

# MT12 MONSTER SERIES

#40008C MT12 Monster Series Monster Van



1:12 Scale Ready-To-Run  
Electric 4x4 Monster Van



**READY-TO-RUN**

1:12 Scale Ready-To-Run Electric 4x4 Monster Van Manual & Catalog



**CHAMPIONS** *by* **DESIGN**  
TeamAssociated.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 RTR. 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**

- Open front and rear differentials
- Steel pivot balls
- Steel 4-link bars
- Servo on chassis steering
- Steel C-channel frame rails
- Servo saver
- Fluid-filled shocks with threaded shock bodies
- Adjustable shock holes on towers
- Aluminum wheel hexes
- Adjustable front and rear body posts
- Metal front CVA and rear solid axle shafts with 12mm hex adapters
- Black anodized aluminum battery/radio tray with hook and loop hold-down strap
- Plastic low-friction slider-type drive shafts
- 16-piece metal-shield ball bearing set
- 2.4GHz XP transmitter and receiver
- Reedy Power speed control with high-current T-plug connector
- Reedy brushed 380 motor
- 850mAh Li-Ion 7.4V 2-cell battery and charger

**:: 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 (x4)

**:: Other Helpful Items**

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

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



**Customer Service**  
Tel: 949.544.7500  
Fax: 949.544.7501

**:: Hardware - 1:1 Scale View****Button Head Screws (bhcs)**

|  |                  |
|--|------------------|
|  | 2x10mm (41072)   |
|  | 2.5x6mm (31520)  |
|  | 2.5x8mm (31521)  |
|  | 2.5x10mm (31522) |
|  | 2.5x12mm (21582) |
|  | 2.5x14mm (41073) |
|  | 2.5x18mm (81259) |
|  | 2.5x20mm (41074) |
|  | 2.5x25mm (41075) |
|  | 3x4mm (91158)    |
|  | 3x8mm (31532)    |
|  | 3x10mm (25211)   |
|  | 3x20mm (25188)   |

**Flat Head Screws (fhcs)**

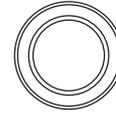
|   |                  |
|---|------------------|
|  | 2.5x10mm (31350) |
|  | 2.5x12mm (41076) |
|  | 3x6mm (31541)    |
|  | 3x8mm (25201)    |

**Socket Head Screws (shcs)**

|   |                  |
|---|------------------|
|  | 2x4mm (41070)    |
|  | 2x5mm (31511)    |
|  | 2x8mm (7187)     |
|  | 2.5x6mm (41079)  |
|  | 2.5x10mm (41087) |
|  | 2.5x14mm (71032) |
|  | 2.5x16mm (41086) |

**Bearings**

5x10x4mm (91560)



10x15x4mm (91563)

**Set Screws**

2.5x5mm (41119)



3x3mm (25225)

**Locknuts**M3 Locknuts (25215)  
Aluminum (31550)**Notes:**

**:: Table of Contents**

|                               |  |
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| 1..... Cover                  | 9 - 11.....Front / Rear Suspension Build |
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| 9.....Gear Differential Build |  |

**:: 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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## :: Quick Start Guide

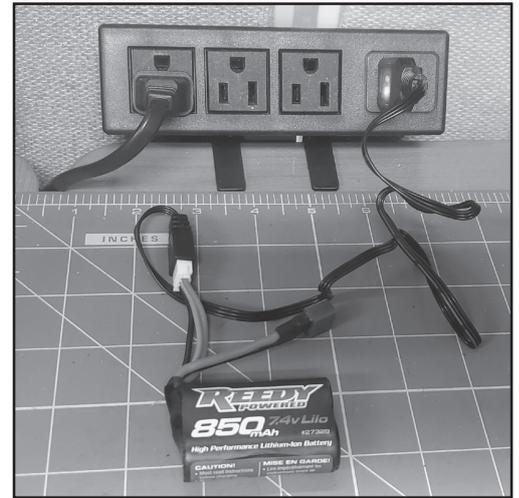
### Battery Charging Steps and Safety:

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 (if applicable).

**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.**



## :: Quick Start Guide - (cont.)

### Battery Installation:

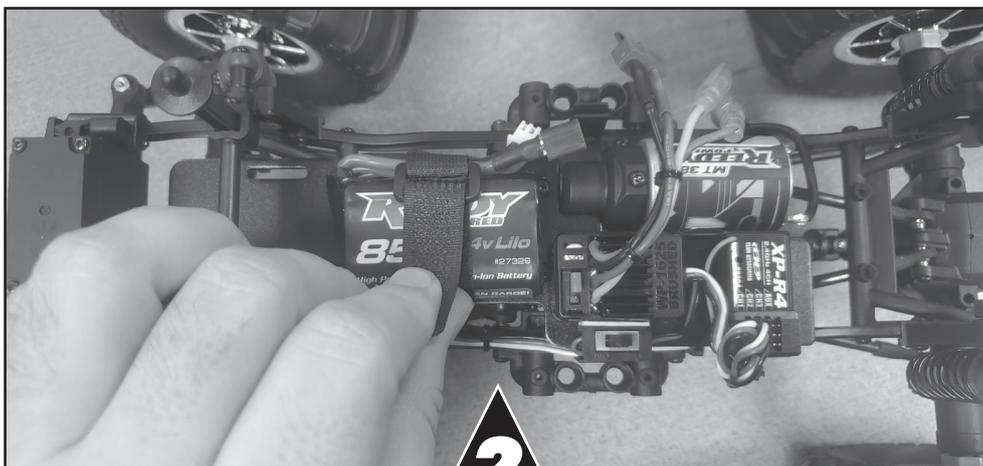
1. Install the battery with the battery wires directed towards the front of the vehicle.
2. Secure the hook and loop strap.

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.

# 1



## :: Quick Start Guide - (cont.)



# 2

## :: Quick Start Guide - (cont.)

### Battery Notes and Tip:

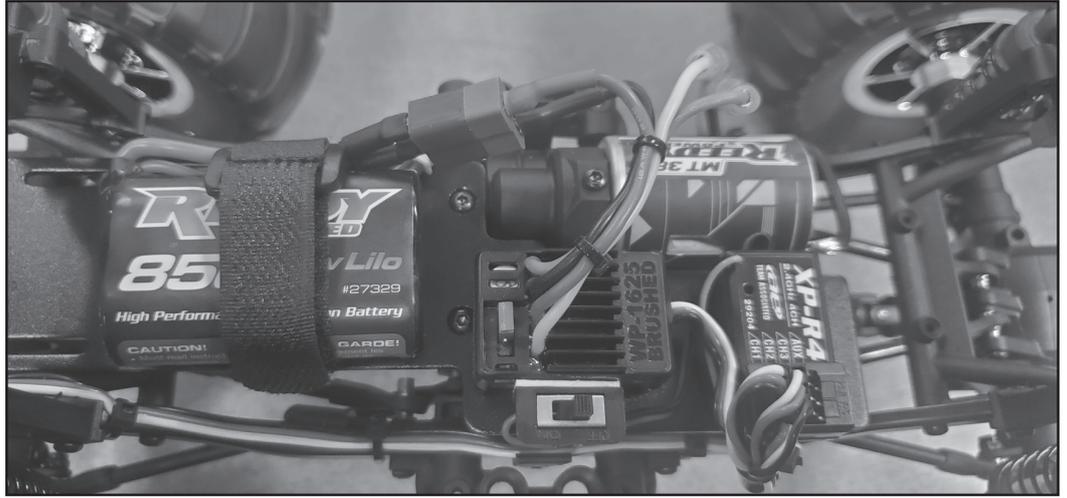
Connect the battery as shown.  
Disconnect the battery when not in use!

**LiPo/LiLo:** LiPo/LiLo batteries (lithium polymer / Lithium Ion) are high current rechargeable batteries. LiPo/LiLo batteries offer extended run time and peak performance over NiMH batteries. They require a peak detection charger designed specifically for LiPo/LiLo batteries.

These batteries require special care and handling.

LiPo/LiLo batteries are recommended for advanced users only!

**ALWAYS** charge a LiPo/LiLo battery in LiPo/LiLo mode.



## :: 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.



## :: Quick Start Guide - (cont.)

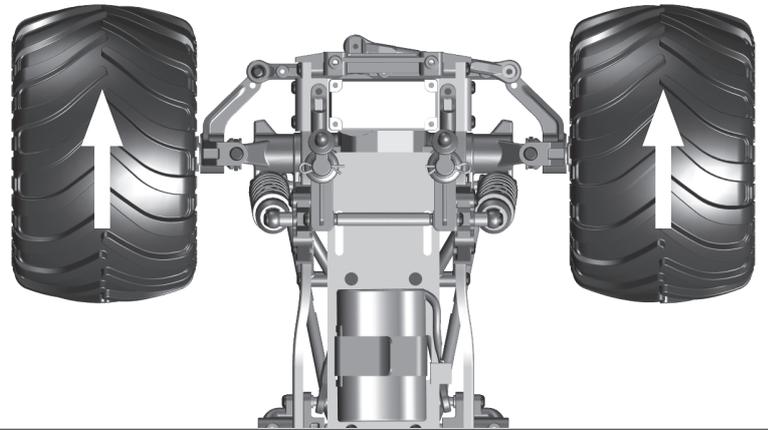
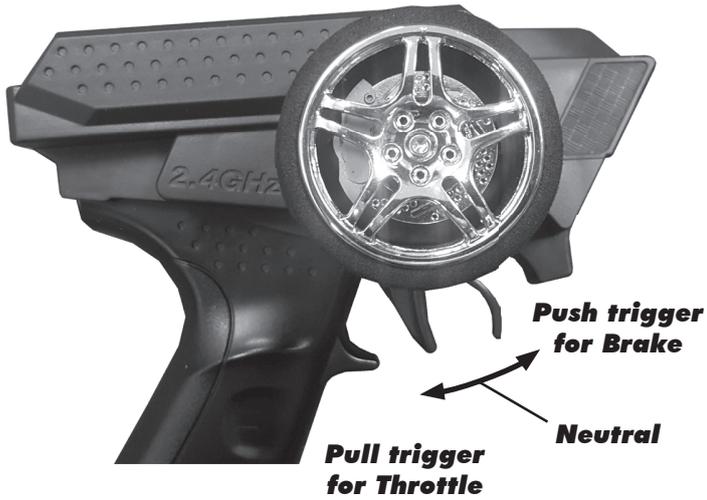
### Radio System Tuning and Controls:

**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.

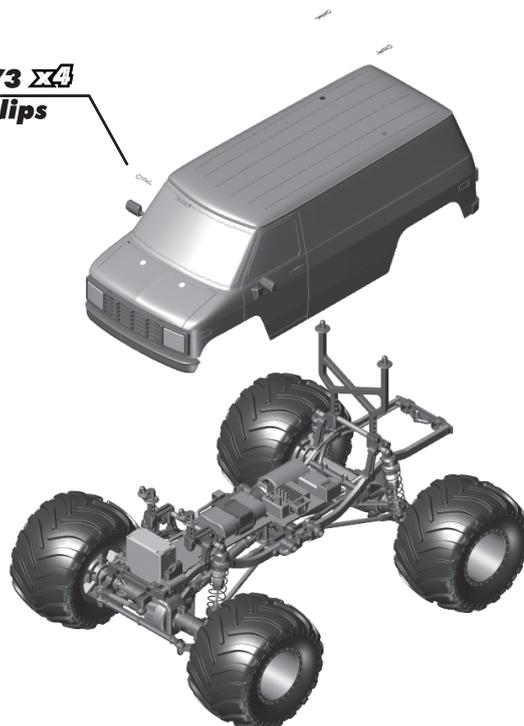
Refer to Radio owners manual for more in-depth instructions on radio operation and functions.

**Adjust steering trim so front wheels point straight.**



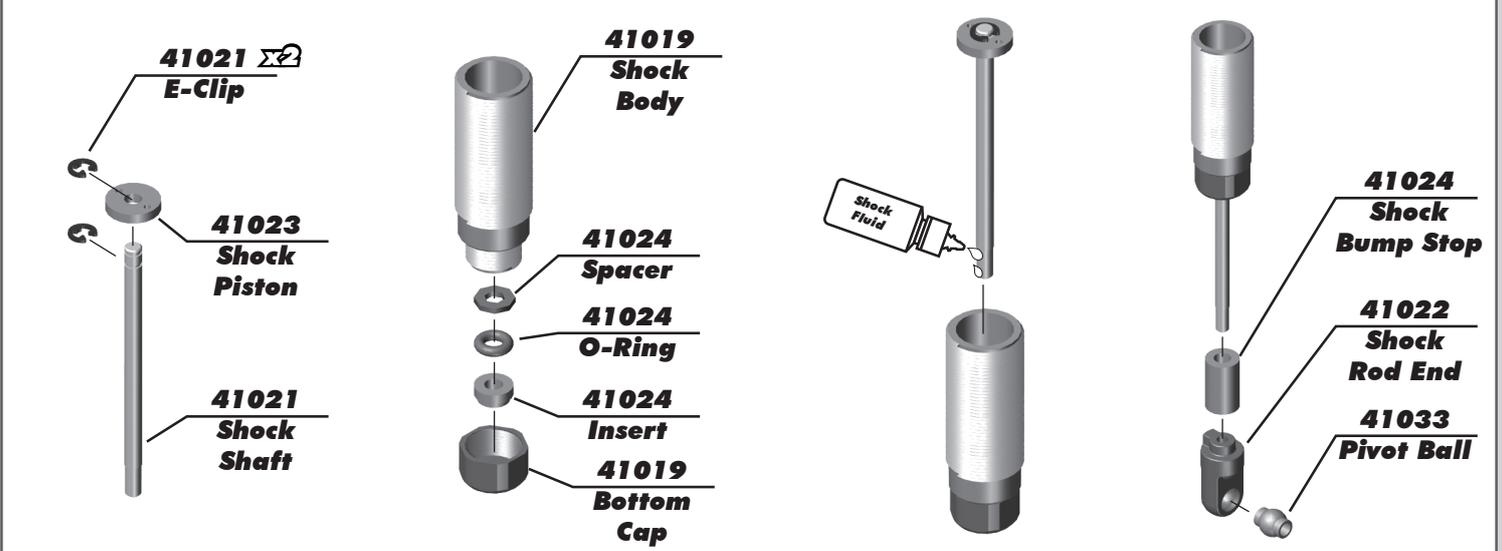
## :: Quick Start Guide - (cont.)

**21173 x4**  
**Body Clips**

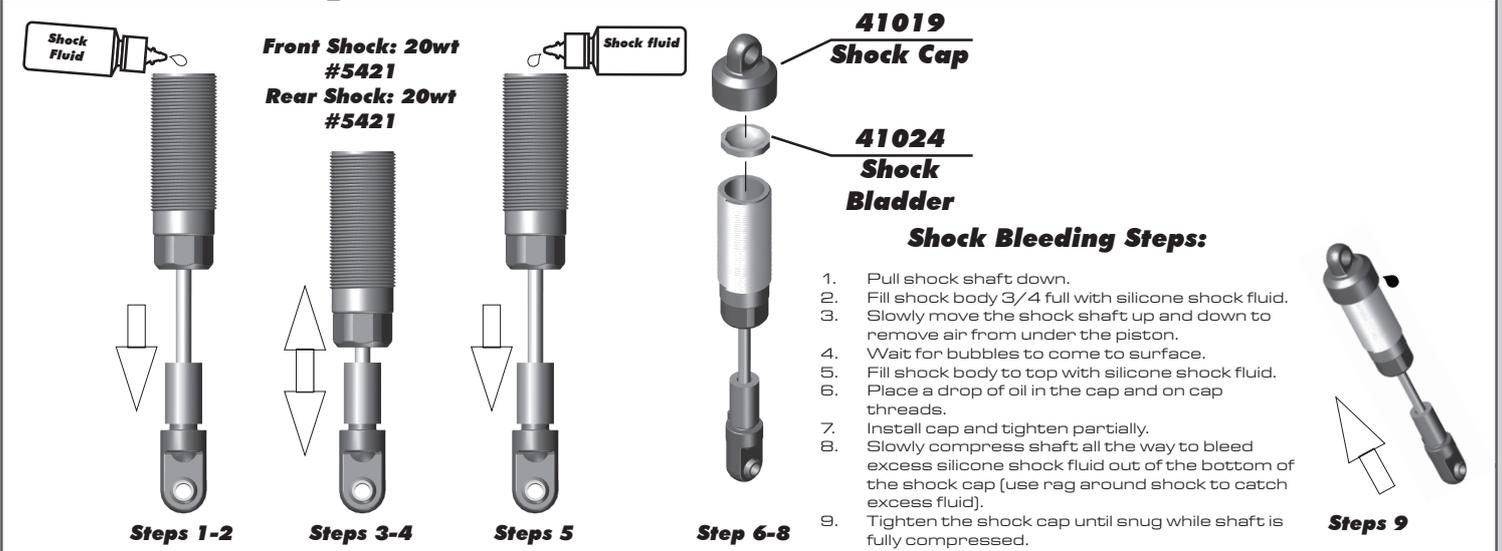


**Install body and body clips.  
Ready to go!**

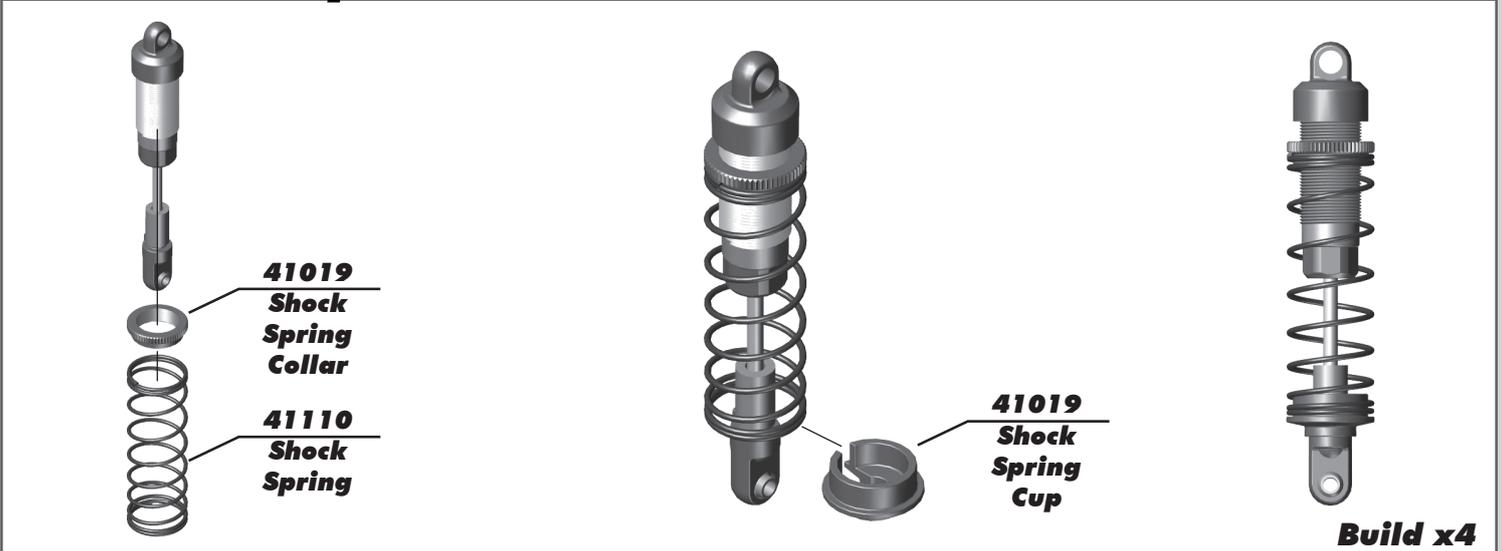
**:: Shocks Build - Step 1**



**:: Shocks Build - Step 2**

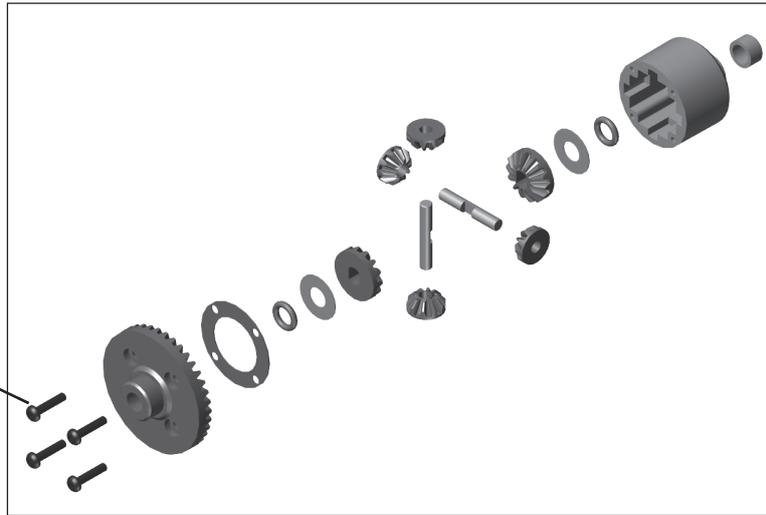


**:: Shocks Build - Step 3**



**:: Front / Rear Differential Build - Step 1**

**41072**  $\Sigma 4$   
2x10mm  
BHCS



**41114**  
Differential  
Set, Open



**Build x2**

**:: Front / Rear Axle Build - Step 1**

**41004**  
Front Axle  
Housing

**91560**  $\Sigma 2$   
5x10x4mm  
Bearing

**25188**  $\Sigma 4$   
3x20mm  
BHCS

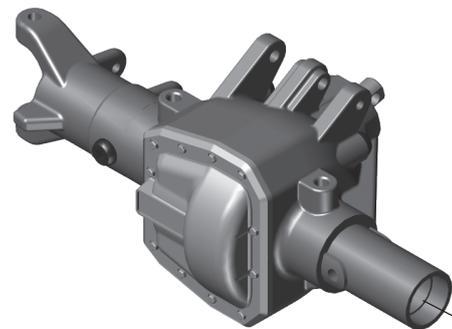
**41007**  
Input  
Pinion  
Gear

**41008**  
Input Pinion  
Gear Shaft

**25201**  
3x8mm  
FHCS

**41004**  
Front Axle  
Housing Cap

**91563**  $\Sigma 2$   
10x15x4mm  
Bearing



**91158**  $\Sigma 2$   
3x4mm  
BHCS

**41004**  
Front Axle  
Hubs

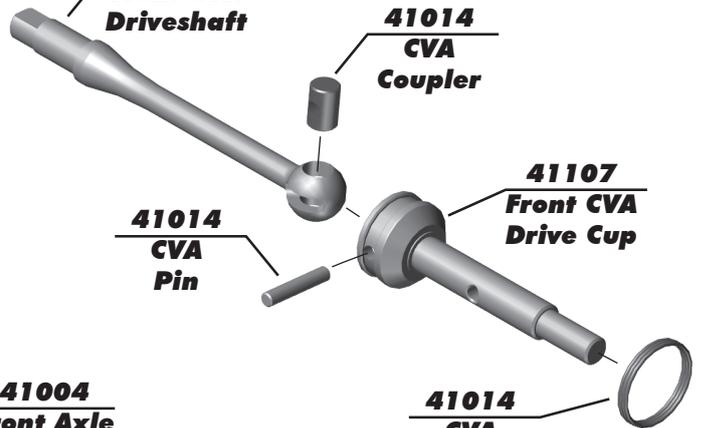
**41108**  
Front CVA  
Driveshaft

**41014**  
CVA  
Coupler

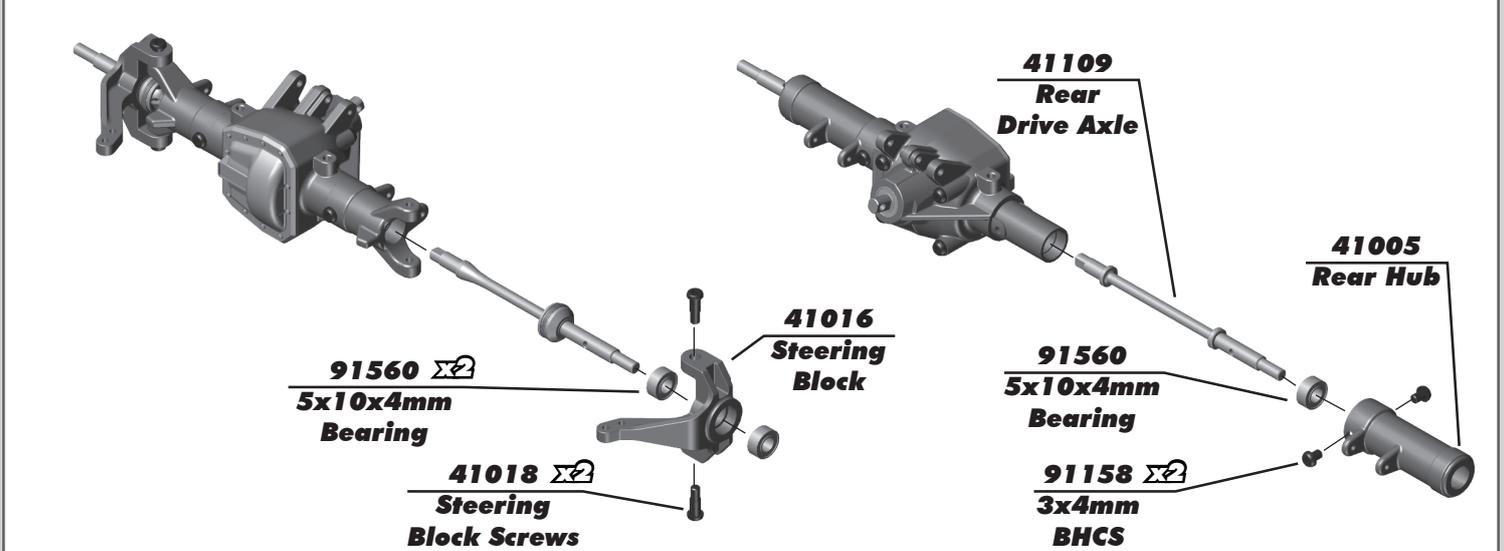
**41014**  
CVA  
Pin

**41107**  
Front CVA  
Drive Cup

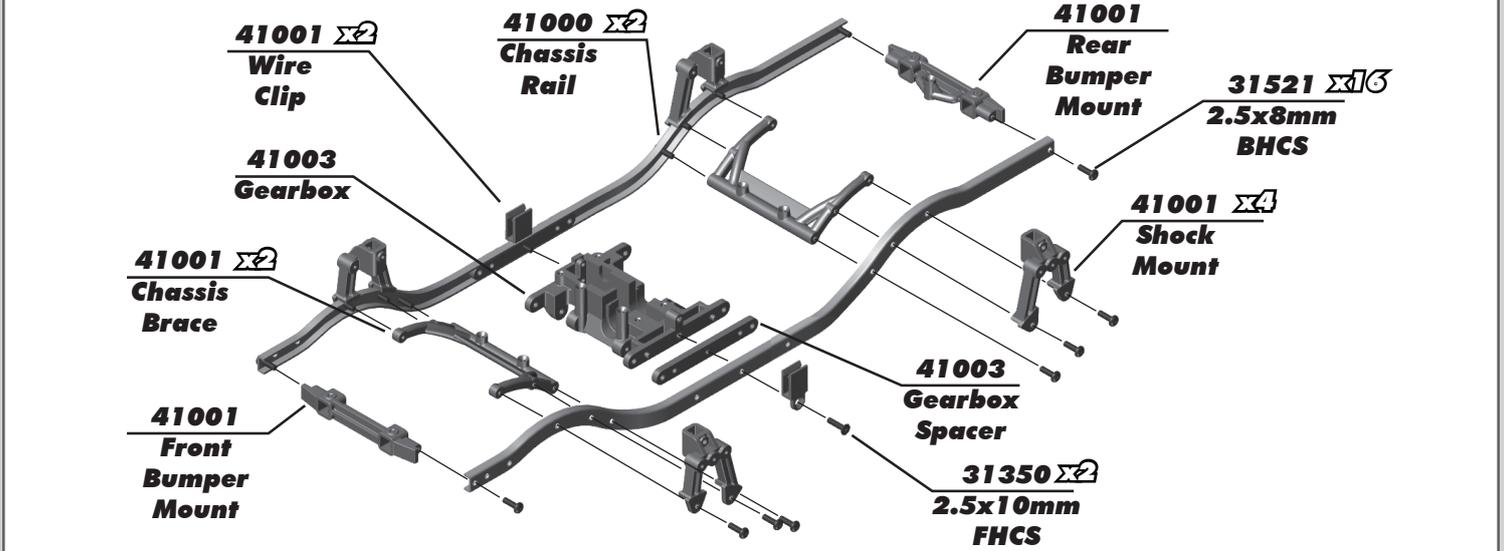
**41014**  
CVA  
Ring



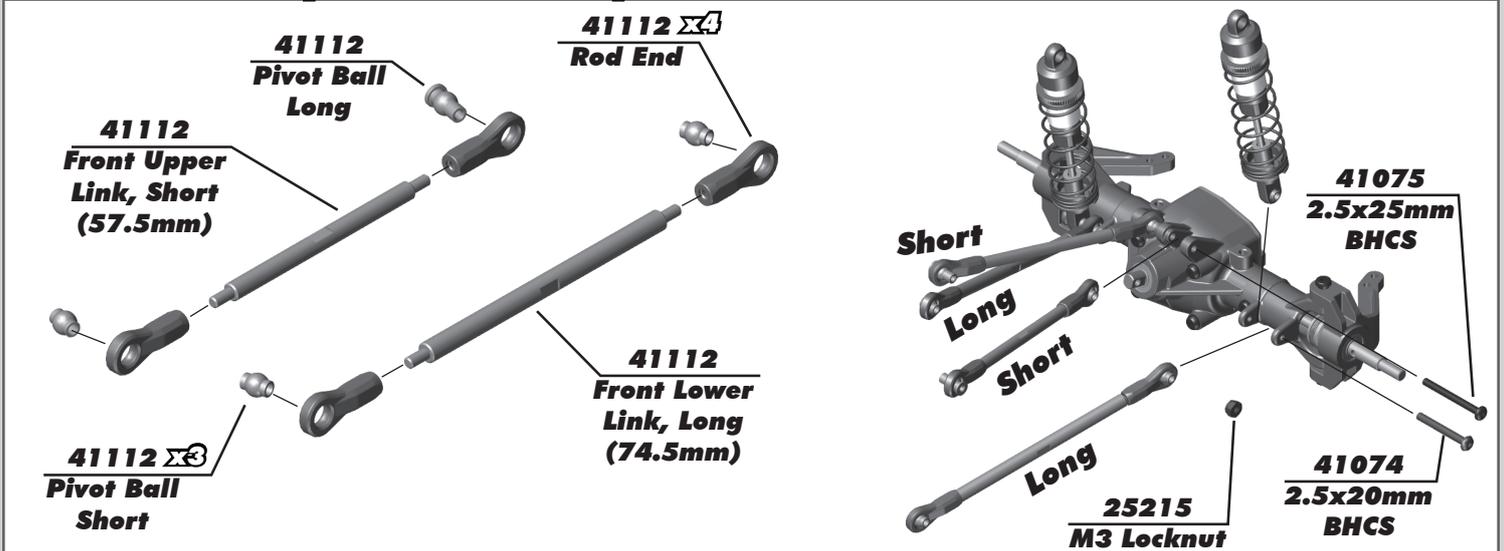
**:: Front / Rear Axle Build - Step 3**



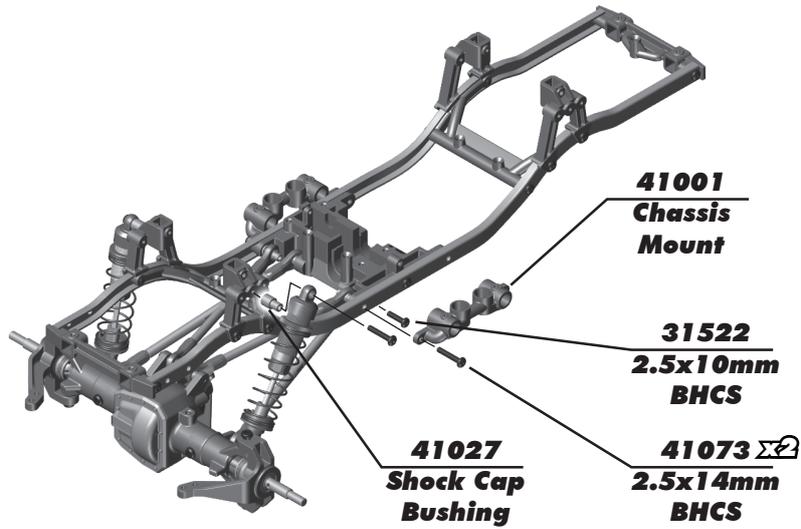
**:: Chassis Build - Step 1**



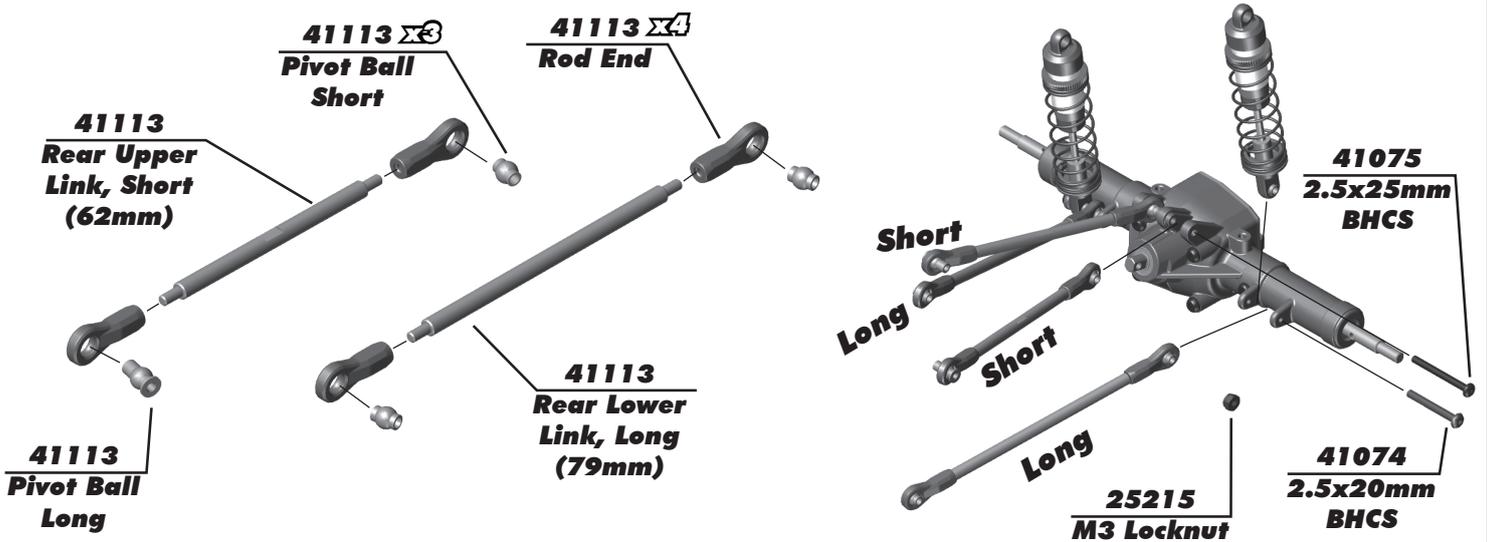
**:: Front / Rear Suspension Build - Step 1**



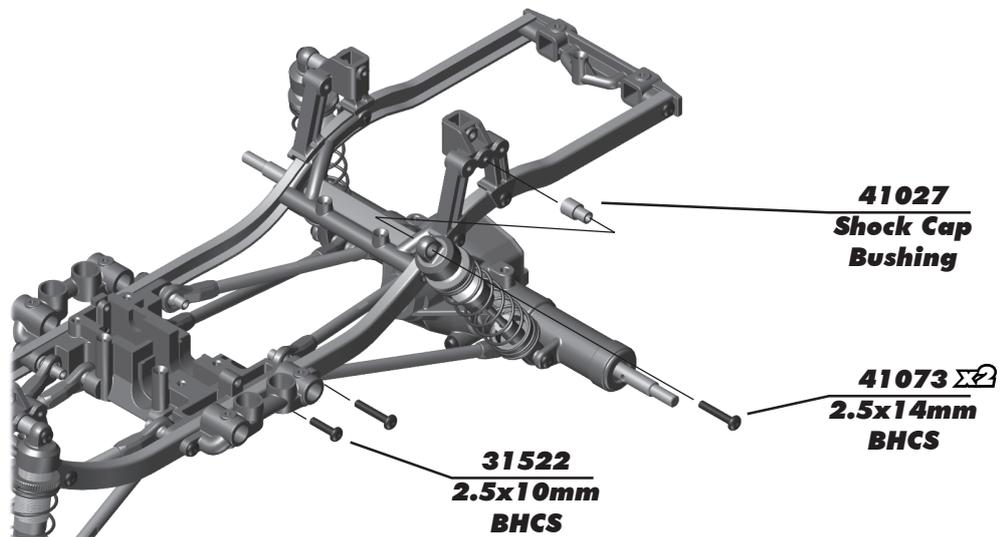
**:: Rear Suspension Build - Step 2**



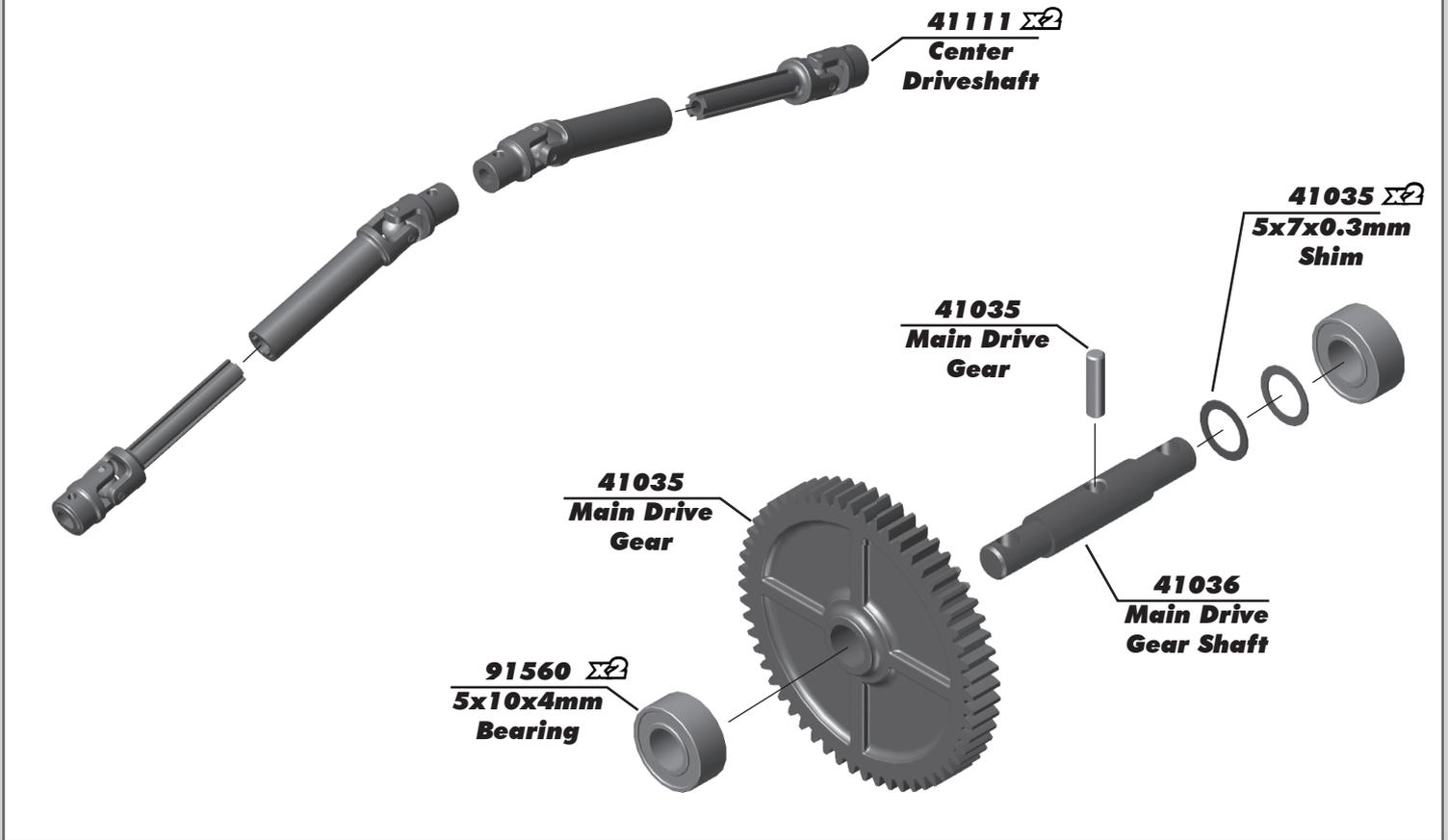
**:: Front / Rear Suspension Build - Step 3**



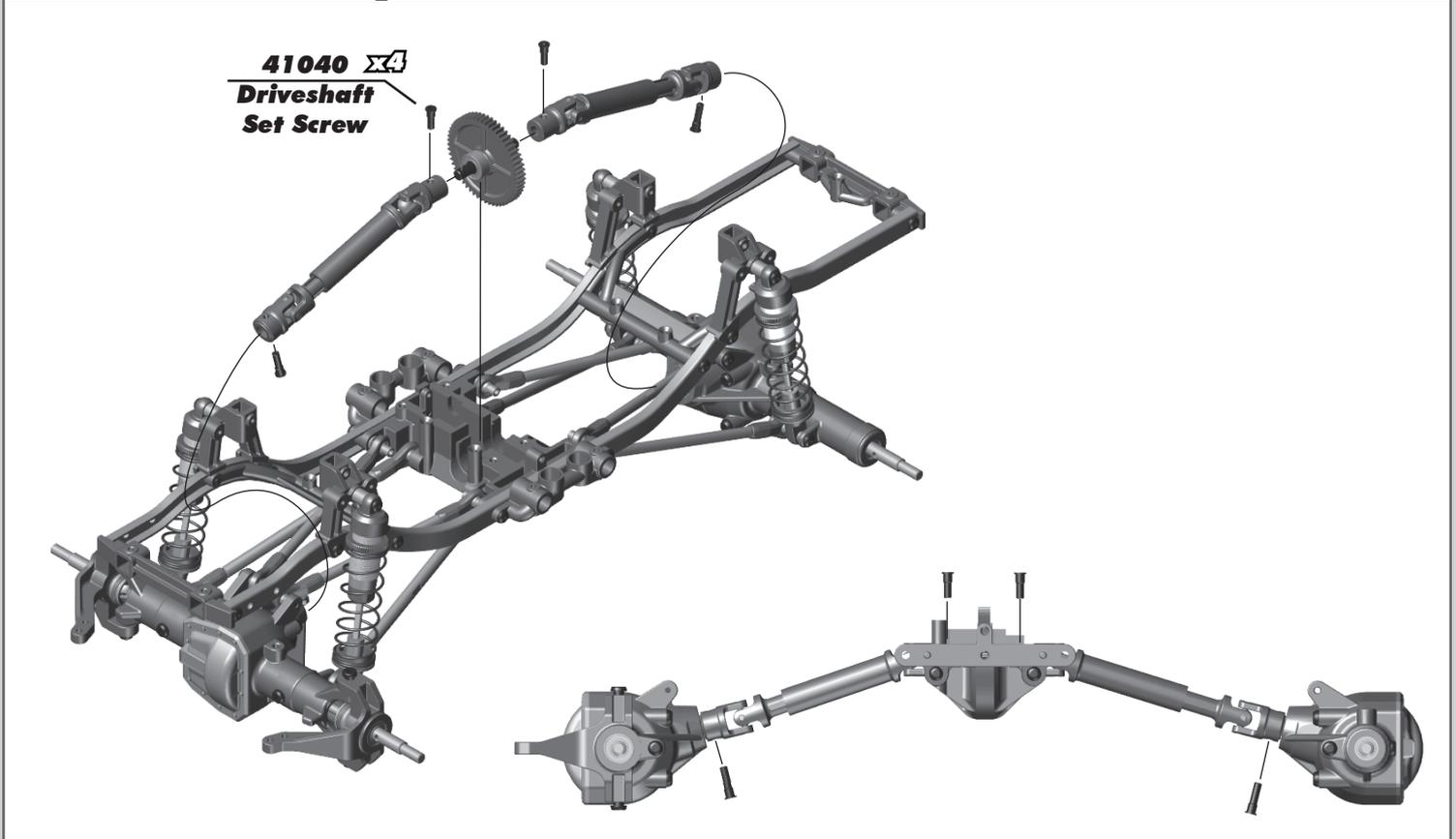
**:: Front / Rear Suspension Build - Step 4**



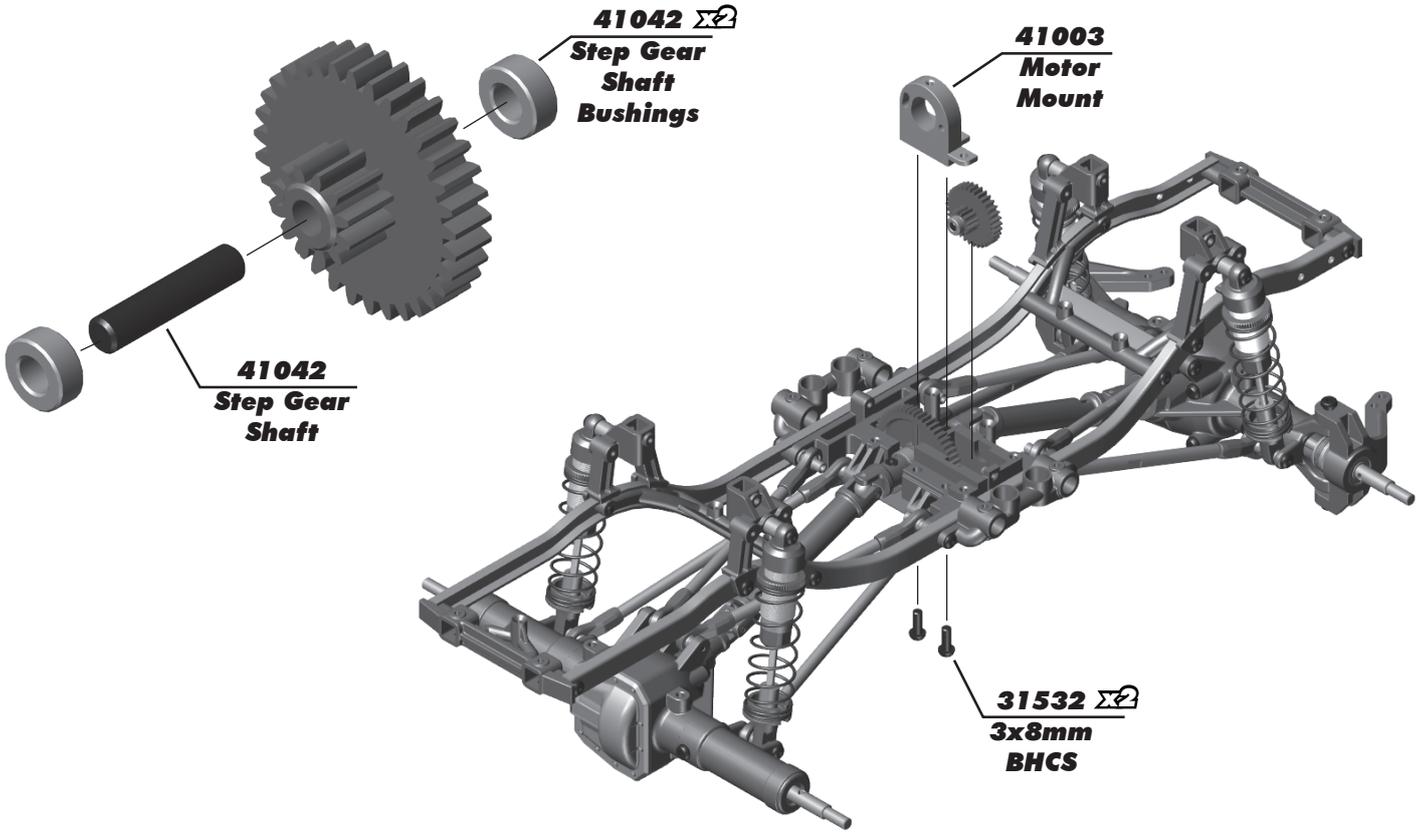
**:: Drivetrain Build - Step 1**



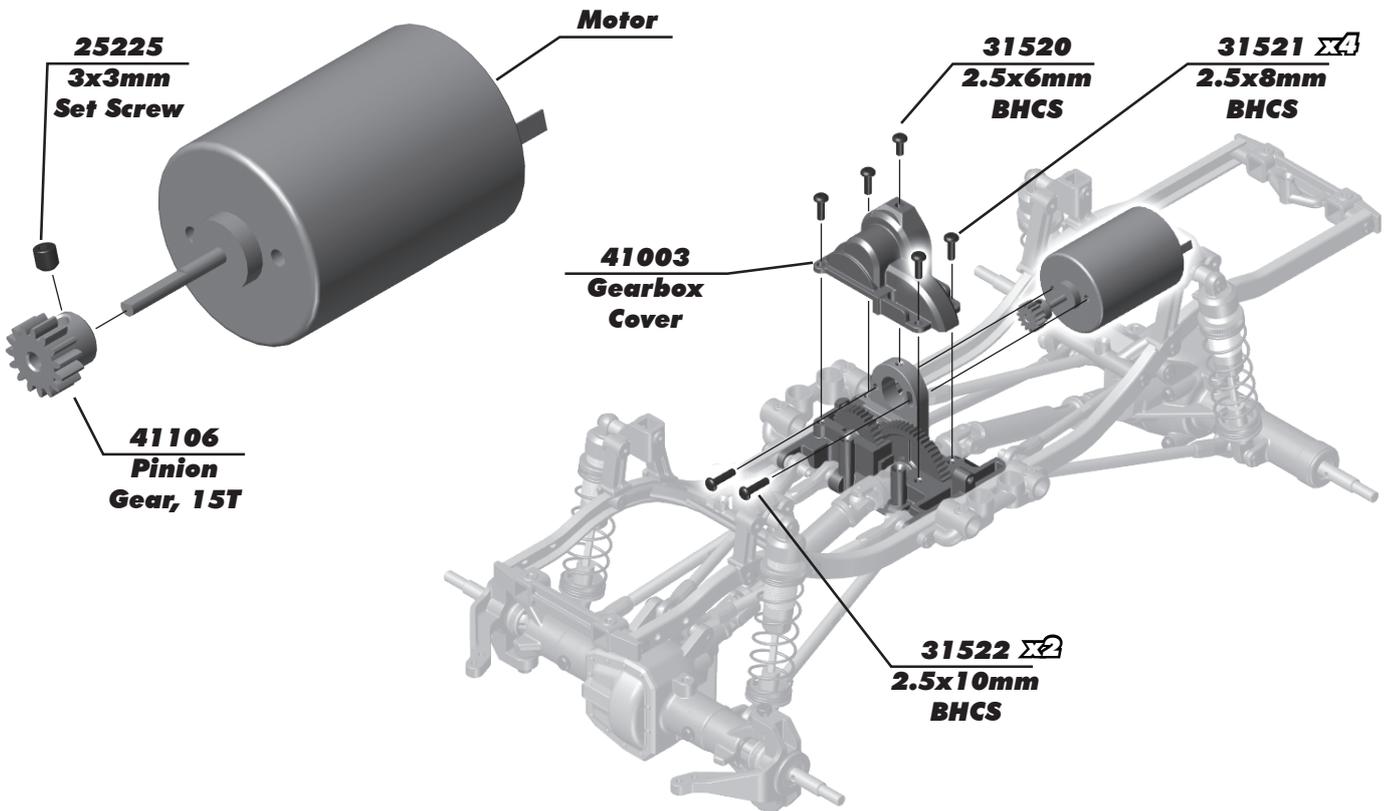
**:: Drivetrain Build - Step 2**



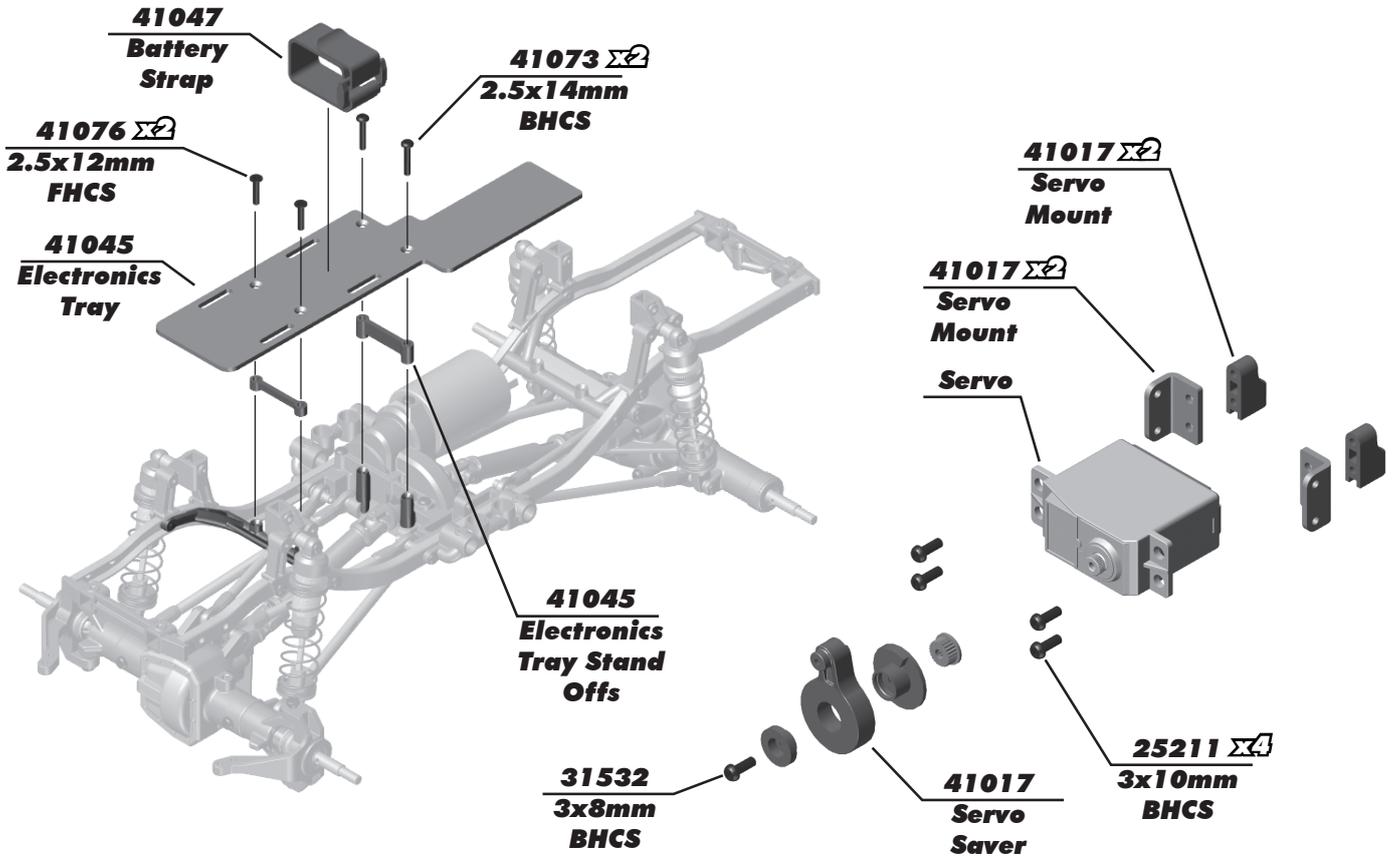
**:: Drivetrain Build - Step 3**



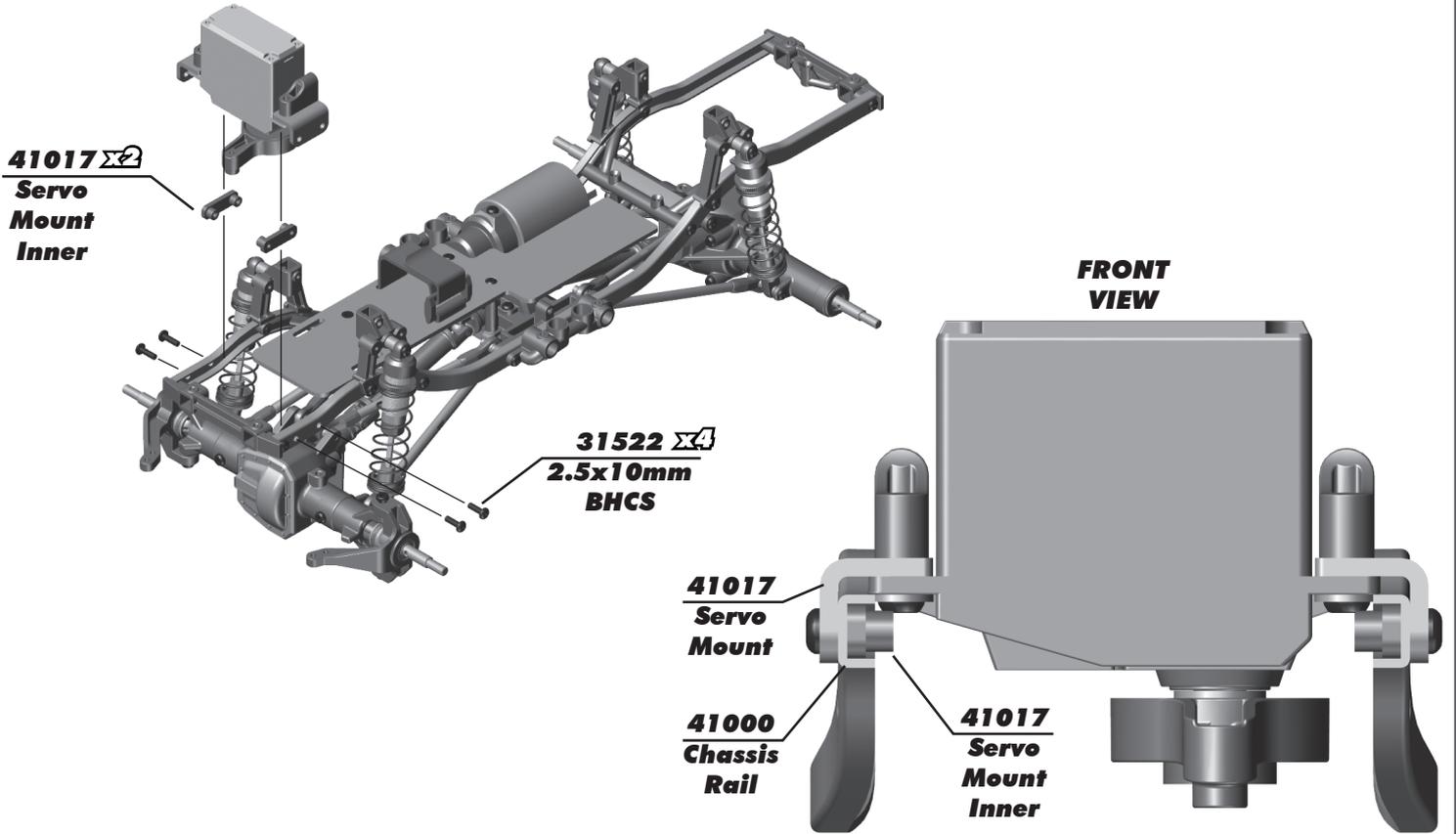
**:: Electronics Build - Step 1**



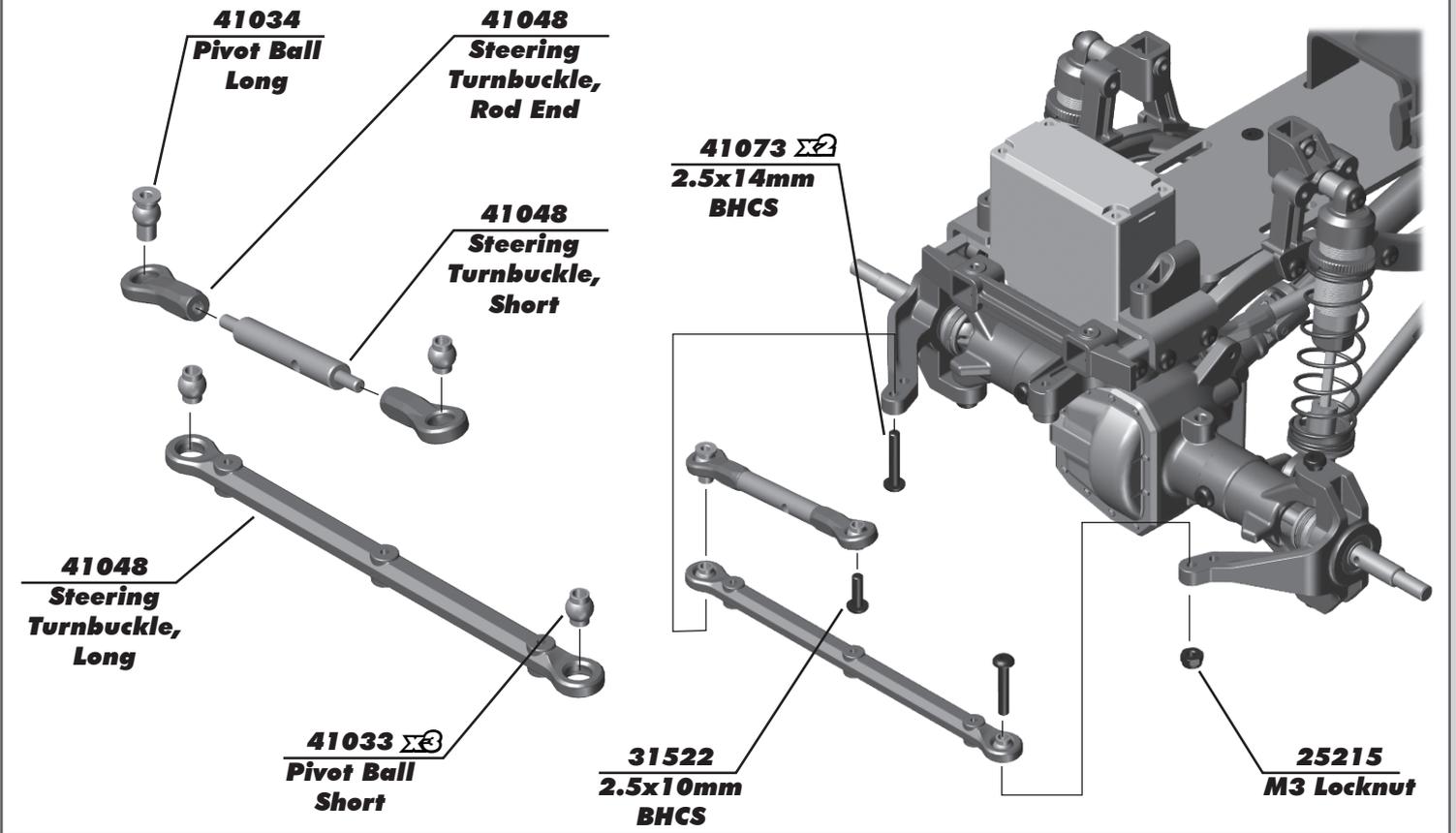
**:: Electronics Build - Step 2**



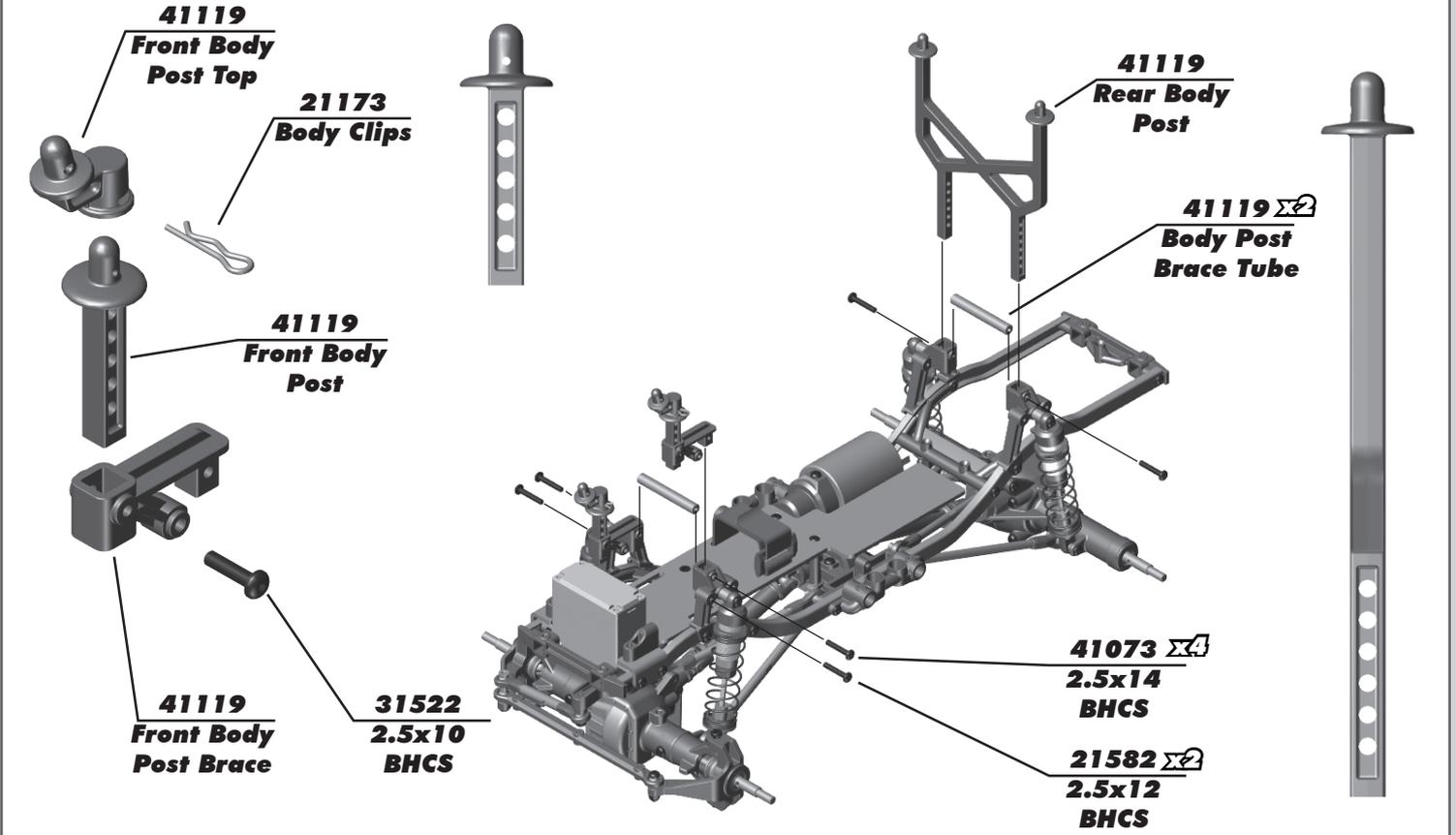
**:: Electronics Build - Step 3**



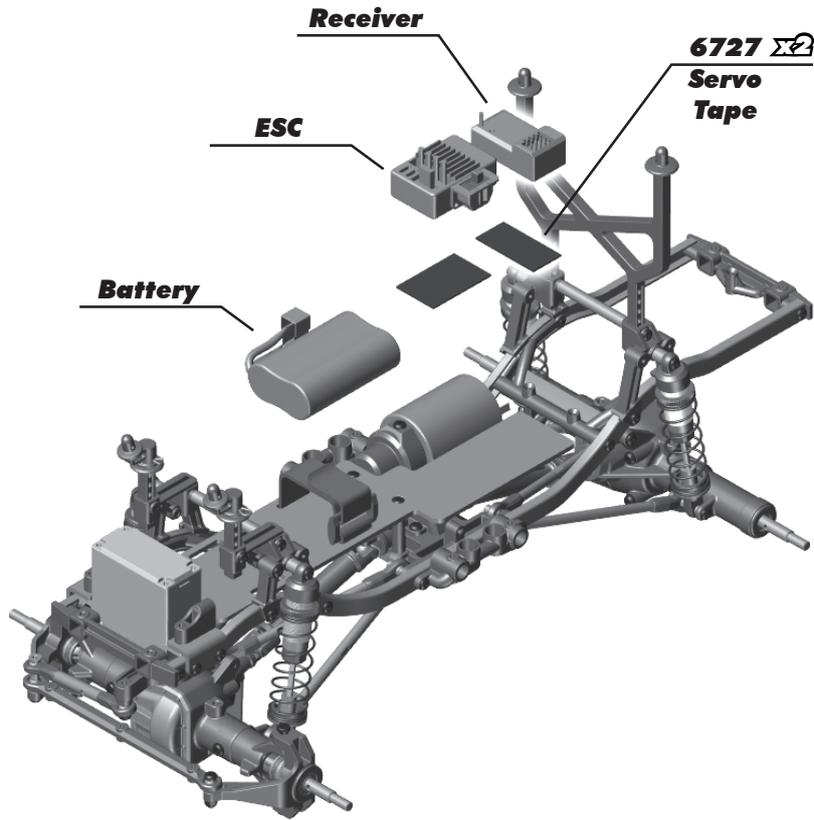
**:: Electronics Build - Step 4**



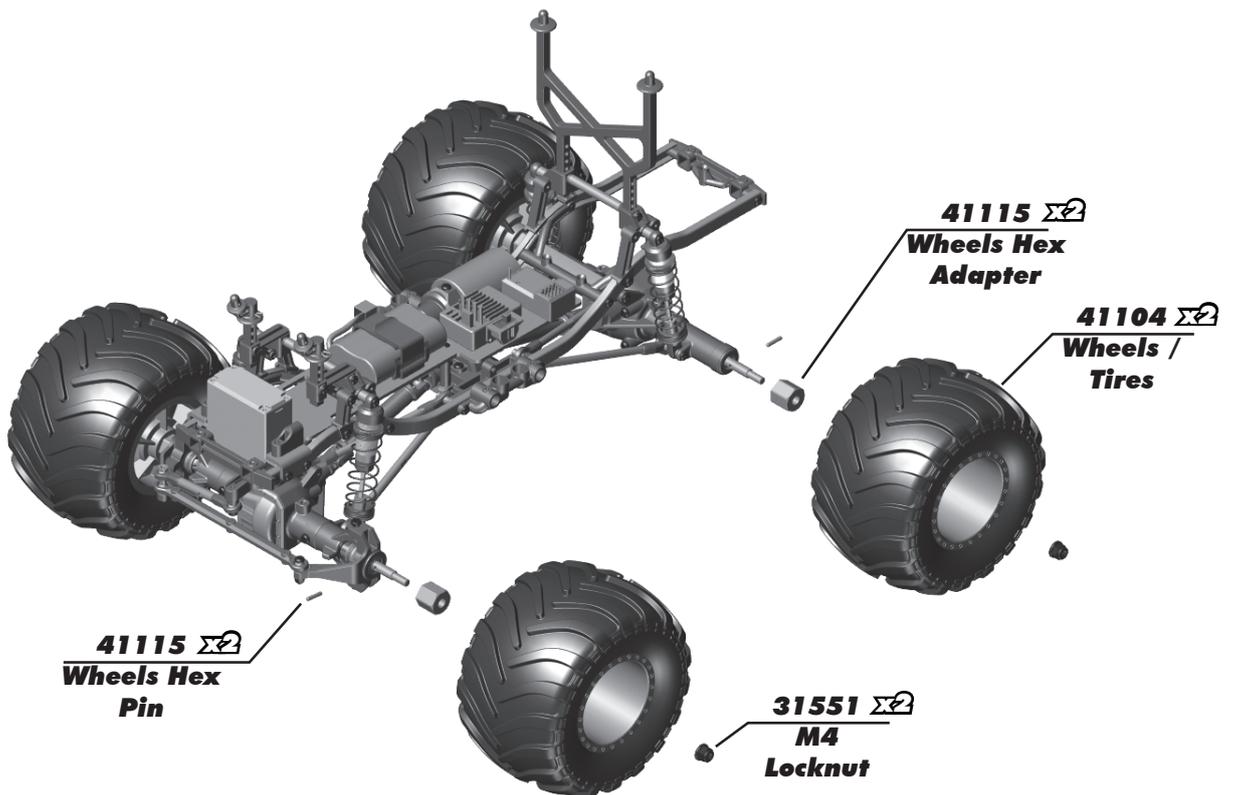
**:: Electronics Build - Step 5**



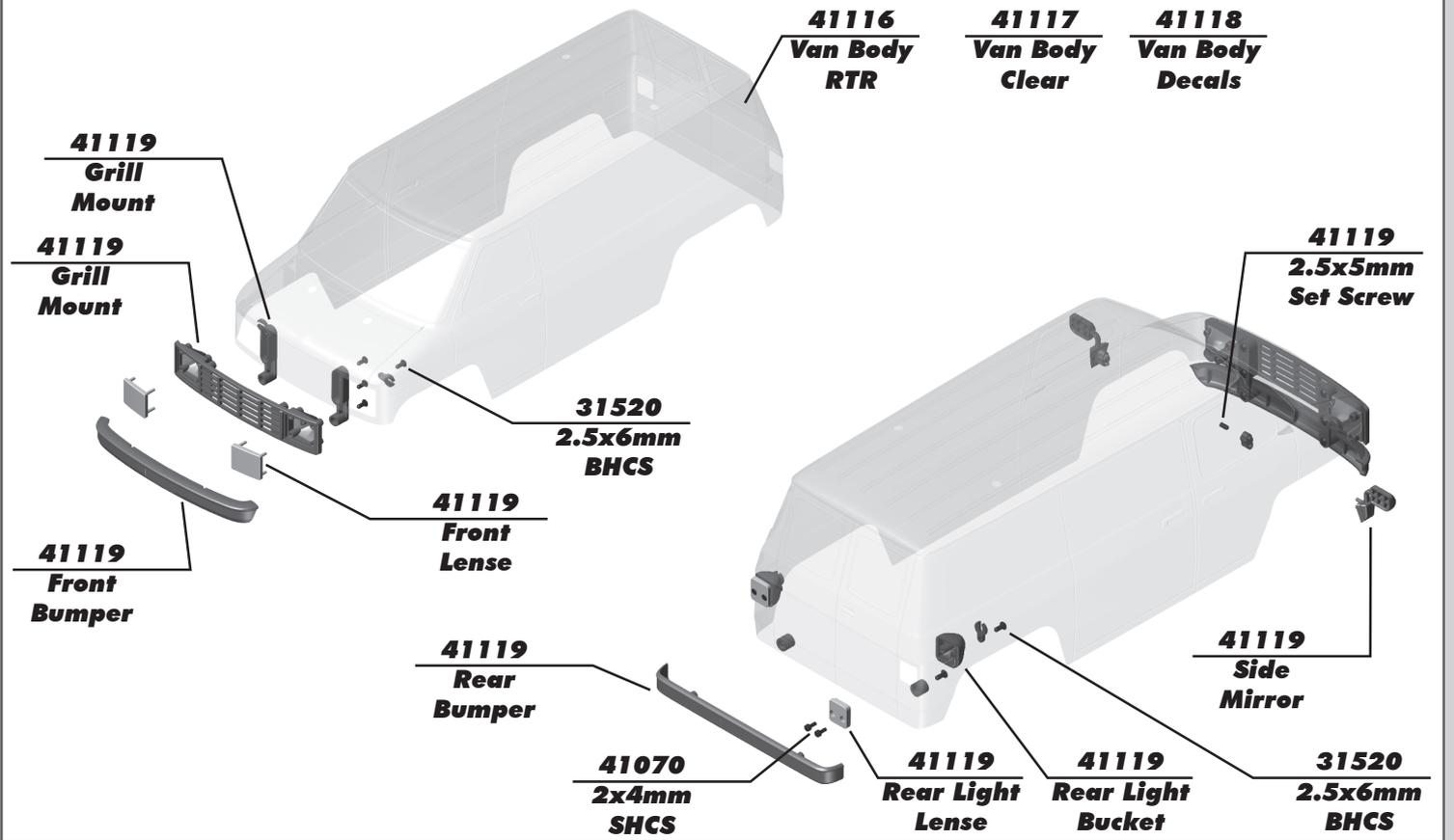
**:: Electronics Build - Step 6**



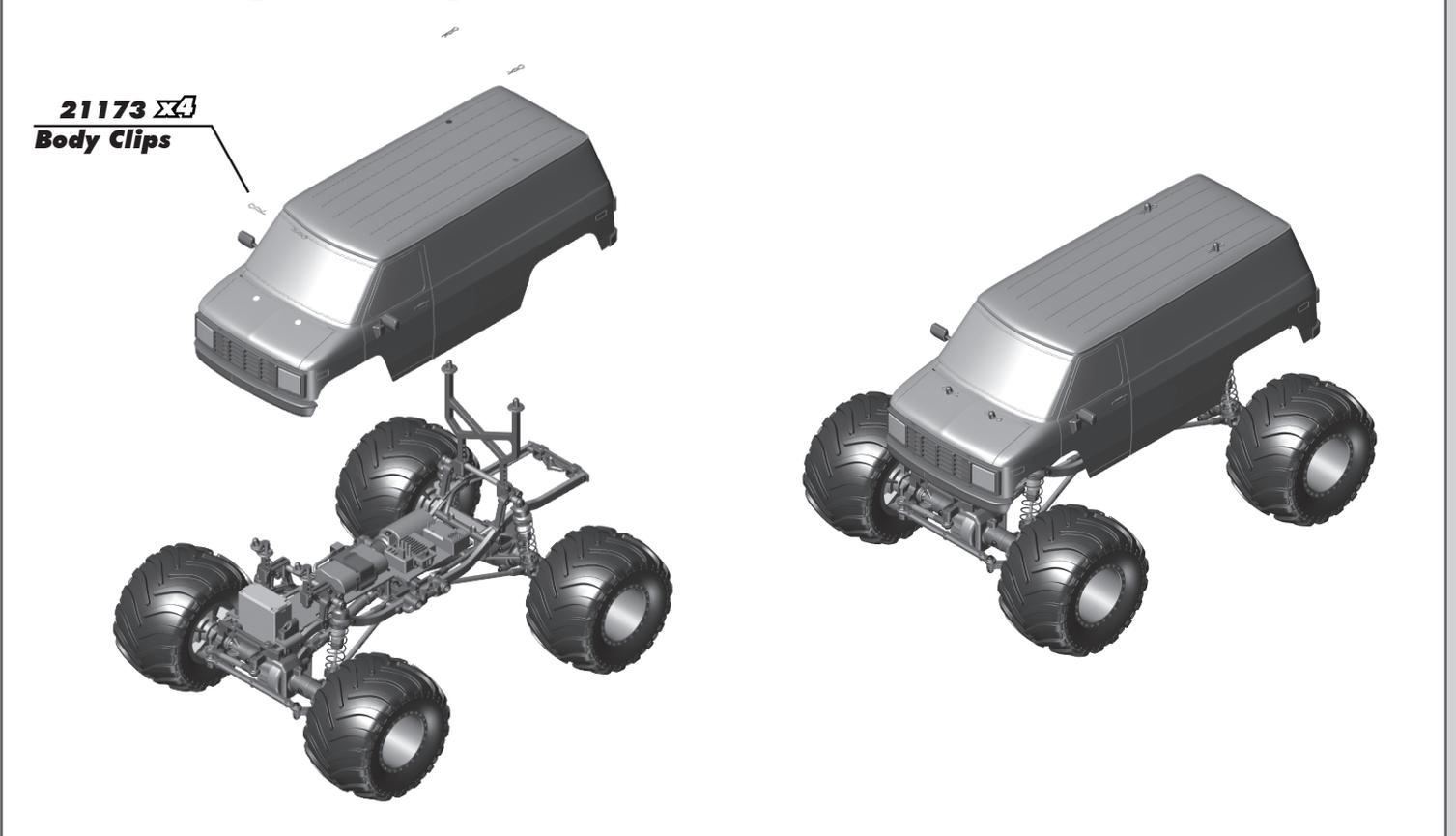
**:: Tires and Body Build - Step 1**



**:: Tires and Body Build - Step 2**



**:: Tires and Body Build - Step 3**



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