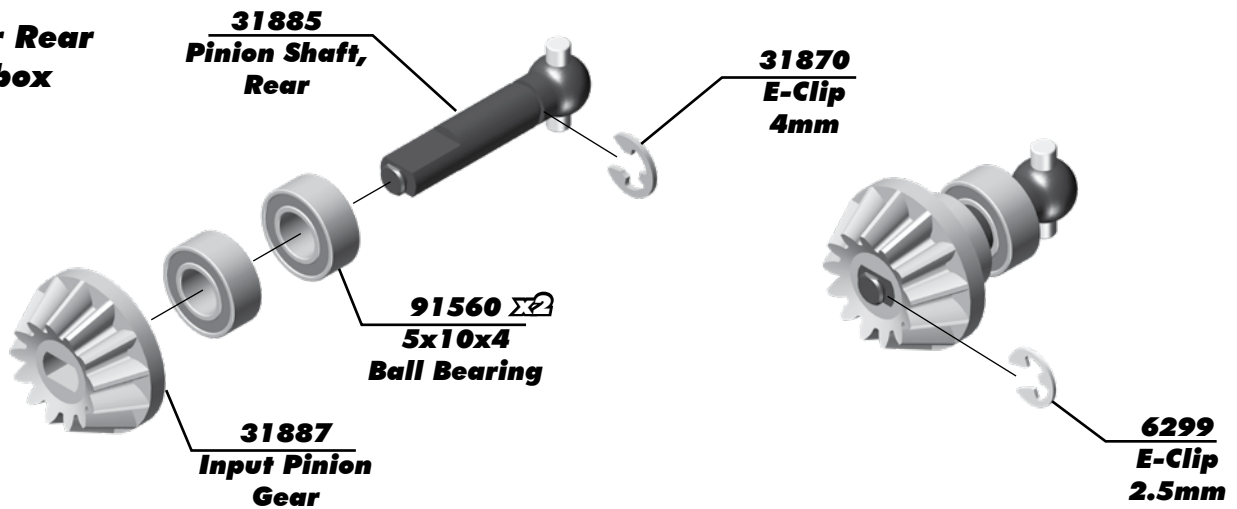
**Save for Front
Gearbox**



:: BAG 2 - Step 4

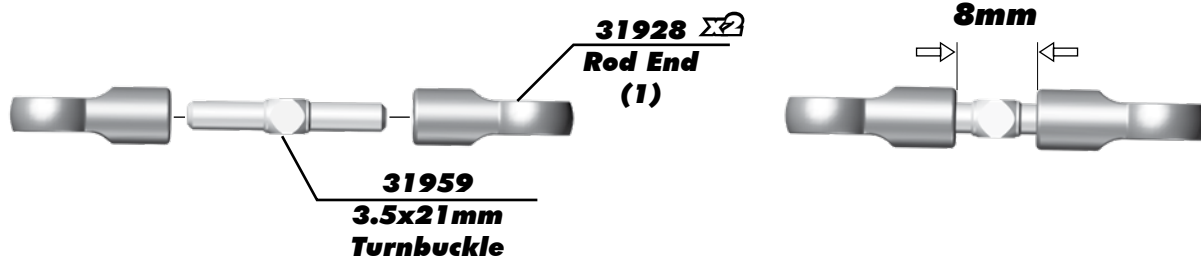
Build 1

**Save for Rear
Gearbox**



:: BAG 3 - Step 1

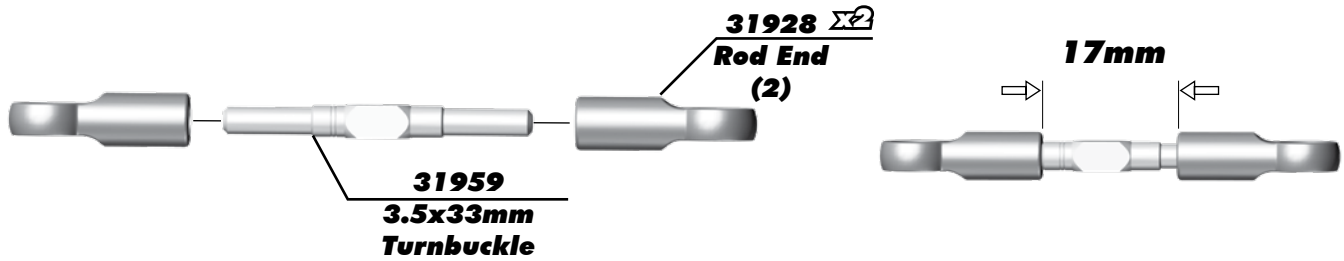
Build 4



:: BAG 3 - Step 2

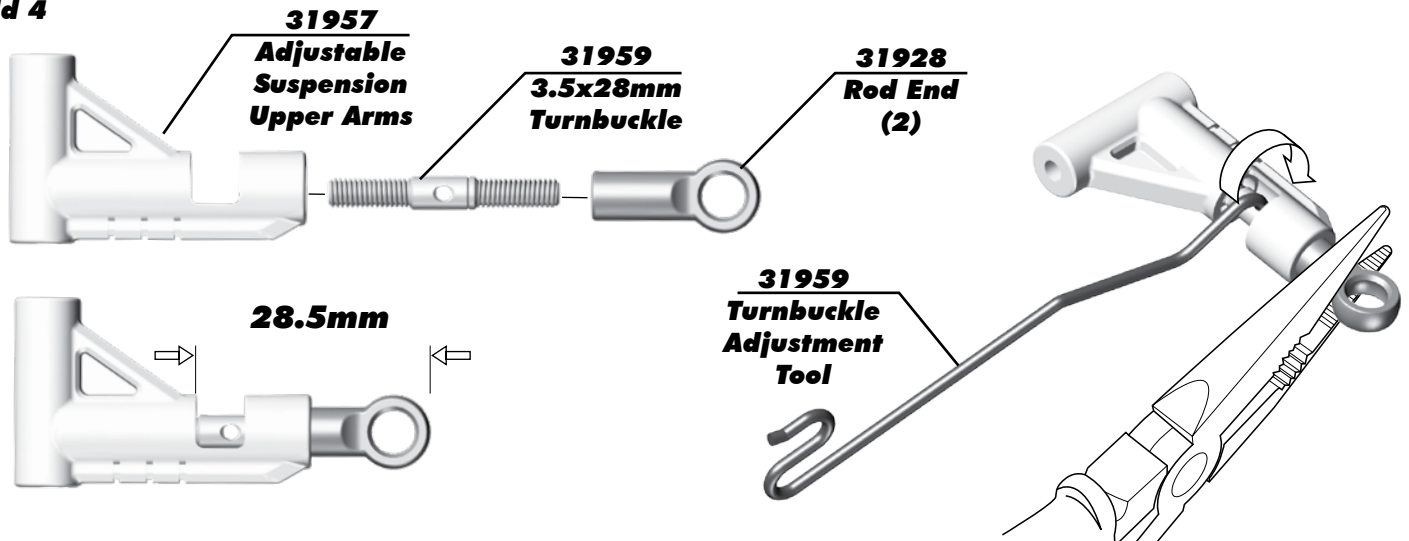
Build 1

Steering Turnbuckle



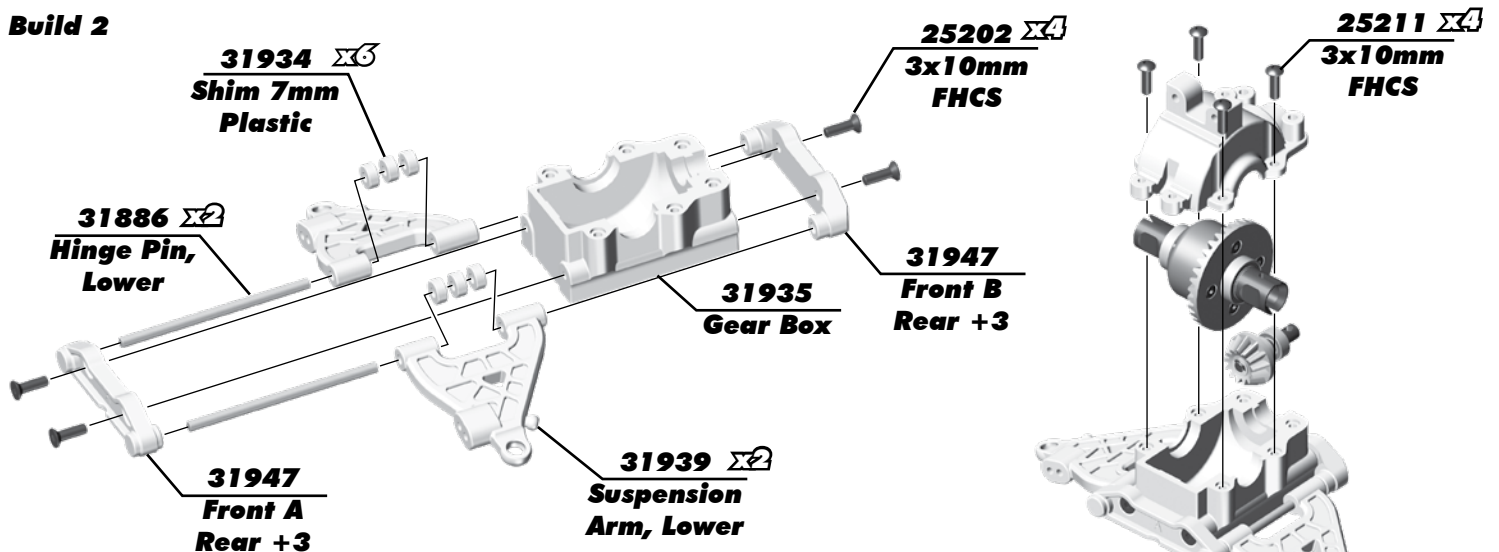
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Build 4



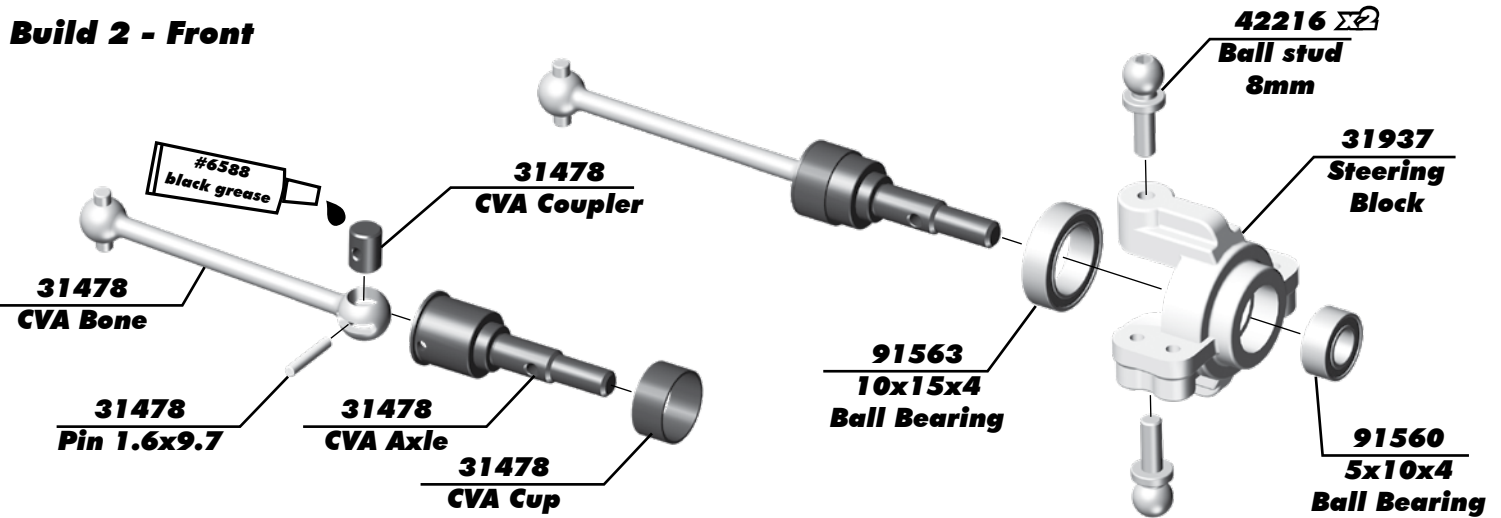
:: BAG 4 - Step 1

Build 2



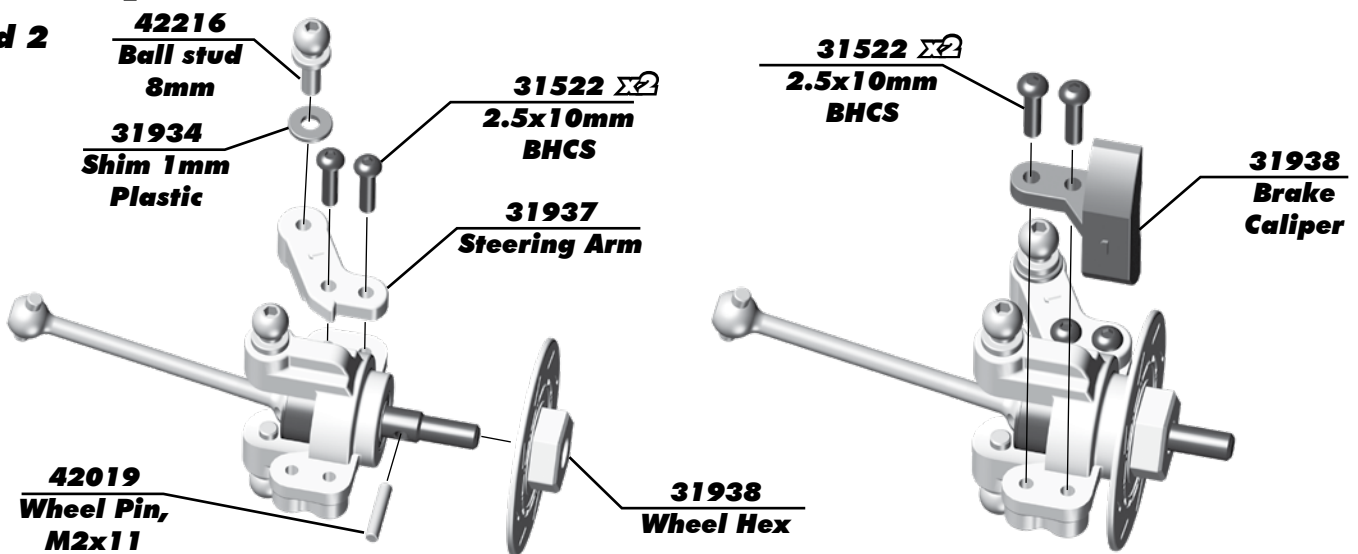
:: BAG 4 - Step 2

Build 2 - Front

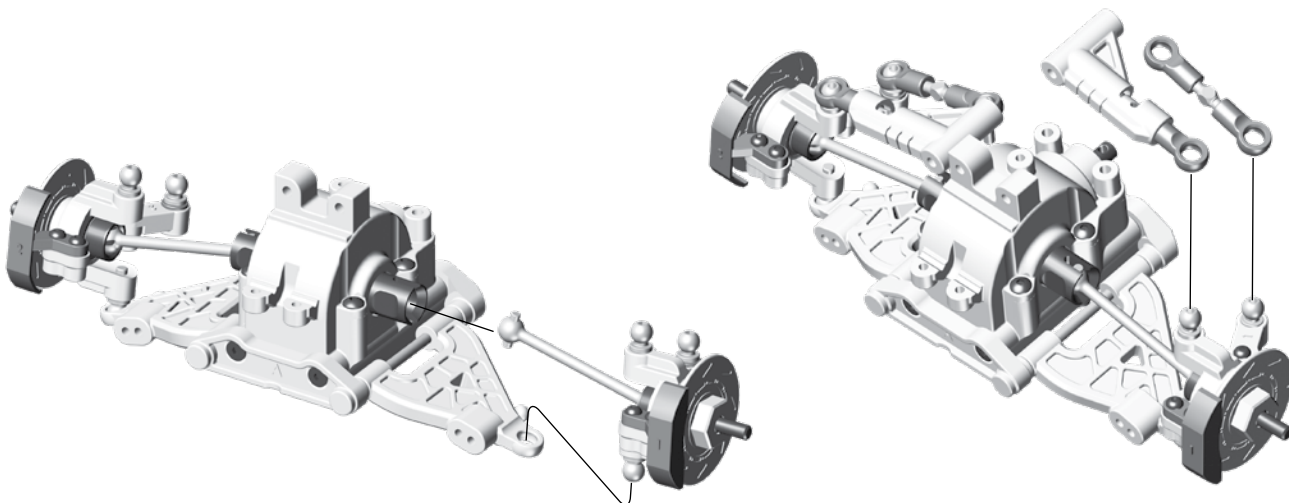


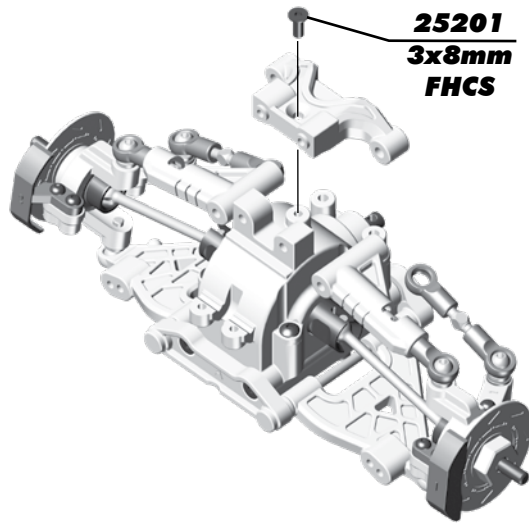
:: BAG 4 - Step 3

Build 2



:: BAG 4 - Step 4

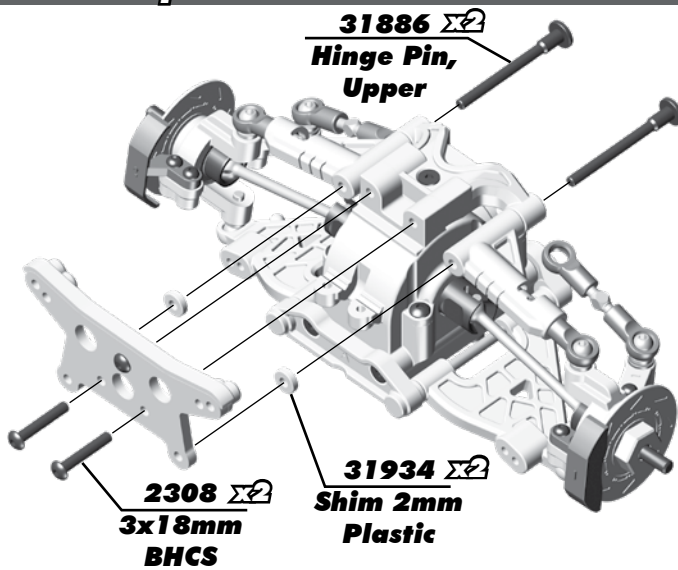


:: BAG 4 - Step 5

31958
Shock
Tower

31942
Front Shock
Tower Cover

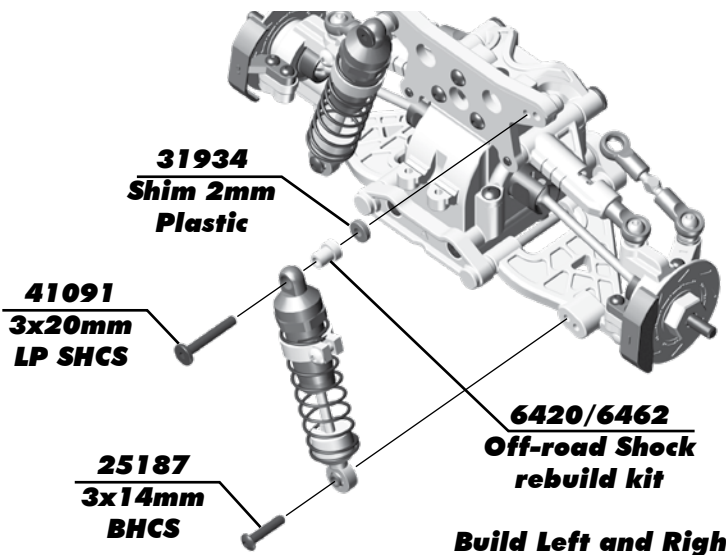
31532
3x8mm
BHCS

:: BAG 4 - Step 6

31886
Hinge Pin,
Upper

2308
3x18mm
BHCS

31934
Shim 2mm
Plastic



41091
3x20mm
LP SHCS

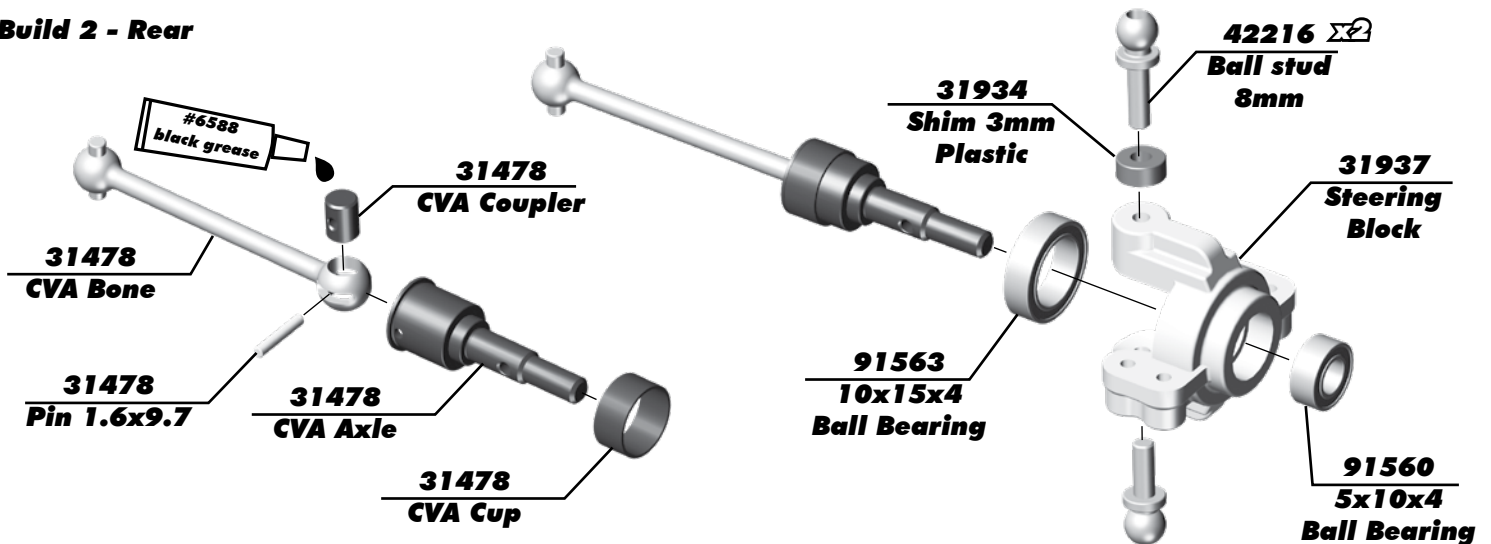
25187
3x14mm
BHCS

6420/6462
Off-road Shock
rebuild kit

Build Left and Right

:: BAG 4 - Step 7

Build 2 - Rear



#6588
black grease

31478
CVA Bone

31478
Pin 1.6x9.7

31478
CVA Coupler

31478
CVA Axle

31478
CVA Cup

31934
Shim 3mm
Plastic

91563
10x15x4
Ball Bearing

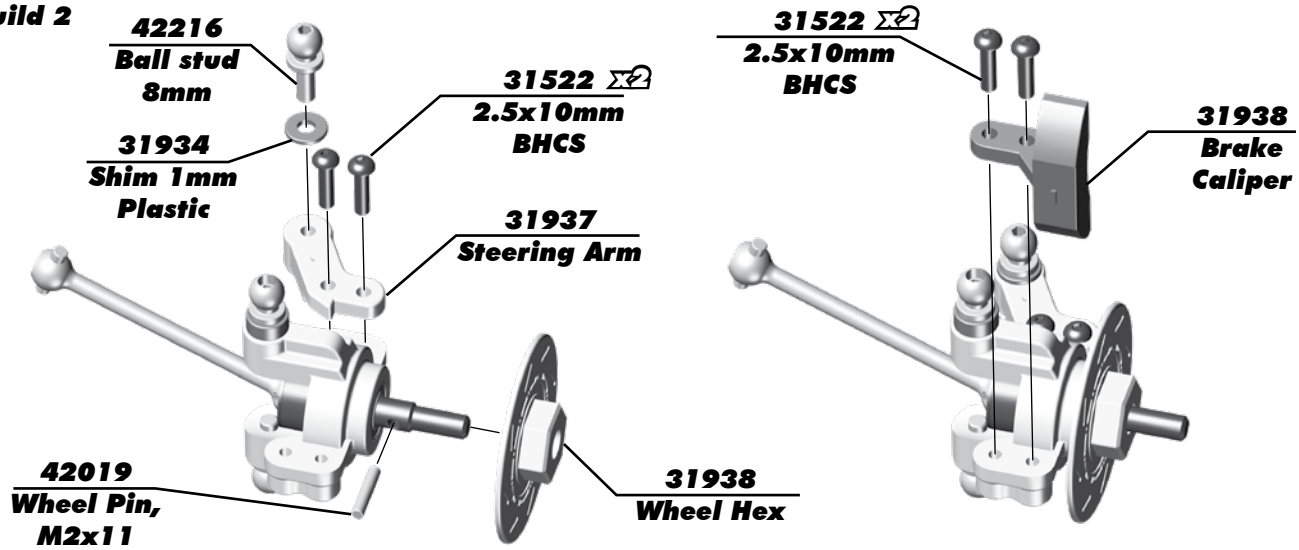
42216
Ball stud
8mm

31937
Steering
Block

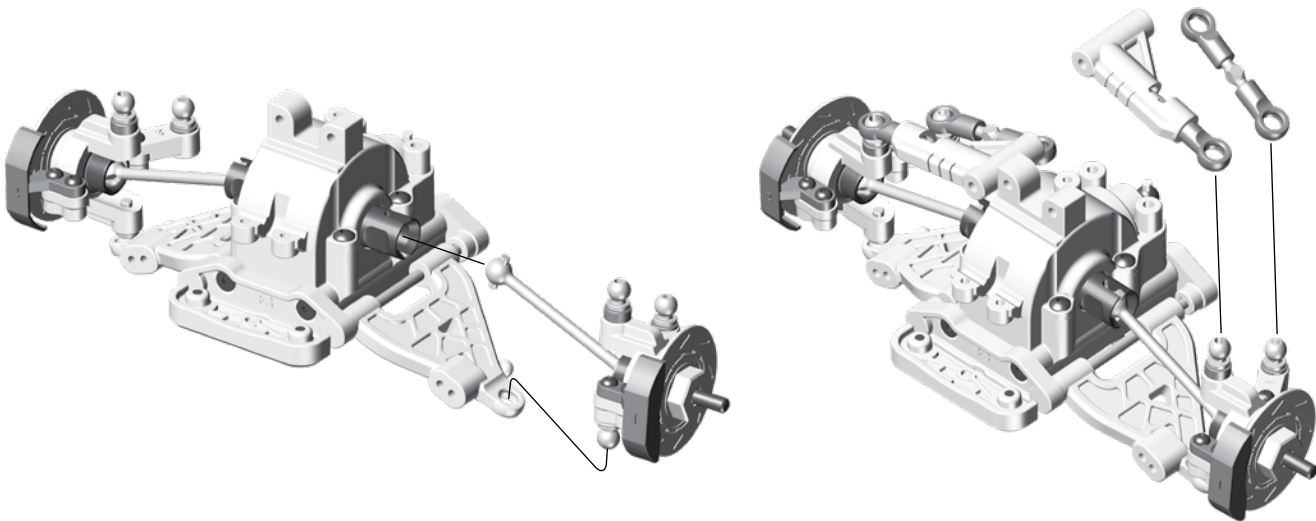
91560
5x10x4
Ball Bearing

:: BAG 4 - Step 8

Build 2

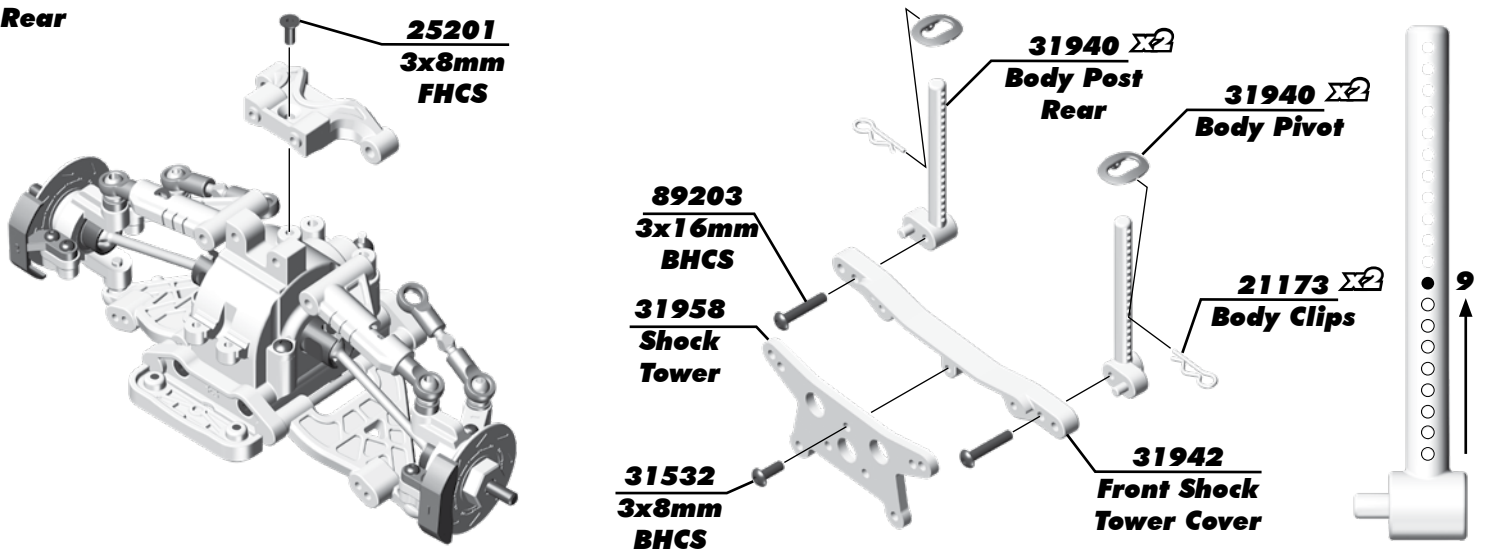


:: BAG 4 - Step 9

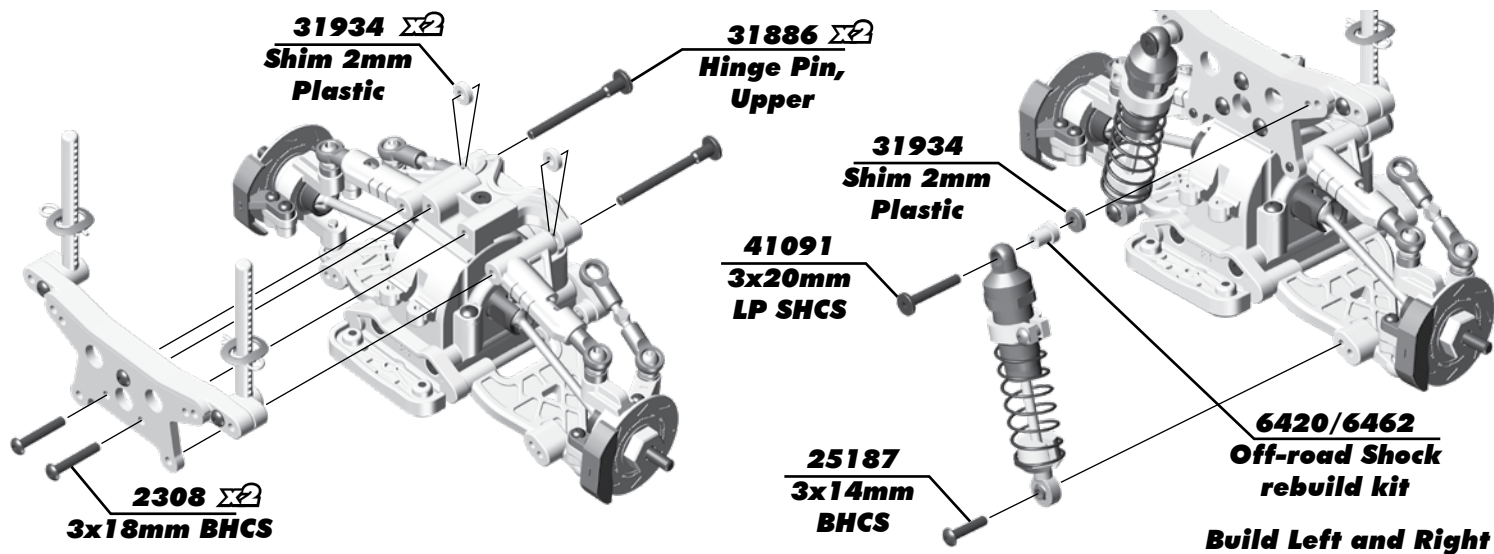


:: BAG 4 - Step 10

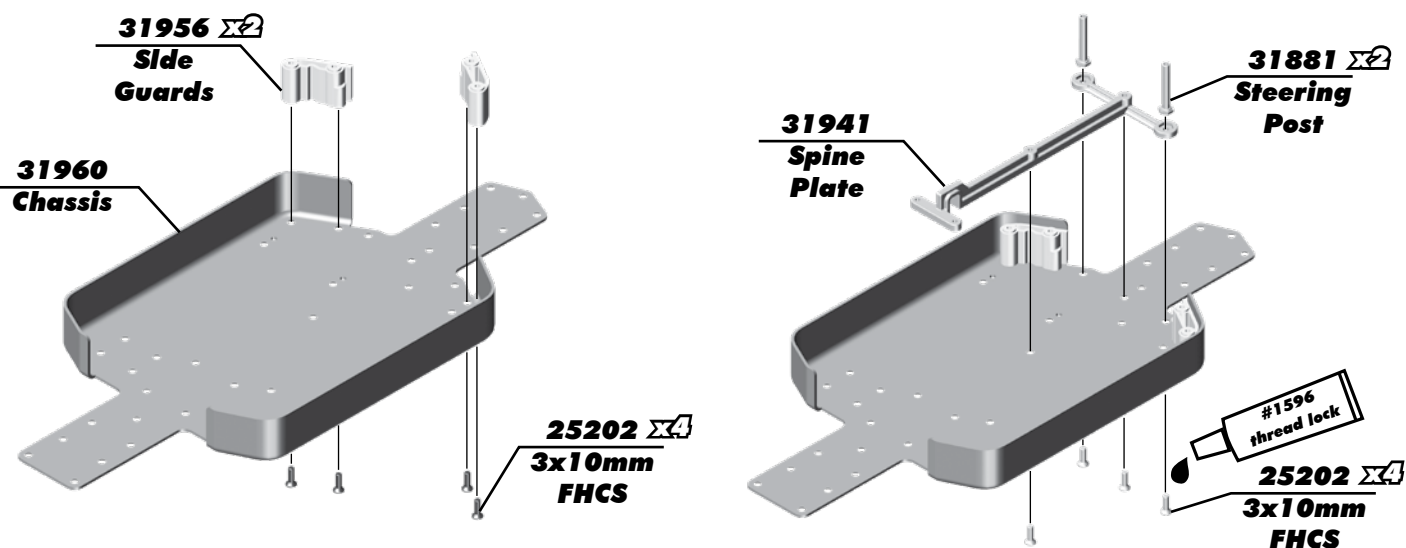
Rear



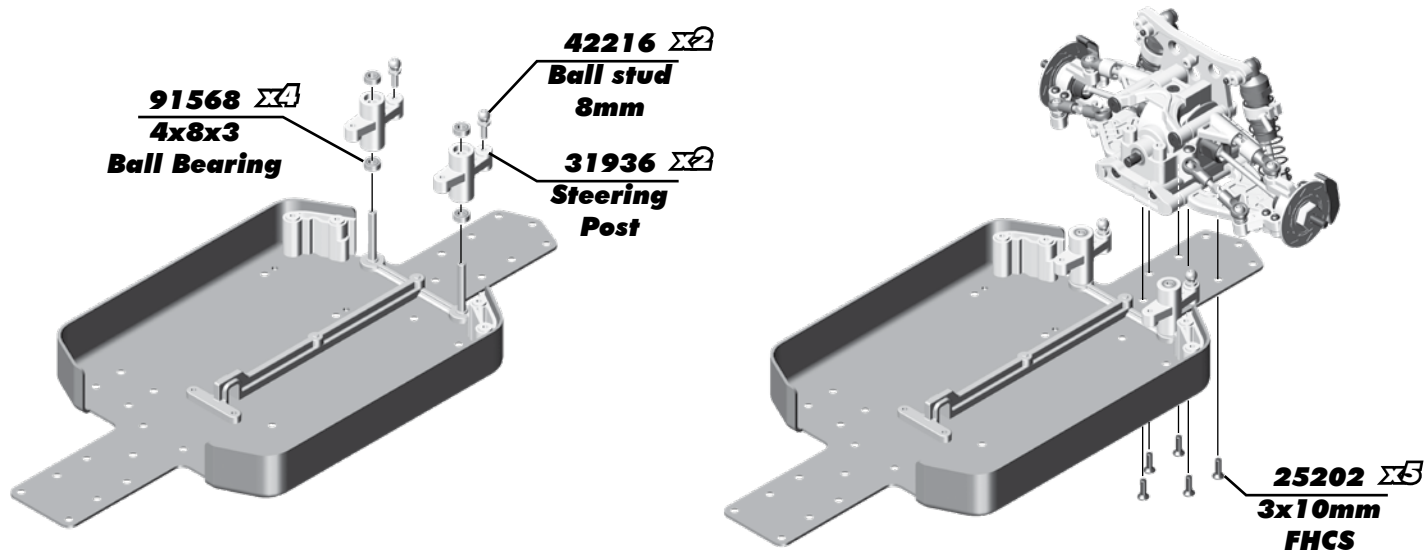
:: BAG 4 - Step 11

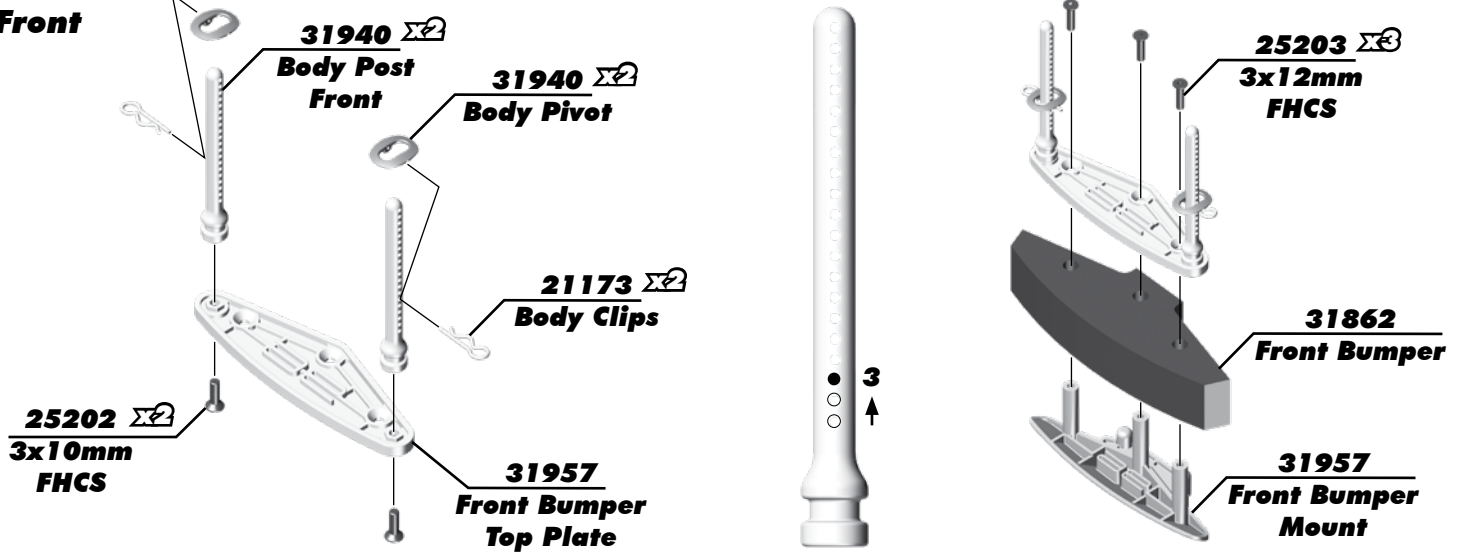
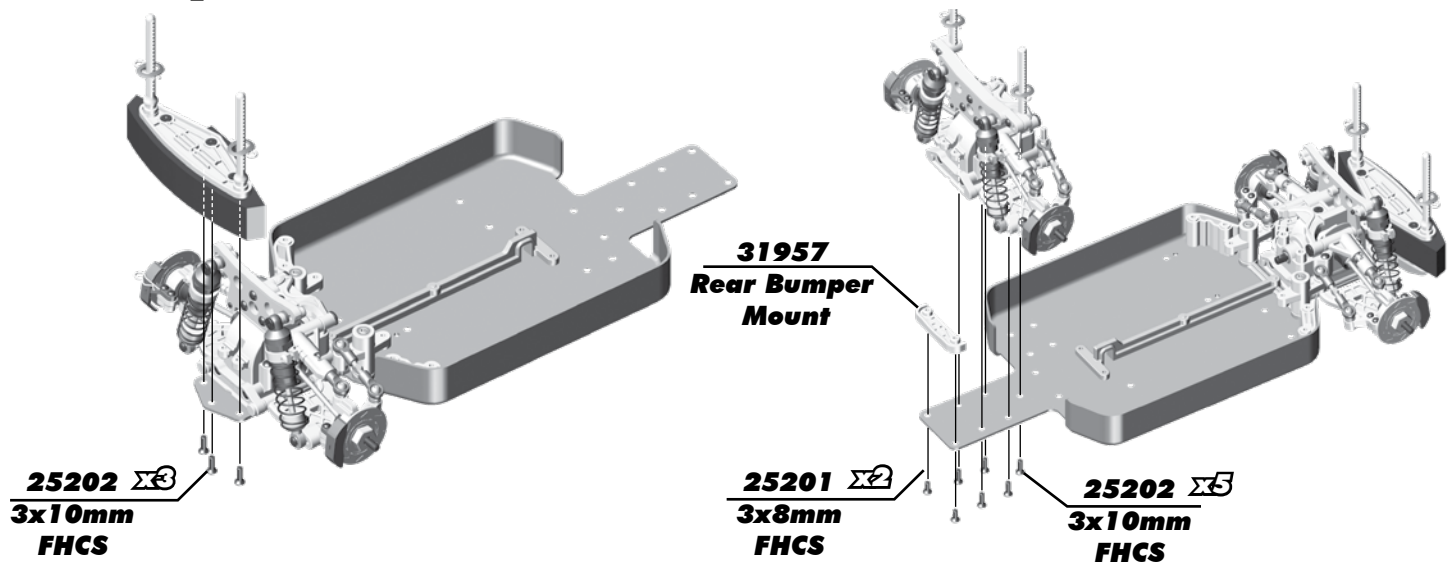
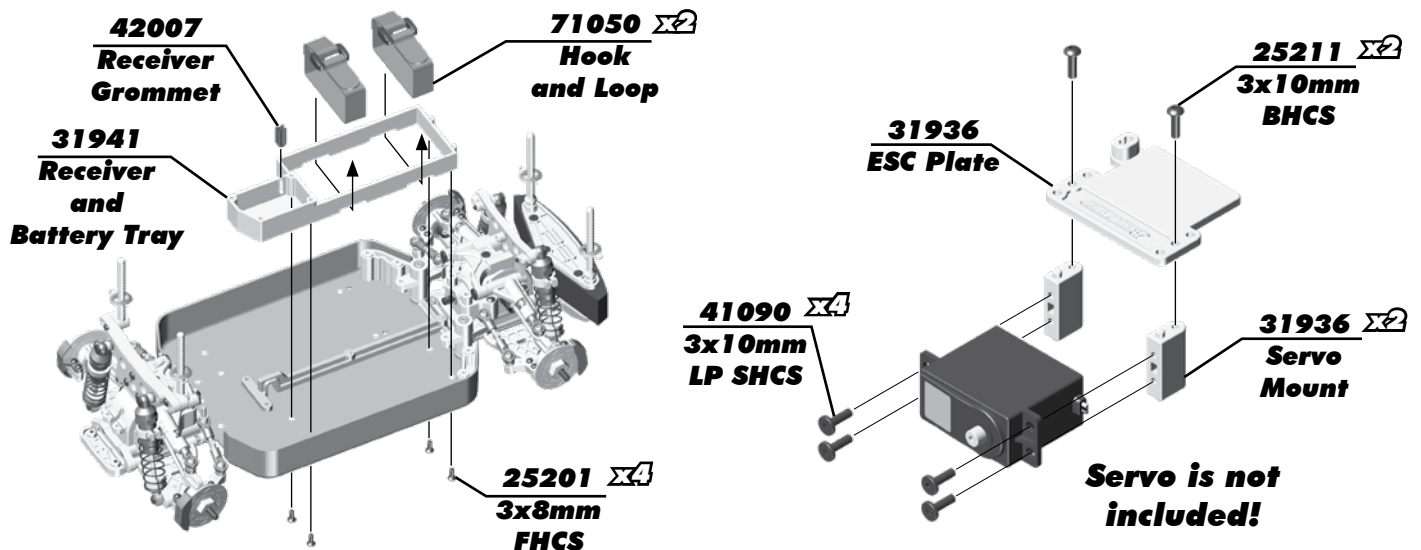


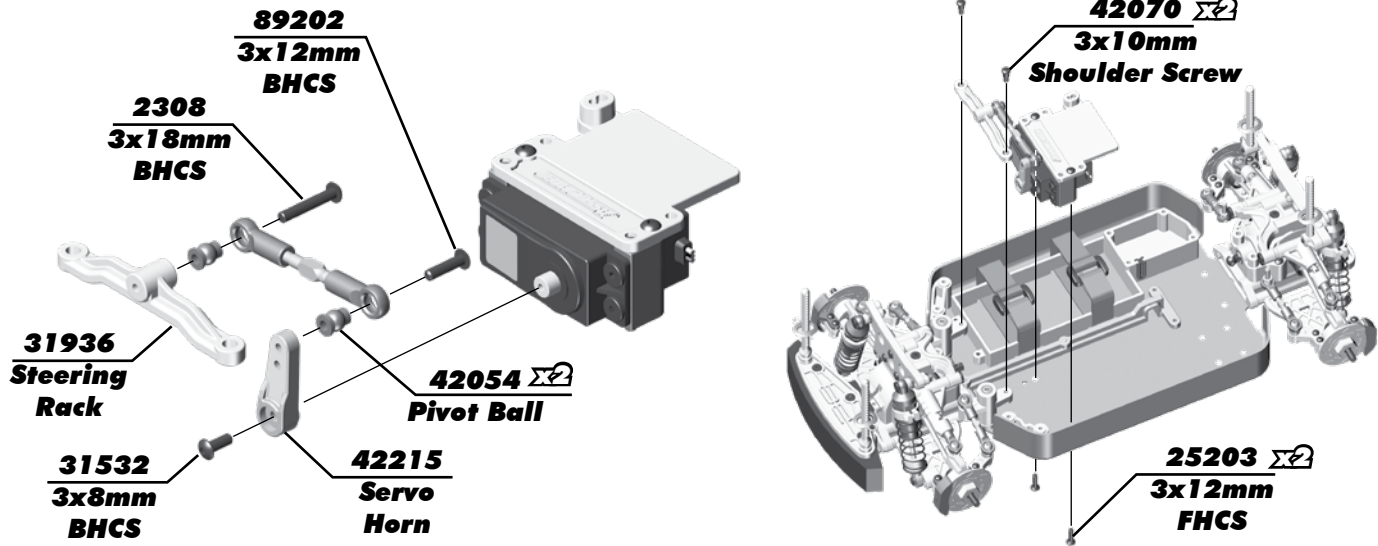
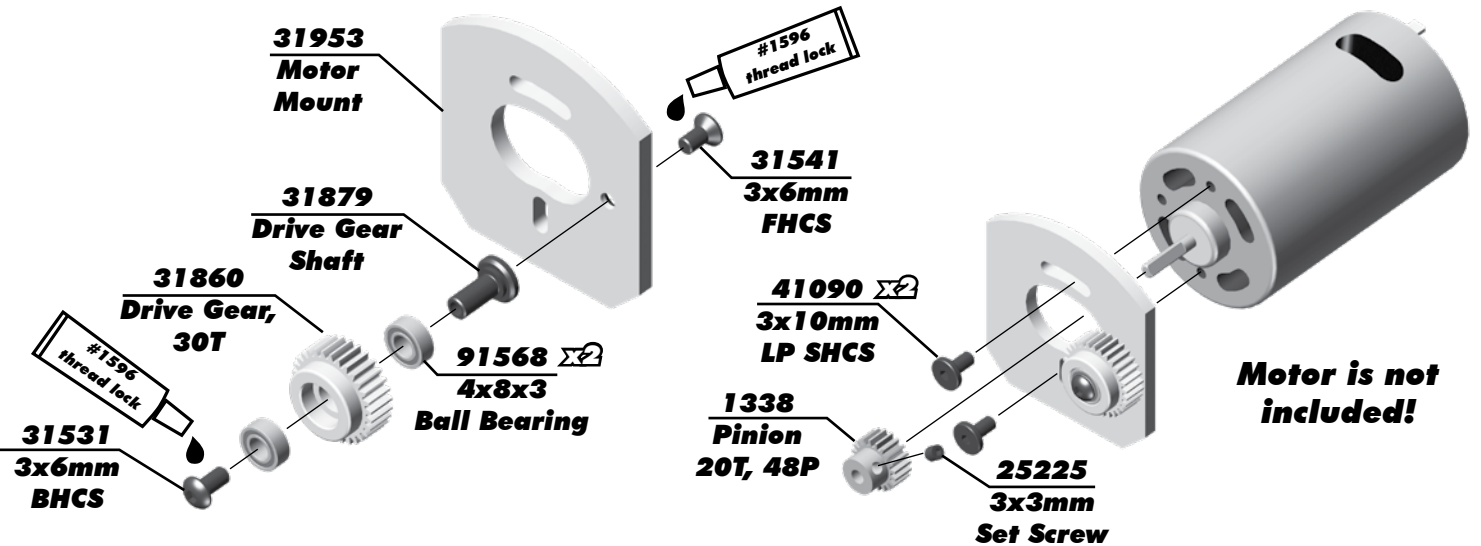
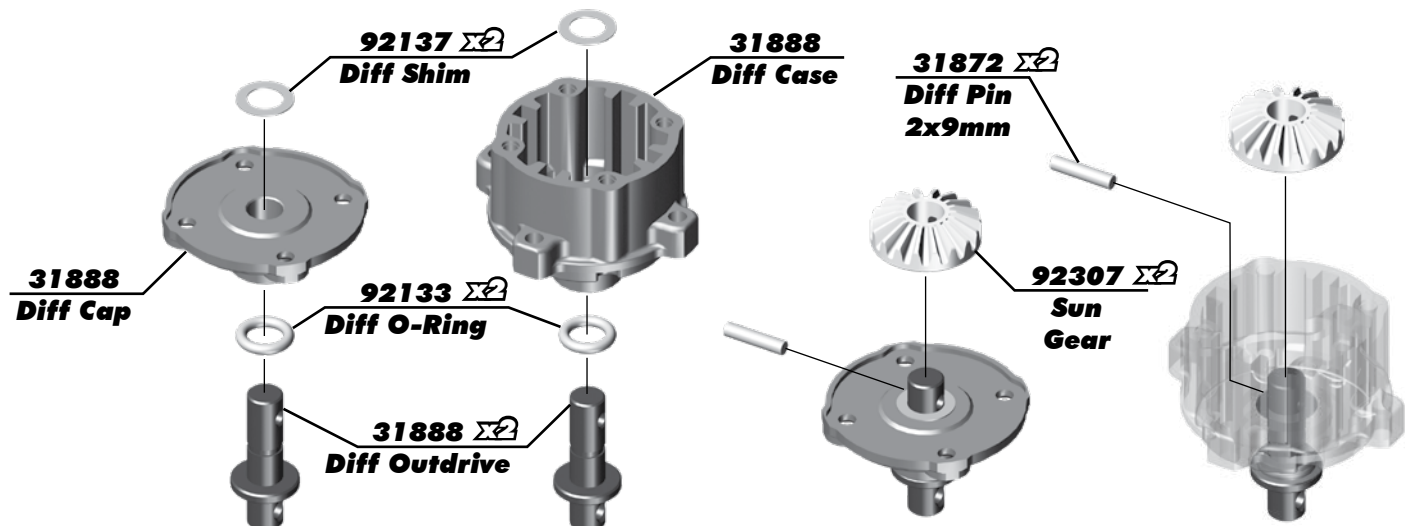
:: BAG 5 - Step 1



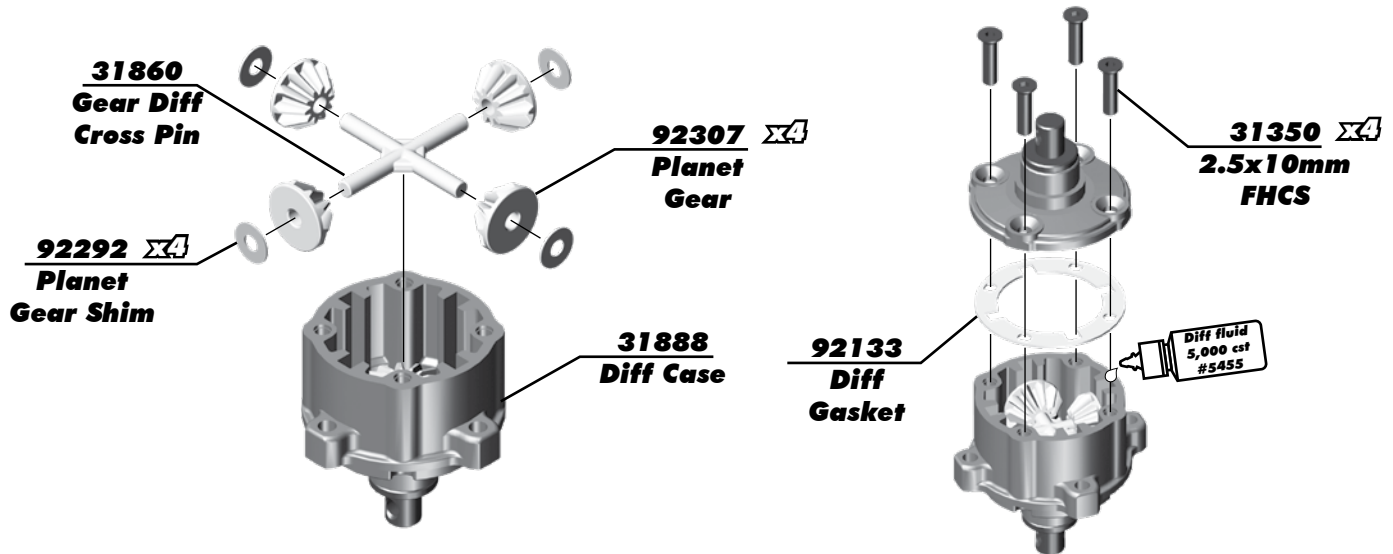
:: BAG 5 - Step 2



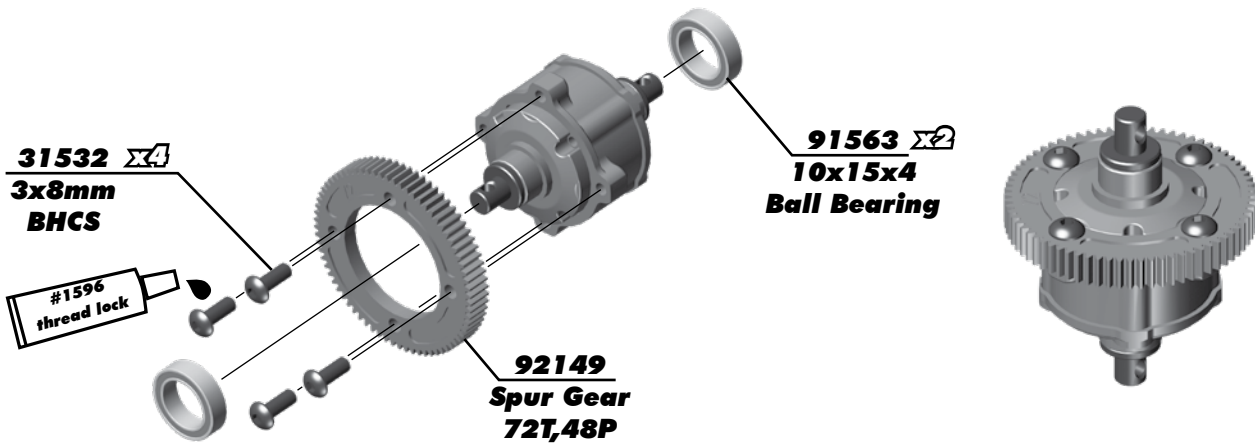
:: BAG 5 - Step 3**Front****:: BAG 5 - Step 4****:: BAG 6 - Step 1**

:: BAG 6 - Step 2**:: BAG 6 - Step 3****:: BAG 6 - Step 4**

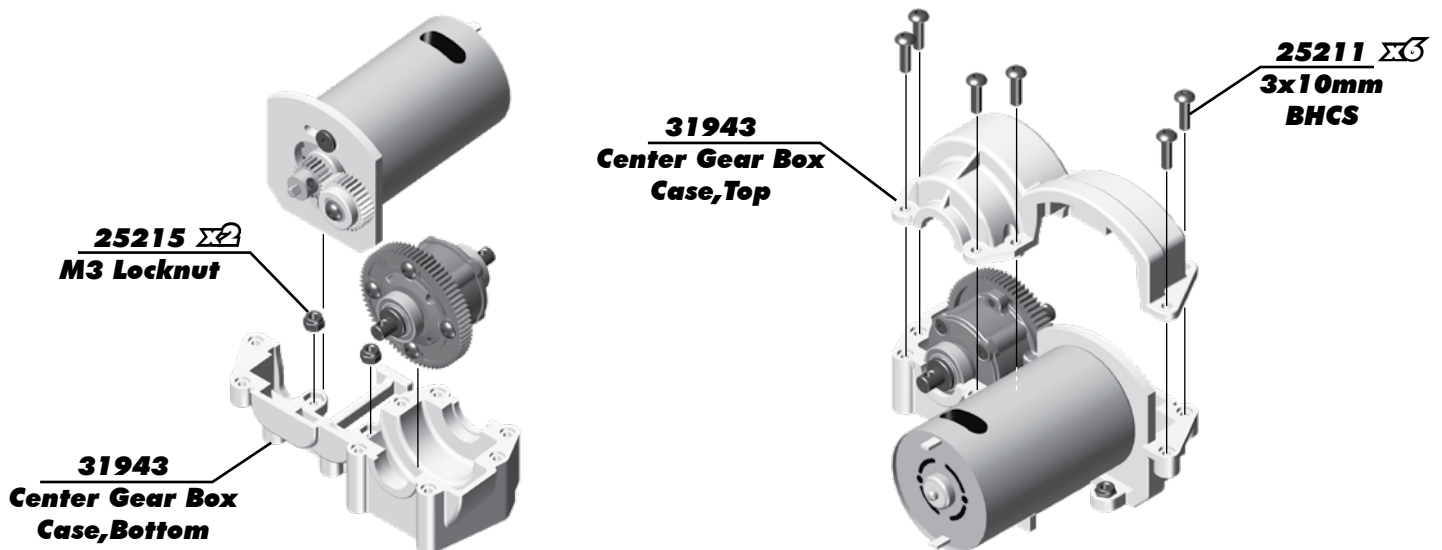
:: BAG 6 - Step 5

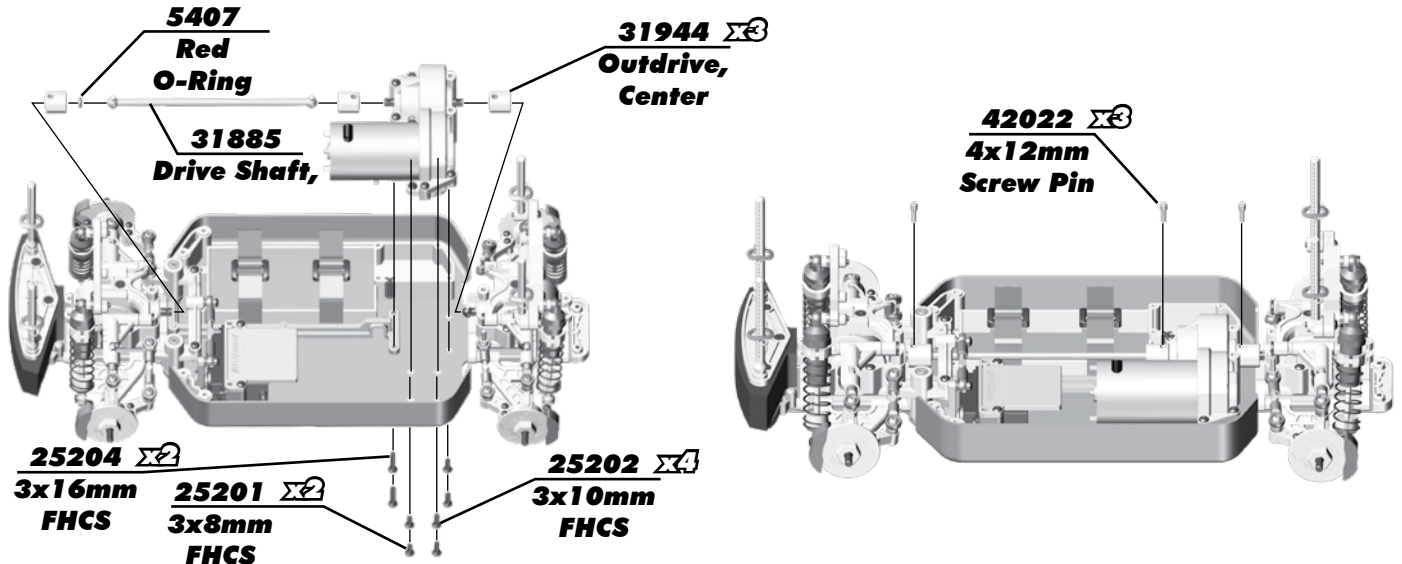
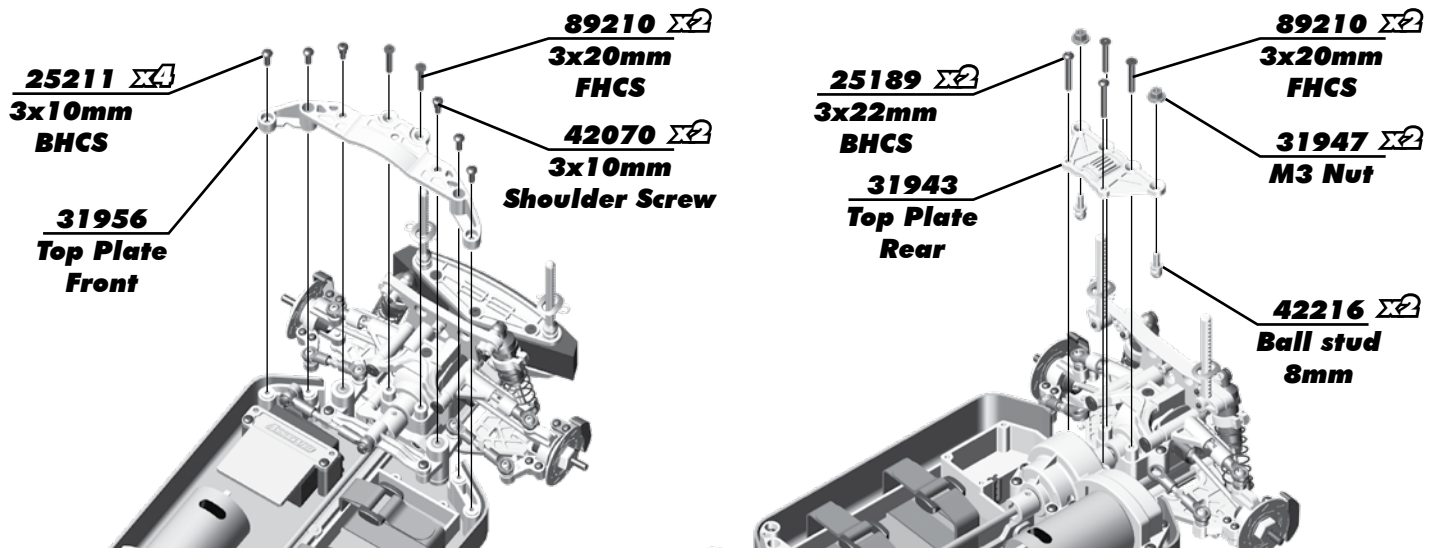
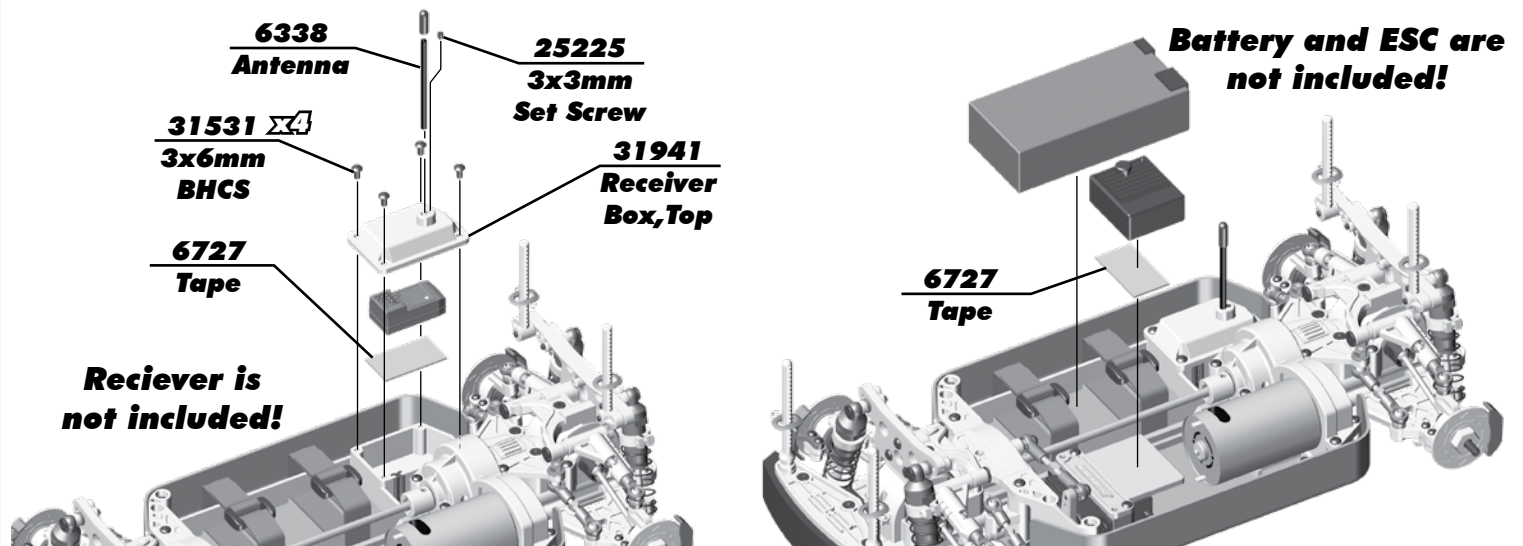


:: BAG 6 - Step 6



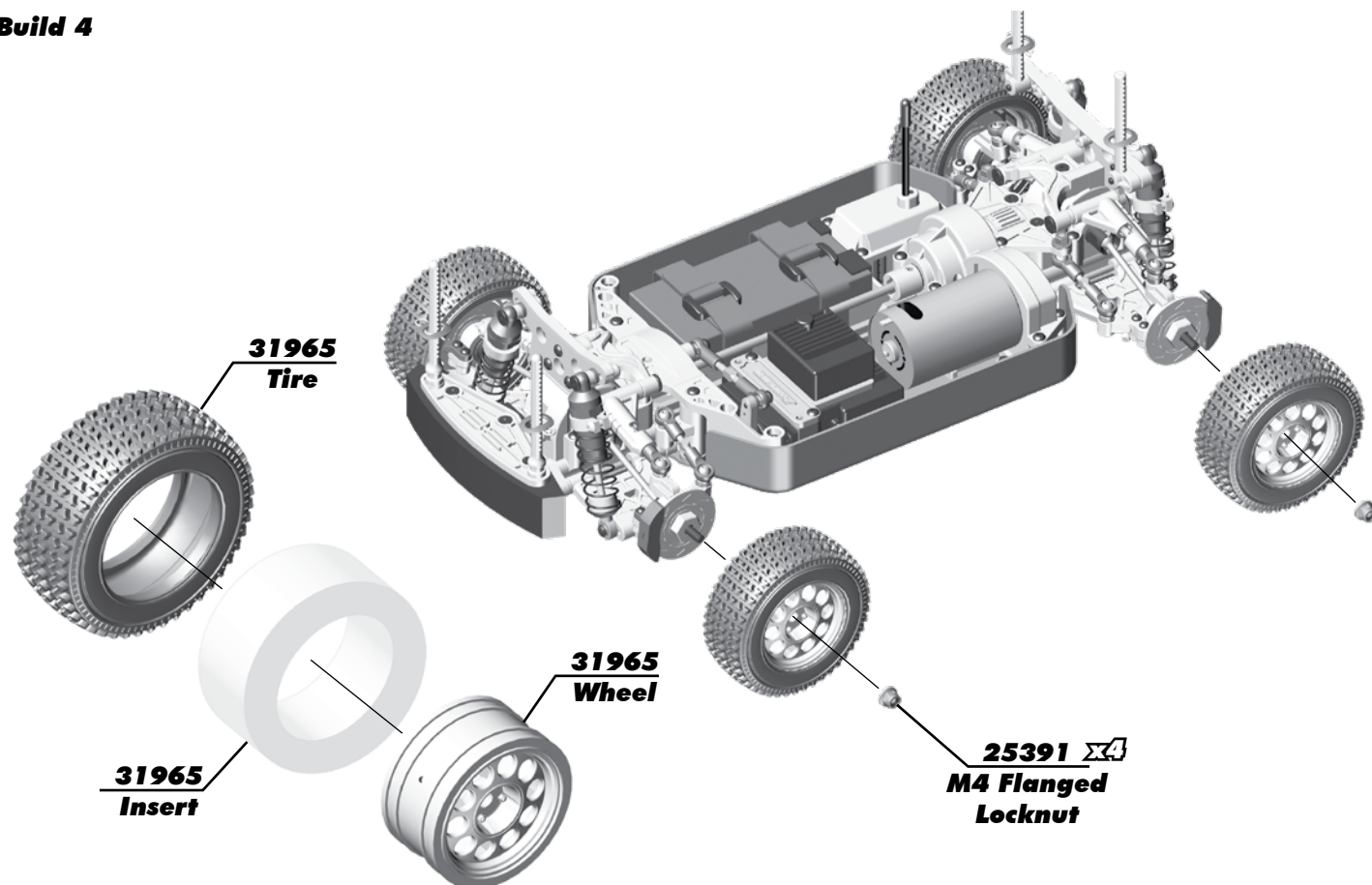
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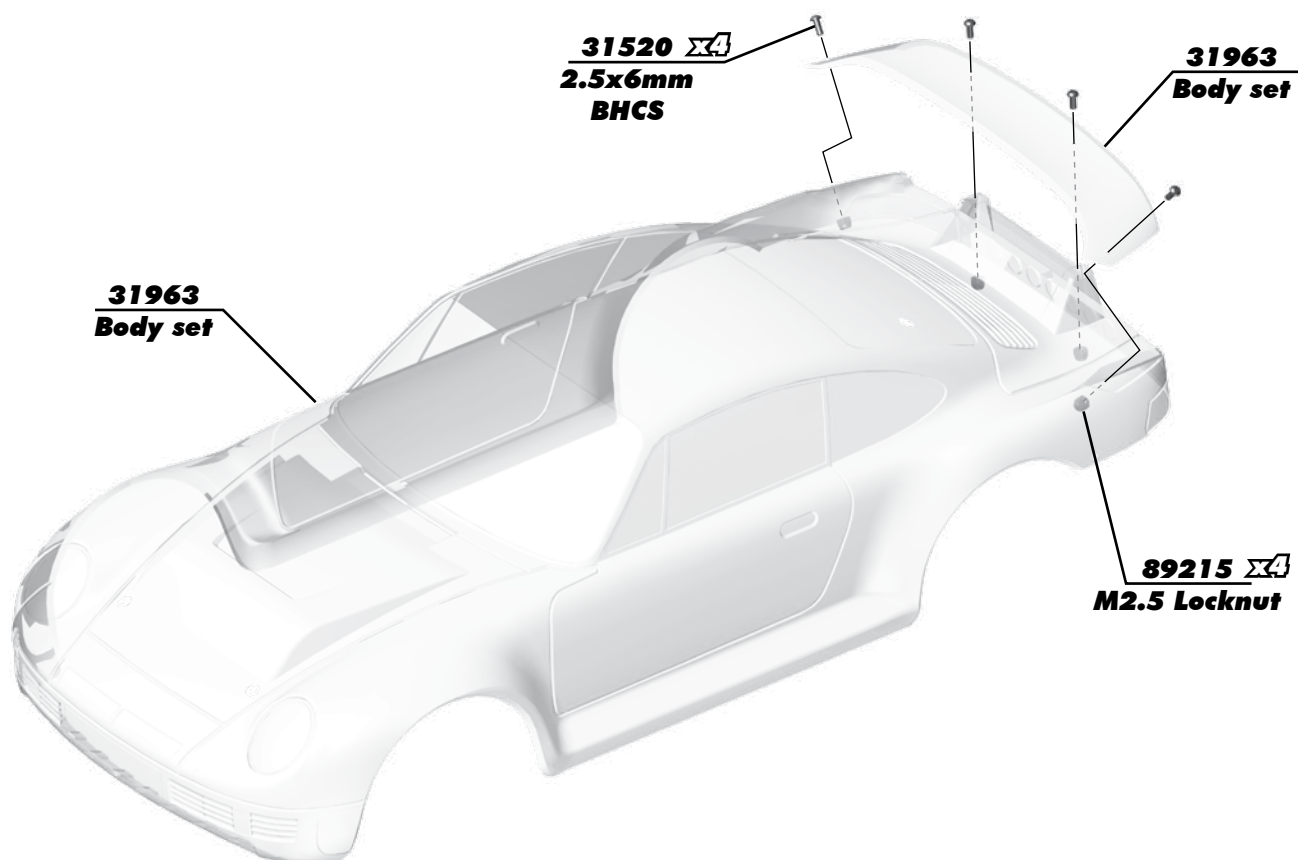
:: BAG 6 - Step 8**:: BAG 6 - Step 9****:: BAG 6 - Step 10**

:: BAG 7

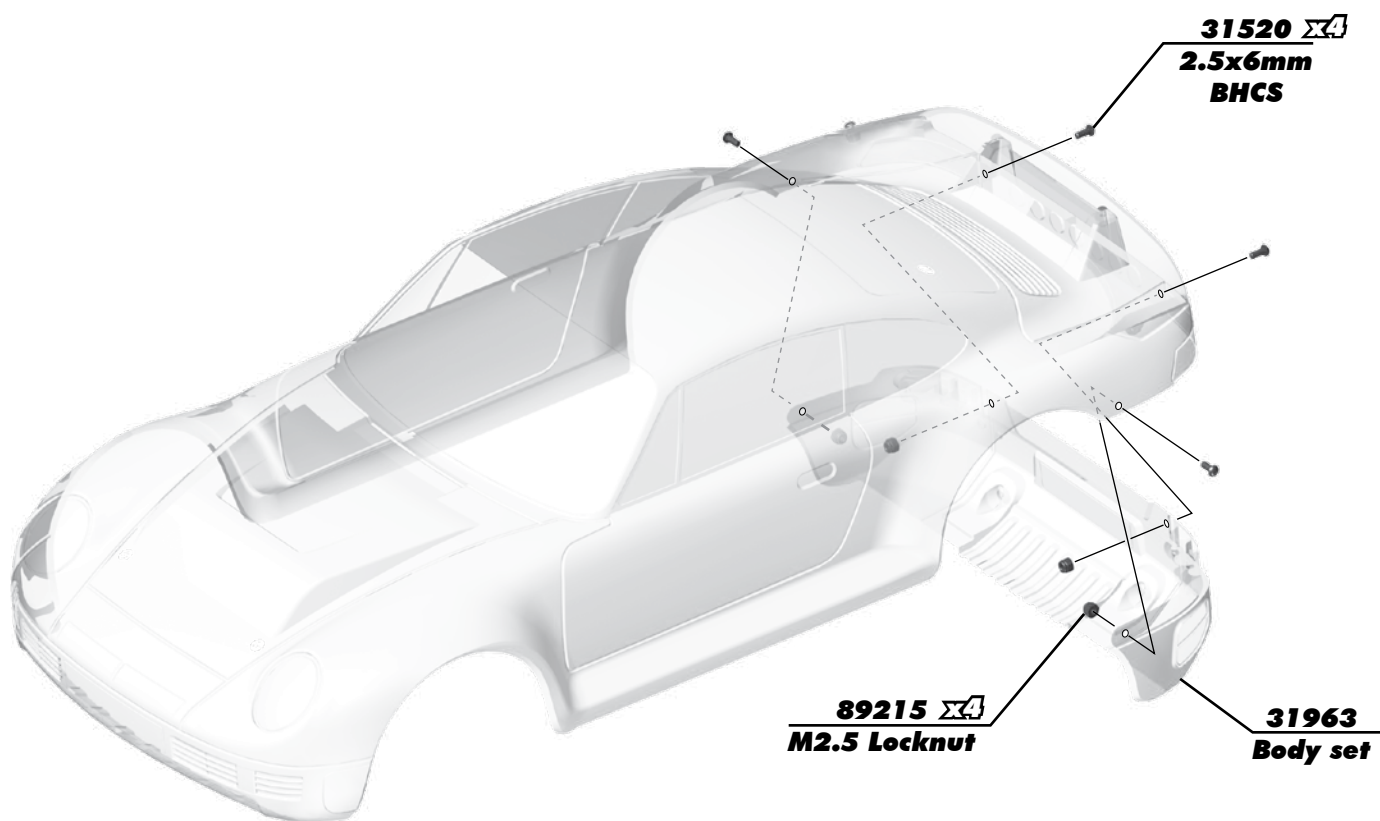
Build 4



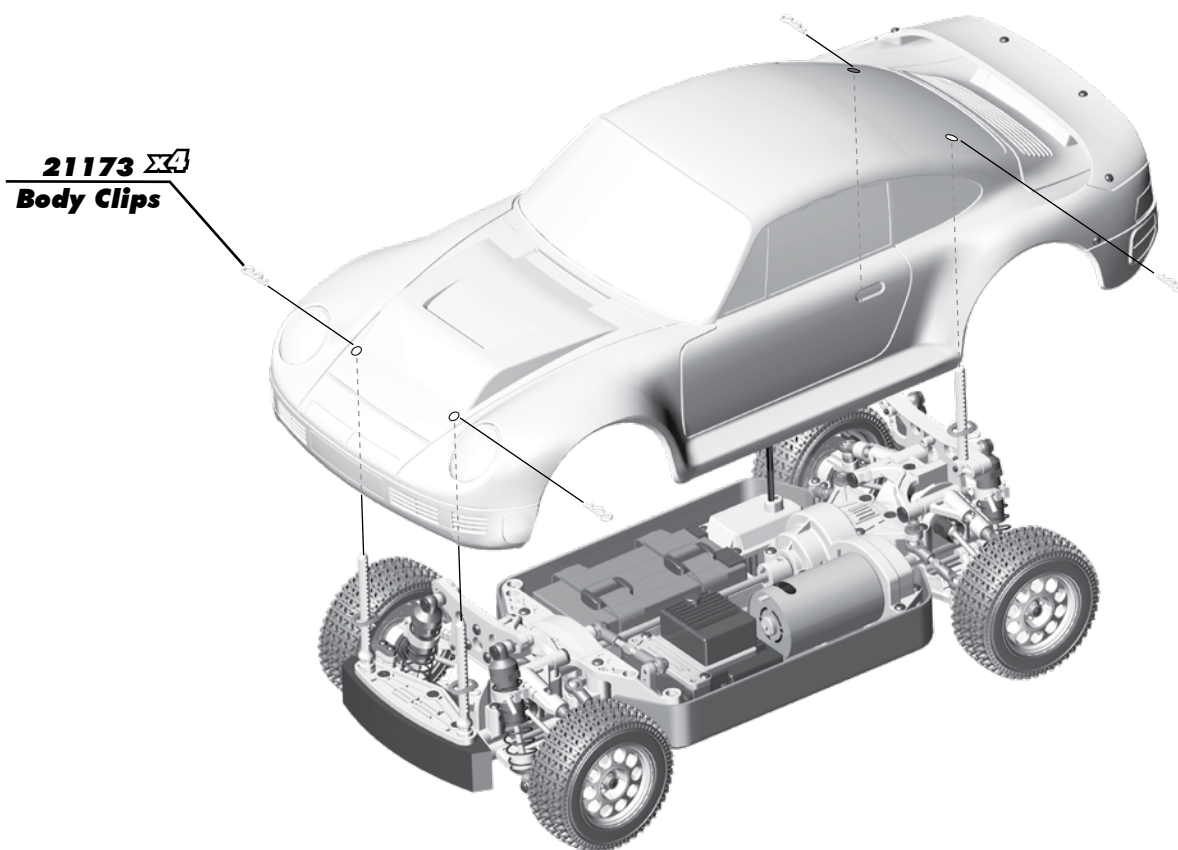
:: Body

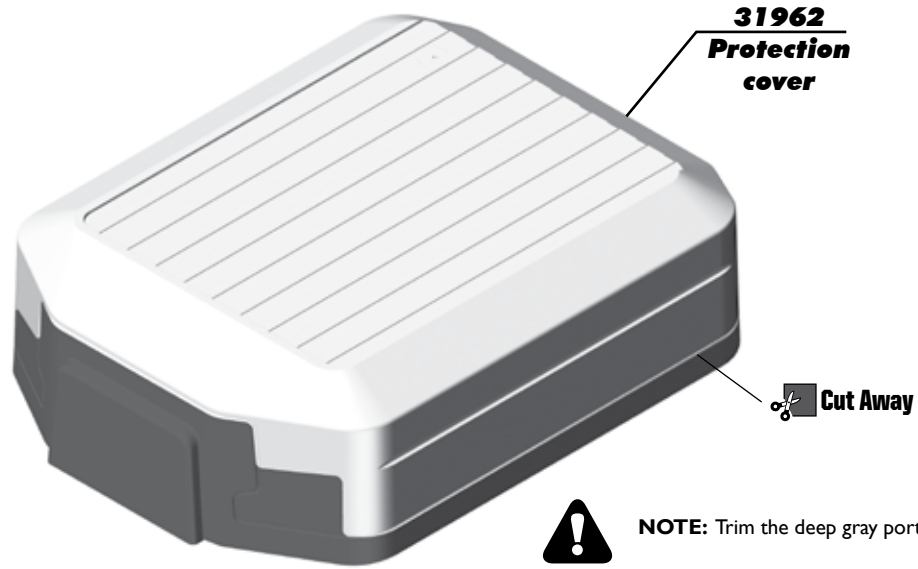


:: Body

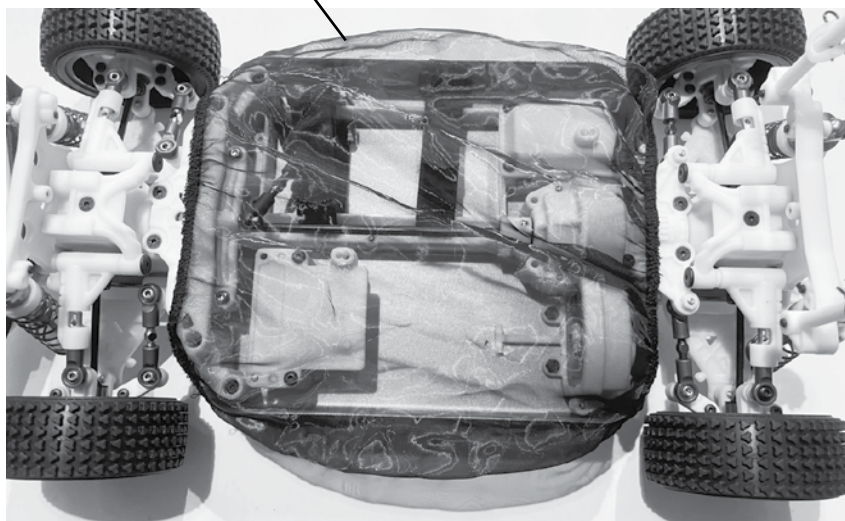
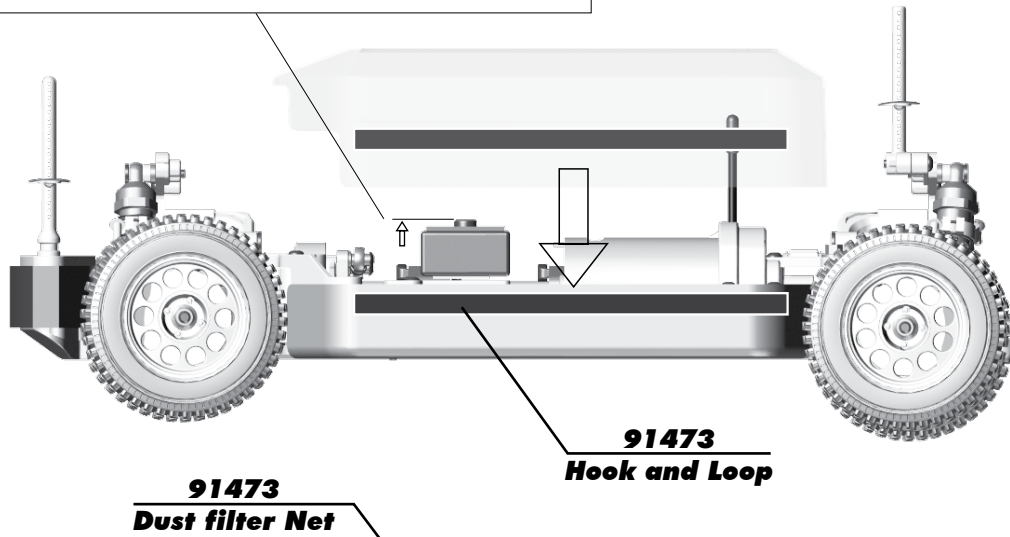


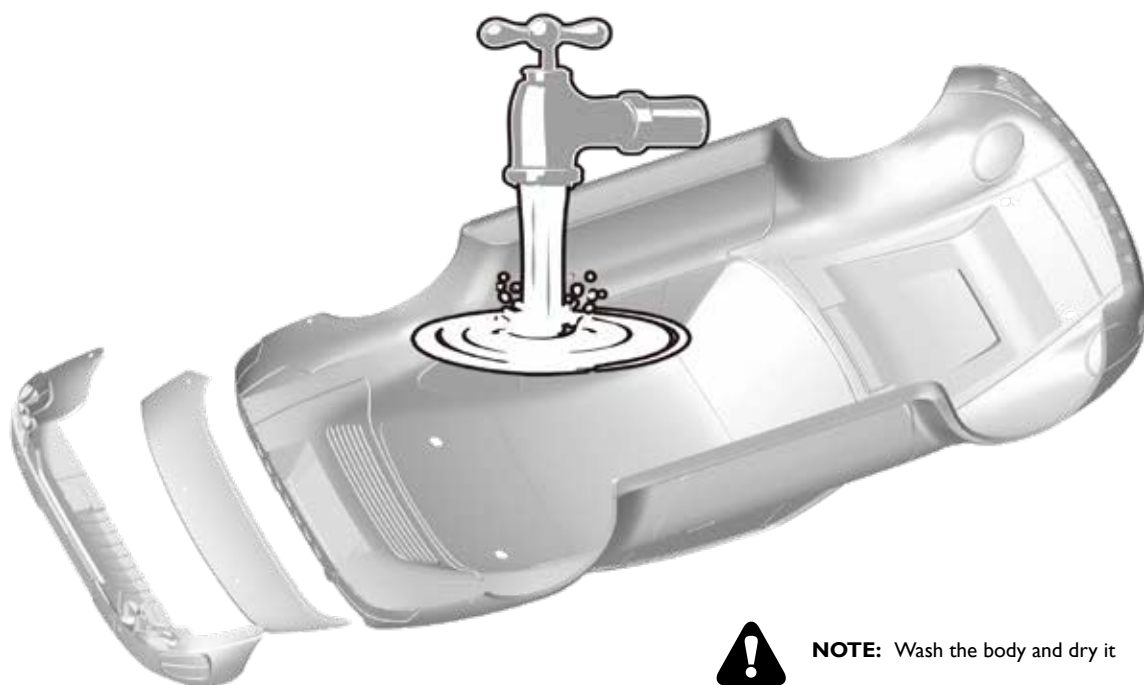
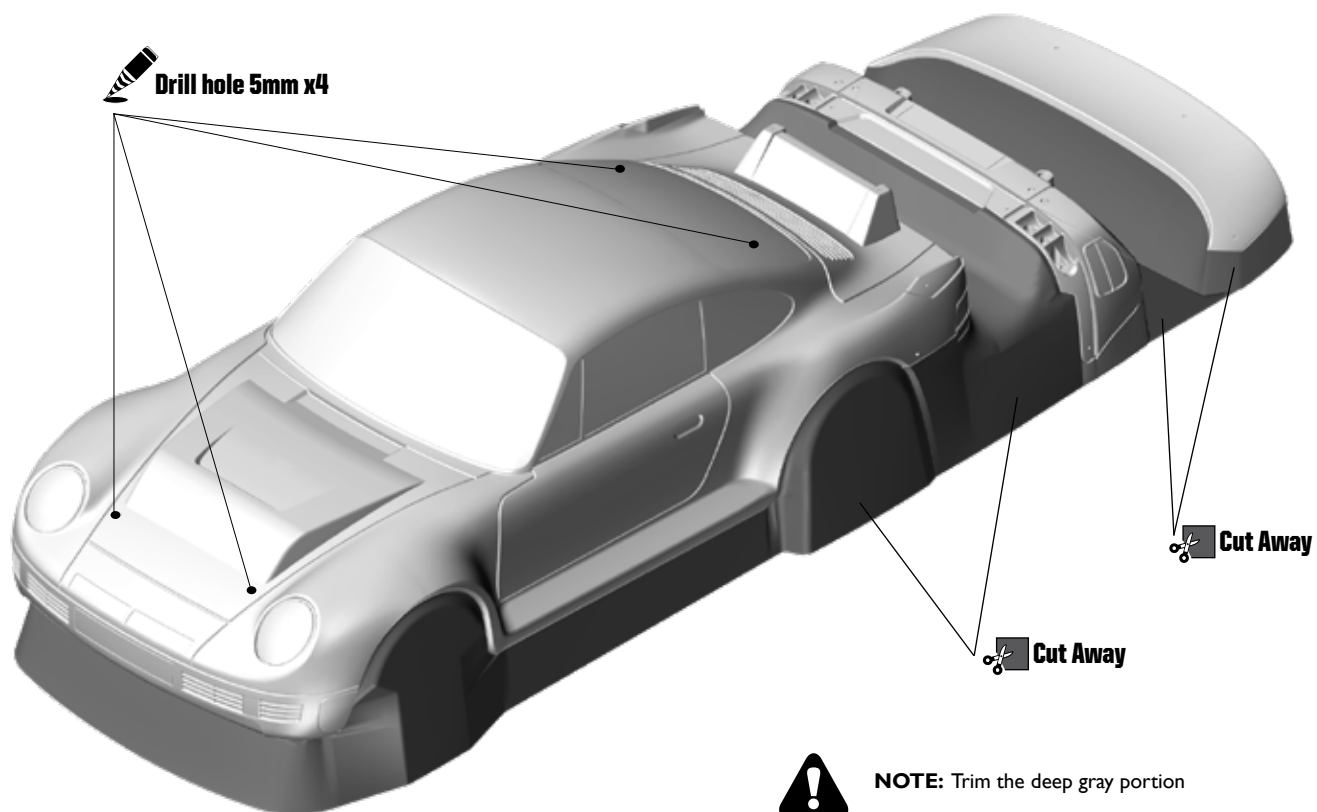
:: Body

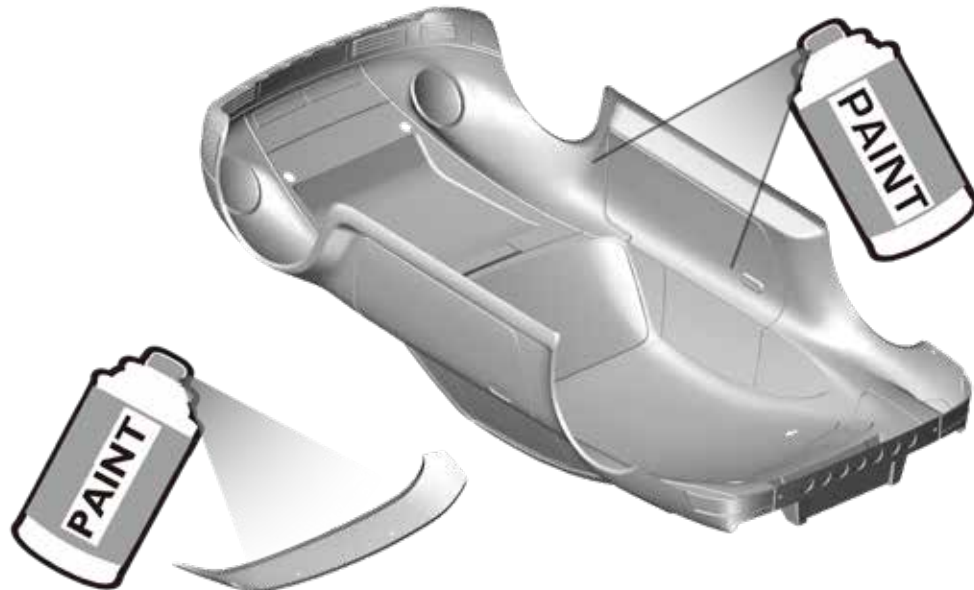


:: Protection Cover

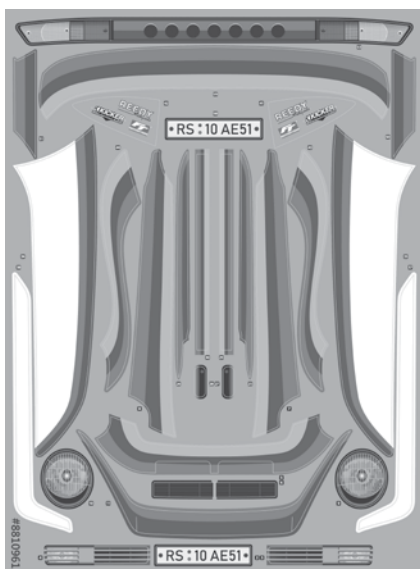
Please make sure height of ESC is correct before installing the protection cover.



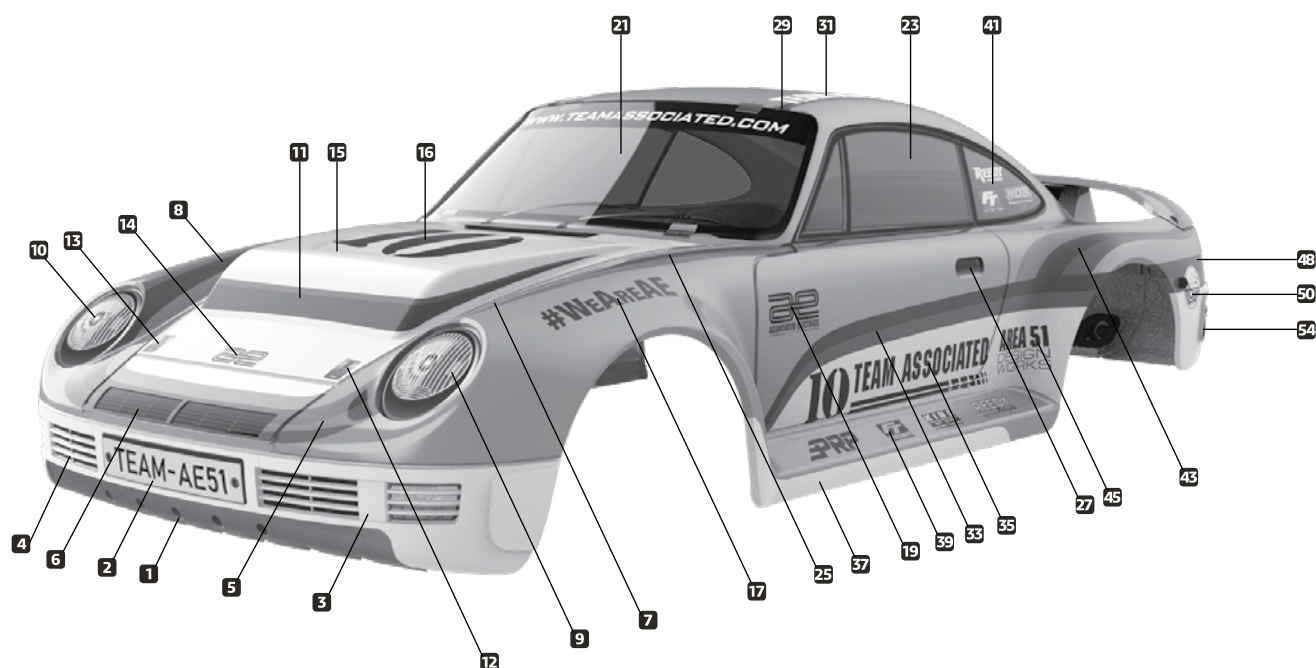
:: Body-Step 1

:: Body-Step2**Window Mask****31963
Window Mask****Window Mask****Window Mask**

:: Body-Step3



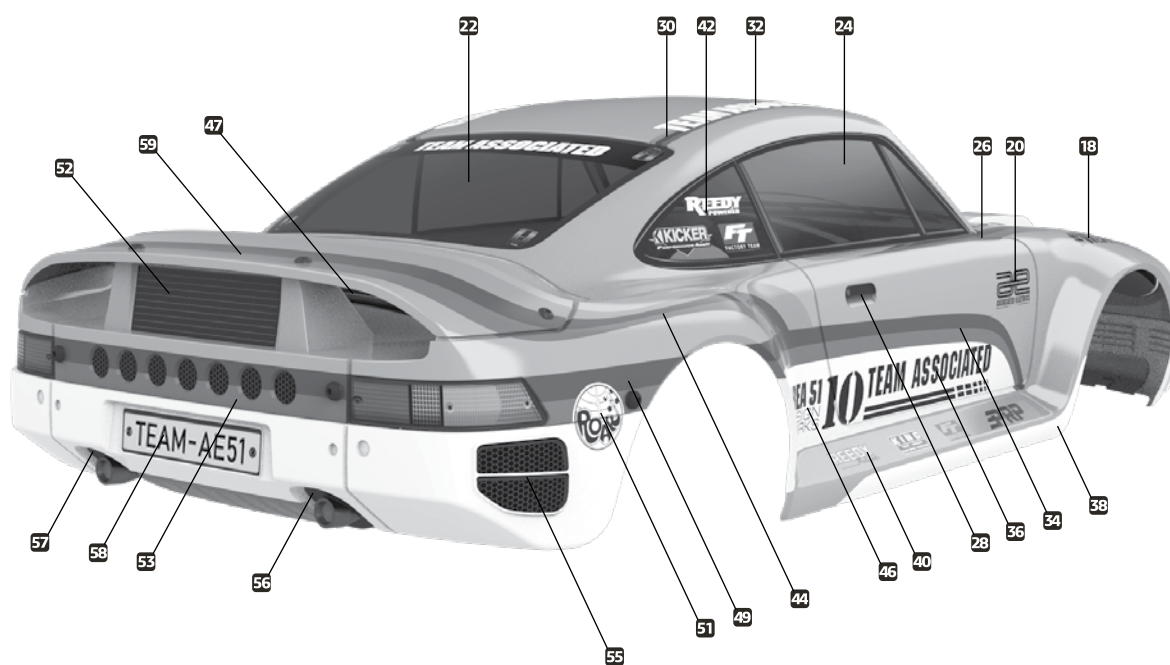
**31964
RC10 4x4 Rally Kit
Body Decal**



:: Body-Step4



31964
RC10 4x4 Rally Kit
Body Decal



:: Notes

:: Notes

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