APEX2 SPORT

1:10 Scale Ready-To-Run 4WD Electric On Road Sport Chassis

#30125



31 TIME ASSOCIATED

WeAreAE

CHAMPIONS by DESIGN

TeamAssociated.com

TEAM ASSOCIATED

:: Introduction

Apex2 Sport Datsun 240z #30125 (1:10 Scale Ready-To-Run 4WD Electric On Road Sport Chassis)
Team Associated is excited to bring you the Japanese classic Datsun 240z in radio-controlled form. Built on a budget-friendly Apex2 Sport chassis, the Team Associated Datsun 240z is a beautiful true-to-life scale version of the full-size counterpart!
The Apex2 Sport chassis features some of the latest features in on road racing. A front and rear independent suspension with oil-damped shocks and active rear toe give the Apex2 Sport the ultimate in handling on uneven tarmac. This makes it a perfect platform for the Datsun 240z!

:: Vehicle Features

- Steel dog bones and drive axles
- Sealed front and rear gear differentials
- Adjustable hook and loop battery straps
- 550-sized brushed motor
- Programmable ESC (with aftermarket program card)
- Injection-molded brake calipers and rotors
- Aluminum motor plate
- Adjustable shock mounting locations
- Bolt-on steering plates
- Molded one-piece tire rods and steering links
- Sealed receiver box
- Adjustable body post height locations
- Steel 25T servo horn
- Active rear toe suspension design
- Plastic tub main chassis
- 'Shorty' battery box
- POM-filled injection molded pivot balls
- Oilite Bushings

For better handling, A-arm front and rear independent suspension keeps the Apex2 chassis under control during the wildest of driving conditions.

Plastic body shock absorbers smooth out the bumps when ripping around the rally course.

Active rear suspension allows the amount of toe change to be adjusted through the suspension cycle, increasing or decreasing rear grip.

A sealed center driveline keeps dirt and debris out for smooth and reliable power delivery.

The Reedy's 550 15-turn 3-slot motor provides plenty of torque and tire ripping speed.

Reedy SC500X programmable brushed ESC (program card sold separately) and Reedy Sport 550 15-turn 3-slot brushed motor

A 1970s CLASSIC JAPANESE SPORTS CAR

One of the most successful sports car lines ever produced, the trend-setting 240z was conceived of by Yutaka Katayama, the President of Nissan Motor Corporation U.S.A., and designed by a team led by Yoshihiko Matsuo, the head of Nissan's Sports Car Styling Studio. This iconic sports car is over 50 years old and looks just as stunning now as it did in the 70s. Its popularity among automotive enthusiast makes this car a prized find for any auto collector.

Team Associated is proud offer an officially licensed Datsun 240z in 1:10 scale form for the Apex2 Sport chassis. This awesomely designed single-piece polycarbonate body features a highly-detailed decal sheet, injection-molded fender mirrors, windshield wipers, spoiler, exhaust, and chrome-plated front and rear bumpers. Modeled after wheels from that era, the 1.9 bronze-colored turbine-style rims are the perfect fit on this realisic-looking Datsun 240z.

Injection-molded brake calipers and rotors give the Apex2 Sport chassis scale looks.The injection-molded exhaust, spoiler and chrome-plated bumpers add scale realism to the 240z.High-grip rubber tires wrapped around 1.9 (41mm) bronze turbine-style wheels

Specifications

Scale	1:10
Type	-On-Road
Power	Electric
Length	458mm
Width	200mm
Wheelbase	259mm
Weight	Varies
Chassis Material	Injection-molded plastic
Suspension	Independent A-arm suspension
Internal Gear Ratio	Varies
Axle Ratio	2.6:1
Drivetrain	4WD
Speed	Varies
Gear Pitch	48 Pitch
Build type	RTR
Shock type	Plastic coilover
Experience Level	Beginner to Advanced
Recommended Environment	Street or paved surfaces

:: Additional

Your new RTR comes factory assembled including radio gear, motor, and ESC.
However, there are some items you will need to complete your kit (refer to website for suggestions):

- AA-size batteries for transmitter (#302 x4)
- 2/3S LiPo battery pack w/High Current T Plug (shorty packs only).
- Peak Detection Charger or LiPo Compatible Charger

:: Other Helpful Items

- Silicone Shock Fluid (Refer to website for complete listings)
- Green Slime shock lube (AE # 1105)
- Thread Locking Compound (AE # 1596)
- 7 Piece Hex Driver Set (AE # 1650)
- Calipers or a Precision Ruler
- Silicone Diff Fluid (Refer to website for complete listings)
- Cyanoacrylate glue (AE # 1597)
- Body Scissors (AE # 1737)
- FT Nut Drivers (AE #1519)
- Reamer / Hole Punch
- Hobby Knife
- Wire Cutters
- Soldering Iron
- Needle Nose Pliers

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

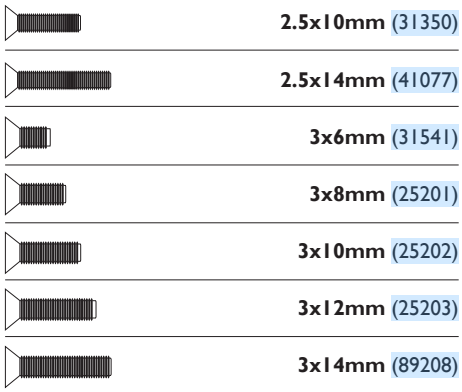
ASSOCIATED ELECTRICS Since 1985

Customer Service
Tel: 949.544.7500
Fax: 949.544.7501

http://www.RC10.com • http://twitter.com/Team_Associated • http://www.instagram.com/teamassociatedrc/ • http://www.facebook.com/TeamAssociated/

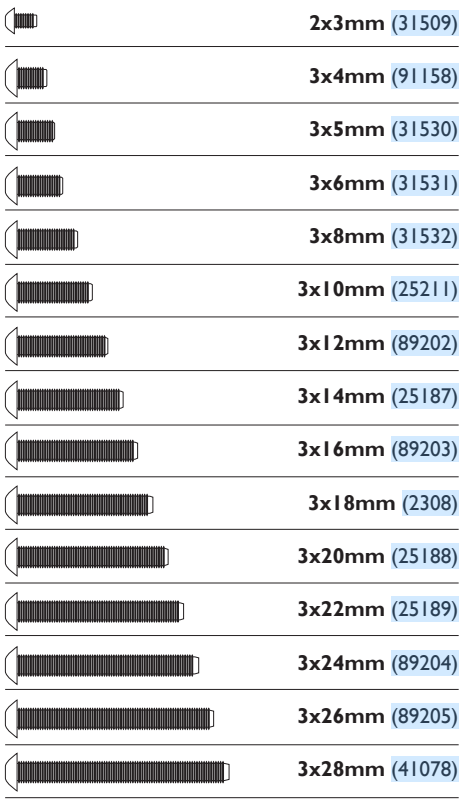
:: Hardware - 1:1 Scale View

Flat Head Screws (fhcs)



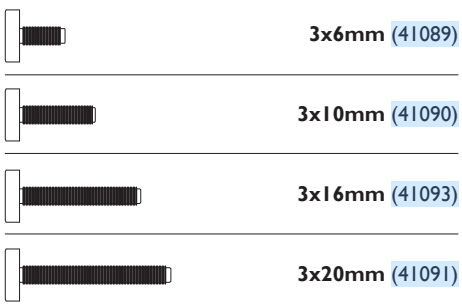
2.5x10mm (31350)
2.5x14mm (41077)
3x6mm (31541)
3x8mm (25201)
3x10mm (25202)
3x12mm (25203)
3x14mm (89208)

Button Head Screws (bhcs)



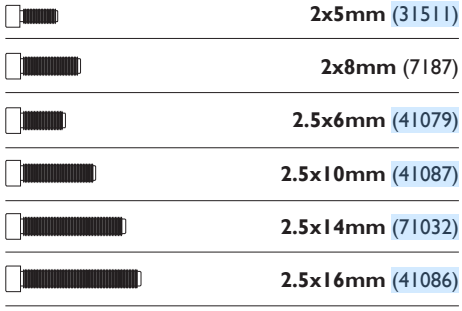
2x3mm (31509)
3x4mm (91158)
3x5mm (31530)
3x6mm (31531)
3x8mm (31532)
3x10mm (25211)
3x12mm (89202)
3x14mm (25187)
3x16mm (89203)
3x18mm (2308)
3x20mm (25188)
3x22mm (25189)
3x24mm (89204)
3x26mm (89205)
3x28mm (41078)

LP Socket Head Screws (lp shcs)



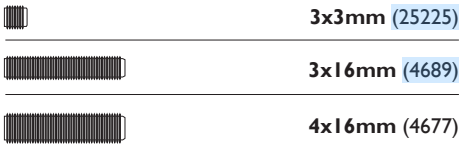
3x6mm (41089)
3x10mm (41090)
3x16mm (41093)
3x20mm (41091)

Socket Head Screws (shcs)



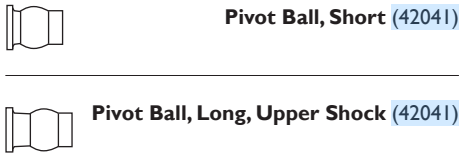
2x5mm (31511)
2x8mm (7187)
2.5x6mm (41079)
2.5x10mm (41087)
2.5x14mm (71032)
2.5x16mm (41086)

Set Screws



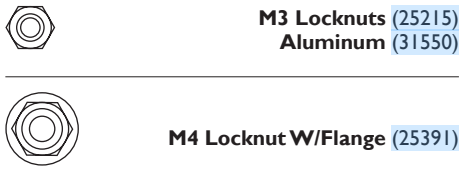
3x3mm (25225)
3x16mm (4689)
4x16mm (4677)

Pivot Balls



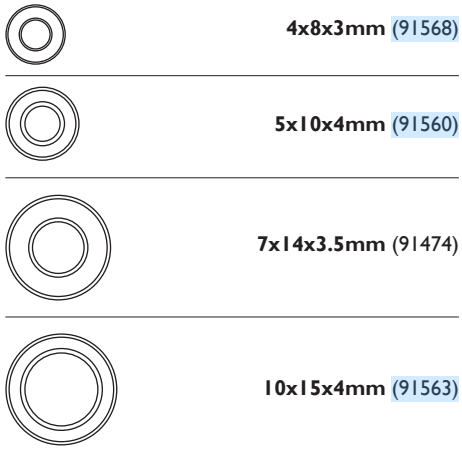
Pivot Ball, Short (42041)
Pivot Ball, Long, Upper Shock (42041)

Locknuts



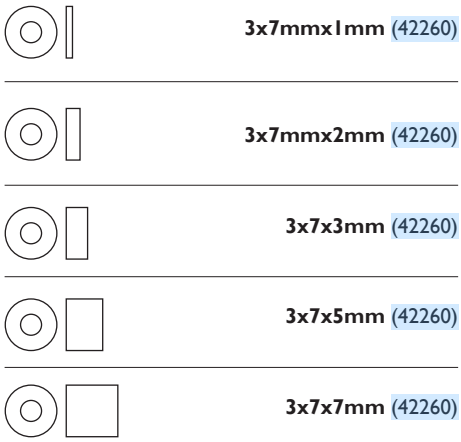
M3 Locknuts (25215)
Aluminum (31550)
M4 Locknut W/Flange (25391)

Bearings



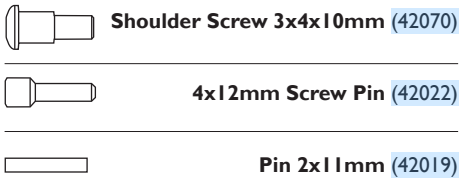
4x8x3mm (91568)
5x10x4mm (91560)
7x14x3.5mm (91474)
10x15x4mm (91563)

Shims and Washers



3x7mmx1mm (42260)
3x7mmx2mm (42260)
3x7x3mm (42260)
3x7x5mm (42260)
3x7x7mm (42260)

Misc. Screws



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

:: Table of Contents

1..... Cover

2..... Introduction

3.....1:1 Hardware “Fold Out”

4..... Table of Contents

5 - 7.....Quick Start Guide

8.....Shock Build

8.....Gear Differential Build

9 - 12.....Front / Rear Suspension Build

11 - 14.....Chassis Build

14.....Tire Build

15 - 17.....Body Build

18 - 19.....Nissan

20..... 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 hardare 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.

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

ASSOCIATED ELECTRICS Since 1985

Customer Service
Tel: 949.544.7500
Fax: 949.544.7501

http://www.RC10.com • http://twitter.com/Team_Associated • http://www.instagram.com/teamassociatedrc/ • http://www.facebook.com/TeamAssociated/

:: Quick Start Guide

Battery Charging Steps and Safety:

Remove the battery from the vehicle before charging.
Place battery on a fire resistant surface.
Avoid any contact with water or other liquids.
Be sure to select the correct charging mode for the type of battery you are charging.

ALWAYS use a compatible charger for charging your batteries.

Caution: Never leave the battery unattended while charging. Always disconnect the charger from the power source when finished charging.

Caution: Always disconnect the battery when you are finished driving the vehicle.



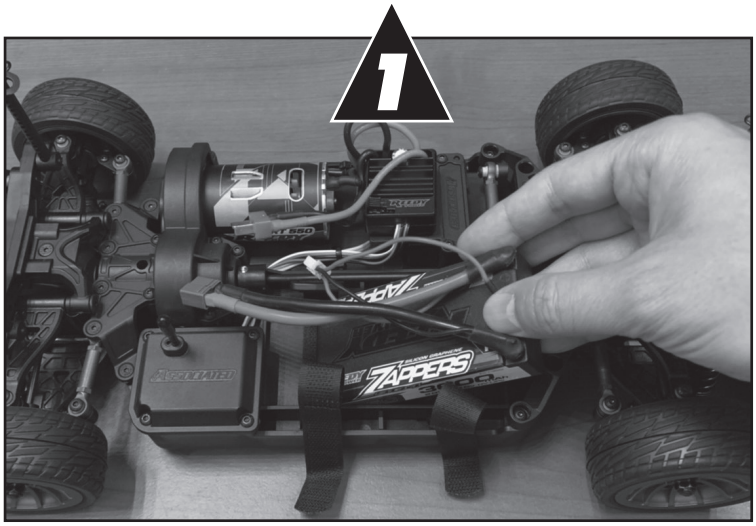
Peak Detection Quick Charger

:: Quick Start Guide - (cont.)

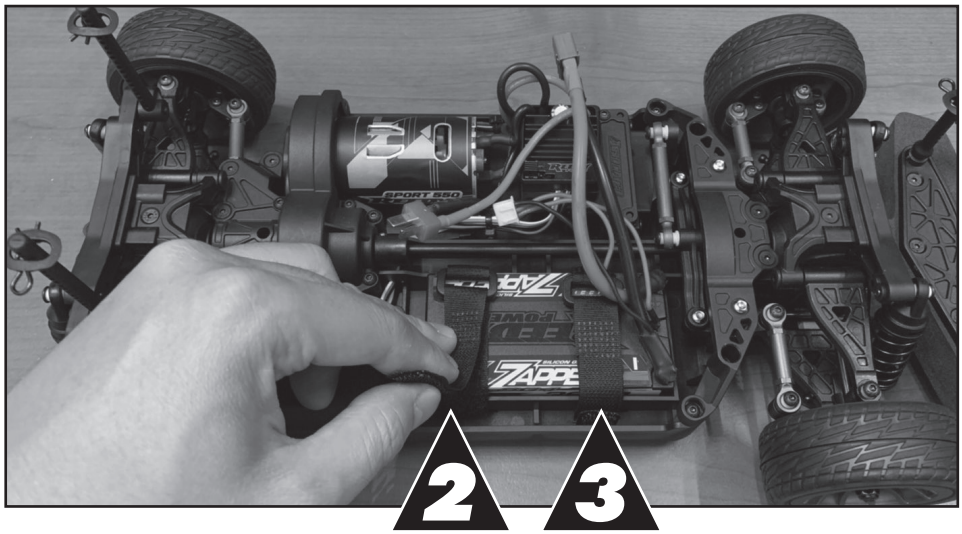
Battery Installation:

1. Install the battery with the battery wires directed towards the front of the vehicle.
2. Secure the hook and loop strap near the rear shock tower.
3. Secure the hook and loop strap near the front shock tower.

You may move the foam pad to either the front or the rear of the battery compartment to adjust the weight balance of the vehicle.



:: Quick Start Guide - (cont.)



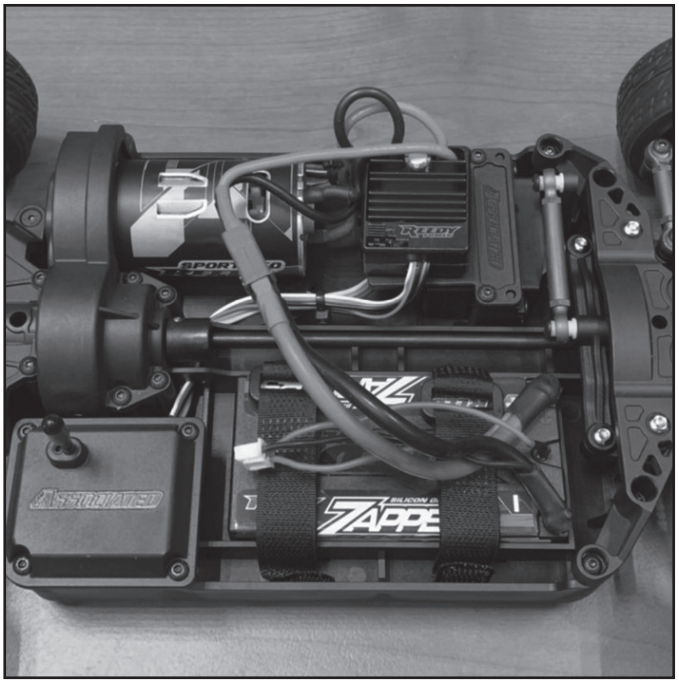
:: Quick Start Guide - (cont.)

Battery Notes and Tip:

Connect the battery as shown.
Disconnect the battery when not in use!

LiPo: LiPo batteries (lithium polymer) are high current rechargeable batteries. LiPo batteries offer extended run time and peak performance over NiMH batteries. They require a peak detection charger designed specifically for LiPo batteries. These batteries require special care and handling.
LiPo batteries are recommended for advanced users only!
ALWAYS charge a LiPo battery in LiPo mode.

If using a 3S LiPo battery, use a smaller pinion gear as a starting point (use part #1335 17T Pinion). This provides the correct gear ratio required for the more powerful 3S LiPo battery. Gearing will depend on the surface you are running on, and the size of the track/area that you are driving in.



:: Quick Start Guide - (cont.)

Radio System Tuning and Controls:

RULE: Transmitter on First/Vehicle on Second,
Vehicle off First/ Transmitter off Last!

1) Slide the battery cover to remove cover.
2) Install alkaline or rechargeable AA size batteries into the battery holder.
3) Slide the battery cover back into place making sure it is completely closed and secure.
4) Turn the power ON. If the power indicator LED fails to light, check the batteries for insufficient contact or incorrect polarity.





On/Off Switch

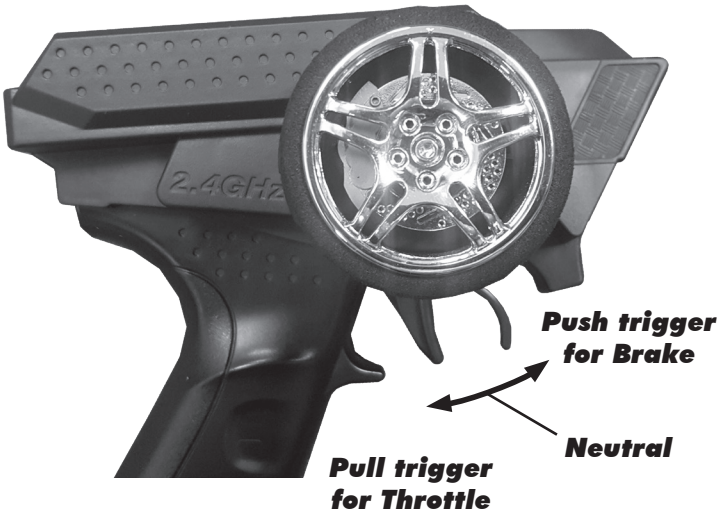
:: Quick Start Guide - (cont.)

Radio System Tuning and Controls:

DO NOT hold the trigger when turning on the radio.

If using optional battery for transmitter, be sure to plug it in correctly. Plugging in a battery backwards can cause damage.

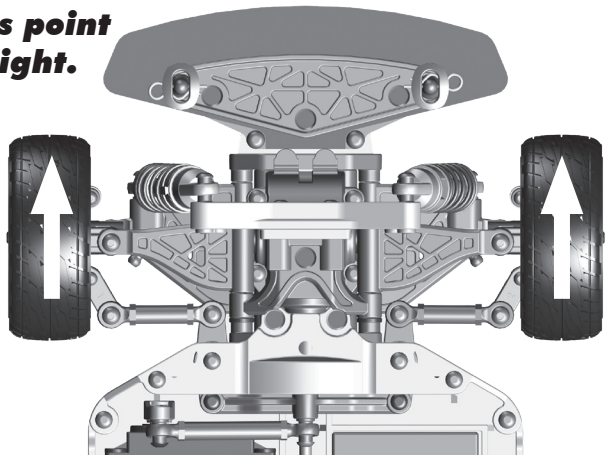
Refer to Radio owners manual for more in-depth instructions on radio operation and functions.



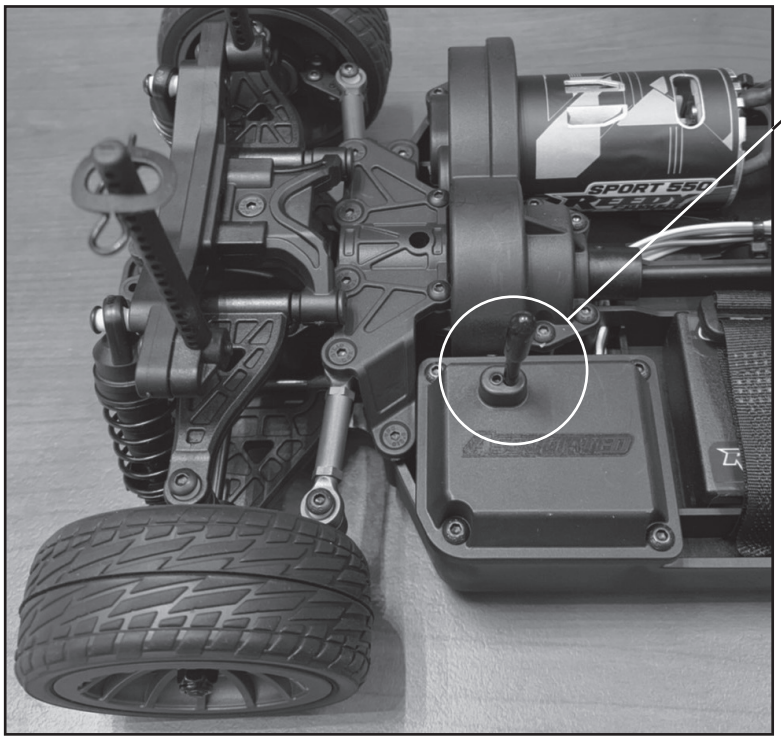
Throttle set to Neutral!



Adjust steering trim so front wheels point straight.



:: Quick Start Guide - (cont.)

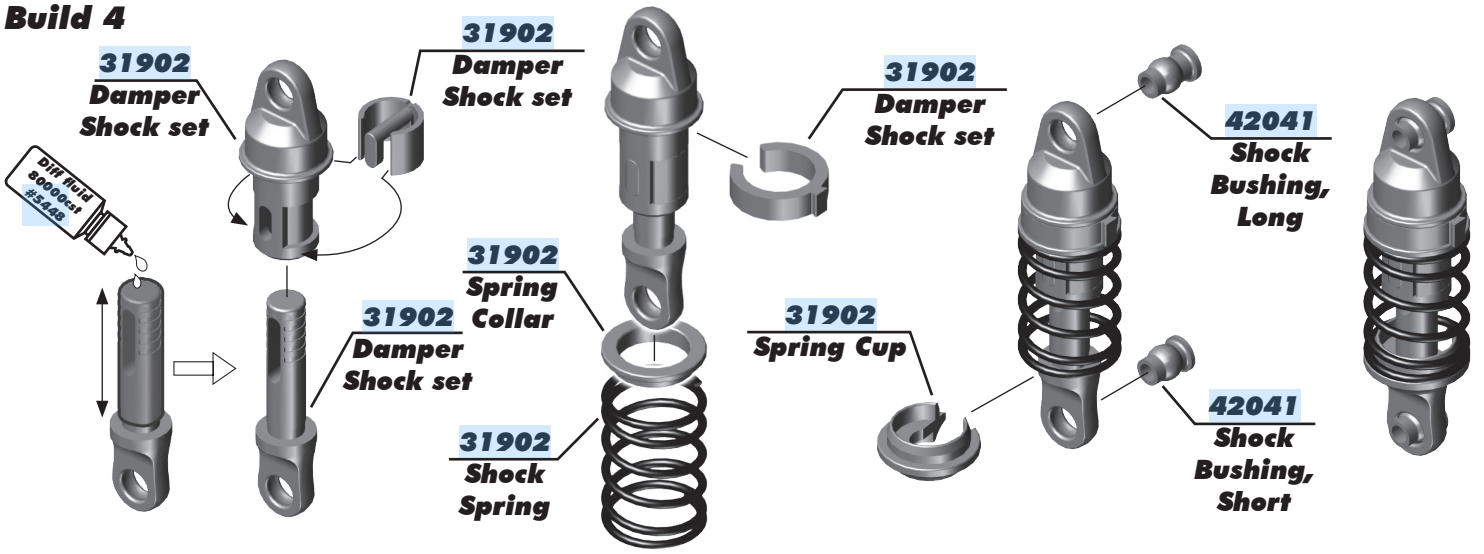


Install antenna wire through antenna tube, then install antenna tube as shown.

Install body and body clips. Ready to go!

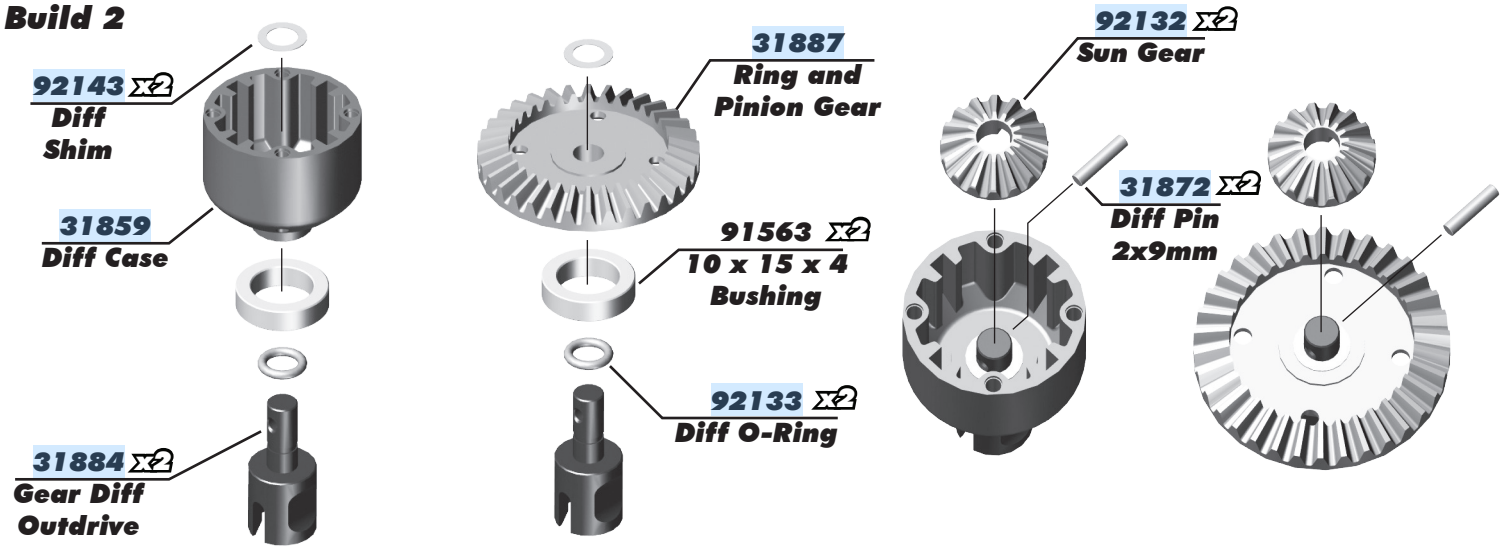
:: Shocks Build

Build 4

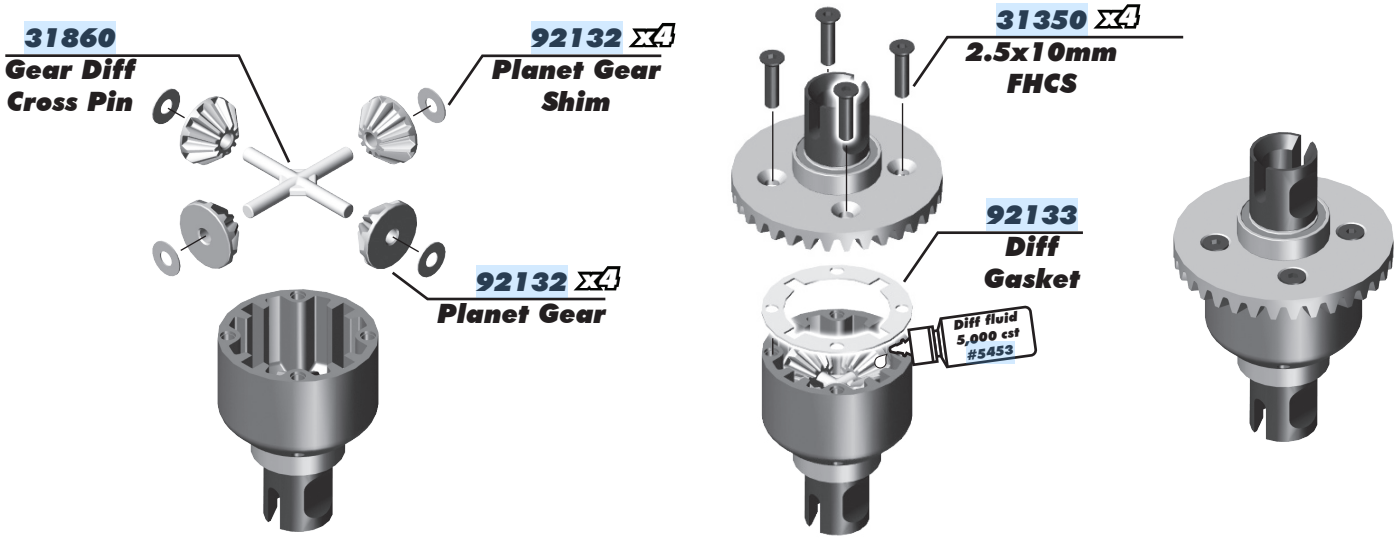


:: Gear Diff Build - Step 1

Build 2

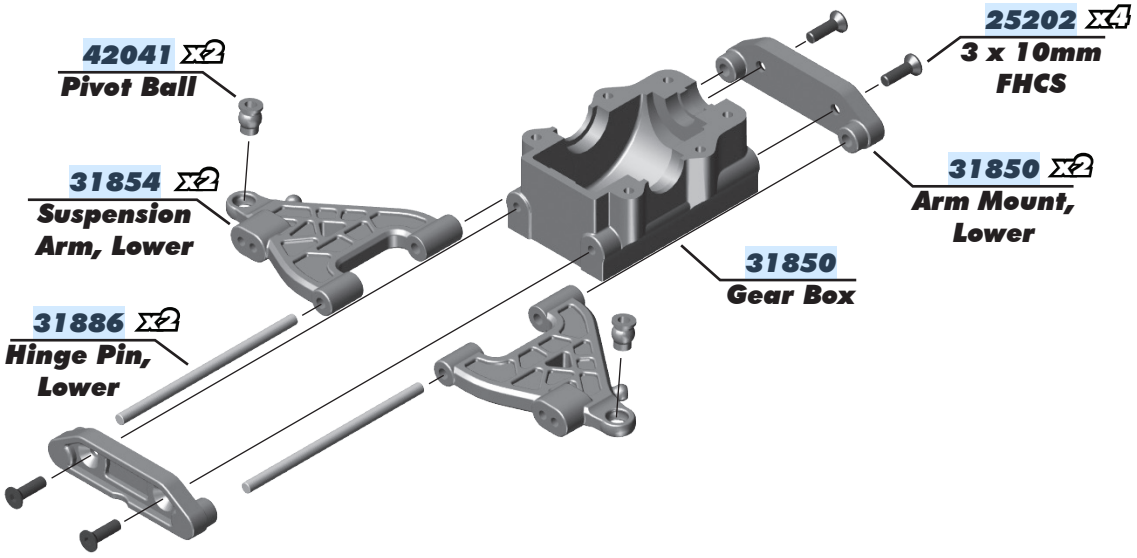


:: Gear Diff Build - Step 2

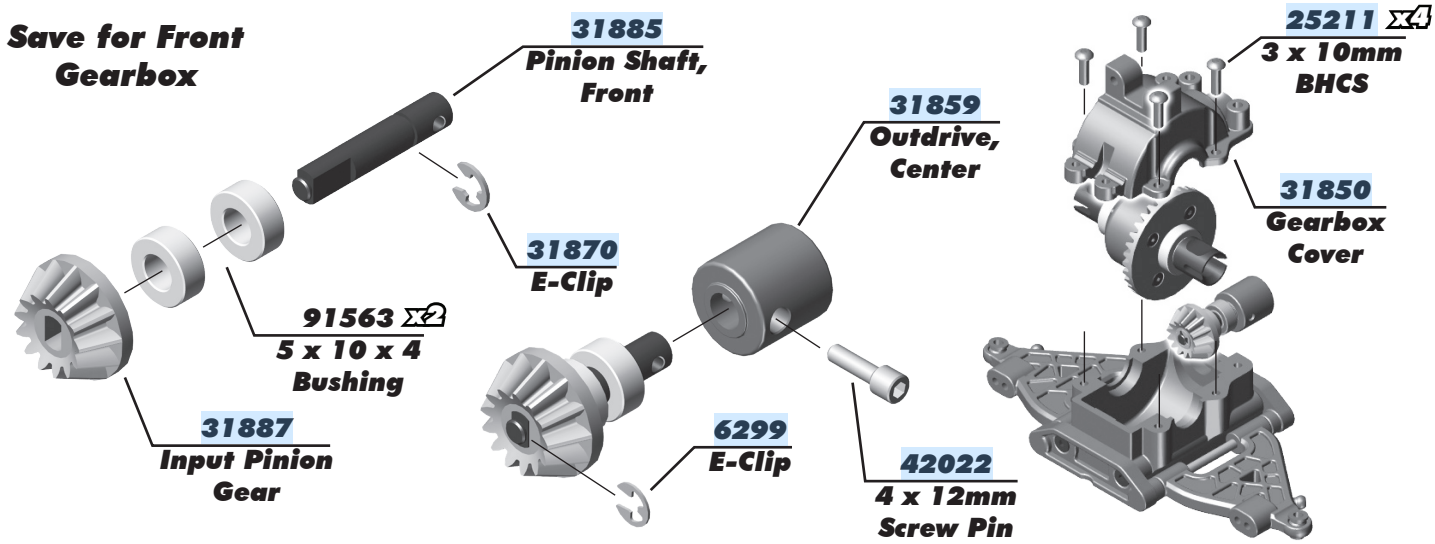


:: Front / Rear Suspension Build - Step 1

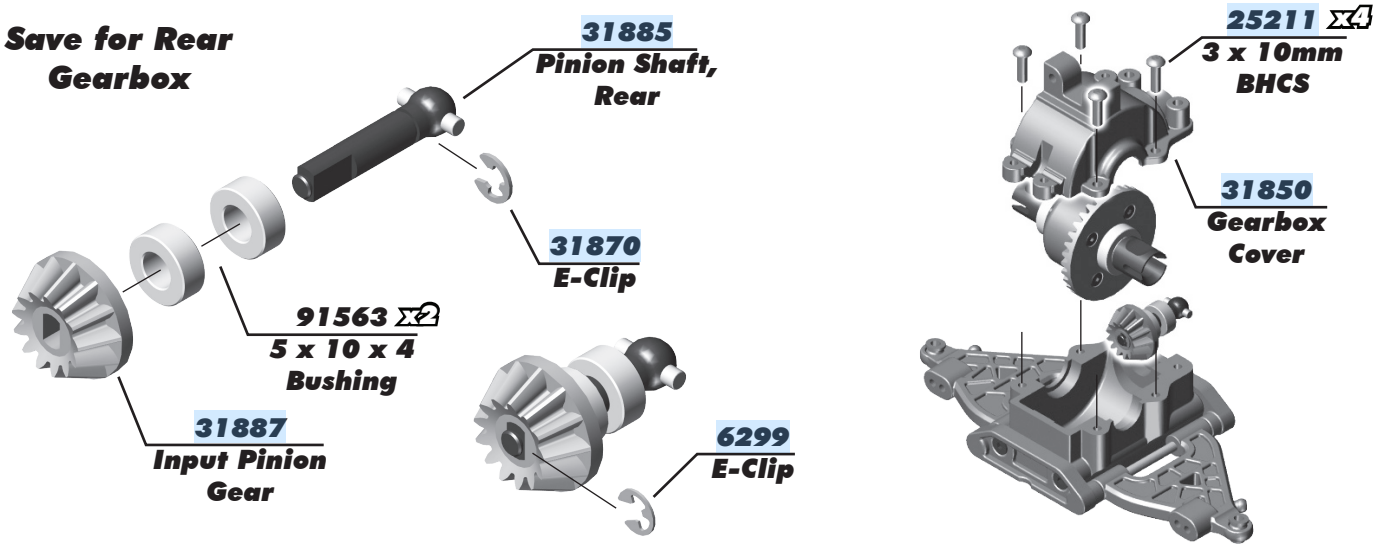
Build 2



:: Front / Rear Suspension Build - Step 2

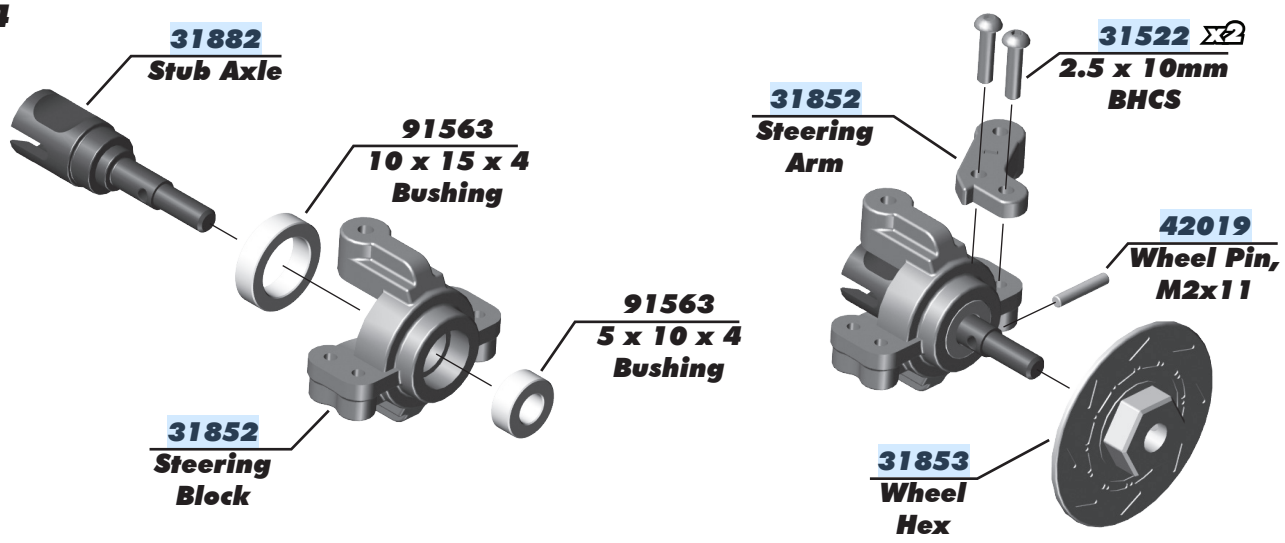


:: Front / Rear Suspension Build - Step 3



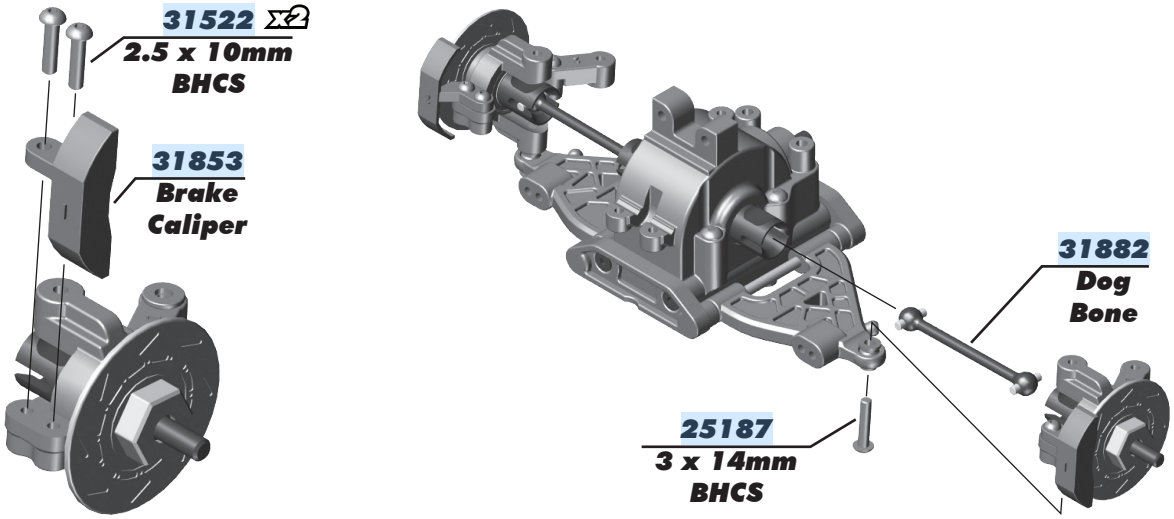
:: Front / Rear Suspension Build - Step 4

Build 4



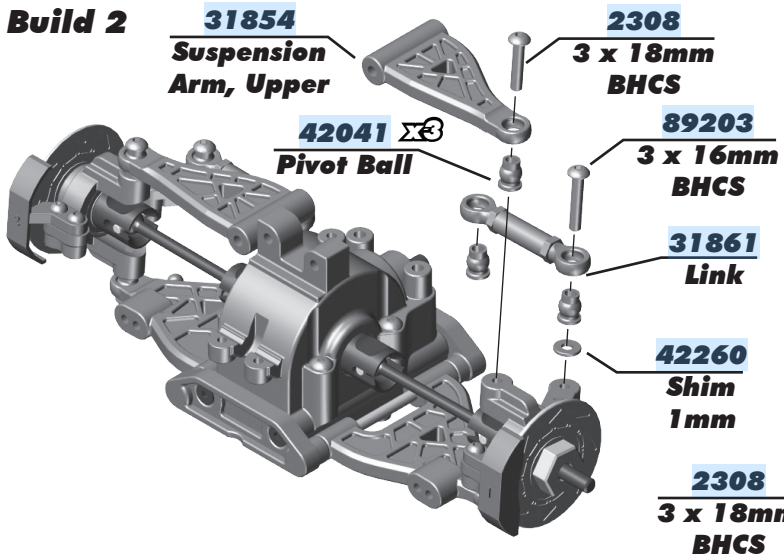
:: Front / Rear Suspension Build - Step 5

Build 4

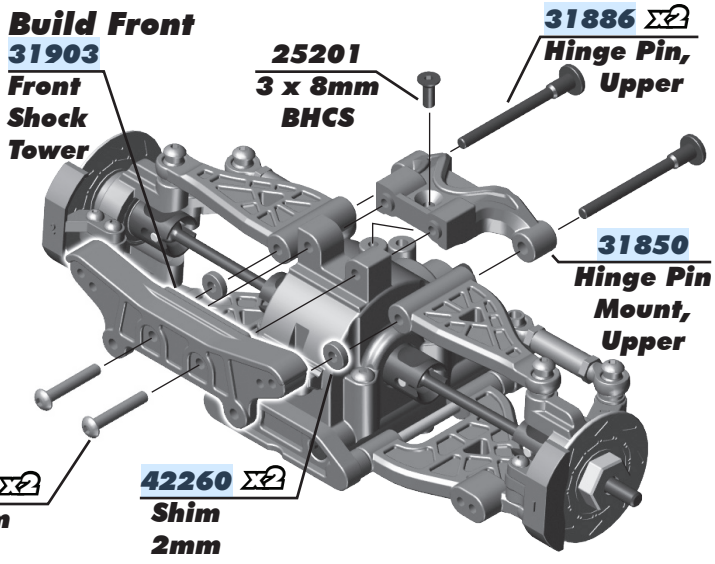


:: Front / Rear Suspension Build - Step 6

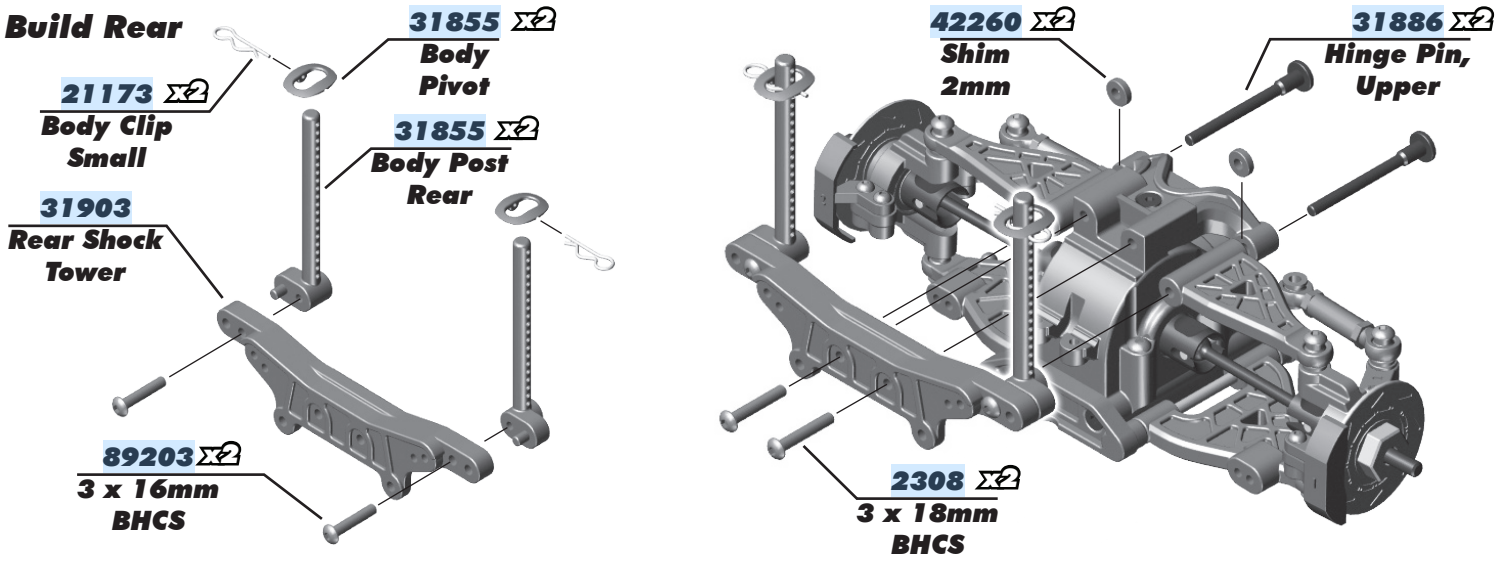
Build 2



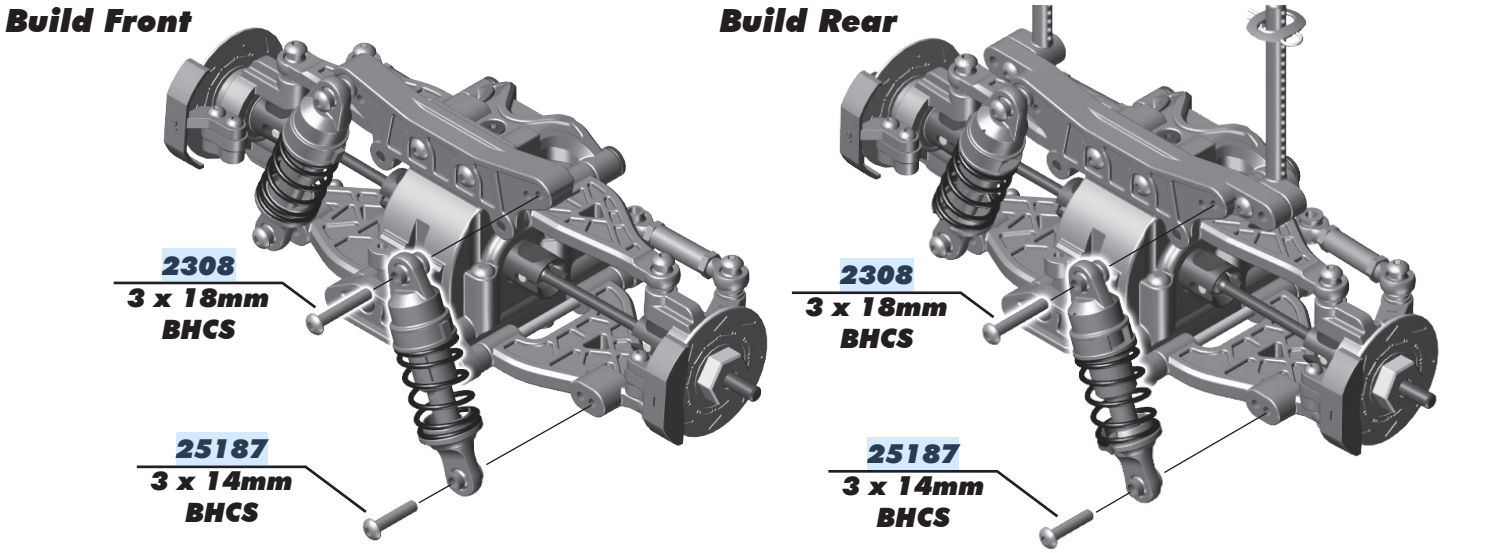
Build Front



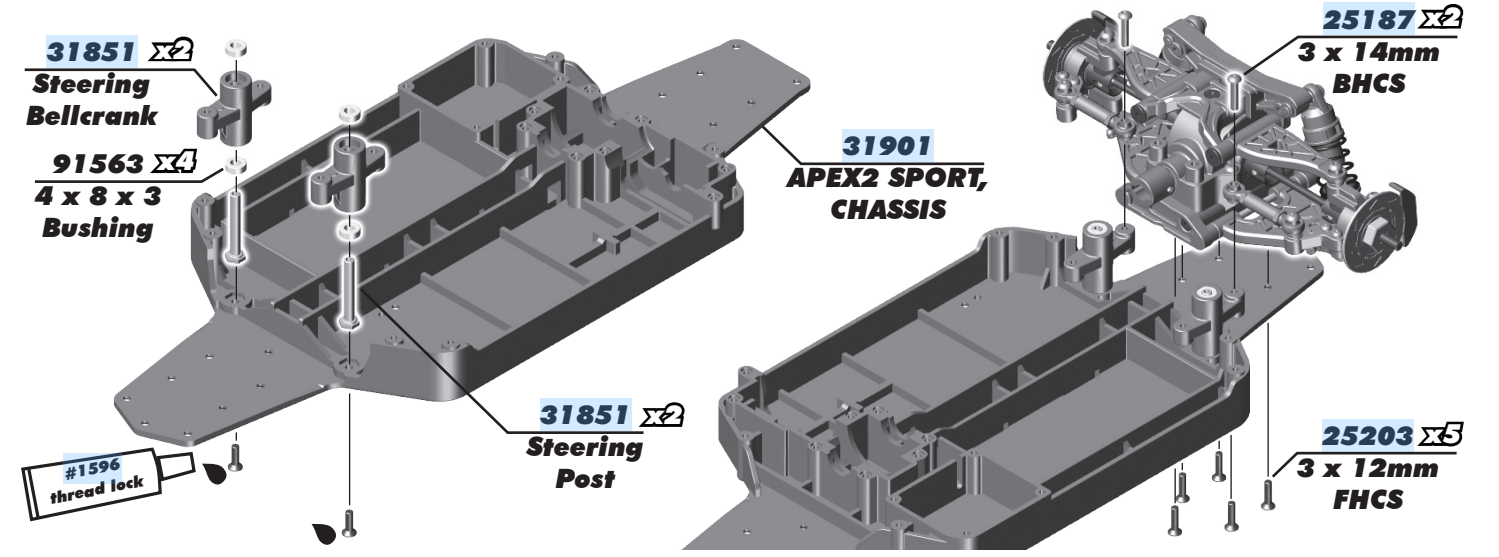
:: Rear Suspension Build - Step 7



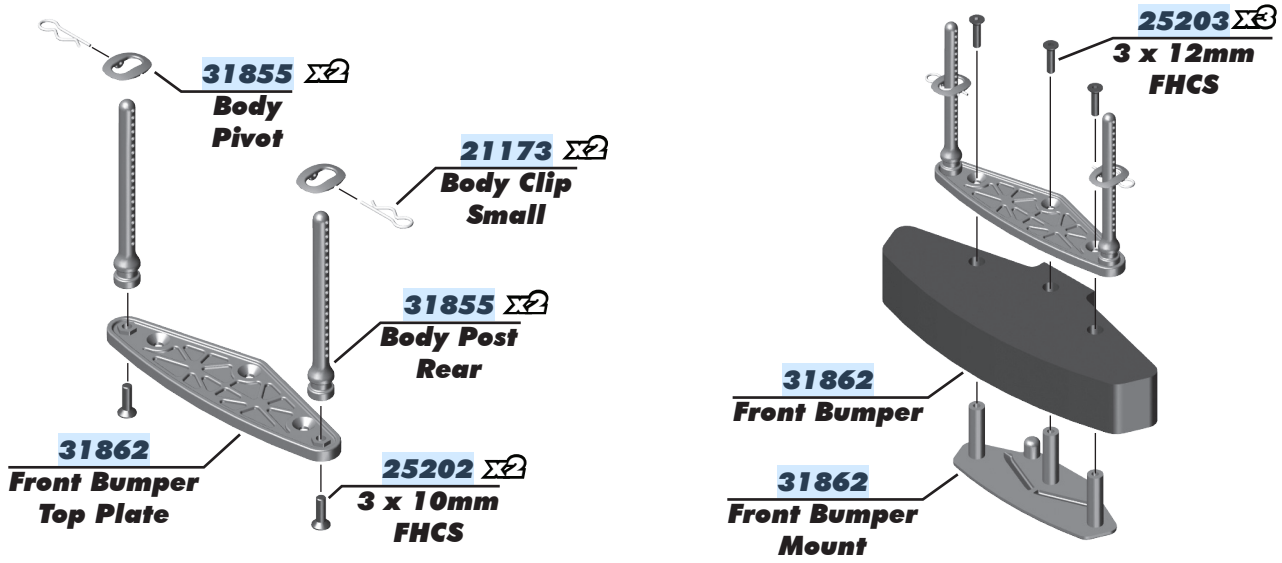
:: Front / Rear Suspension Build - Step 8



:: Chassis Build - Step 1

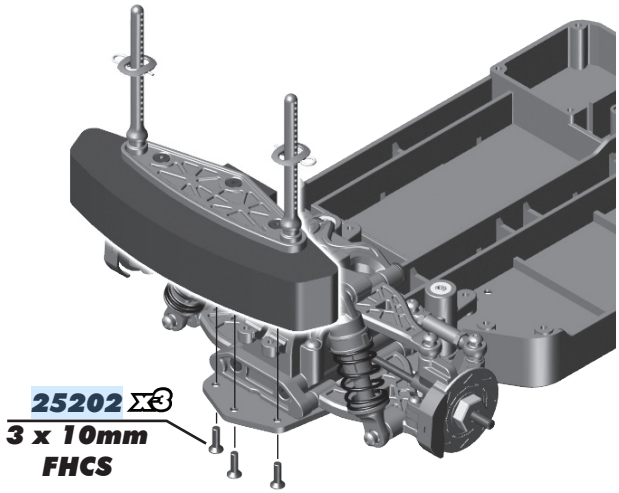


:: Chassis Build - Step 2

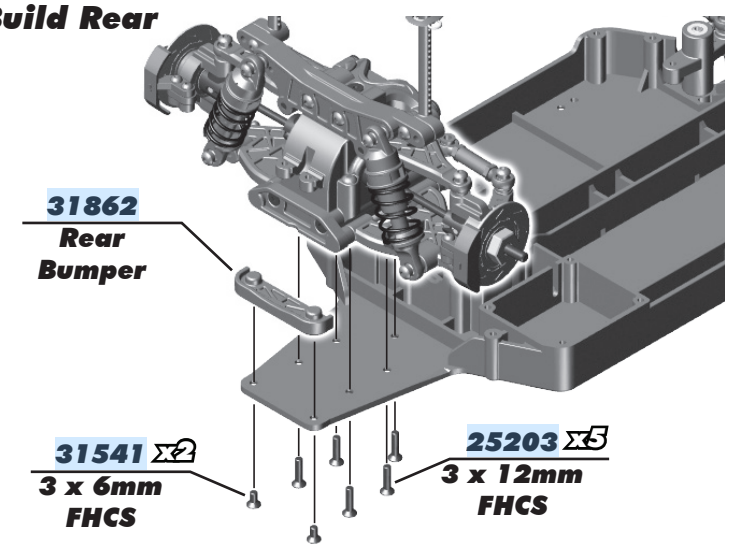


:: Chassis Build - Step 3

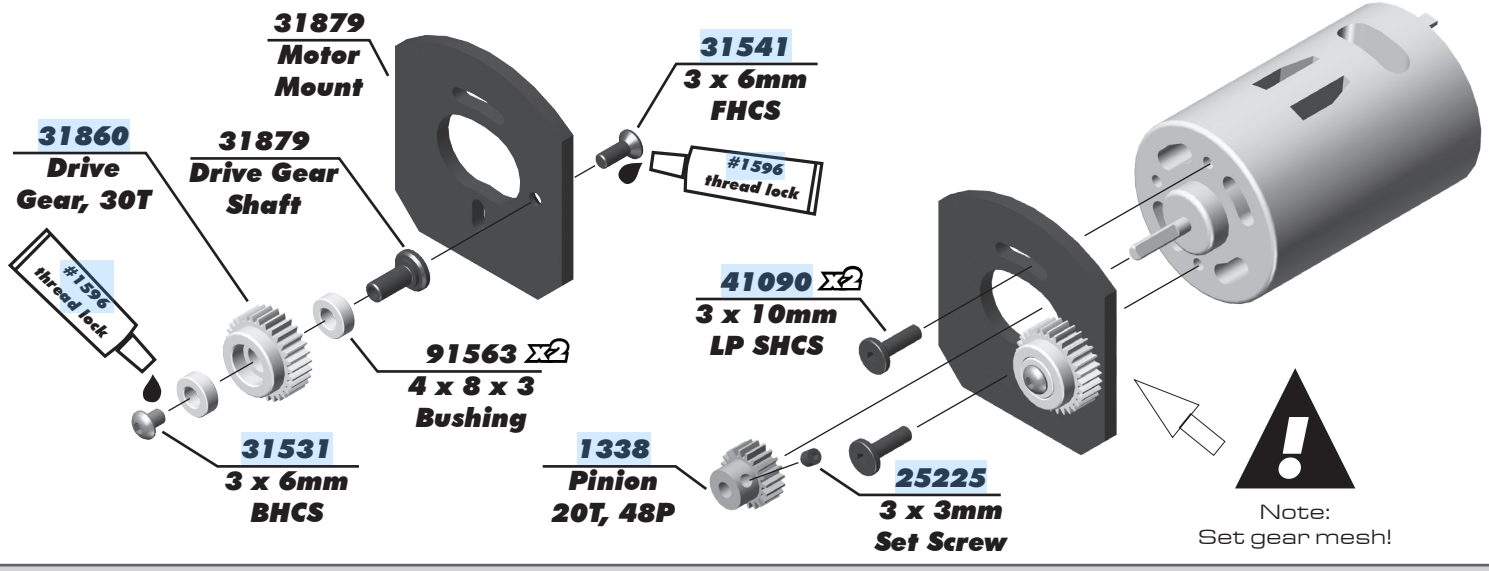
Build Front



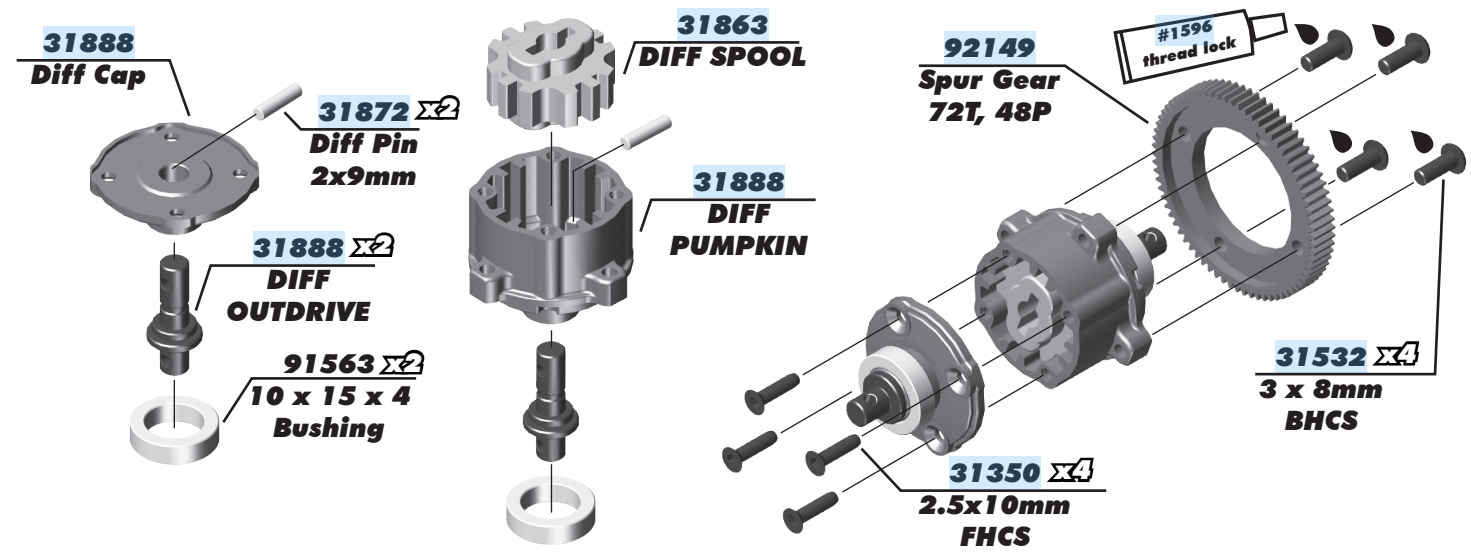
Build Rear



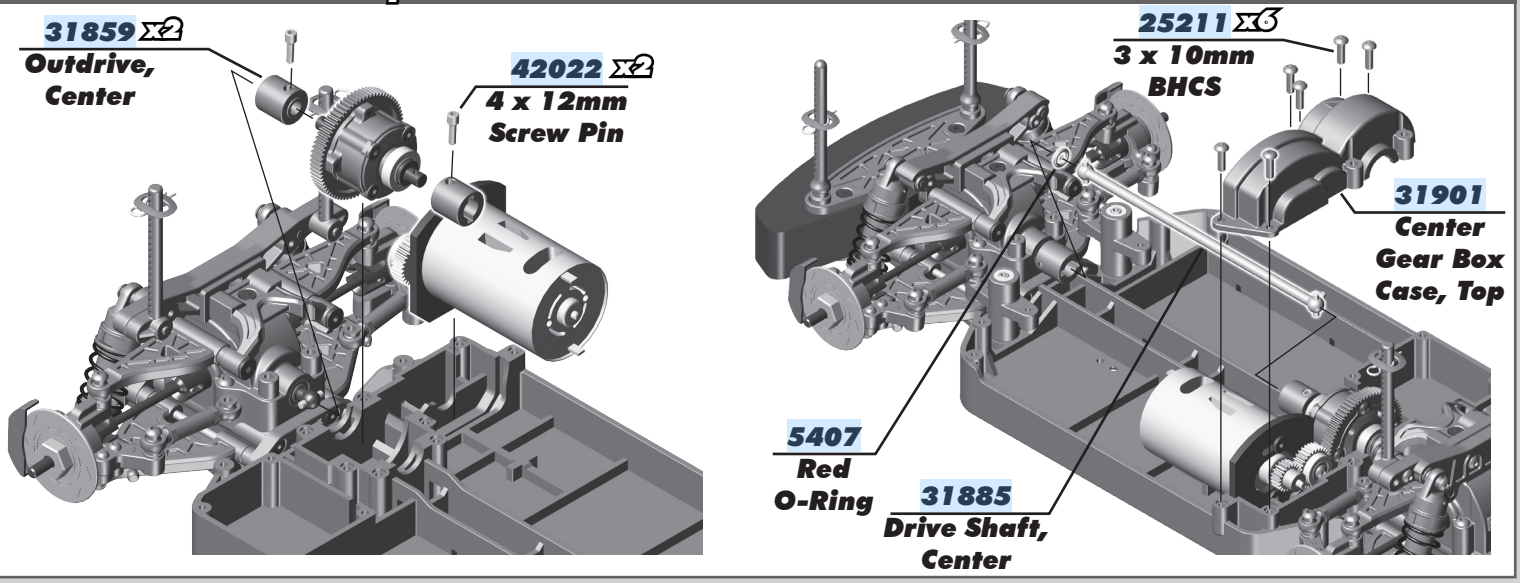
:: Electronics Build - Step 1



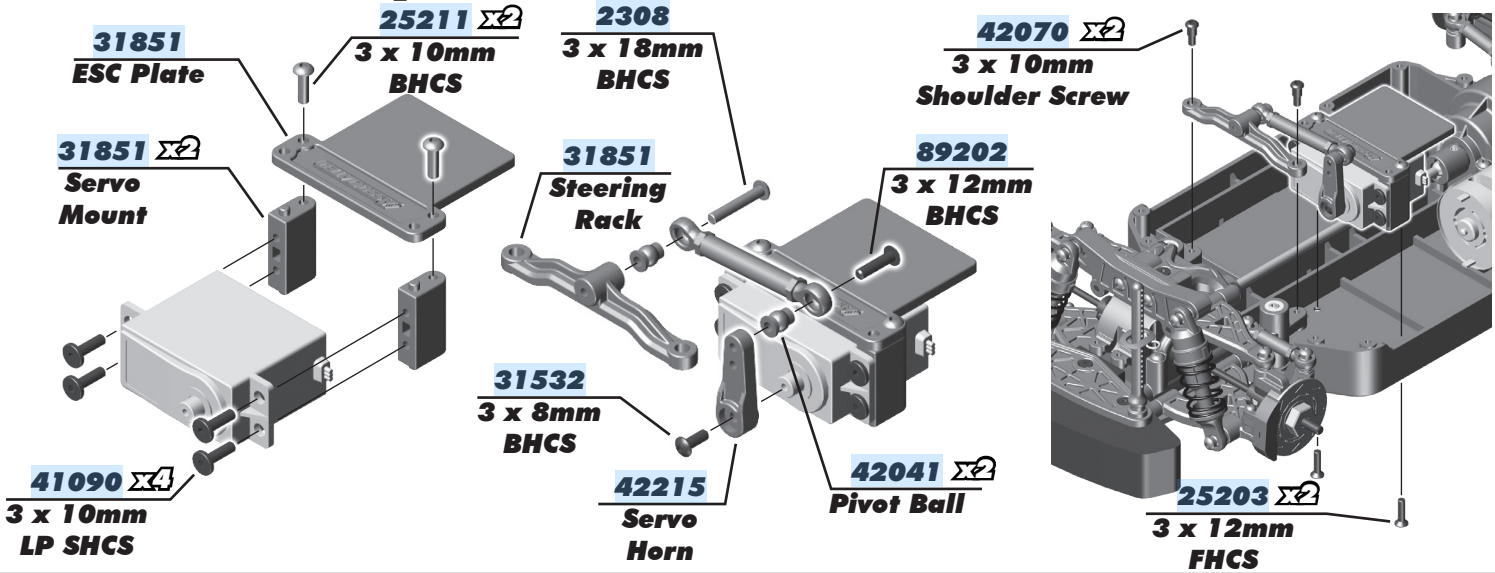
:: Electronics Build - Step 2



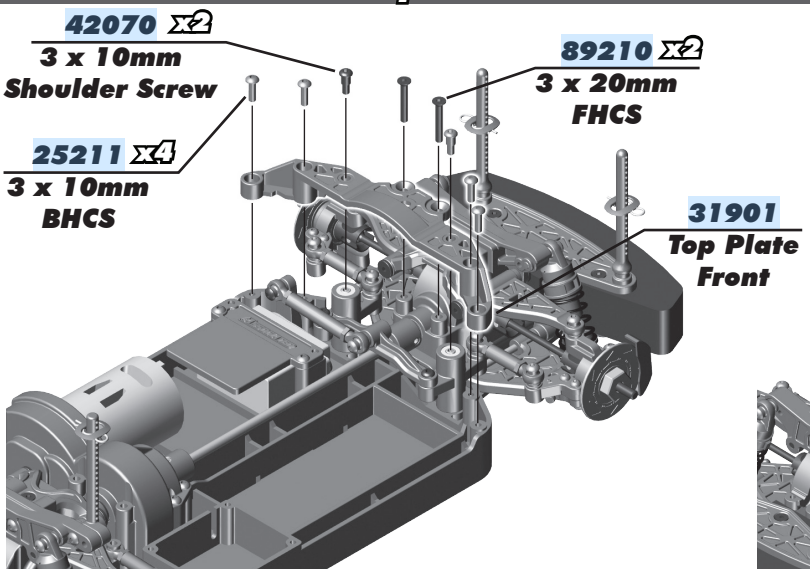
:: Electronics Build - Step 3

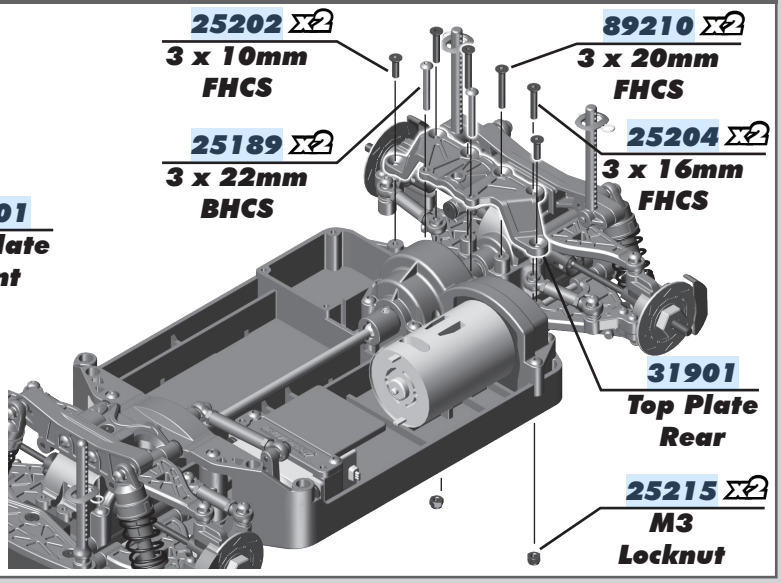


:: Electronics Build - Step 4

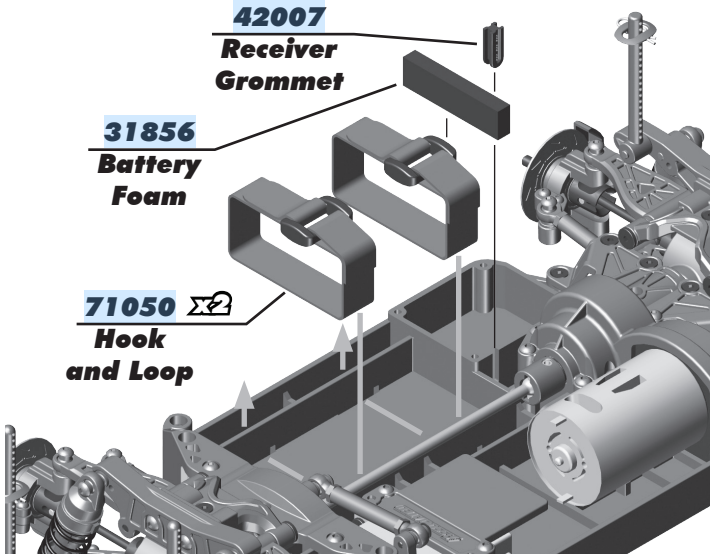


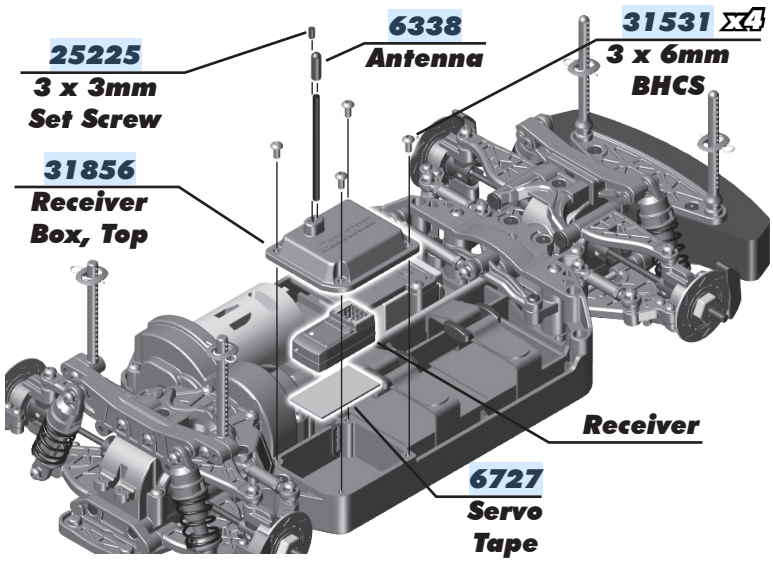
:: Electronics Build - Step 5



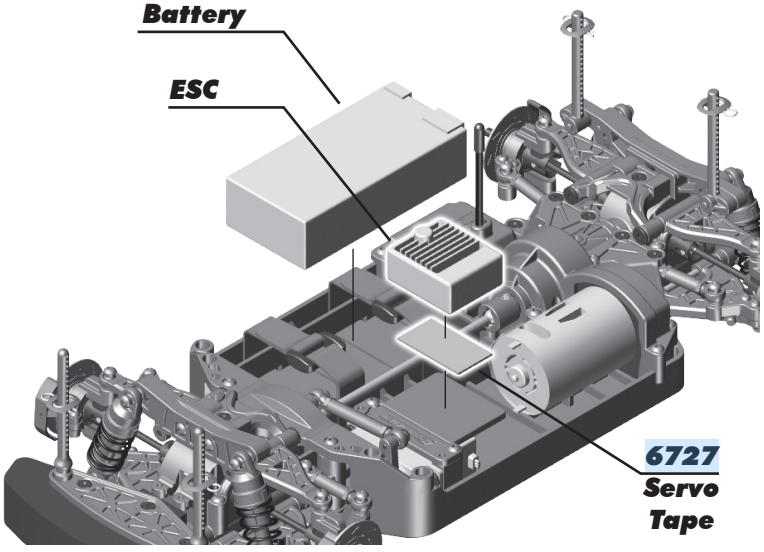


:: Electronics Build - Step 6

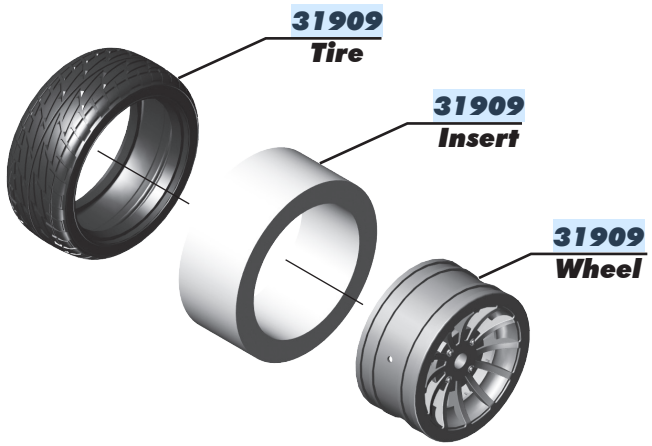




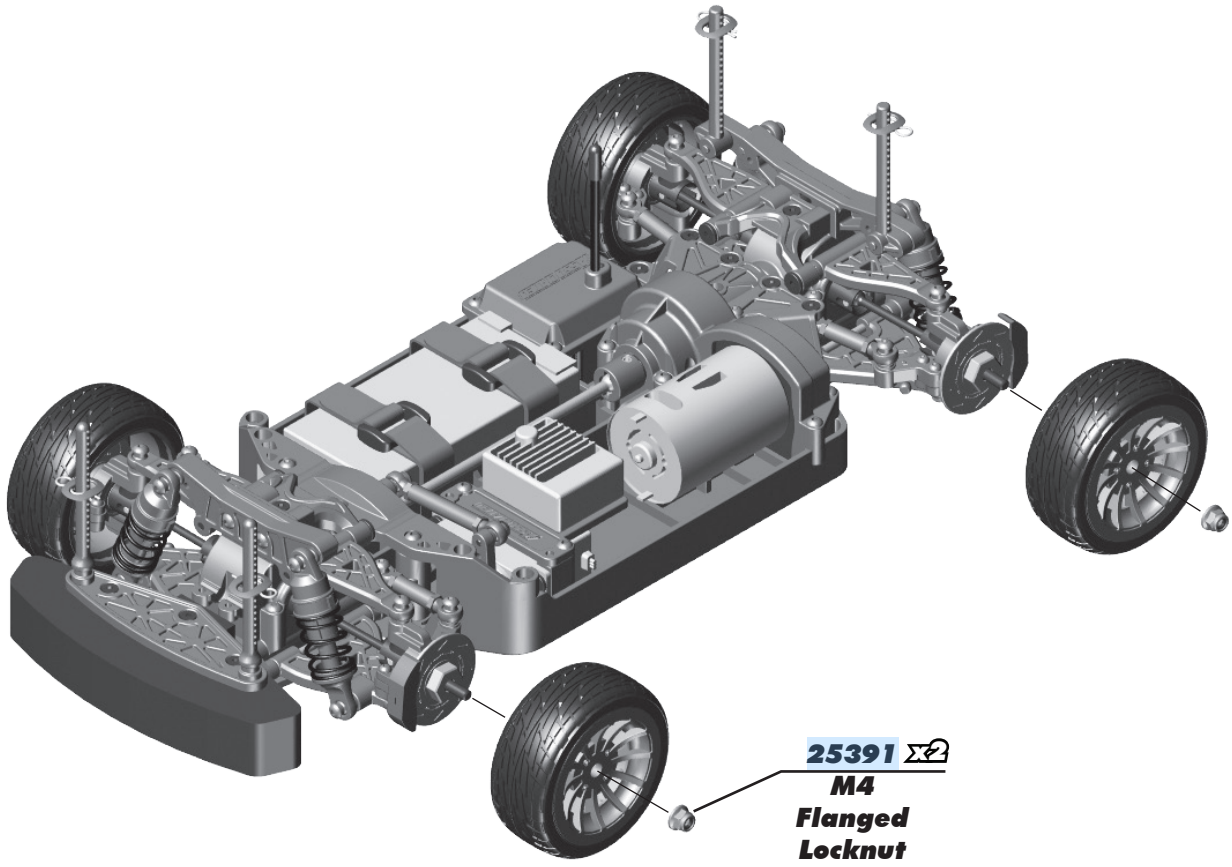
:: Electronics Build - Step 7



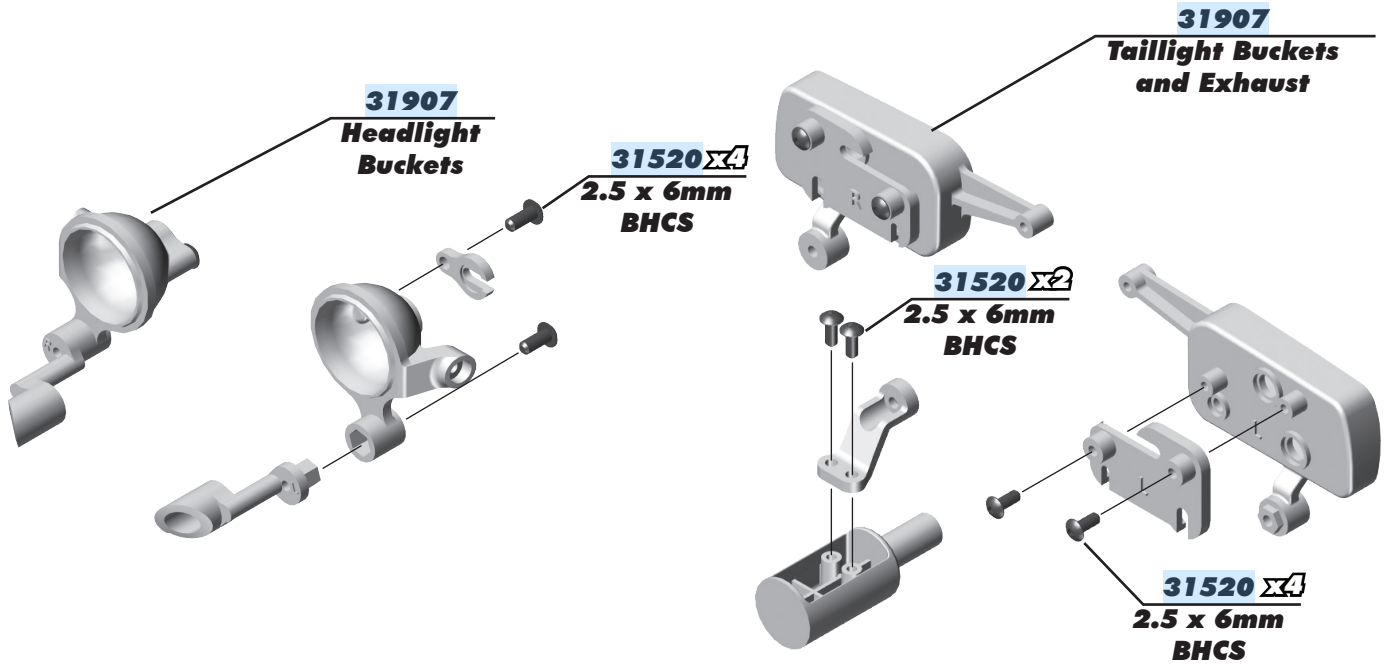
:: Tires and Body Build - Step 1



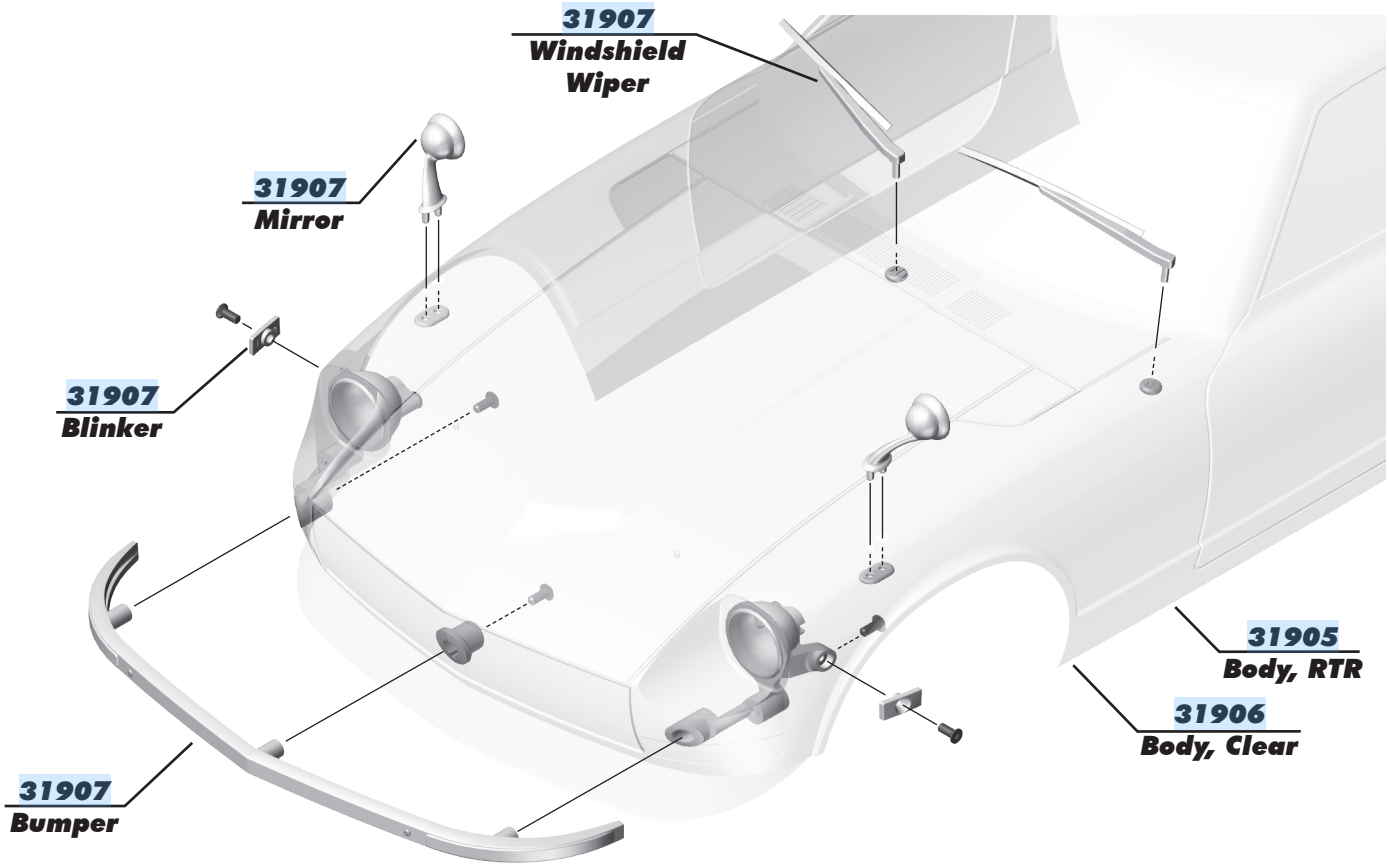
:: Tires and Body Build - Step 2



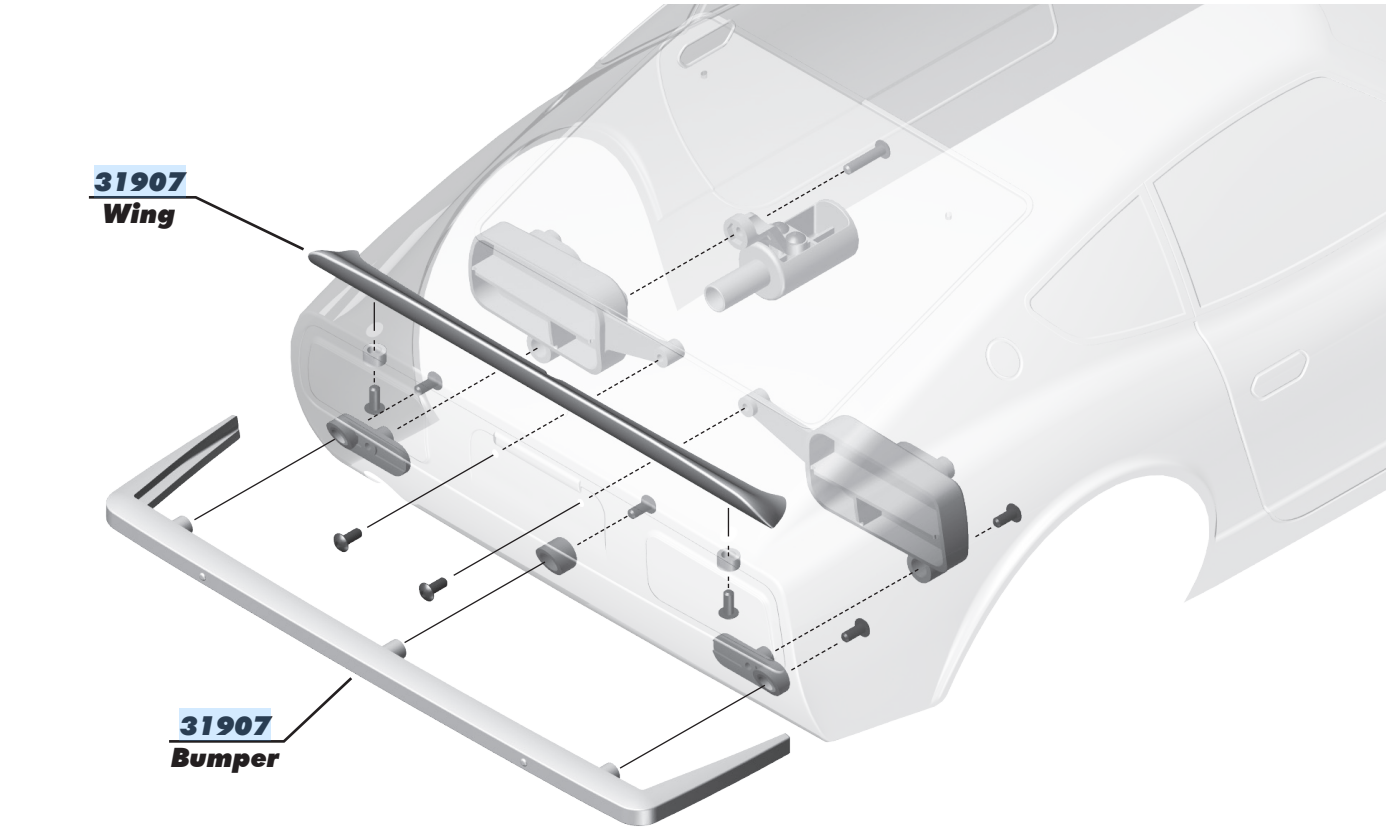
:: Tires and Body Build - Step 3



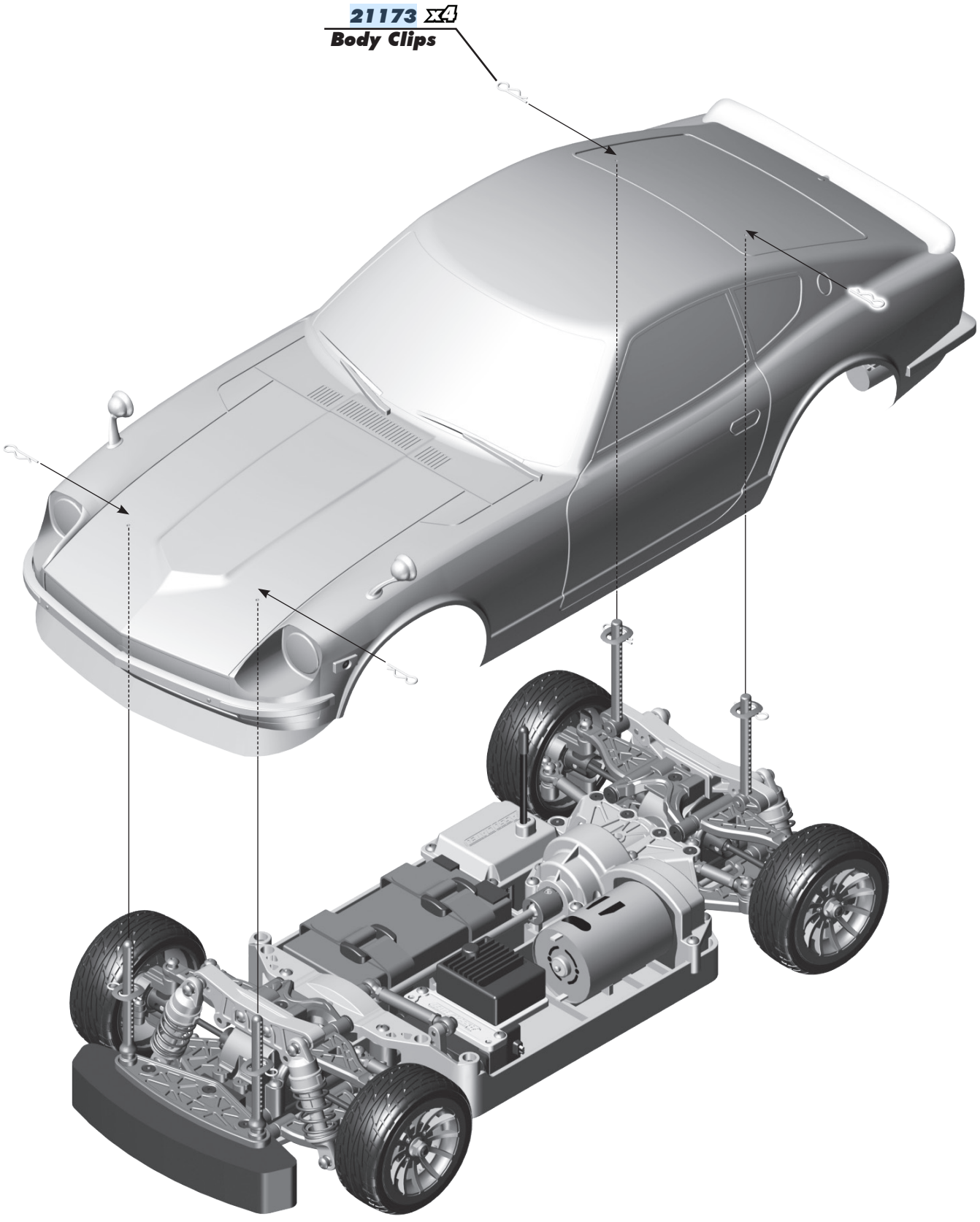
:: Tires and Body Build - Step 4



:: Tires and Body Build - Step 5



:: Tires and Body Build - Step 6



FIND IT ON ASSOCIATEDELECTRICS.COM

CARS & TRUCKS



Vehicle Spare Parts

GO TO:

AssociatedElectrics.com ➡
Team Associated tab ➡
Cars & Trucks ➡
Scroll to your vehicle ➡
Parts & Accessories link

SETUP SHEETS & MANUALS



Setups and Manuals

GO TO:

AssociatedElectrics.com ➡
Team Associated tab ➡
Manuals & Setups ➡
Scroll to your vehicle

A-TEAM APPS

WEB APPS

Tuning Guides & Tips

GO TO:

AssociatedElectrics.com ➡
Support ➡
A-Team Apps

ASSOCIATED ELECTRICS
Since 1965

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

call: (949) 544-7500 - fax: (949) 544-7501

Check out the following web sites for all of our kits, current products, new releases, setup help, tips, and racing info!

www.AssociatedElectrics.com

FOLLOW US ON SOCIAL MEDIA

TeamAssociated
ReedyPower

@TeamAssociatedRC
@ReedyPower

@Team_Associated
@ReedyPower