

RC10



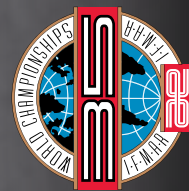
CUSTOM RACE CAR 6X6



TEAM ASSOCIATED

1:10 Scale Custom Race Car Electric Kit Manual

#30146 RC10 6X6 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

- Exclusive Grey molded parts throughout
- New detailed clear lexan 6x6 Formula racing body set
- Driver helmet included
- New front and rear racing wings
- 6x6 gearbox set and 3 sealed differentials
- New 6x6 aluminum blue chassis plate
- Heavy duty turnbuckles
- Adjustable front / rear toe and camber adjustments
- Blue anodized aluminum shock parts
- Blue anodized aluminum motor plate
- Black racing wheels and high grip tires included
- Full ball bearings throughout
- Heavy duty drive shafts all around
- Fully independent suspension

:: Additional

Your new Kit comes unassembled.

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

- | | |
|--|--------------------------------|
| • 2-3 Channel radio system | • Compatible Battery Charger |
| • Electronic Speed Control | • Polycarbonate paint for body |
| • 540 Motor (Brushless system recommended) | • Tools for assembly |
| • Steering Servo | • Glue for tires |
| • 2S (7.4V) LiPo battery | |

:: Other Helpful Items

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

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

ASSOCIATED ELECTRICS

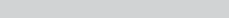
Customer Service
Tel: 949.544.7500
Fax: 949.544.7501

:: Hardware - 1:1 Scale View

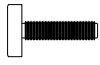
Flat Head Screws (fhcs)

	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)

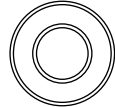
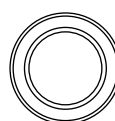
Pivot Balls

	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

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7.....Turnbuckle Build (Bag 3)	Back Cover

:: 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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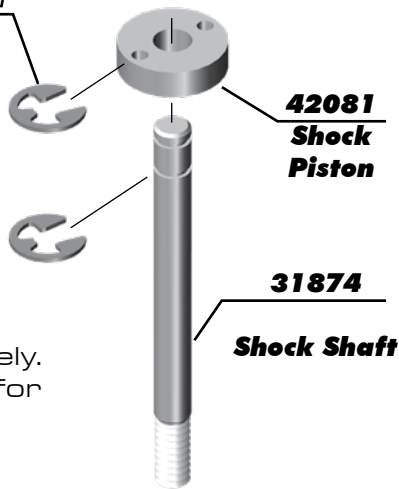


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:: BAG 1 - Step 1**Build 6**

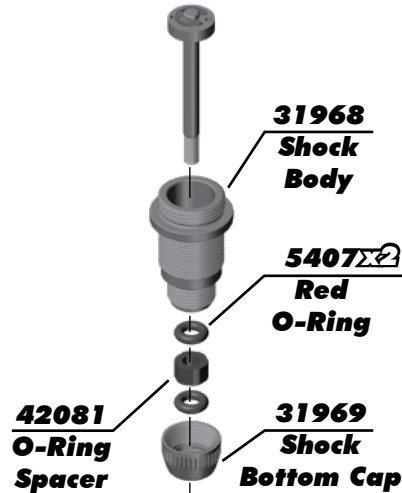
***Spare Parts Note:**
This kit comes with exclusive-colored parts not sold separately. Spare parts listed are for replacement only and may not match the colored parts in this kit.

6299 
E-Clips



42081
Shock
Piston

31874
Shock
Shaft

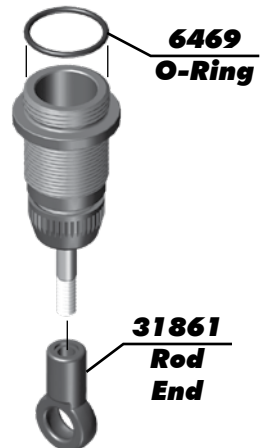


31968
Shock
Body

5407 
Red
O-Ring

42081
O-Ring
Spacer

31969
Shock
Bottom Cap



6469
O-Ring

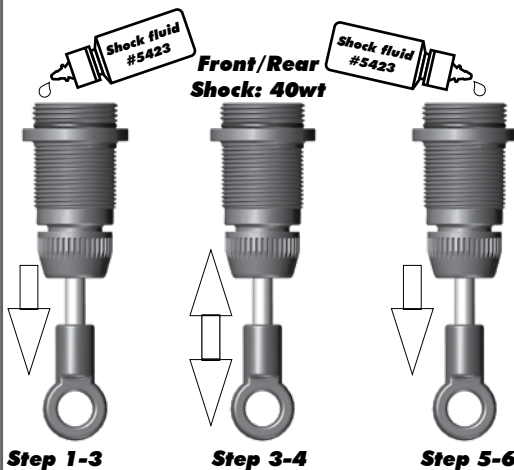
31861
Rod
End

:: BAG 1 - Step 2

31969
Shok **Top**
Cap

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. Wait for bubbles to come to surface.
4. Fill shock body to top with silicone fluid.
5. Place a drop of oil in the cap and on cap threads.
6. Install cap and tighten completely.
7. Slowly compress shaft all the way to the top. If there is pressure at the top of the stroke, there is too much oil or air. You must bleed it out.
8. Slowly pull shaft out.
9. Unscrew the cap 3/4 turn and tilt the shock at a slight angle.
10. Slowly compress the shaft to push out excess oil and air. You should see bubbles coming out from under the cap.
11. 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.

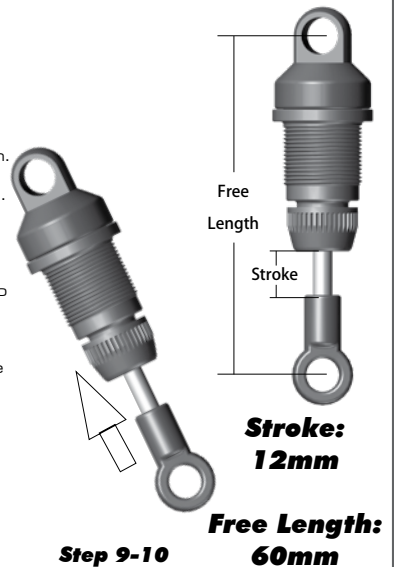


Step 1-3

Step 3-4

Step 5-6

Step 7



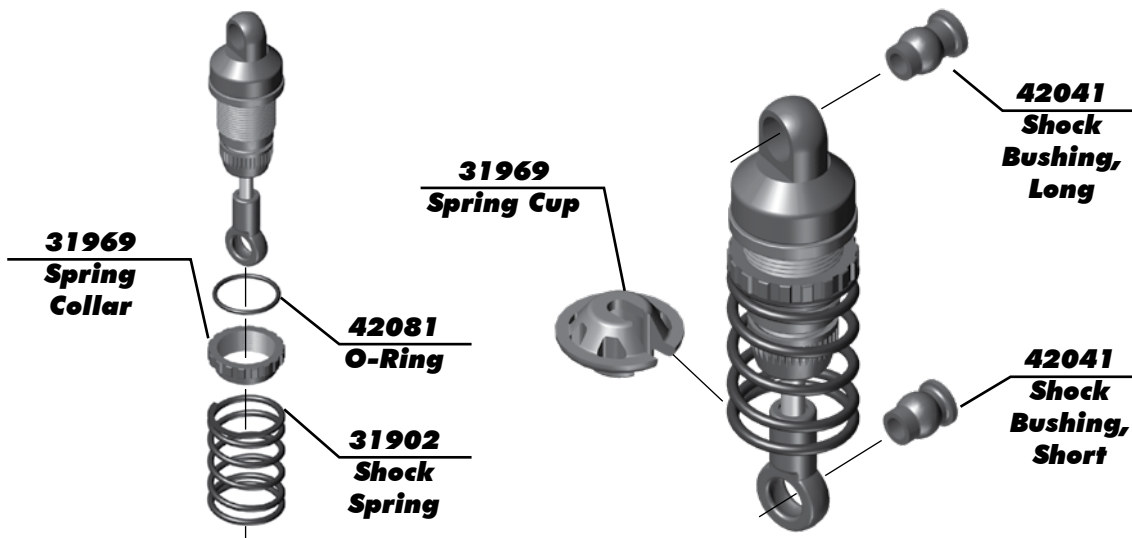
Free
Length

Stroke

Stroke:
12mm

Free Length:
60mm

Step 9-10

:: BAG 1 - Step 3

31969
Spring
Collar

42081
O-Ring

31902
Shock
Spring

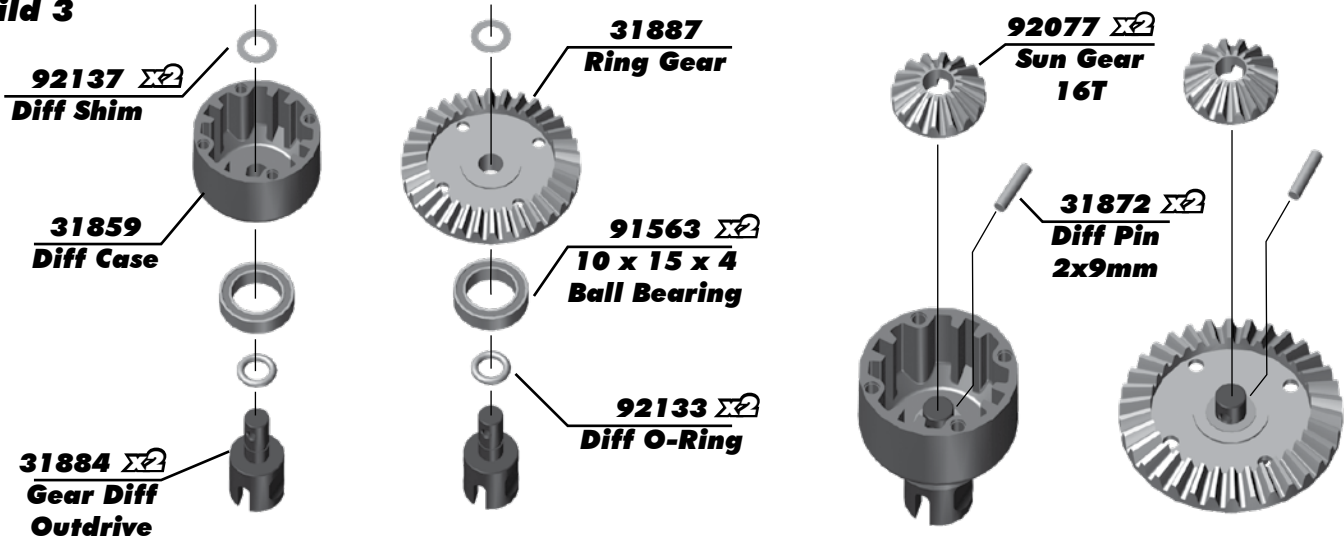
31969
Spring
Cup

42041
Shock
Bushing,
Long

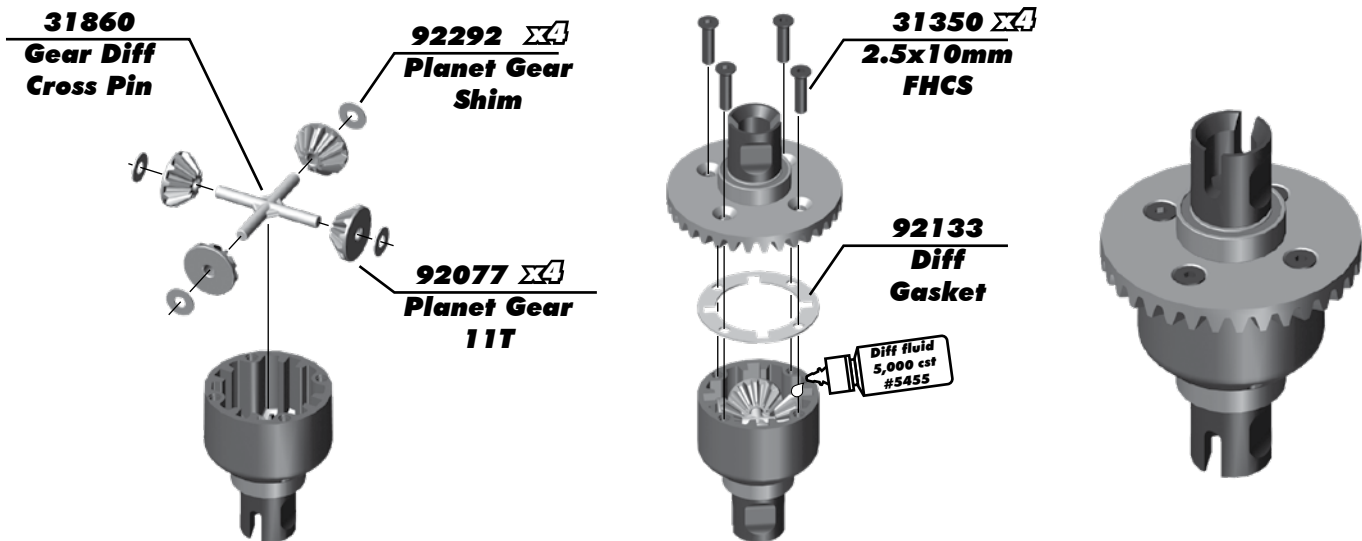
42041
Shock
Bushing,
Short

:: BAG 2 - Step 1

Build 3



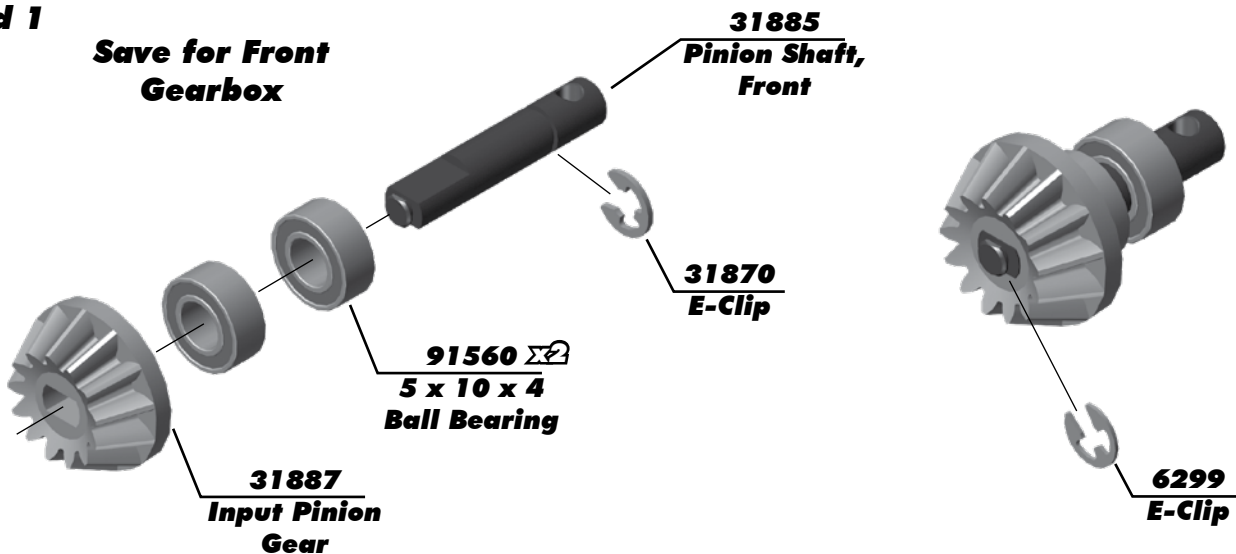
:: BAG 2 - Step 2



:: BAG 2 - Step 3

Build 1

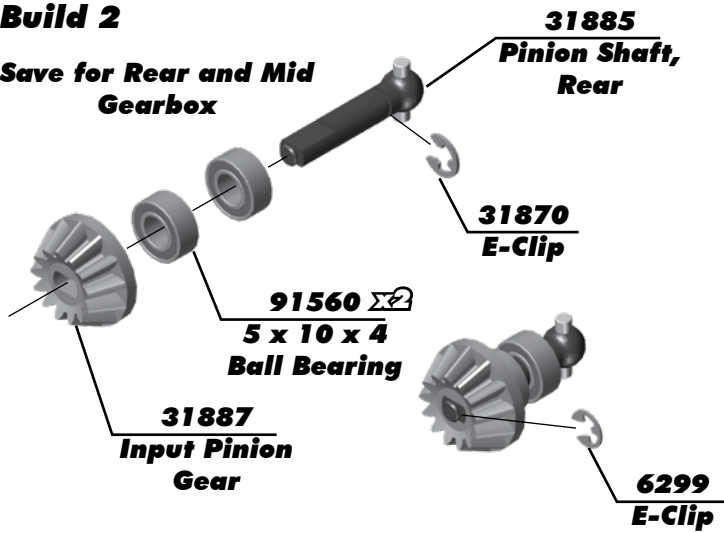
Save for Front Gearbox



:: BAG 2 - Step 4 / Step 5

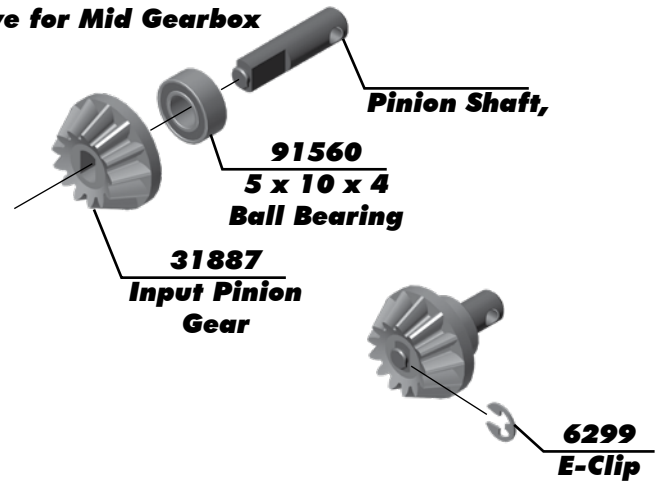
Build 2

Save for Rear and Mid Gearbox



Build 1

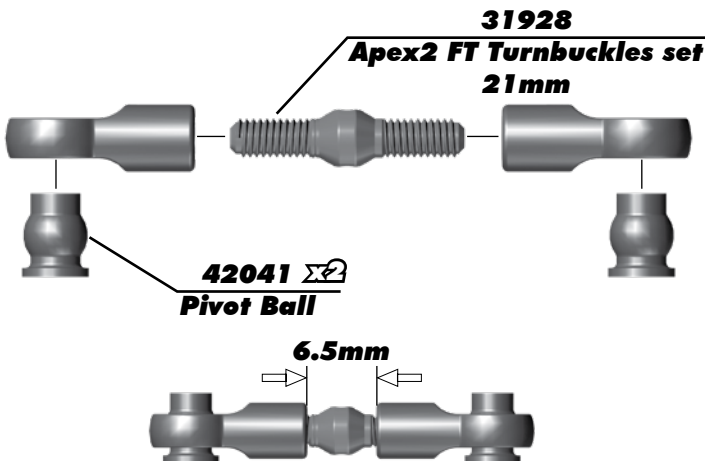
Save for Mid Gearbox



:: BAG 3 - Step 1

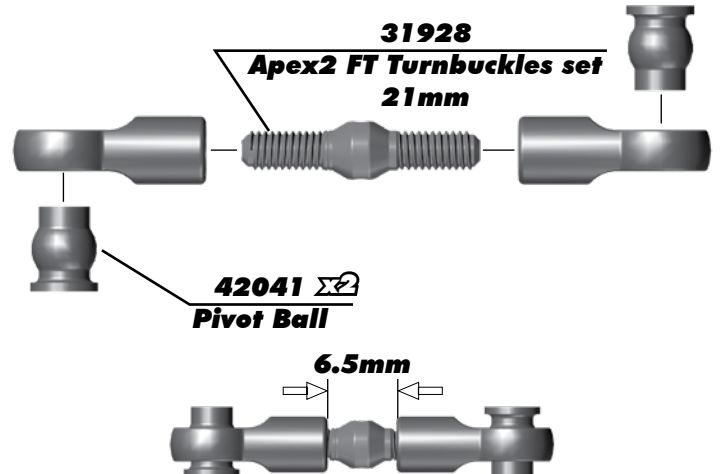
Build 2

Front Turnbuckles



Build 4

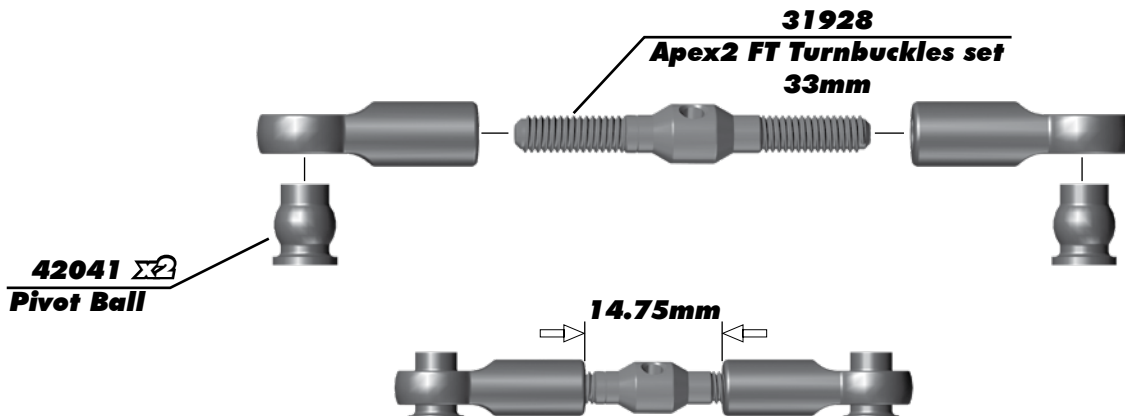
Rear Turnbuckles



:: BAG 3 - Step 2

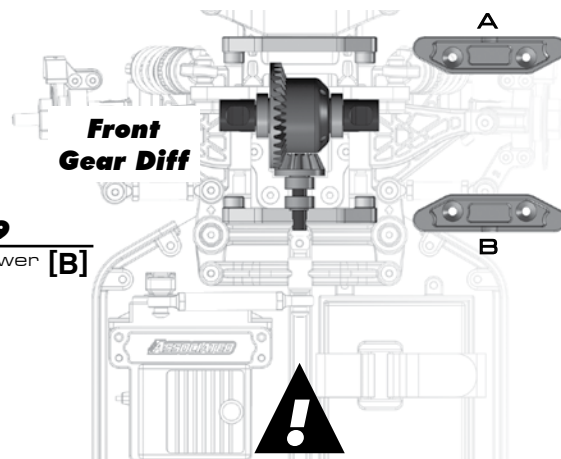
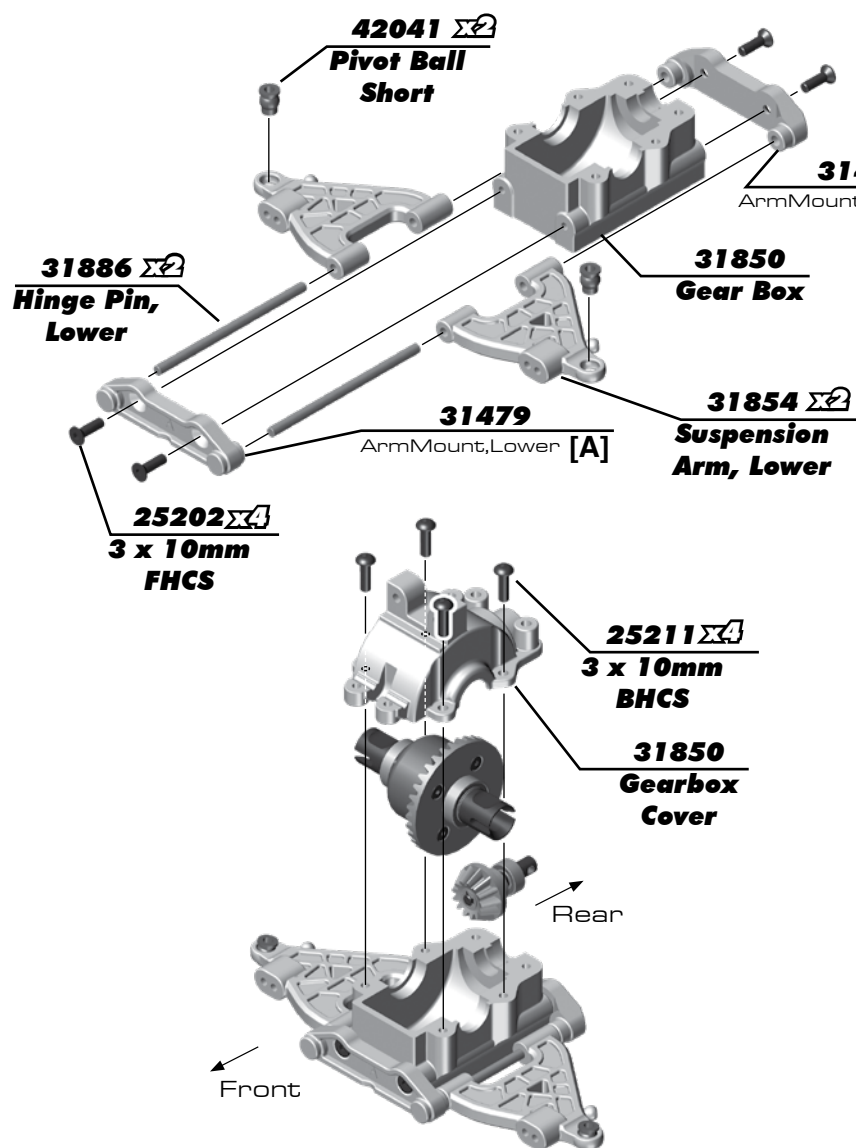
Build 1

Steering Turnbuckle

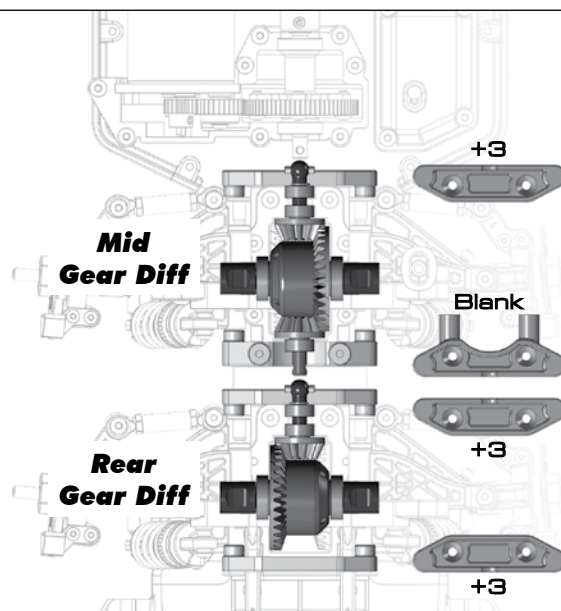


:: BAG 4 - Step 1

Build 1 for Front ⚠ Use "A" and "B" for Front gear diff

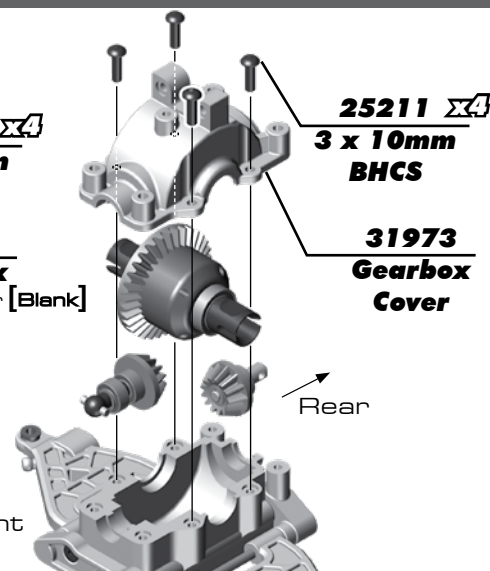
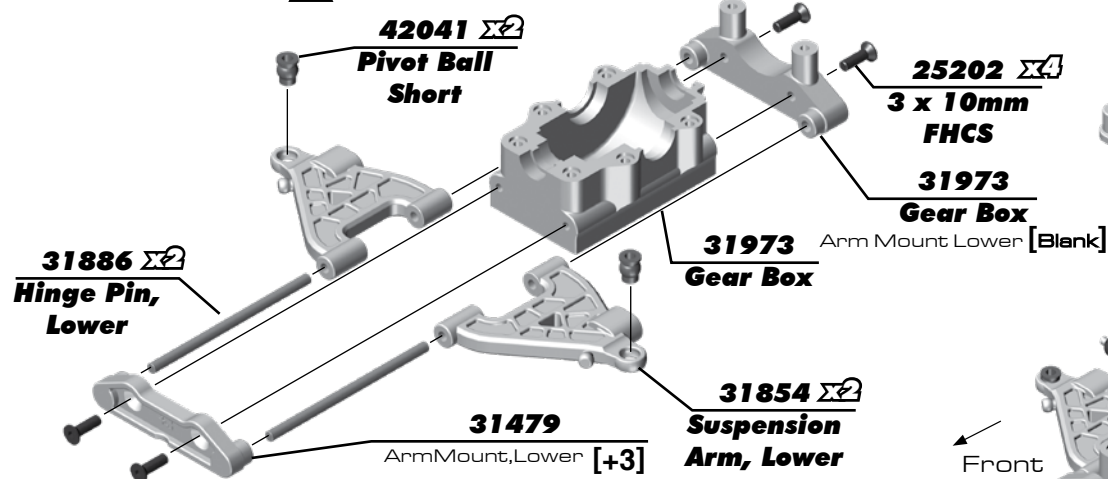


Please make sure the ring gear and suspension arms are positioned correctly.



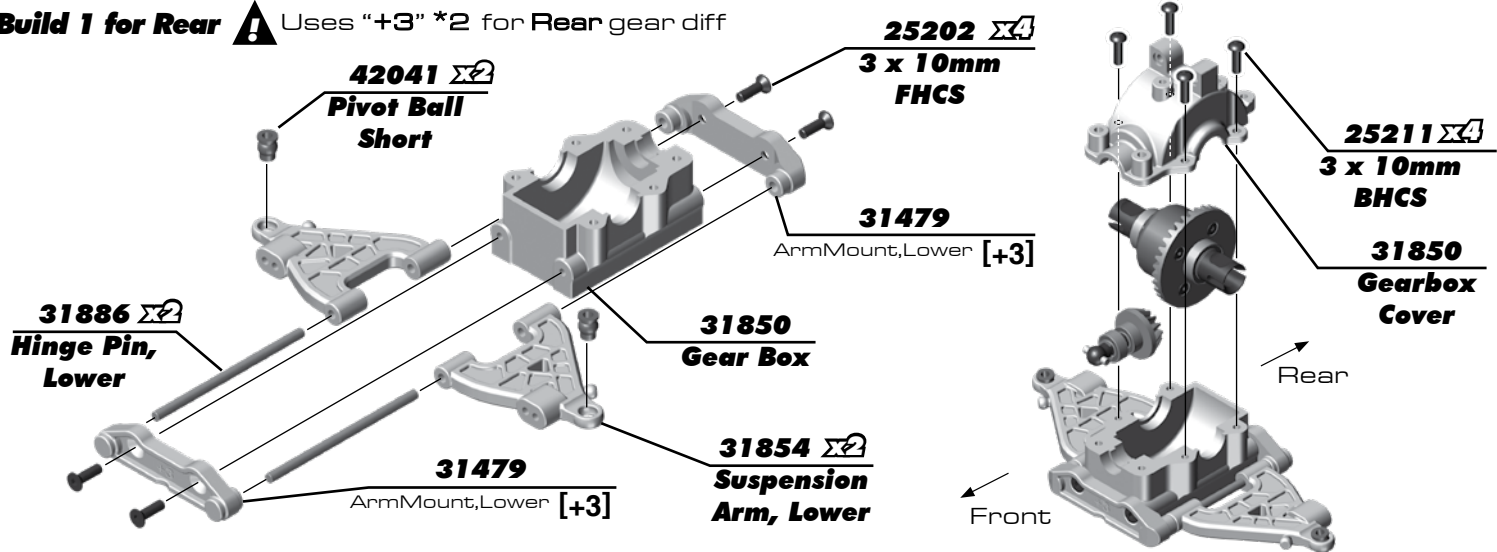
:: BAG 4 - Step 2

Build 1 for mid ⚠ Uses "+3" and Blank for Mid gear diff



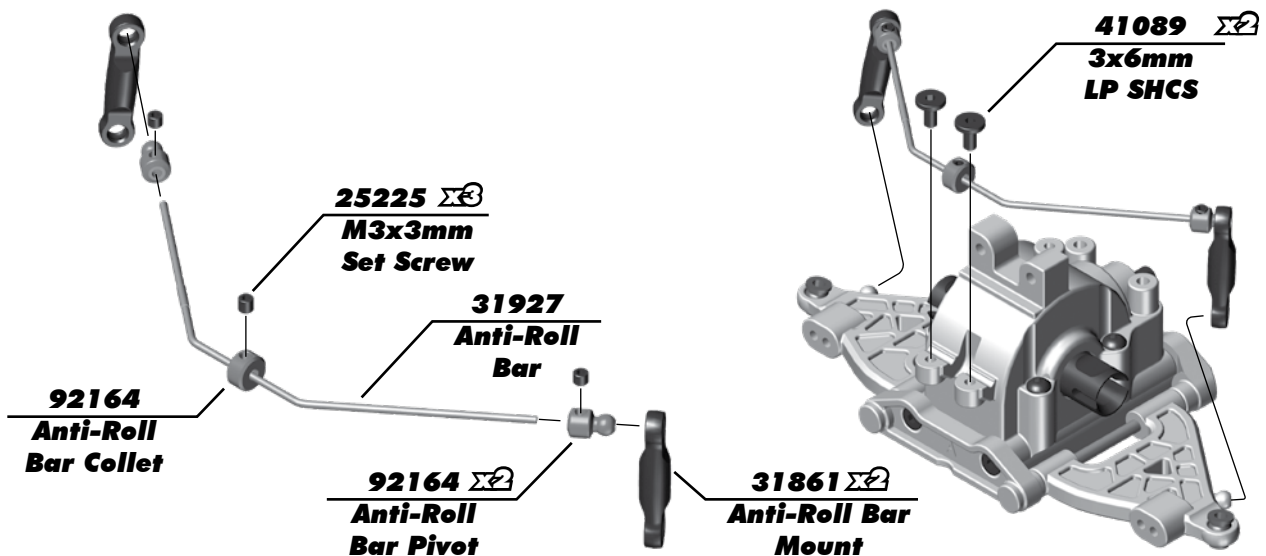
:: BAG 4 - Step 3

Build 1 for Rear ⚠ Uses "+3" *2 for Rear gear diff



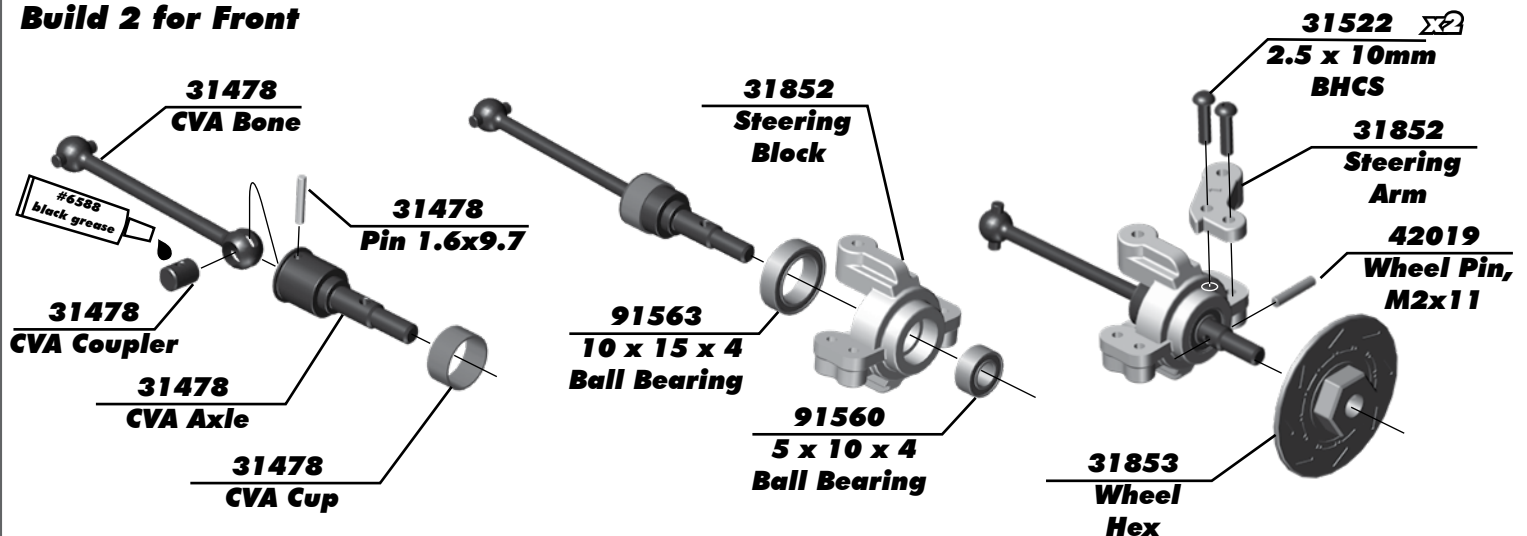
:: BAG 4 - Step 4

Build 2 For Front and Rear



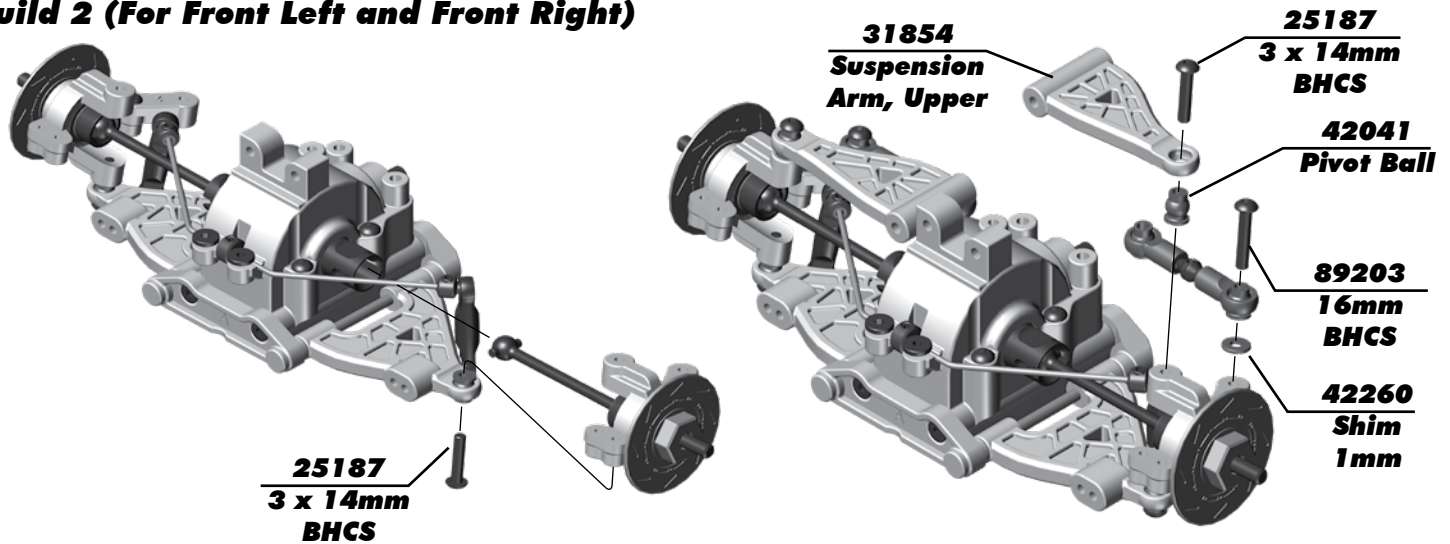
:: BAG 4 - Step 5

Build 2 for Front

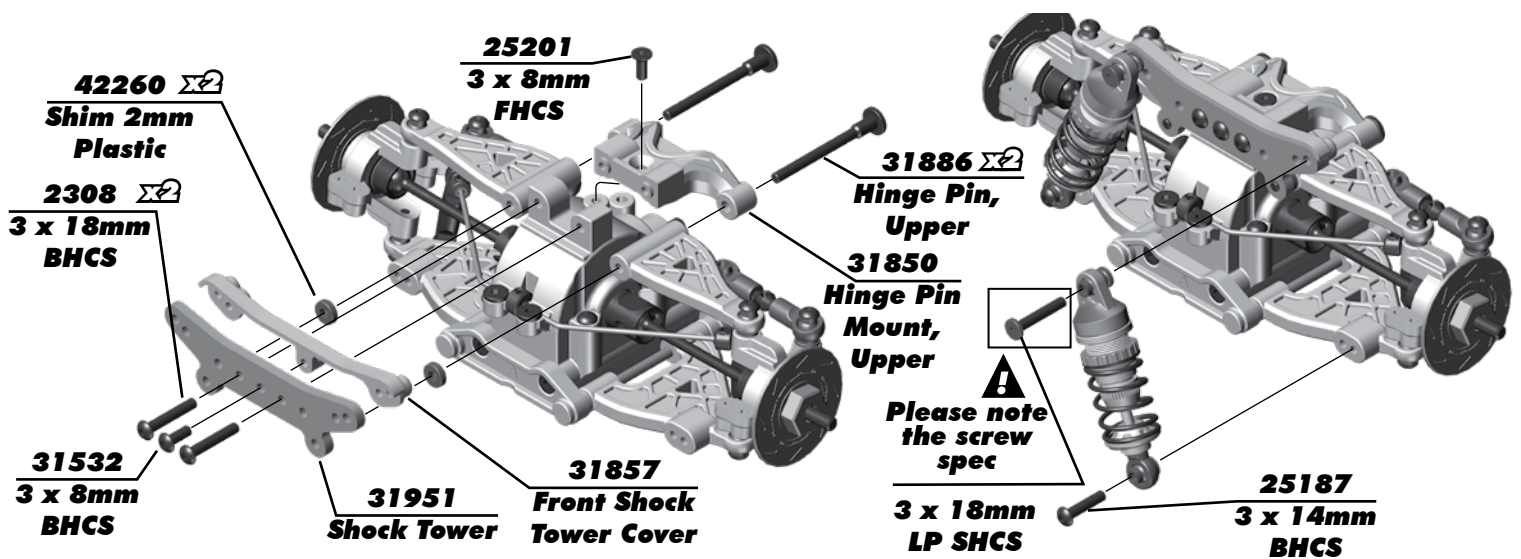


⚡ BAG 4 - Step 6

Build 2 (For Front Left and Front Right)

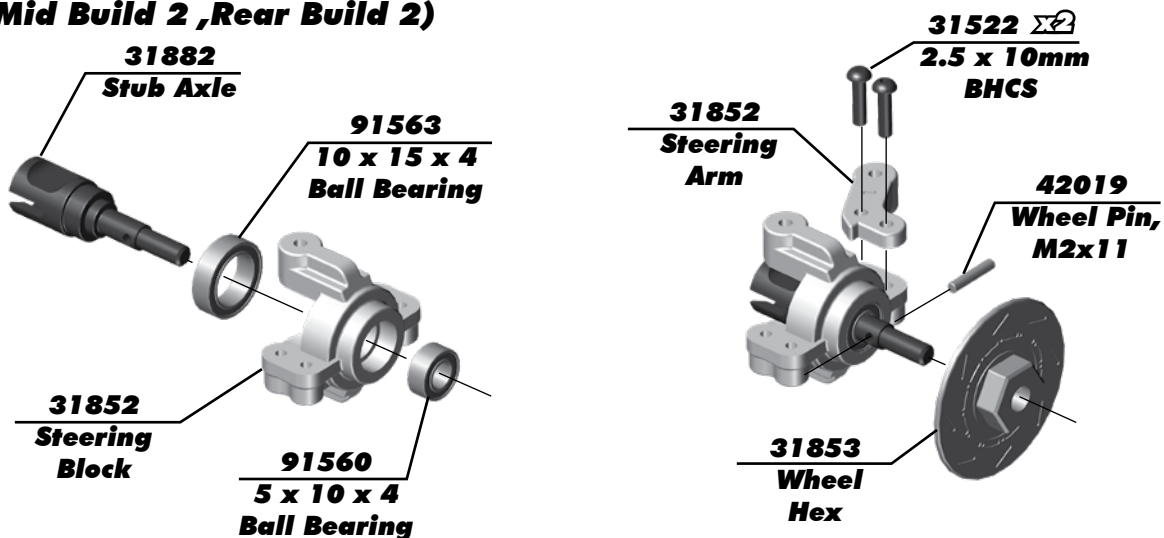


⚡ BAG 4 - Step 7

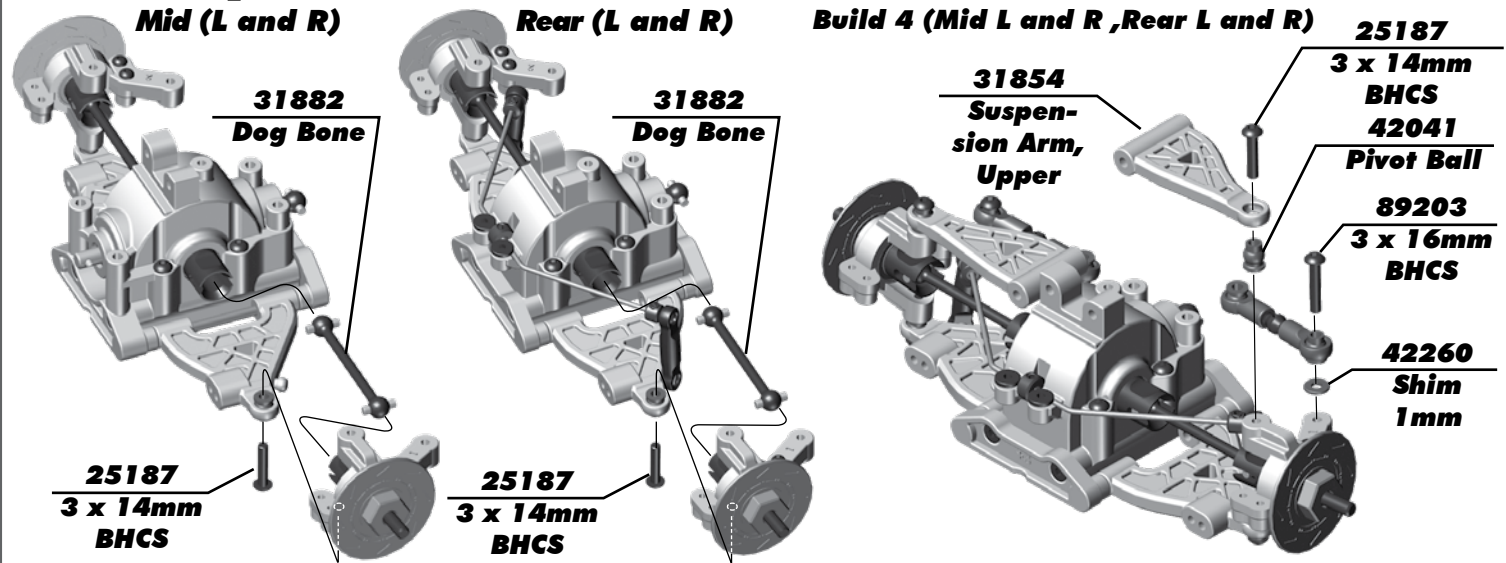


⚡ BAG 4 - Step 8

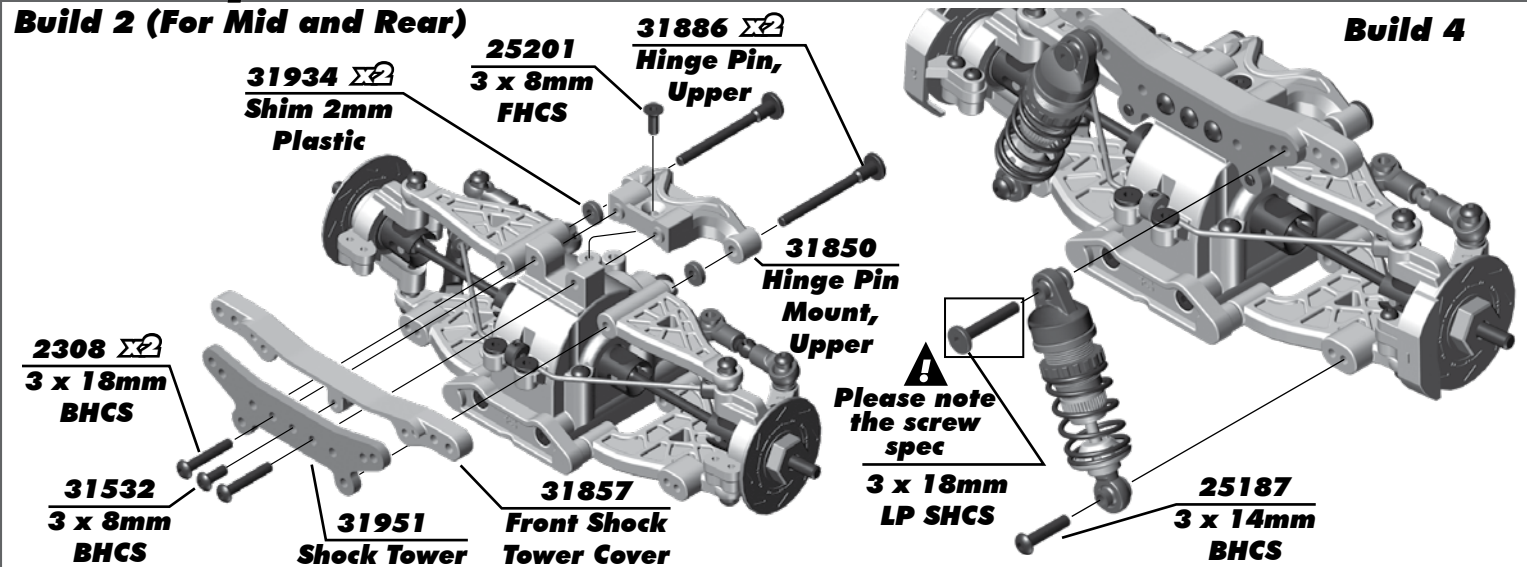
Build 4 (Mid Build 2 ,Rear Build 2)



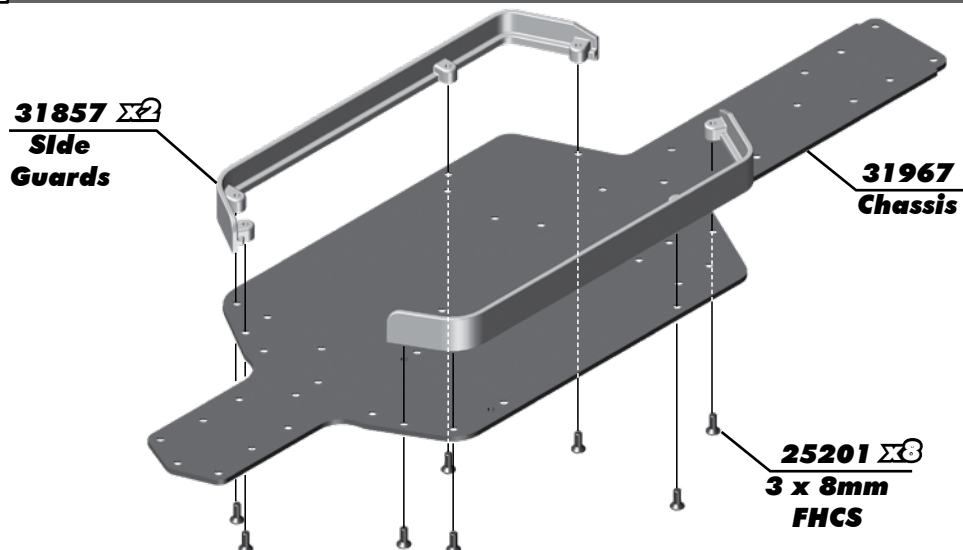
:: BAG 4 - Step 9

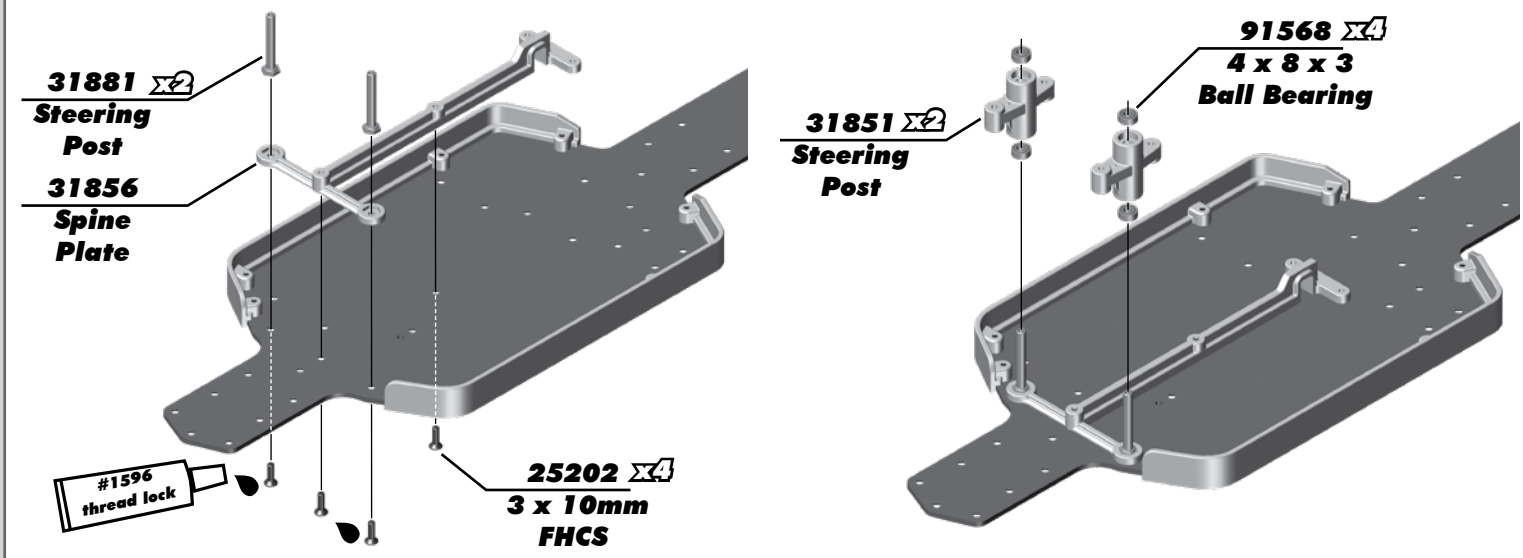
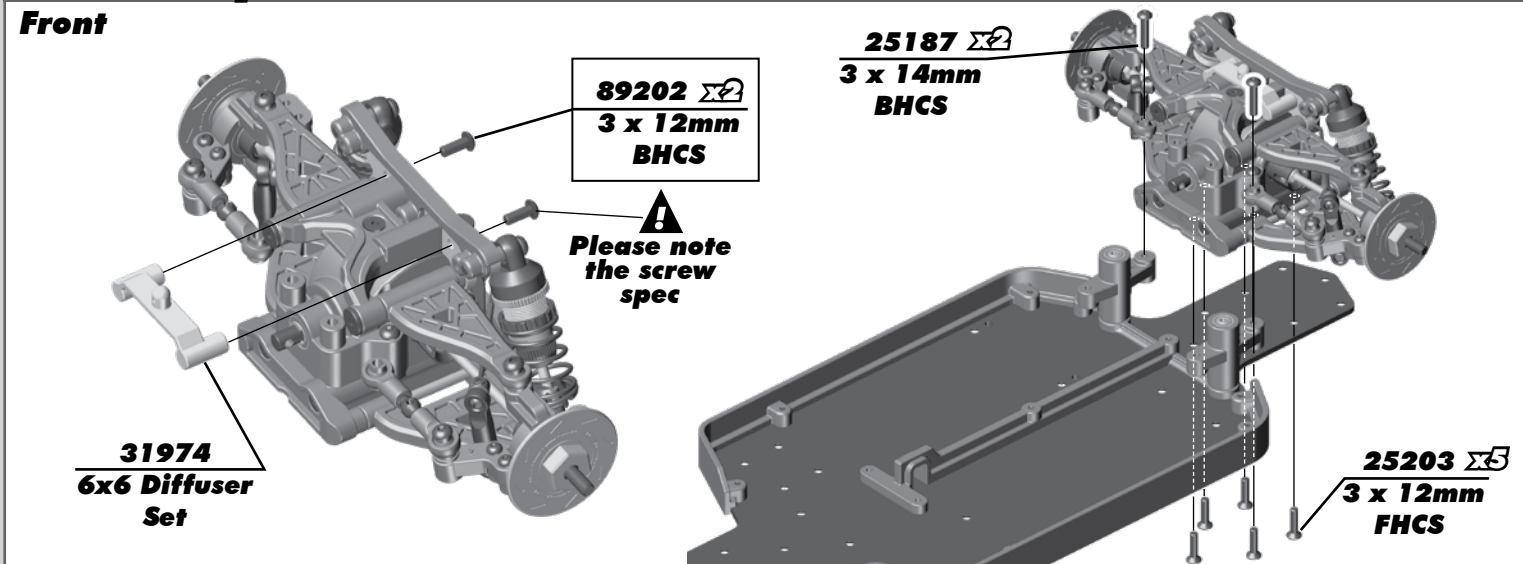
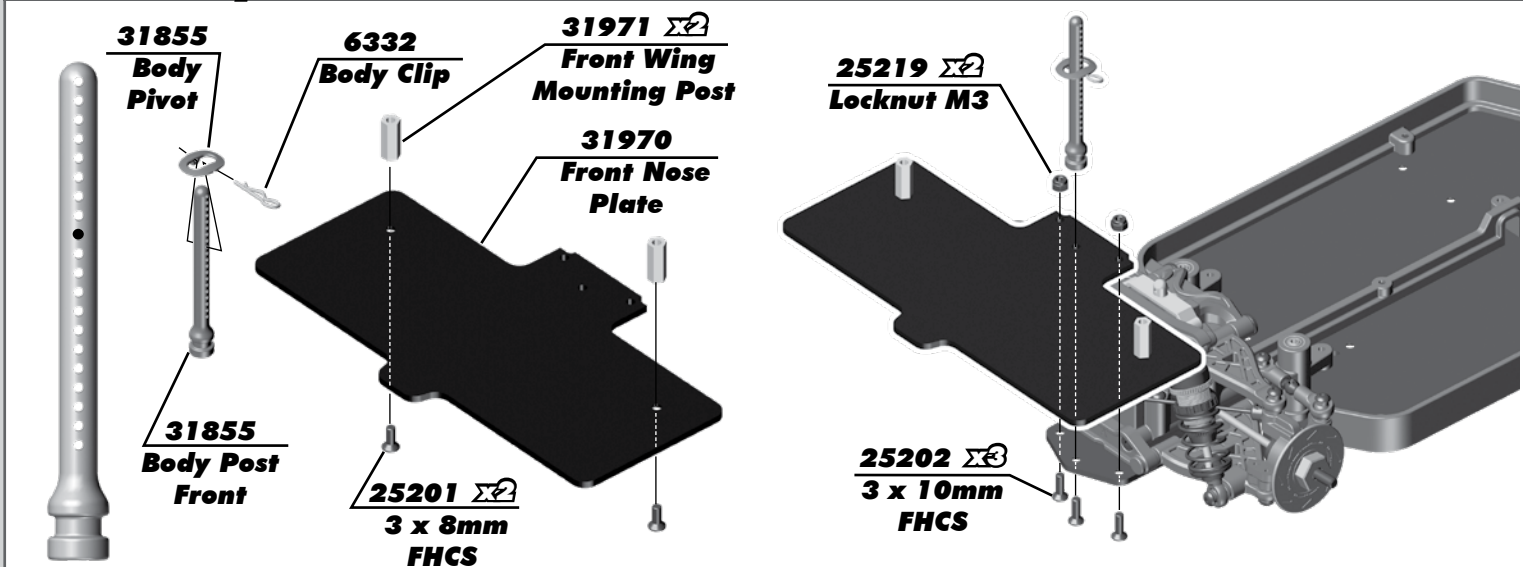


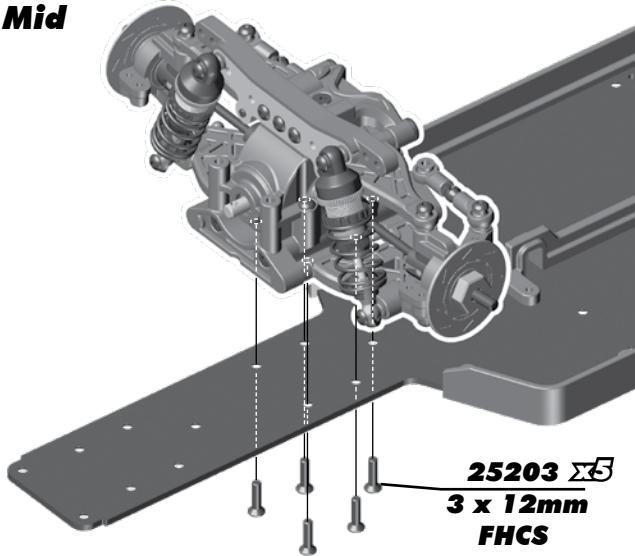
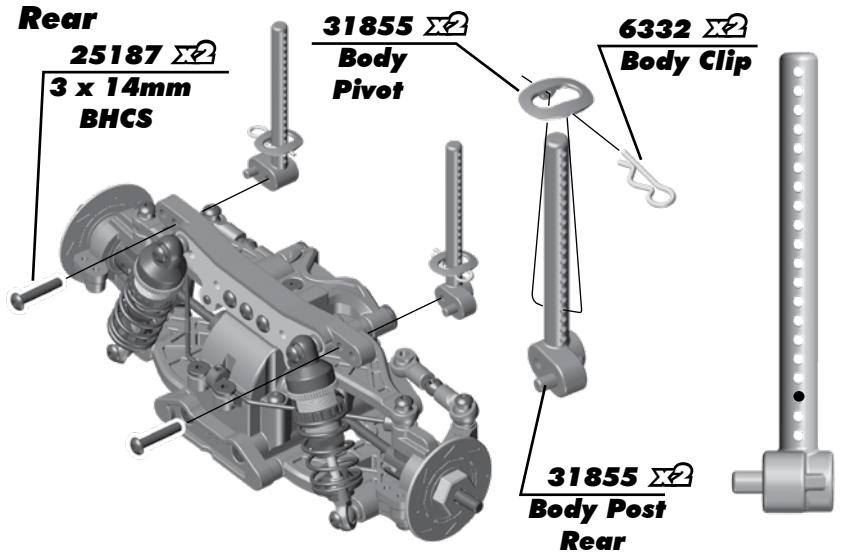
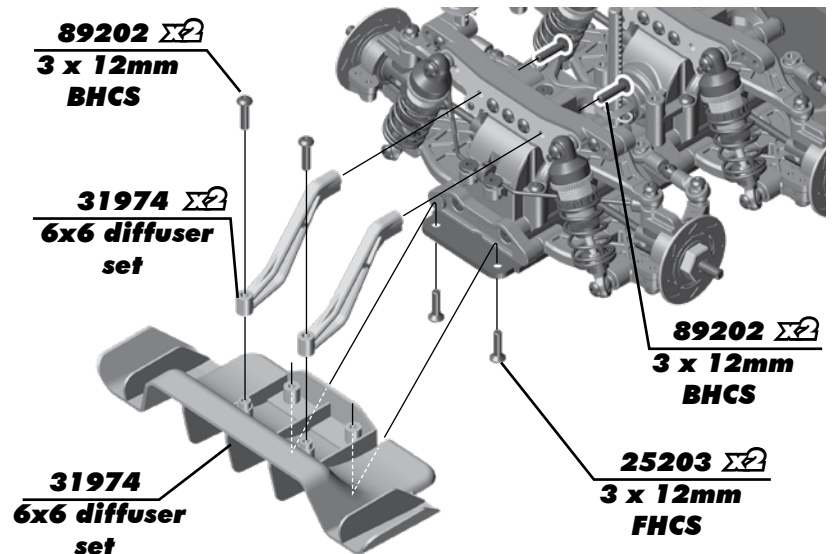
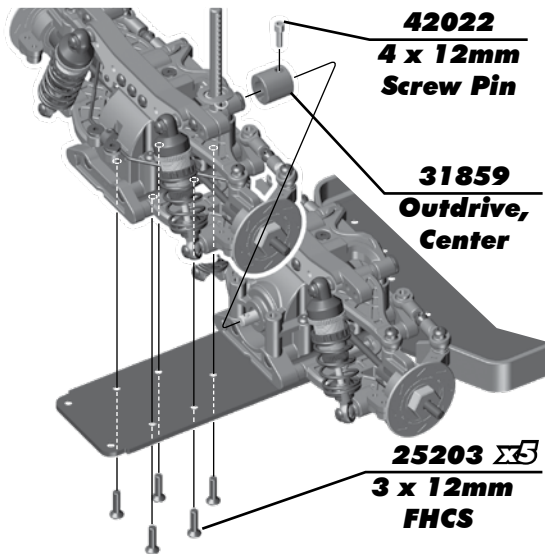
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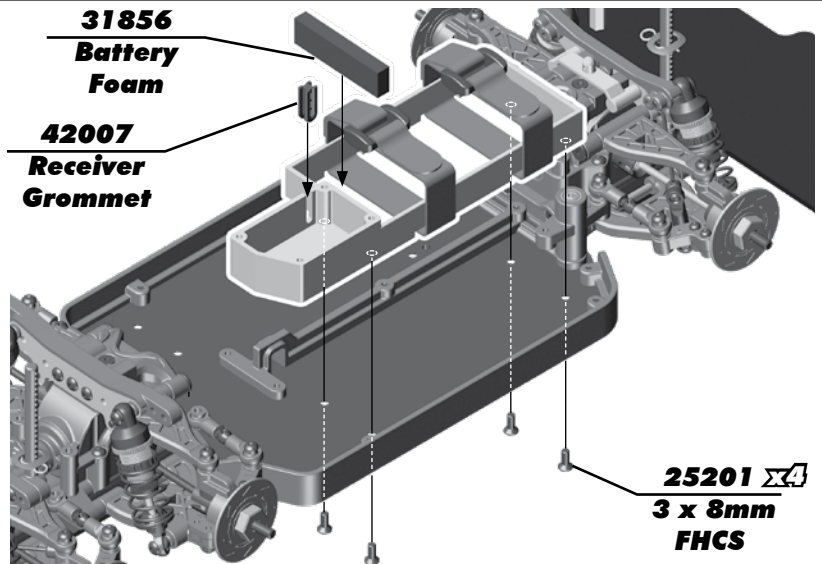
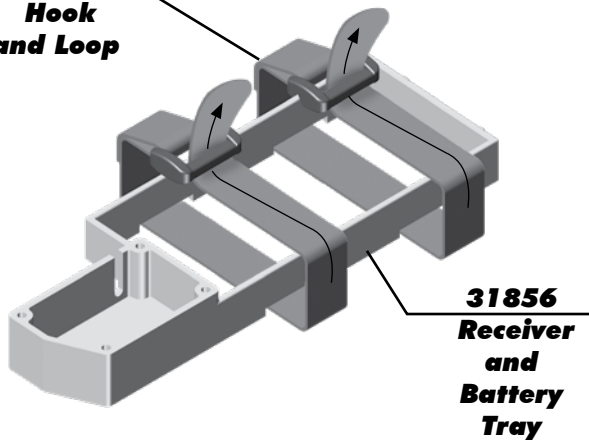
:: BAG 4 - Step 11



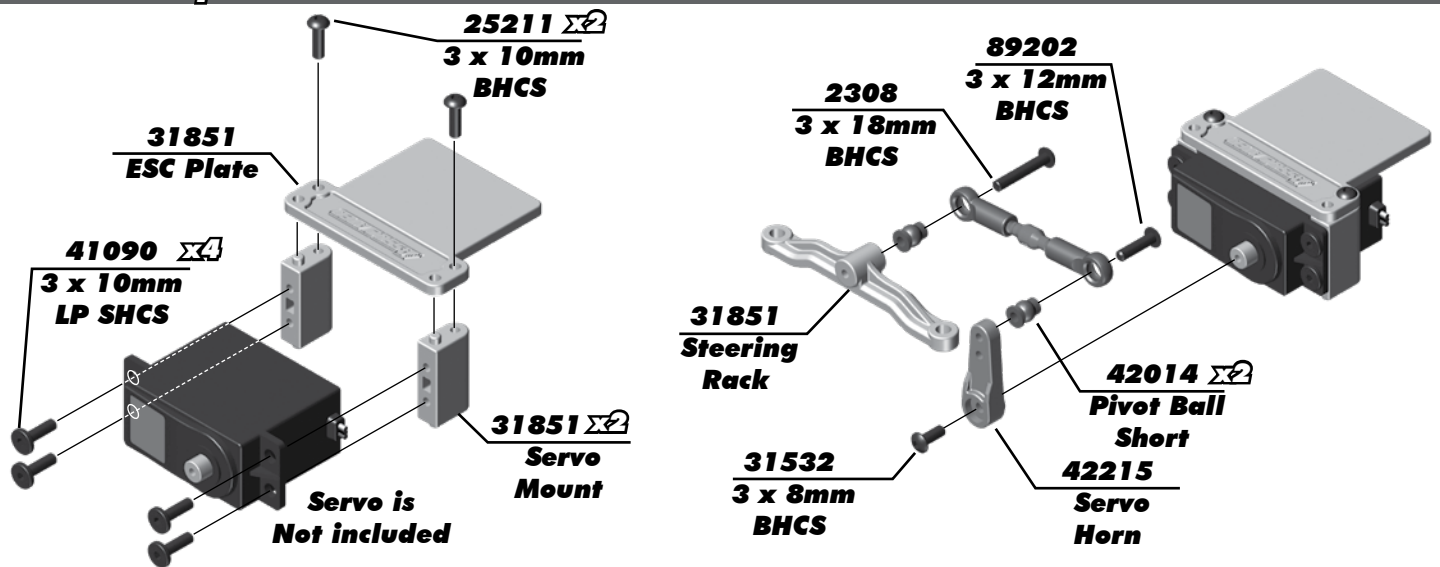
:: BAG 5 - Step 1**:: BAG 5 - Step 2****Front****:: BAG 5 - Step 3**

:: BAG 5 - Step 4**Mid****Rear****:: BAG 5 - Step 5****Rear****:: BAG 5 - Step 6**

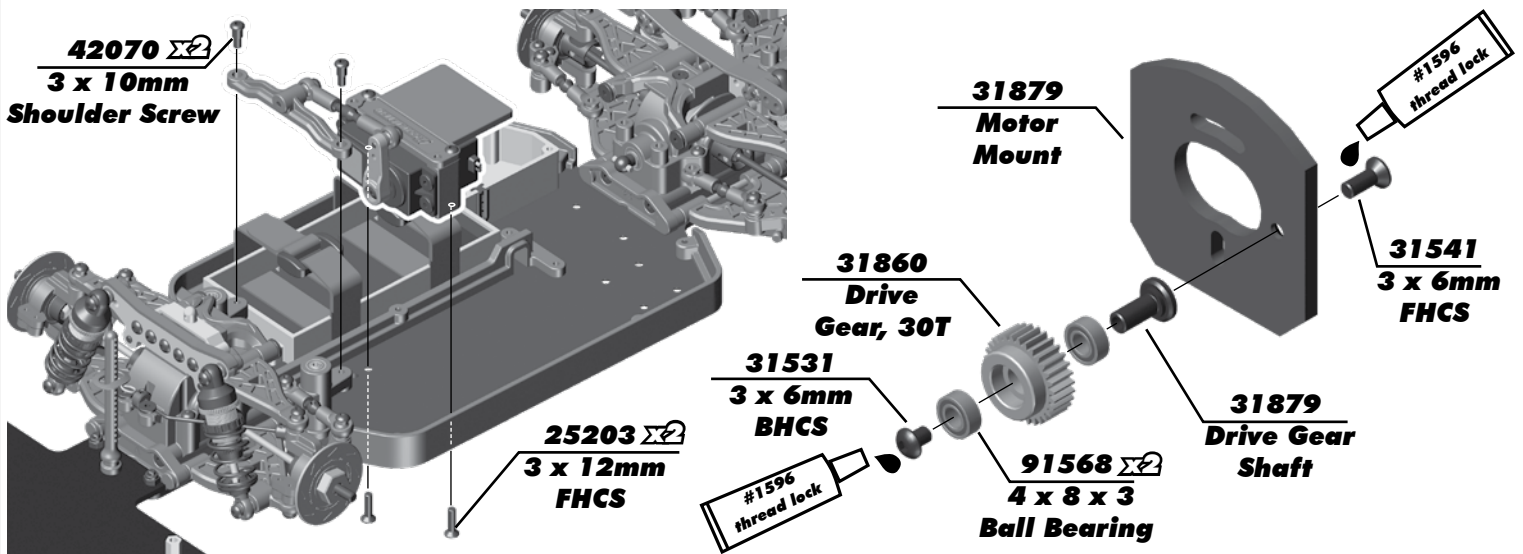
71050 $\Sigma 2$
Hook
and Loop



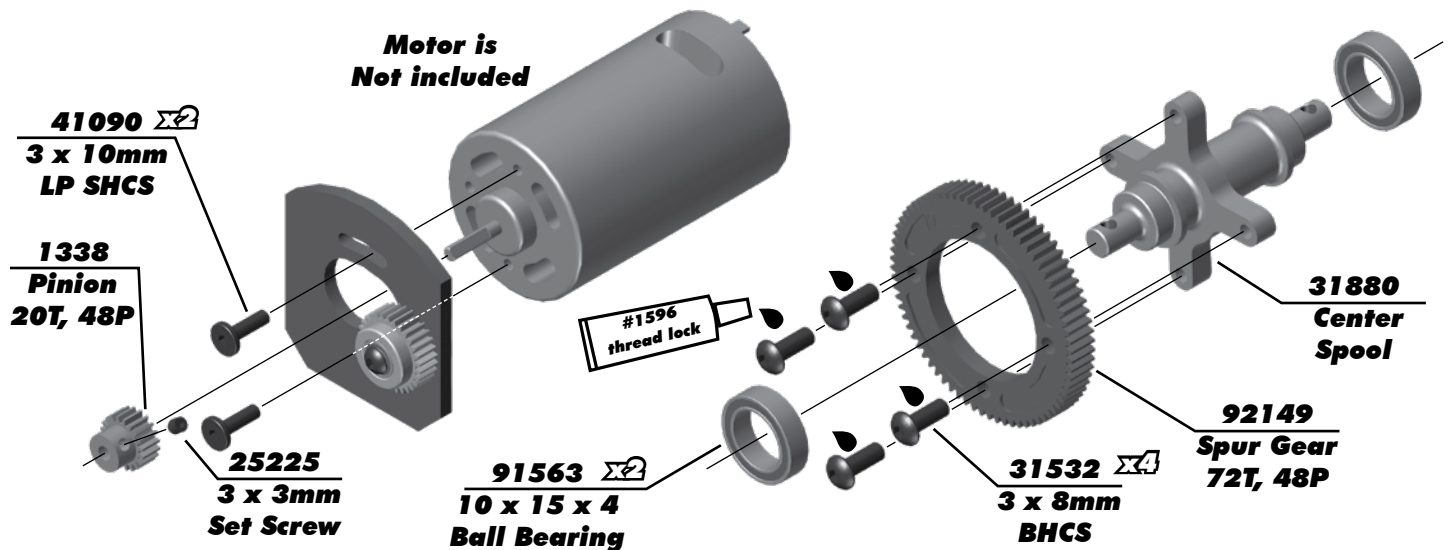
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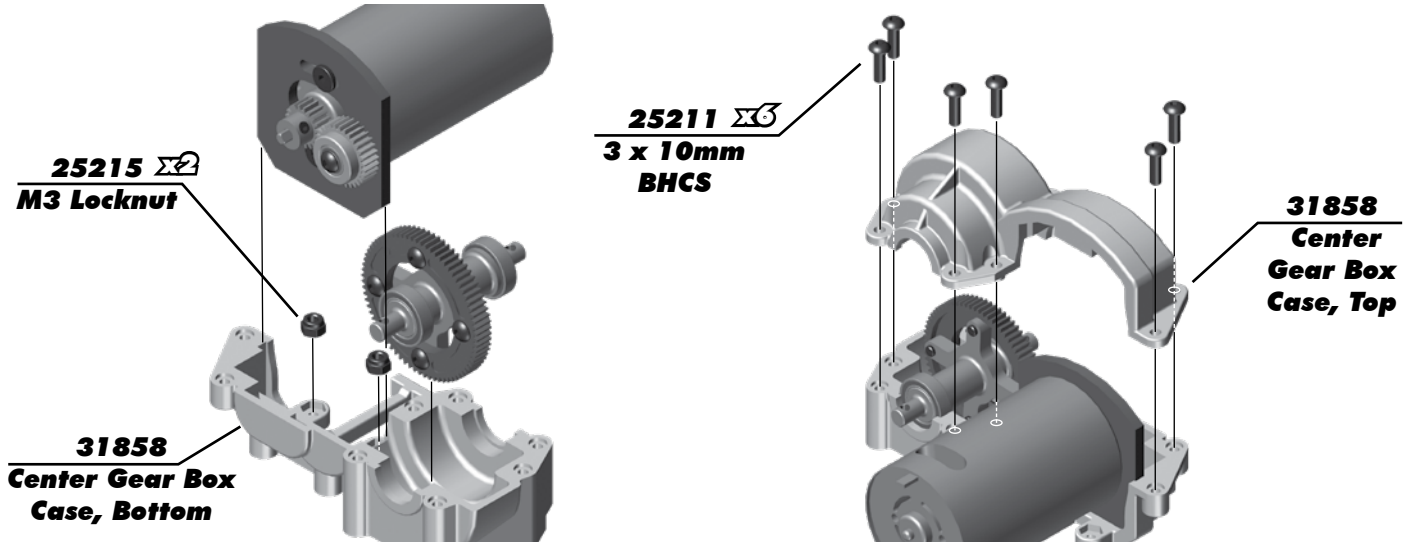
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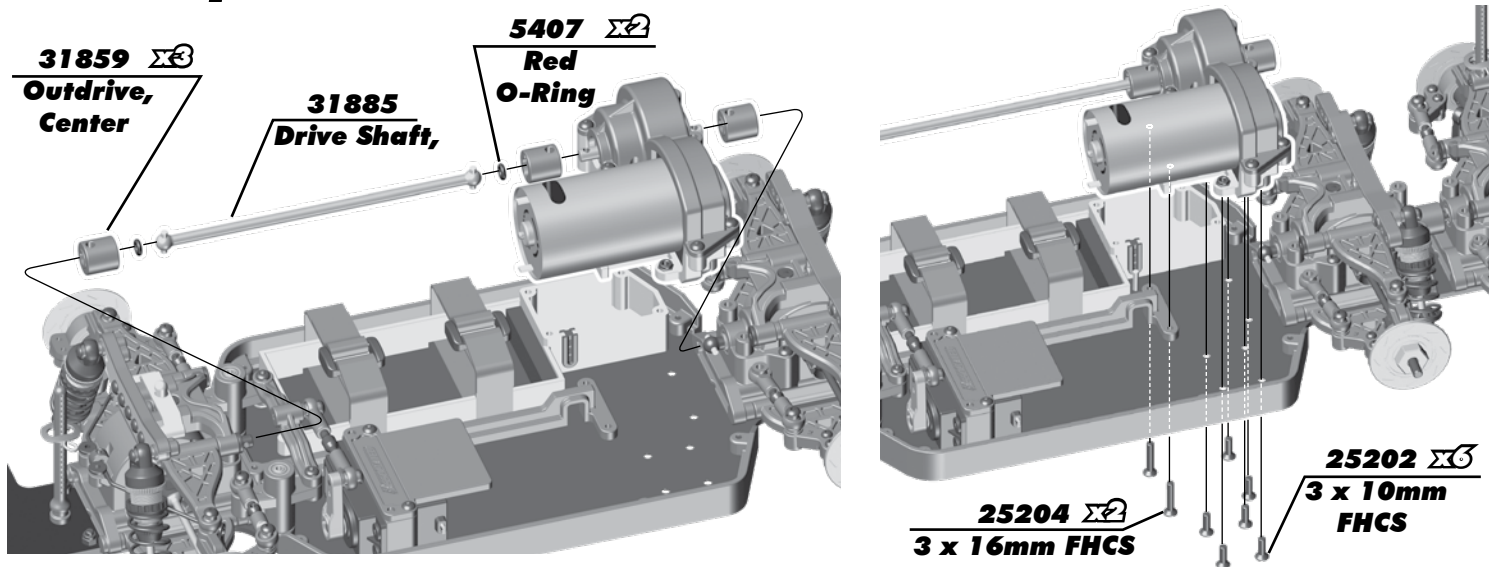
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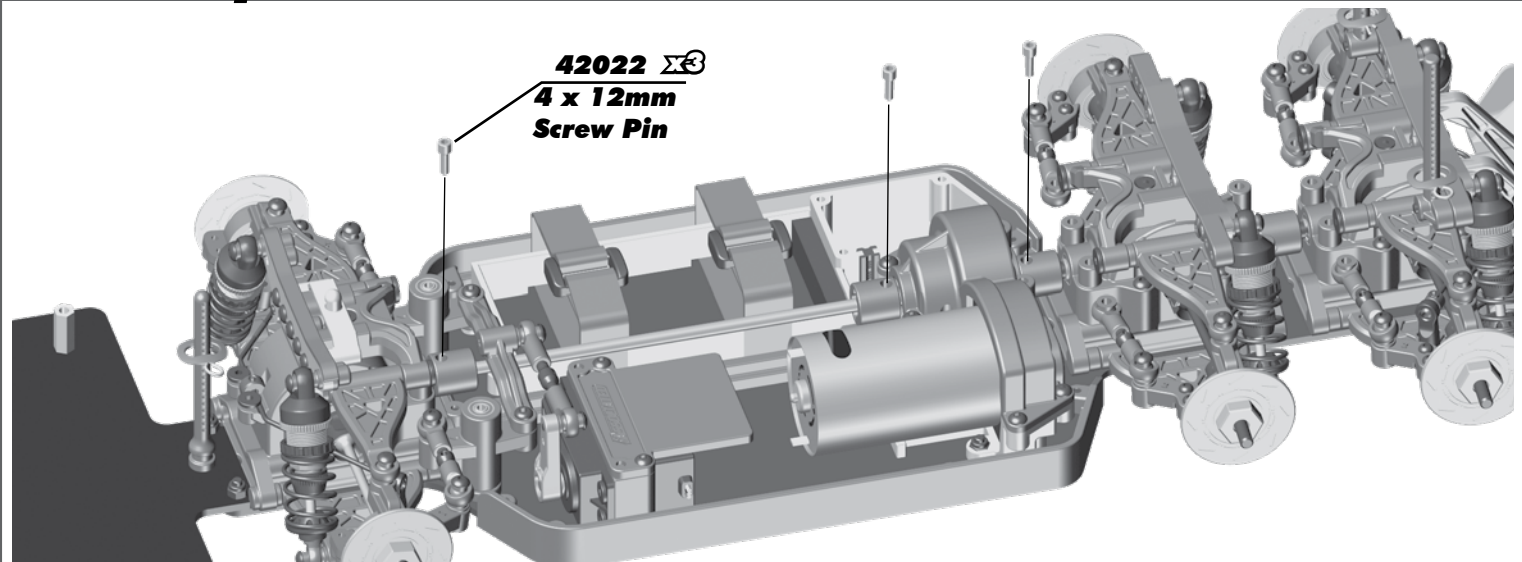
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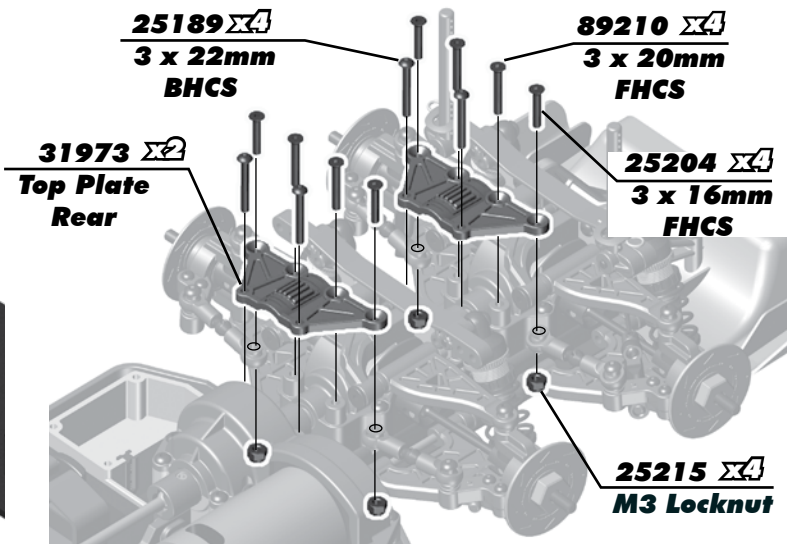
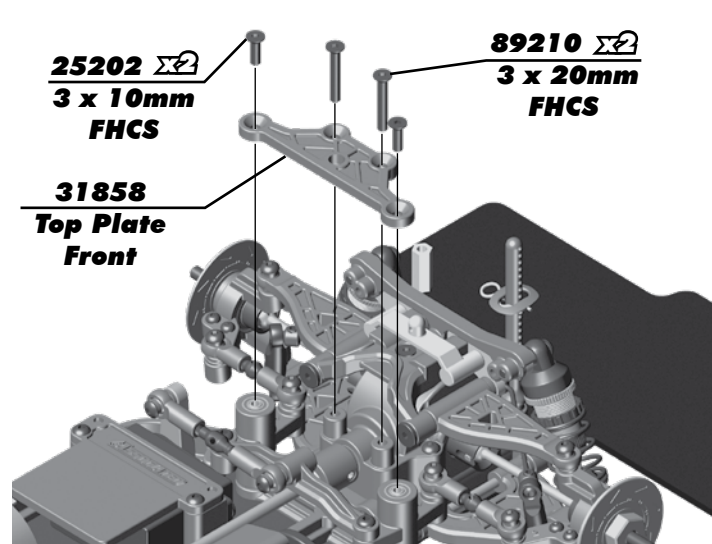
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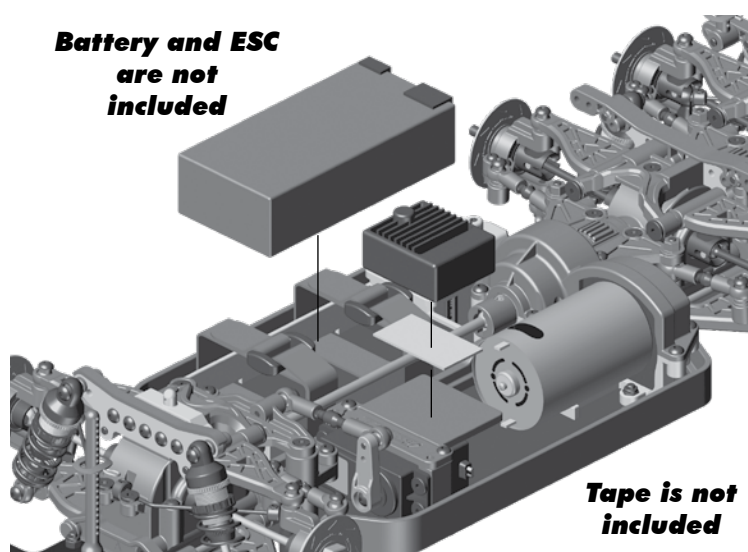
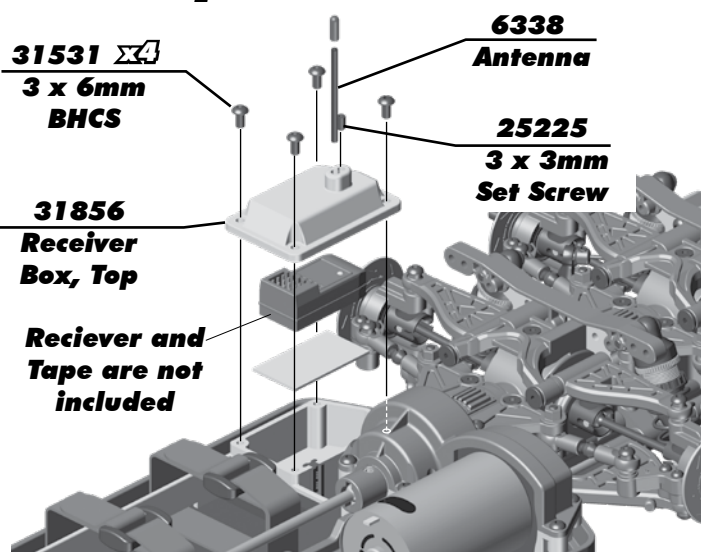
:: BAG 6 - Step 6



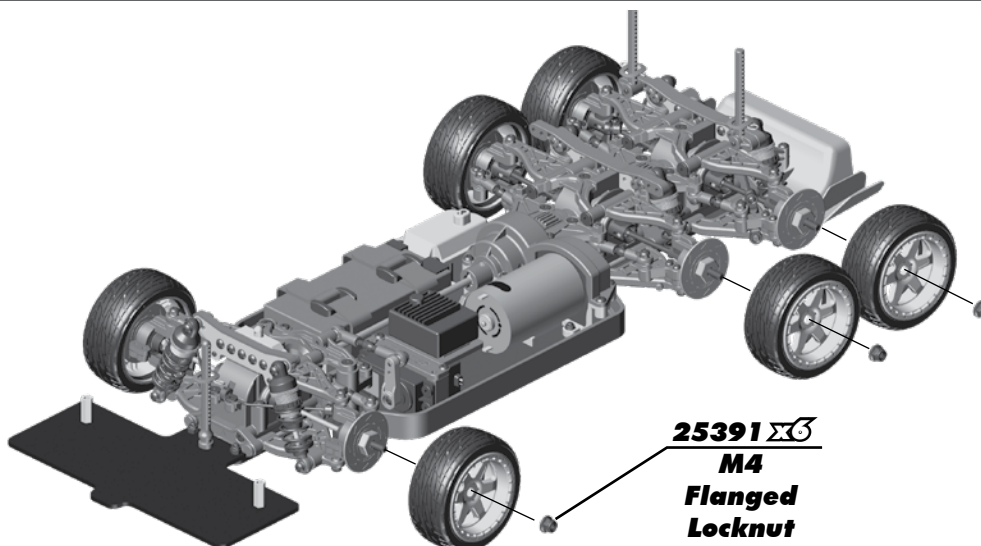
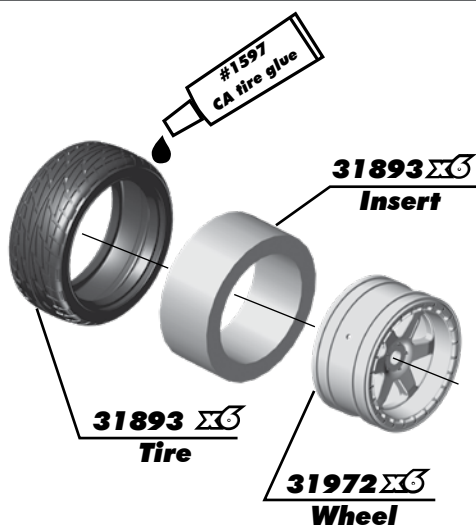
:: BAG 6 - Step 7



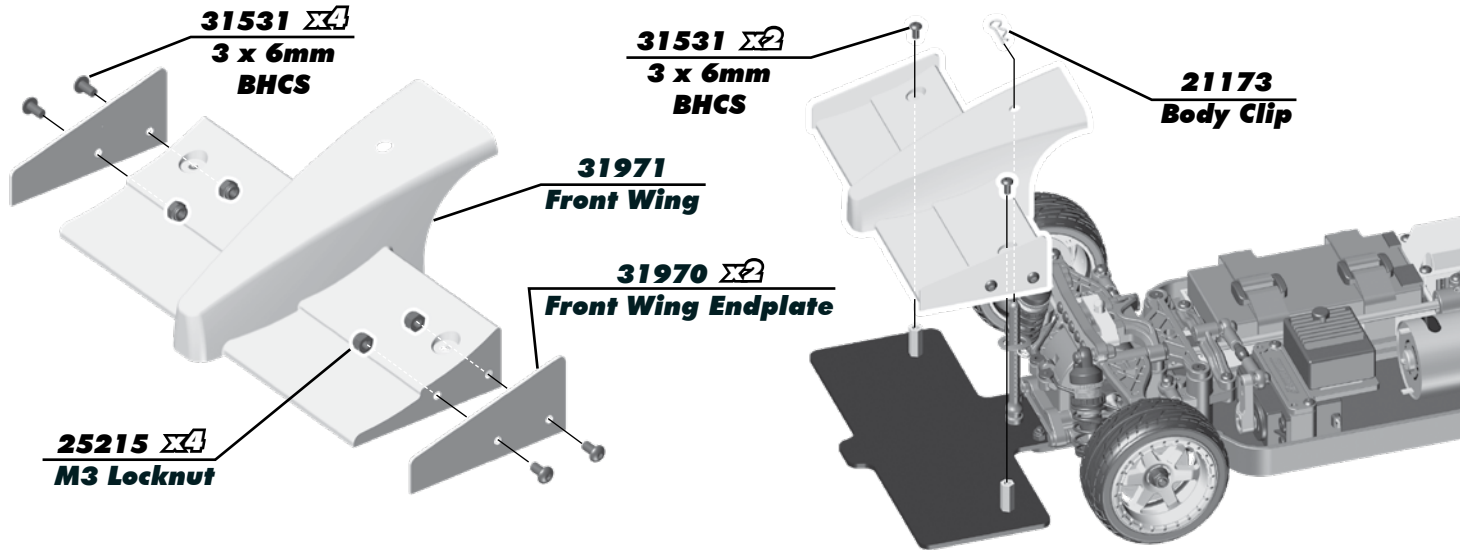
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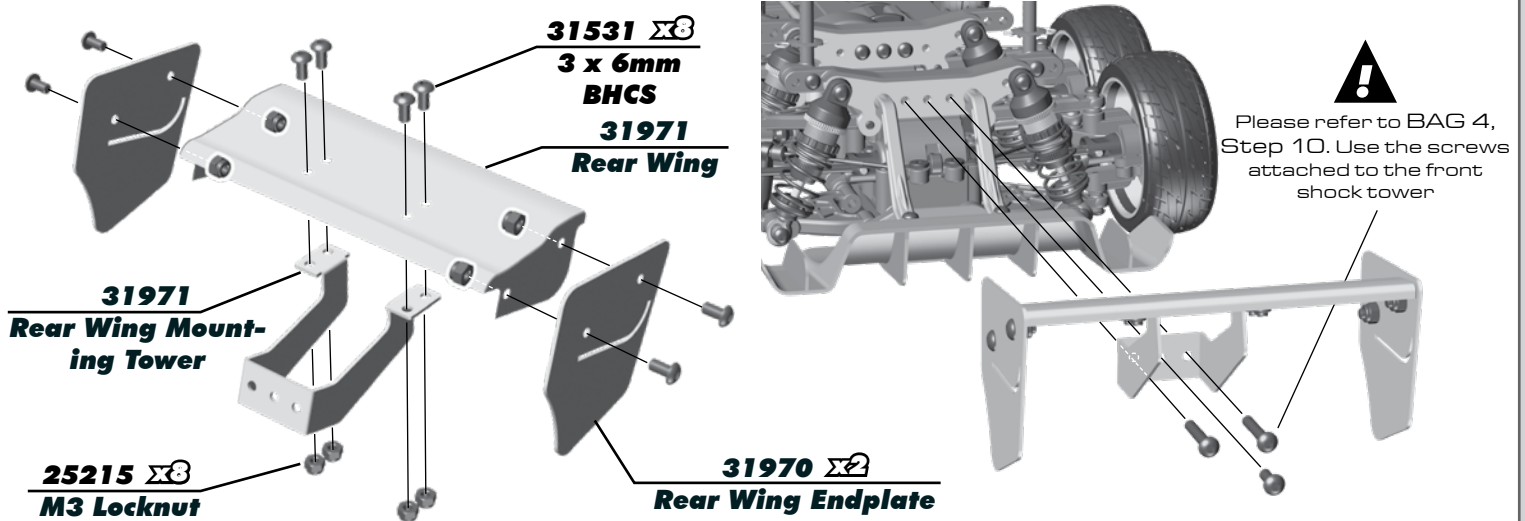
:: TIRE AND WHEEL



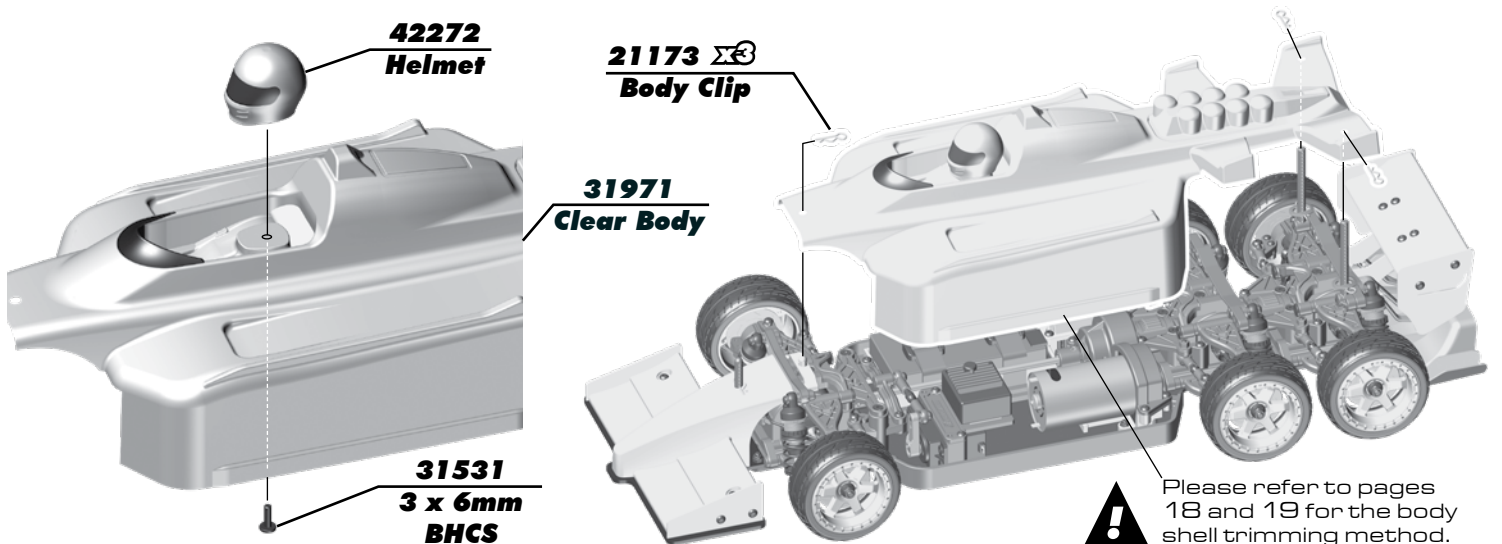
:: BAG 7- Step 1



:: BAG 7 - Step 2

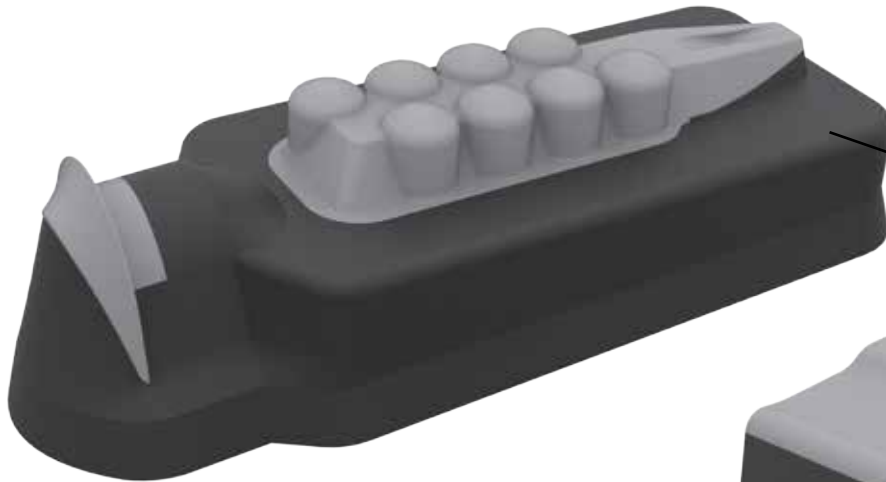


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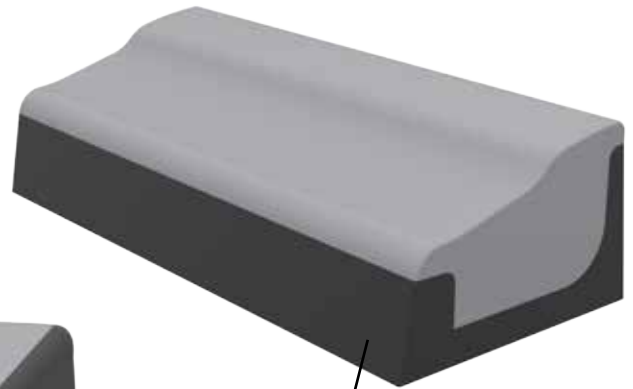


:: Body Build - Step 1

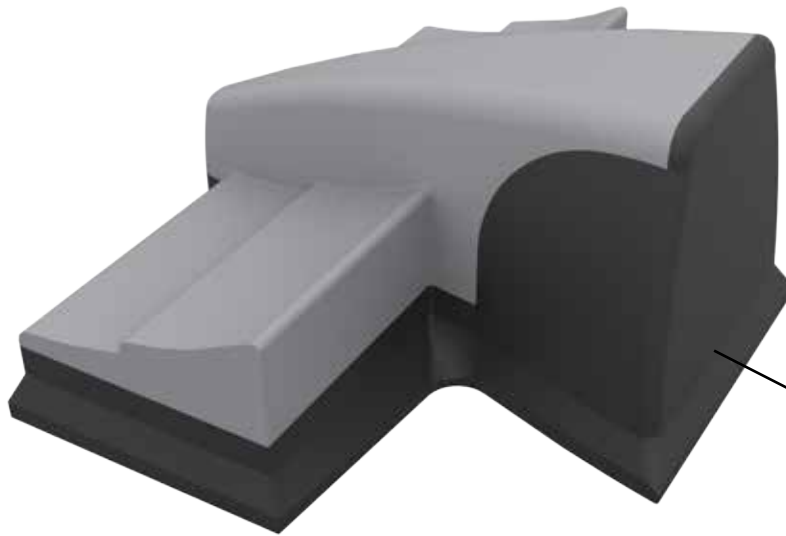
NOTE: Trim the deep gray portion



 **Cut Away**



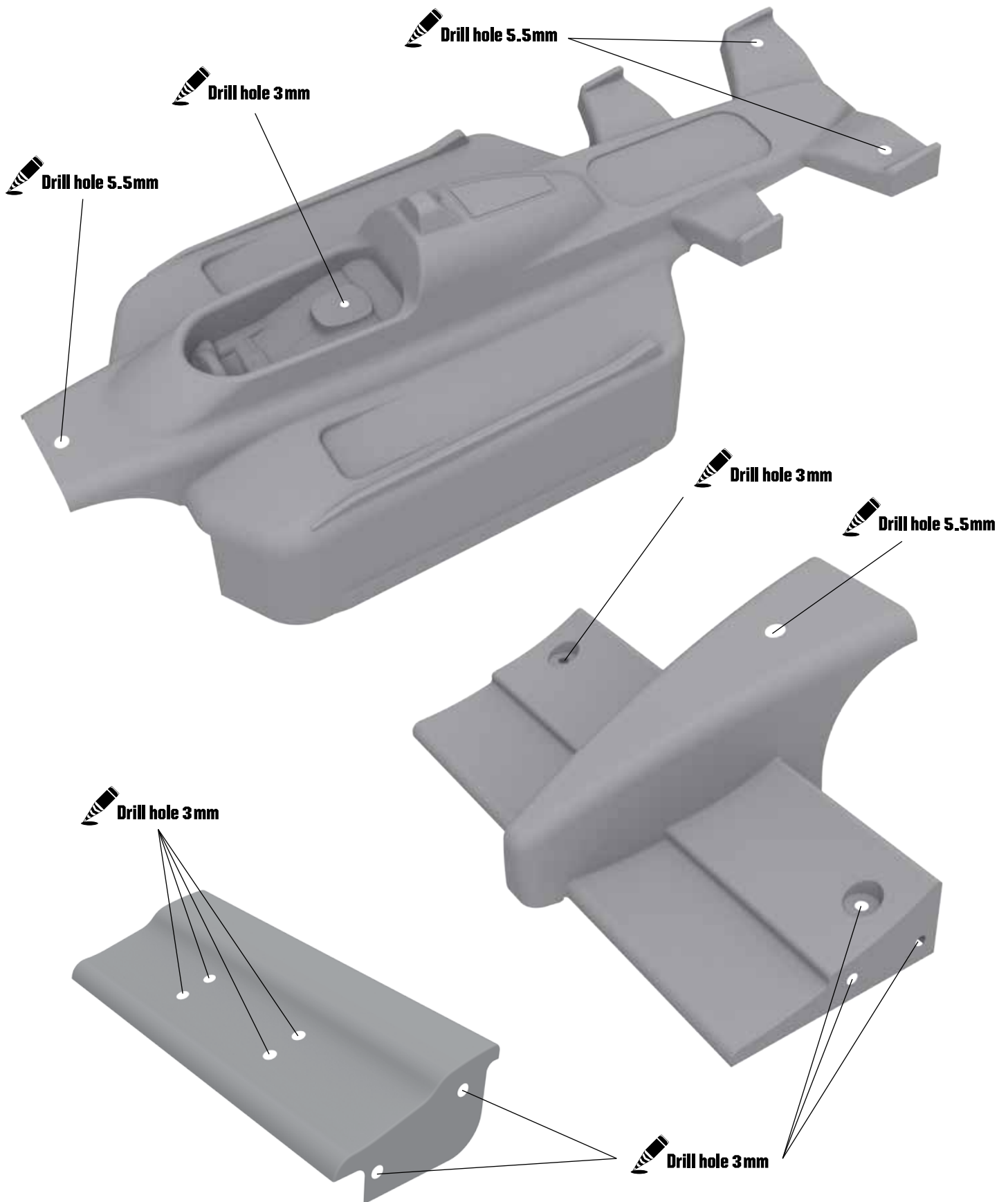
 **Cut Away**



 **Cut Away**



 **Cut Away**

:: Body Build - Step 2

:: Body Build - Step 3



NOTE: Remove protective film before applying decals.



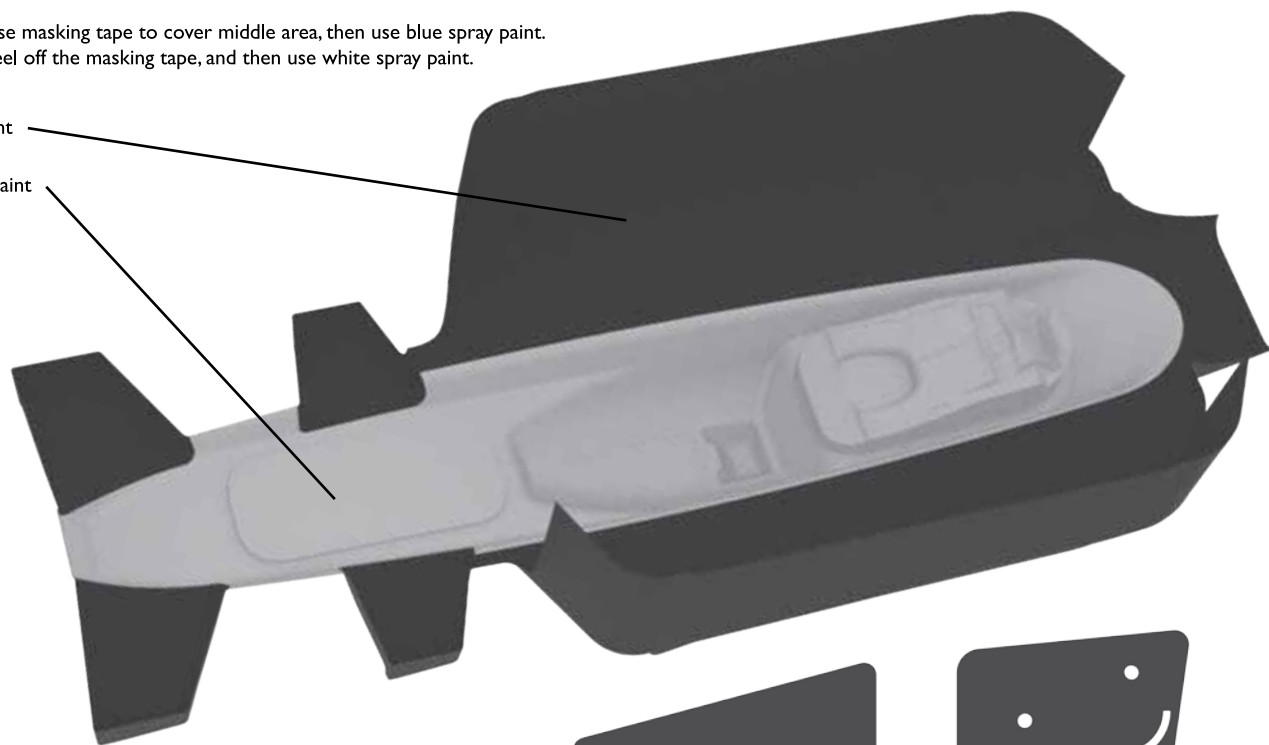
NOTE: Use masking tape to cover middle area, then use blue spray paint. Peel off the masking tape, and then use white spray paint.



Blue spray paint



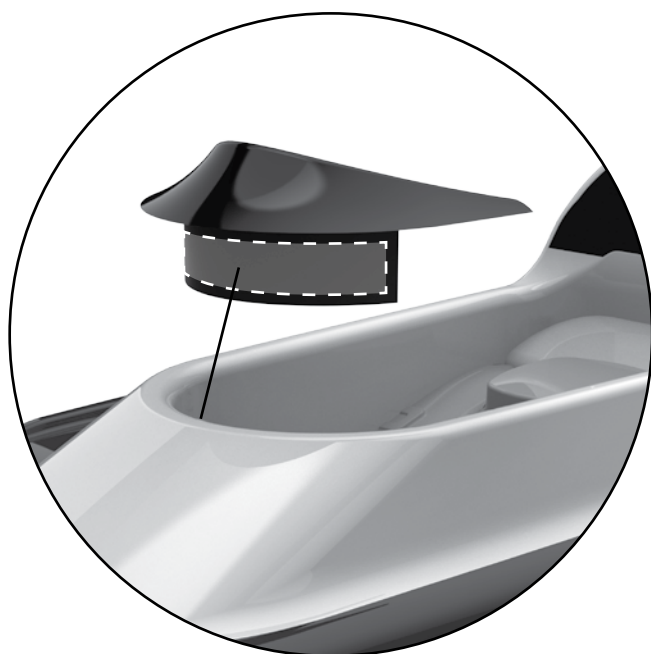
White spray paint



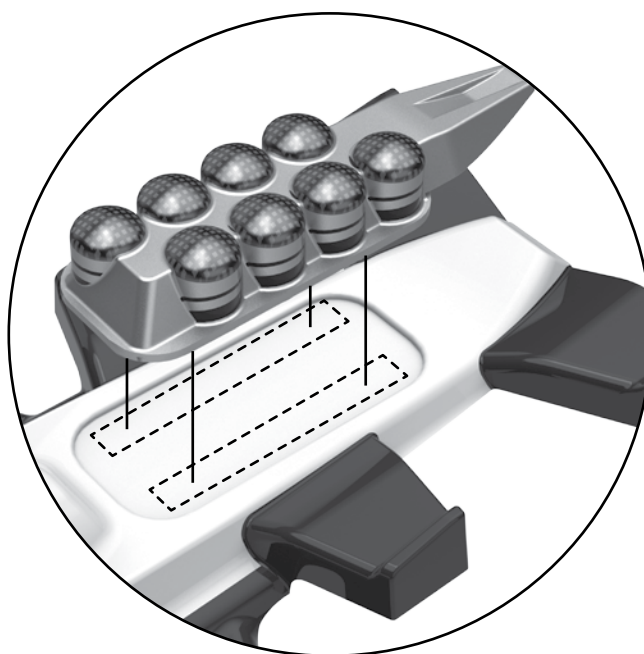
Black spray paint



Blue spray paint

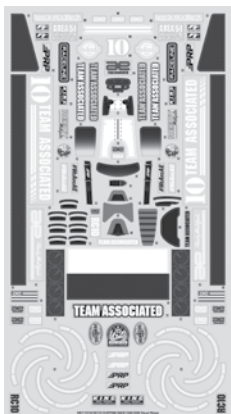
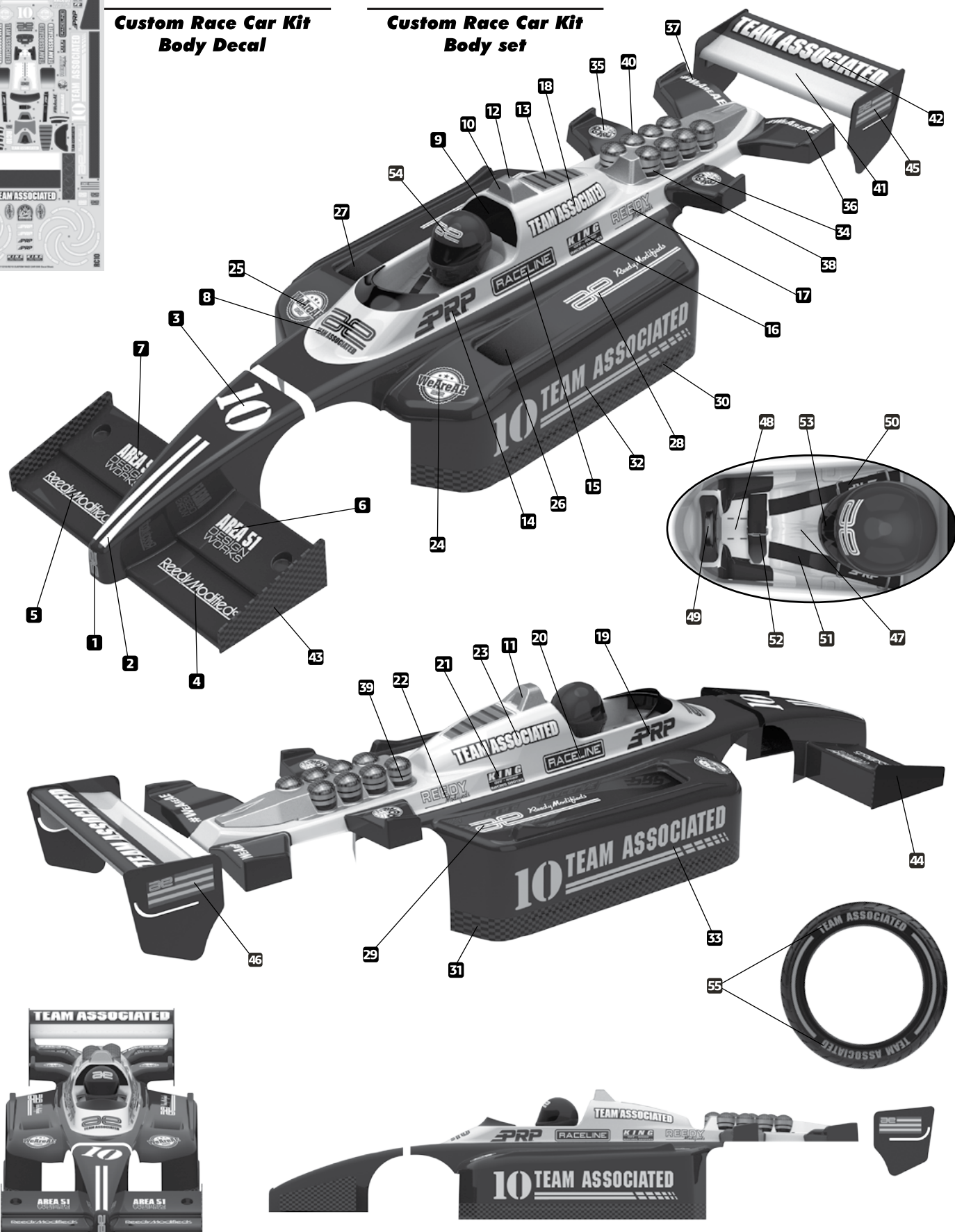


Apply double-sided tape to this area



Apply double-sided tape to this area

:: Body Build - Step 4


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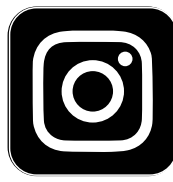
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