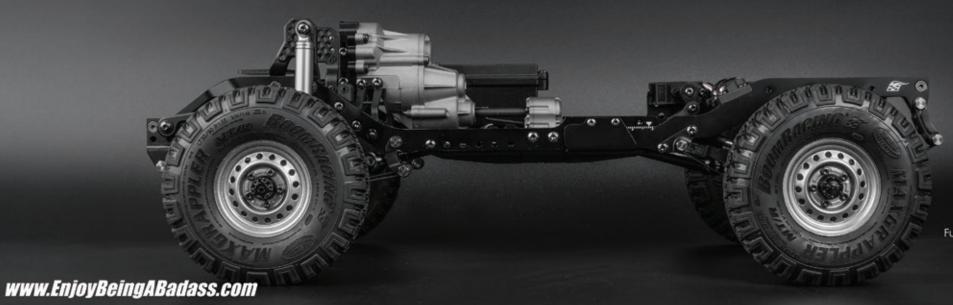




ADJUSTABLE WHEELBASE 1/10 4WD RADIO CONTROL CHASSIS KIT



Product Codes: Full Kit w/ Zil Pickup Body - BR8010 Builder's Kit - BR8011 INSTRUCTION MANUAL VERSION 1.2

Photo for reference only.

BUILT TO ADAPT, ENGINEERED TO PERFORM

Welcome to the Boom Racing Family!

Congratulations on your new BRX01 AWB chassis! You now own a truly extraordinary platform, engineered for adaptability and high performance.

Your Unique Vehicle Identity

Every BRX01 AWB comes with a customized chassis plate and a pair of unique license plates. The chassis plate includes your Vehicle Identification Number (VIN #) and vehicle number, which matches the license plates. Use both numbers to register your chassis and unlock exclusive benefits.

★Why Register?

By registering, you'll get access to:

- ✓ Vehicle history and details
- √ Factory warranty and replacement parts
- ✓ Exclusive event promotions at Boom Racing events
- ✓ Mileage tracking through Scaletra app

- How to Register?

- 1. Visit BoomRacing.com > Vehicle Registration
- 2. Log in or create an account.
- Fill out the vehicle registration form. In the chassis detail section, select the car model BRX01 AWB, and use the vehicle number and VIN number found on the chassis plate.
- 4. Submit the form. If the details are correct, your vehicle will be registered immediately.

Track Your Adventures with Scaletra

We're excited to partner with **Scaletra Adventure**, the RC tracking app for scale trail enthusiasts. Scaletra lets you log your trail runs, build your virtual RC garage, join challenges, and connect with the community, and more!

As a BRX vehicle owner, you get exclusive benefits:

- Automatically sync your registered vehicles from your Boom Racing account to Scaletra.
- Register new BRX vehicles directly on Scaletra they'll sync back to your Boom Racing account.
- Add an unlimited number of BRX vehicles to your Scaletra garage.
- · Vehicle mileage syncs back to your Boom Racing account.

Thank you for choosing Boom Racing. Now, get out there and commit some badassery!





BRXOI AWB No. 001 VIN#XXXXXXXX



Scan to register your BRX01 AWB

LICENSE PLATE



FRONT AND REAR



A Bolt-On Kit means parts of the chassis are pre-assembled and require minor assembly for completion. The factory assembled parts offer convenience for builders eager to get started. The BRX01 AWB kit includes factory pre-built axles, transmission, transfer case and shocks. Shocks require oil to be filled (included).



⚠ NOT RECOMMENDED FOR CHILDREN UNDER 14 ⚠

THIS CHASSIS KIT IS NOT A TOY. FIRST-TIME BUILDERS SHOULD SEEK ADVICE FROM PEOPLE HAVING BUILDING EXPERIENCE IN ORDER TO ASSEMBLE THE MODEL CORRECTLY. ASSEMBLE THIS KIT ONLY IN PLACES OUT OF CHLDREN'S REACH.



The Scale 4WD Series is Boom Racing's line of scale based 4WD R/C products geared towards realistic appearance.

A CAUTIONS A



BEFORE YOU PROCEED

Congratulations! Owning the BRX01 AWB is a truly special experience.

Carefully read and follow all instructions to prevent serious damage to your model. Failure to follow these instructions will be considered abuse and/or neglect.

Study the instructions thoroughly before assembly.

There are many small screws, nuts and similar parts. Assemble them carefully referring to the drawings. Follow the steps exactly as shown to build the vehicle correctly without issues.

If you decide to return the BRX01 AWB, do not begin assembly. Your hobby dealer will not accept a model for return or exchange after you have started assembly.

Boom Racing offers Spare Parts & Upgrade Options for improved performance. Visit our website (https://www.enjoybeingabadass.com) or your local Boom Racing dealer for assistance. Please note that specifications, availability and price are subject to change without notice.

SAFETY PRECAUTIONS

All of us here at Boom Racing want you to enjoy your new vehicle. Operate your BRX01-AWB sensibly and with care, and it will be exciting, safe and fun for you and those around you. Failure to operate your BRX01 AWB in a safe and responsible manner may cause damage and injury and void your warranty.

Follow these outlined rules for safe radio control operation

- Read carefully and fully understand the instructions before assembly.
- This model is not intended for use by children (minors) under 14 years of age without the supervision of a responsible and knowledgeable adult who should also read the instructions.
- · When assembling this kit, extra care should be taken to avoid personal injury. Keep out of reach of small children.
- Avoid running the vehicle in crowded areas and near small children.
- BRX01 AWB can be very fast and quiet. It could cause injury to those unaware of its presence.

Inspect Your BRX01 AWB Before and After Operation

- Make sure that all screws and nuts are properly tightened.
- . Use thread lock on screws for any metal on metal surface.
- Adjust steering servo and trim so that the BRX01 AWB runs straight with transmitter in neutral.
- · Disconnect/remove all batteries after operation.
- · Replace any batteries that have been dented, are bloated, or have frayed wires, short circuits can cause fire.
- Completely remove sand, mud, dirt etc after use to prolong the life of the BRX01 AWB.
- Maintain bearings by cleaning or replacing them regularly.

WARRANTY

Boom Racing's One (1) Year Factory Limited Warranty - A Peace Of Mind Right From The Start

WHO IS COVERED

This warranty is extended to the original end-user that registers it online (https://www.boomracing.com/vehicleregistration) only, whether purchased or received as a gift.

FACTORY LIMITED WARRANTY

What Is Covered and For How Long

Boom Racing warrants that all new products are free from defects in manufacturing, materials and workmanship for a period of one (1) year from date of retail purchase. The receipt or invoice at the time of purchase is your proof of purchase and is required for Boom Racing to honor any warranty.

What Is Not Covered

It does not cover defects or malfunction caused by user error of assembly, damages due to normal wear and tear, failure to follow operating instructions, misuse or abuse, users' failure to perform routine maintenance, or use with products with which is not intended to be used. It also does not cover damages caused by unauthorized alteration, modification or repair. It does not cover cosmetic or incidental damages. Boom Racing does not warrant or provide service or support for any third party products.

The JX mini servo warranty will be void if it is disassembled.

What We Will D

We will, at our discretion, repair or replace any product free of charge that is incorrectly made or proves to be defective in material or workmanship during the warranty period. If your product is no longer being manufactured or is out of stock, we may replace your product with a comparable or improved product at our option.

What We Will Not Do

We will not pay for shipping, insurance or transportation charges from you to us, or any import fees, duties and taxes.

What To Do To Obtain Warranty Service

To obtain warranty service for products purchased from a third-party, retail or directly from Boom Racing you must return the product with proof of purchase using the following procedures:

- 1. Contact Boom Racing Customer Support for specific warranty instructions via our website, by email, telephone, or our social media accounts:
 - · Online @: https://www.boomracing.com/contact-us
 - Email: sales@boomracing.com
 - Facebook Messenger: (www.fb.com/boomracingrc) or Instagram: DM @boom_racing

You may be asked to complete a warranty service request form. A copy of your purchase receipt may be required.

- 2. Our Customer Support may ask you to return and ship the defective product back to us. Label and ship the product, freight prepaid, to the address provided by Boom Racing; and
- 3. Place any necessary return authorization number prominently on the outside of the return packaging. Return packaging not bearing a return authorization number where required may be refused.

Boom Racing reserves the right to final decision, change or modify this warranty without notice.

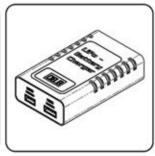
Equipment Required



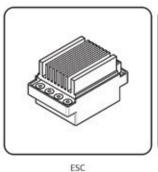
3CH Radio

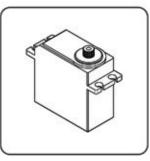


Battery



Charger

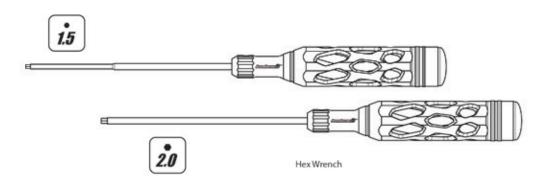






Steering Servo 540/550 Motor

Tools Recommended











Thread Lock
Apply thread lock to places shown by this mark.
Apply thread lock first, then assemble.
(Do Not Use Red Loctite)



Apply Double Side Tape



Black Graphite Grease

Lubricate all gears.
Apply grease to the places shown by this mark.
Apply grease first, then assemble.



Item not included.



Silicone Grease

Lubricate all moving parts including joints and bearings.

Apply grease to the places shown by this mark.

Apply grease first, then assemble.

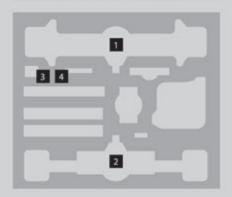


Shock Oil
Apply shock oil to the places shown by this mark.



Pay attention to note on page.

PART LOCATION MAP (TOP)



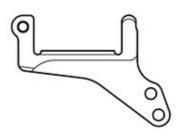
3 #BRX020110



1

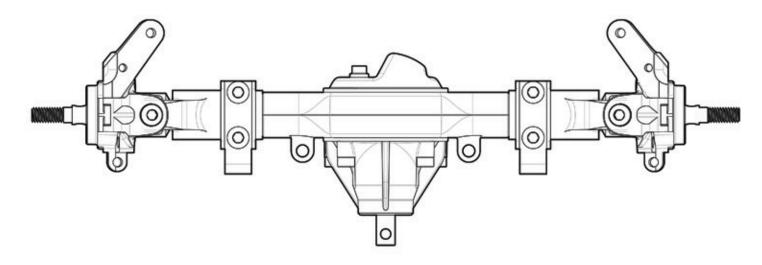
Side Gearbox Mount Side Gearbox Mount - Right x 1

4

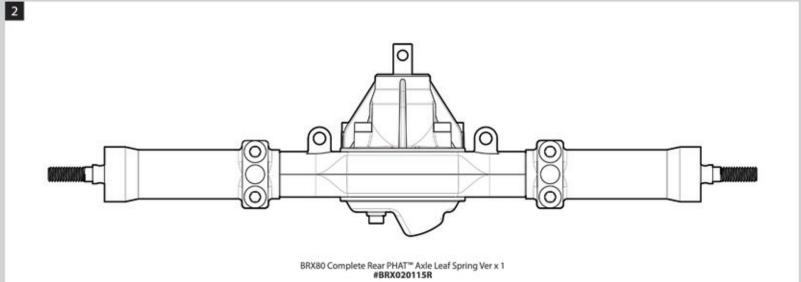


Mini Servo Mount for AWB x 1 #BRLC70223R BOOMRACING S

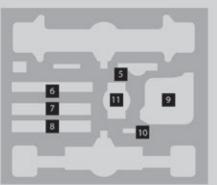
Your Radio Control Car Specialist

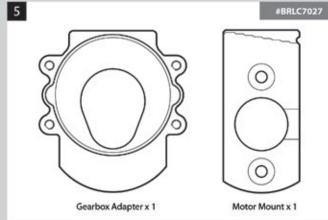


BRX80 Complete Front PHAT™ Axle Leaf Spring Ver x 1 #BRX020115F



PART LOCATION MAP (TOP)

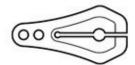




#BRX020029

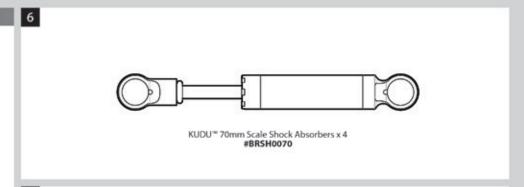
BCF2™ Aluminum Gearbox Housing x 1

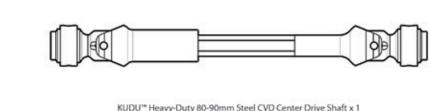




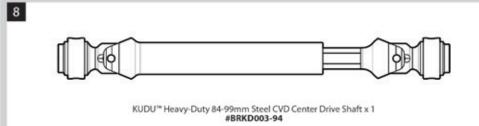
Low Profile Servo Horn 25T Black x 1 #BR955014BK

BRX01-AWB





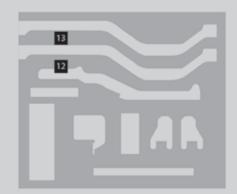
KUDU™ Heavy-Duty 80-90mm Steel CVD Center Drive Shaft x 1 #BRKD003-90

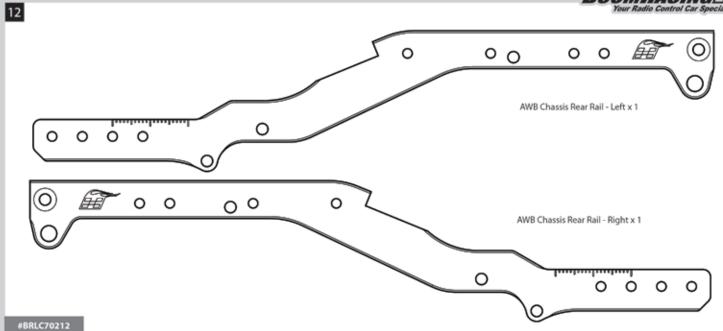


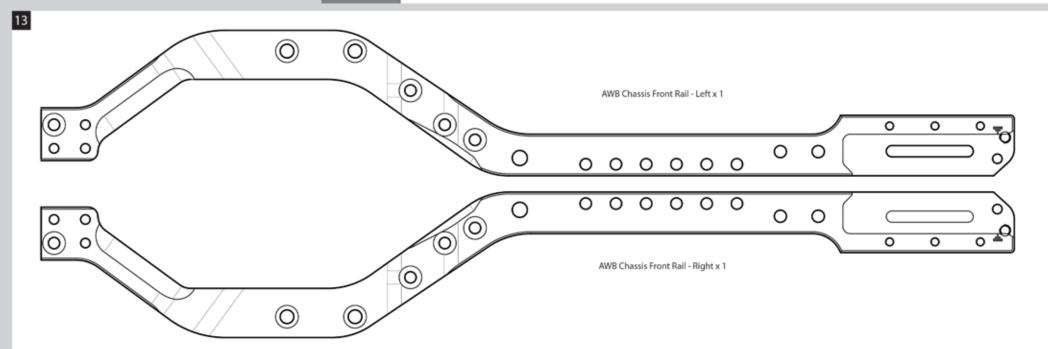


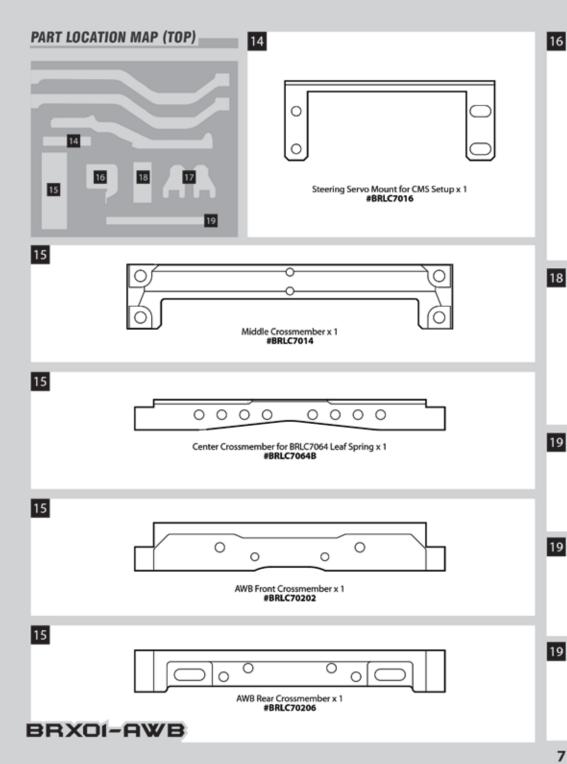


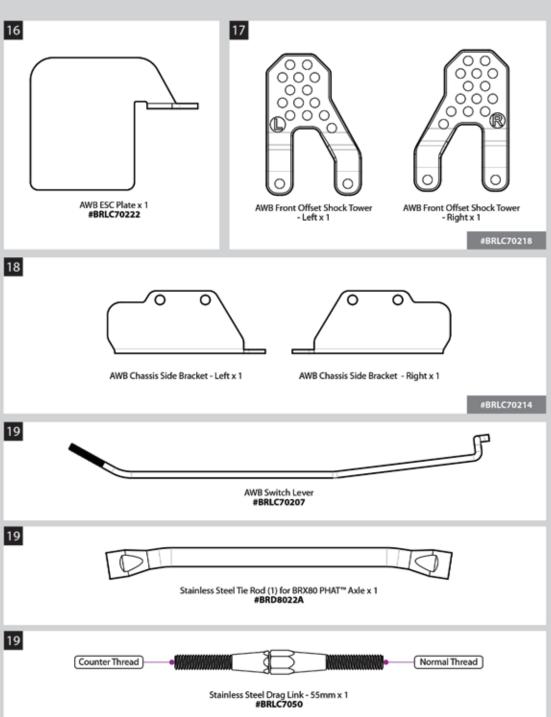
PART LOCATION MAP (TOP)















AWB Slotted Plate x 2 #BRLC70215

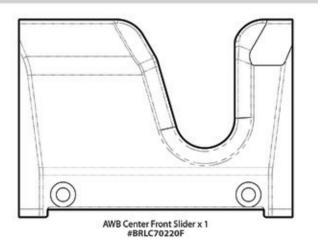


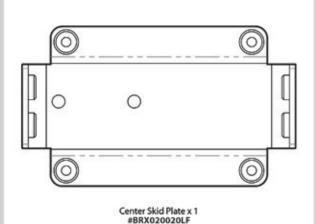
AWB Slotted Washer x 4 #BRLC70216

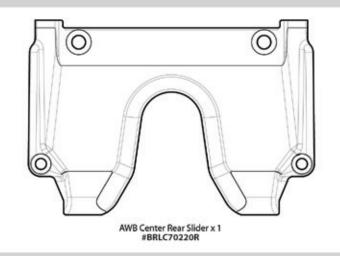


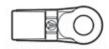


Brass Washer x 4 #BRX020030

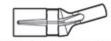












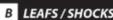
KUDU™M4 Nylon Rod End (D) (Upwards 20mm) x 2 #BRW750307D



BADASS™ Stainless Steel Pivot Ball x 8 #BRW750300

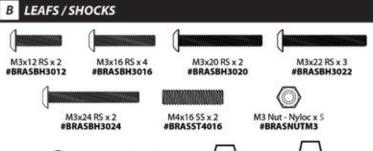


M2 Link Rod End Ball Joint x 1 #BRQ90351



D6x1.5 O-Ring x 2

#BRSORD6-15



3хбх3

Tapper Spacer x 4

#BRLC7041

3хбх5 Зхбхб Tapper Spacer x 2 Tapper Spacer x 2 #BRLC7040 #BRLC7042

C LEAF SPRINGS



CHASSIS



M2.5x6 CSS x 2 M2.5x8 CSS x 2





M3x6 CSS x 4

#BRASFH3006



M3x8 CSS x 4 M3x10 CSS x 4 #BRASFH3008



#BRASFH2506









M2.5x6 RS x 6 M3x6 R5 x 2 #BRASBH2506 #BRASBH3006

M3x8 RS x 12 #BRASBH3008

M3x10 R5 x 4 M3x12 R5 x 4 #BRASBH3010 #BRASBH3012



ST3x14 RS x 4 #BRASBH3014/ST

WHEELS



12mm Aluminum Wheel Hex Adapter (5mm) #BR113008BK

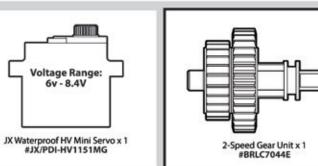


M4 Nuts - Nyloc x 4 #BRASNUTM4



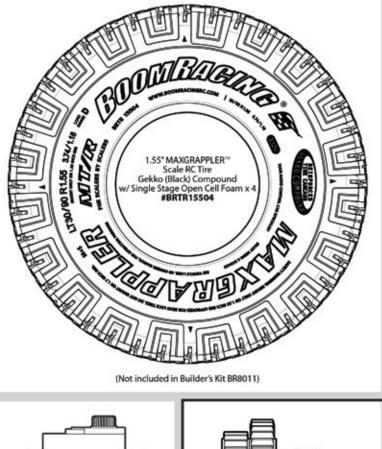
M3x3 SS x 4 D2x10 Pin x 4 #BRASST3003 #BRASPIN210





Spur Gear Mount x 1

#BRLC7030







M3x10 CSS x 1

#BRASFH3010

M3x8 R5 x 4

#BRASBH3008

D4x7x0.5 Spacer x 1

#BRASSPD4705



M3x6 CSS x 1

#BRASFH3006

M3/2.2x11 SS x 4

#BRASST3022/DS

D5x8x0.5 Spacer x 9

#BRASSPD5805

GEARS, SHAFTS & BEARINGS - TRANSFER CASE



M2.5x8 CSS x 1

#BRASFH2508

D2x8 Pin x 2

#BRASPIN208



M2x8 SC x 5 #BRASCH2008

#BRASFH2005

(2)

E-Clip x 2

#BRASEC30

D5x8x0.1 Spacer x 5

#BRASSPD5801







Motor Spacer x 1

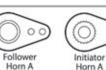
#BRLC7032

12T 32P Pinion Gear

#BRGP3212-3

#BRASBH3008





F RECEIVER BOX

M3x8 R5 x 4















M2.5x6 RS x 2

#BRASBH2506



M3x8 CSS x 2

#BRASFH3008



M3x12 RS x 1 #BRASBH3012





0 Front Output Shaft x1 #BRLC70201-B

Rear Output Shaft x1 #BRLC7208

Guiding Shaft x 1 #BRLC7207-P

0



my





D5x10x4 Ball Bearing x 1 #BBZMR1052RS

GEARS, SHAFTS & BEARINGS - GEAR BOX

#BBZMR1152RS

0



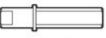




Shift Shaft x 1

#BRLC7045C

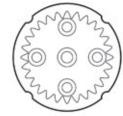




Input Shaft x 1 #BRLC7044B

Shifter x 1

#BRLC7045B



Internal Spur Gear 28T x 1 #BRLC7031









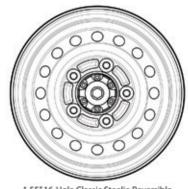


Spur Gear 20T x 2 Bearing Holder x 1 #BRLC7029-20T #BRX020029A

Spur Gear 12T x 1 #BRLC7029-12T

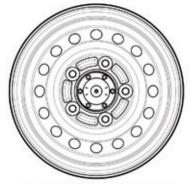
Spur Gear 15T x 1 #BRLC7029-15T

High Efficiency Output Shaft x 1 #BRLC7209



1.55" 16-Hole Classic Steelie Reversible Beadlock Wheels (Front) w/ XT504 Hubs x 2 (Gun Metal) #BRW780955FGM

(Not included in Builder's Kit BR8011)

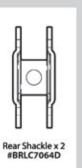


1.55" 16-Hole Classic Steelie Reversible Beadlock Wheels (Rear) w/ XT504 Hubs x 2 (Gun Metal) #BRW780955RGM

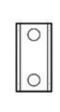
(Not included in Builder's Kit BR8011)











Leaf Spring Channel x 4 #BRLC7064G

#BRLC70224

#BRLC70205







Front Leaf Spring Shackle -Outside x 1 Front Leaf Spring Shackle -Inside x 1



Rear Leaf Spring Retainer - Inside x 2



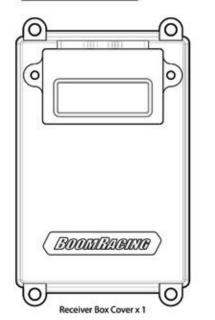
Rear Leaf Spring Retainer - Outside x 2

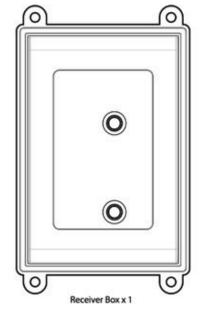






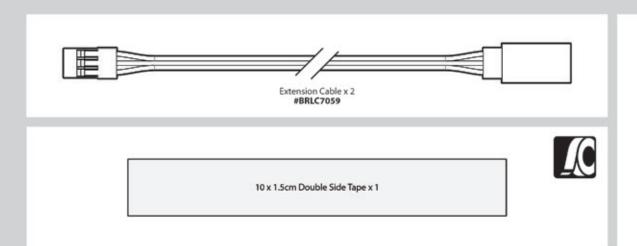
#BRLC70221

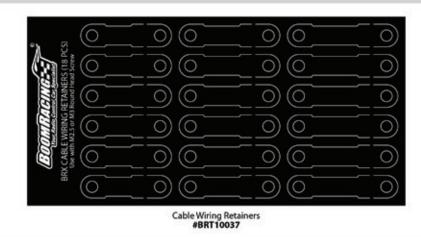


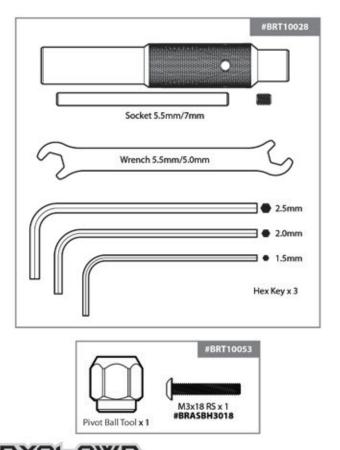










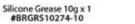












30WT Shock Oil 15ml x 1 (Available separately in 60ml) #BRSHK030

242 Thread Lock 2g x 1 (Available separately in 10g) #BRGR\$242











Parts Needed:

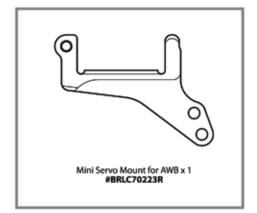


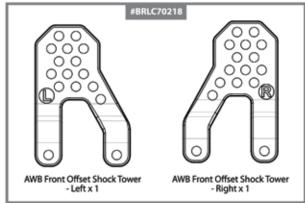
Slotted Washer x 4

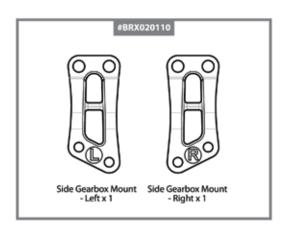


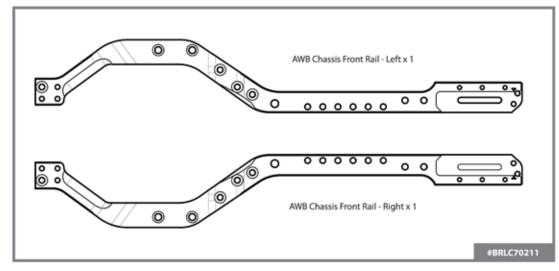
Slotted Retainer x 2

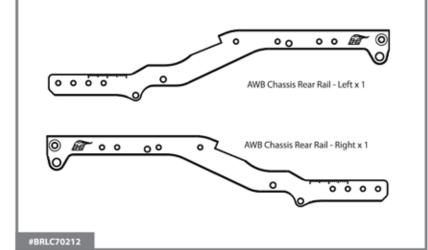
CHASSIS RAIL





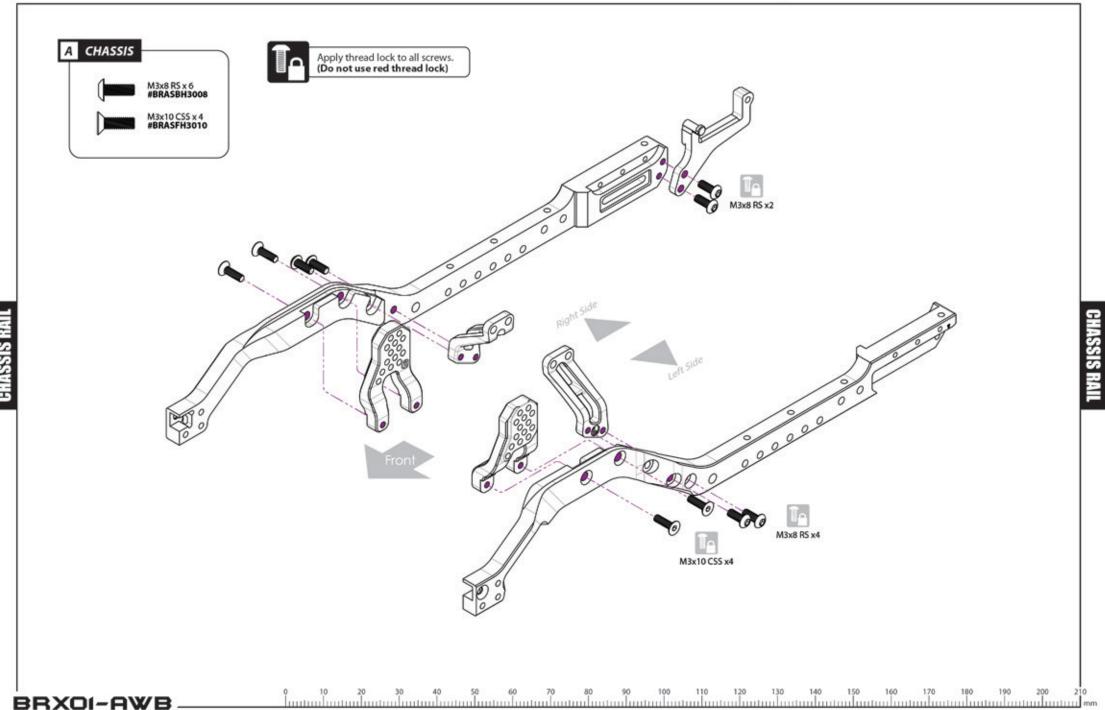




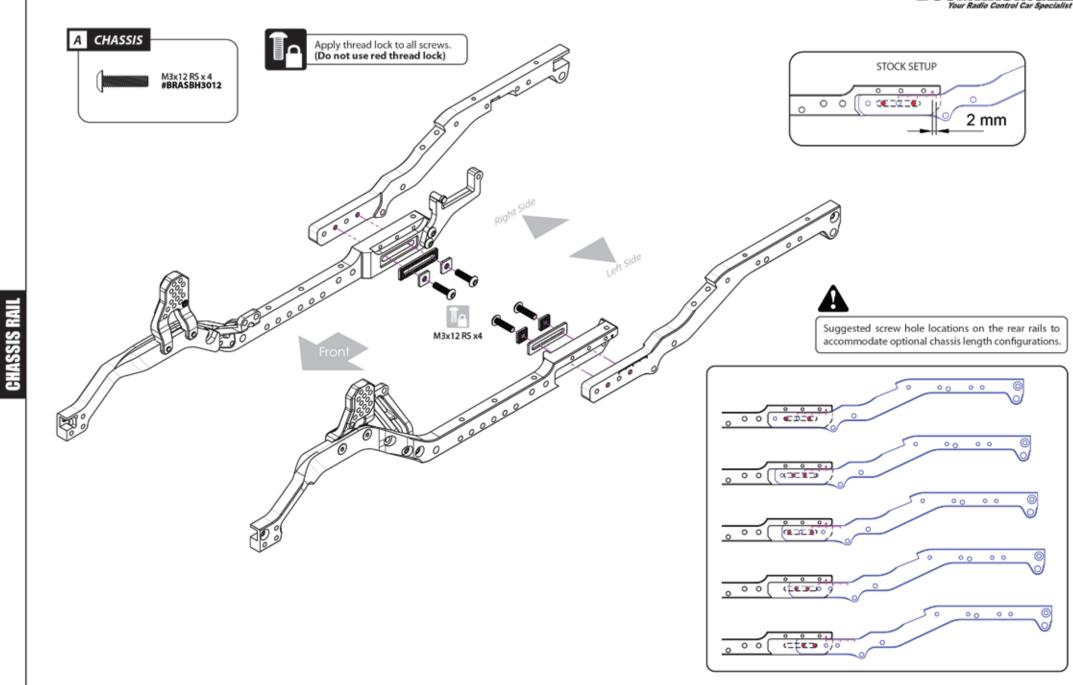


BRX01-AWB

10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210

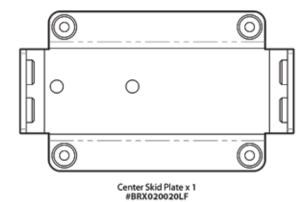






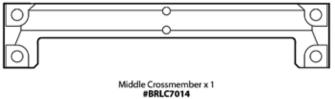
2 - CHASSIS

Parts Needed:



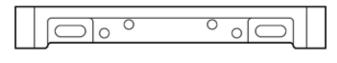


Steering Servo Mount for CMS Setup x 1 #BRLC7016

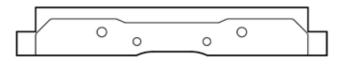




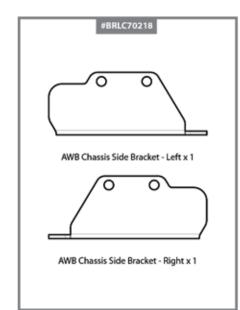
Center Crossmember for BRLC7064 Leaf Spring x 1 #BRLC7064B



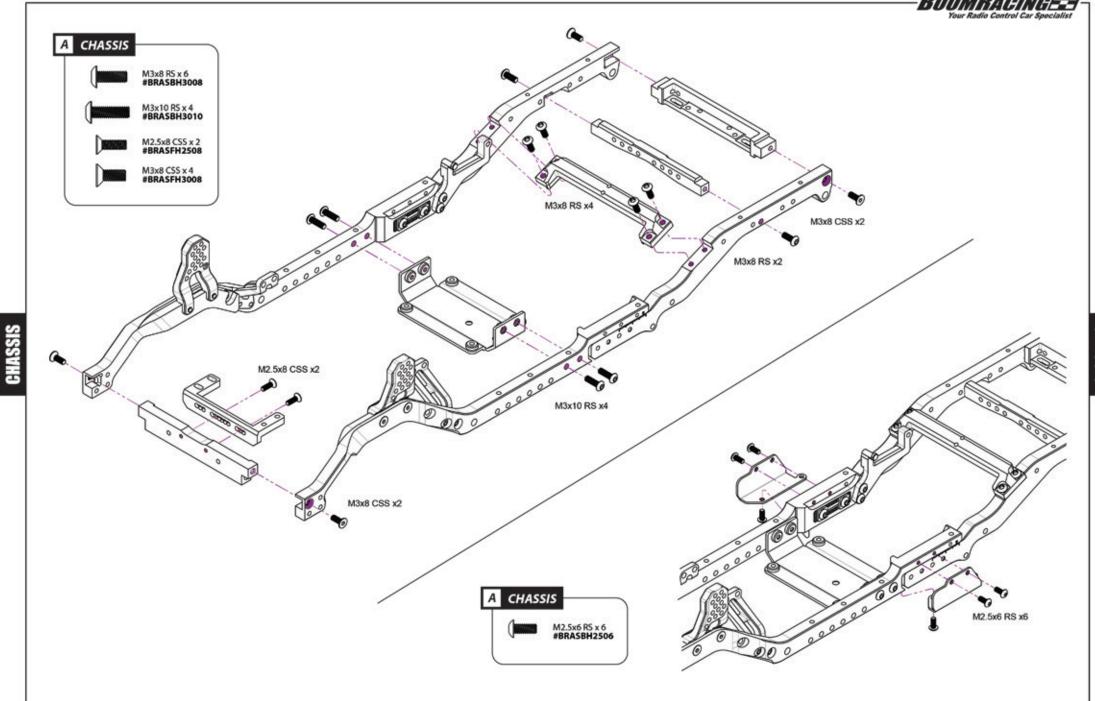
AWB Rear Crossmember x 1 #BRLC70206



AWB Front Crossmember x 1 #BRLC70202

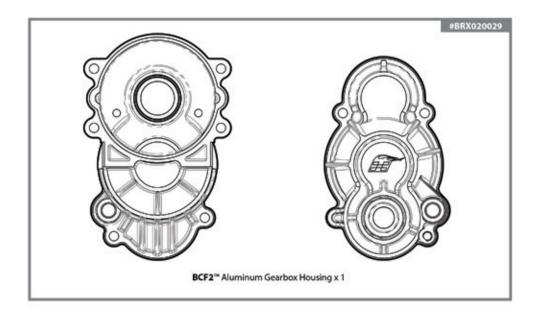


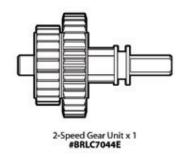
BRX01-AWB _____

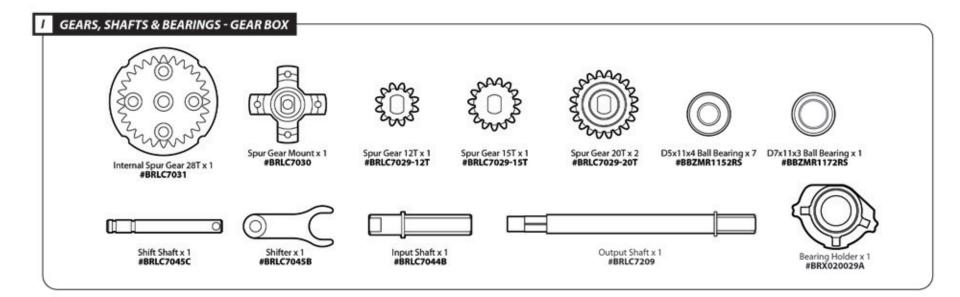


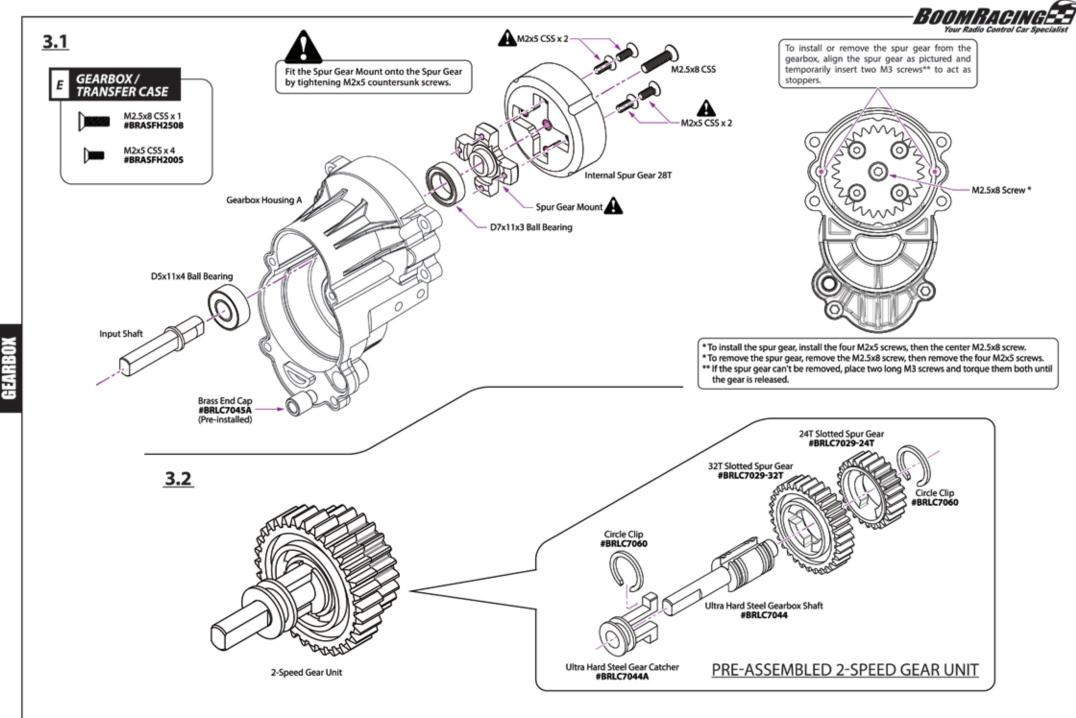
3 - GEARBOX I

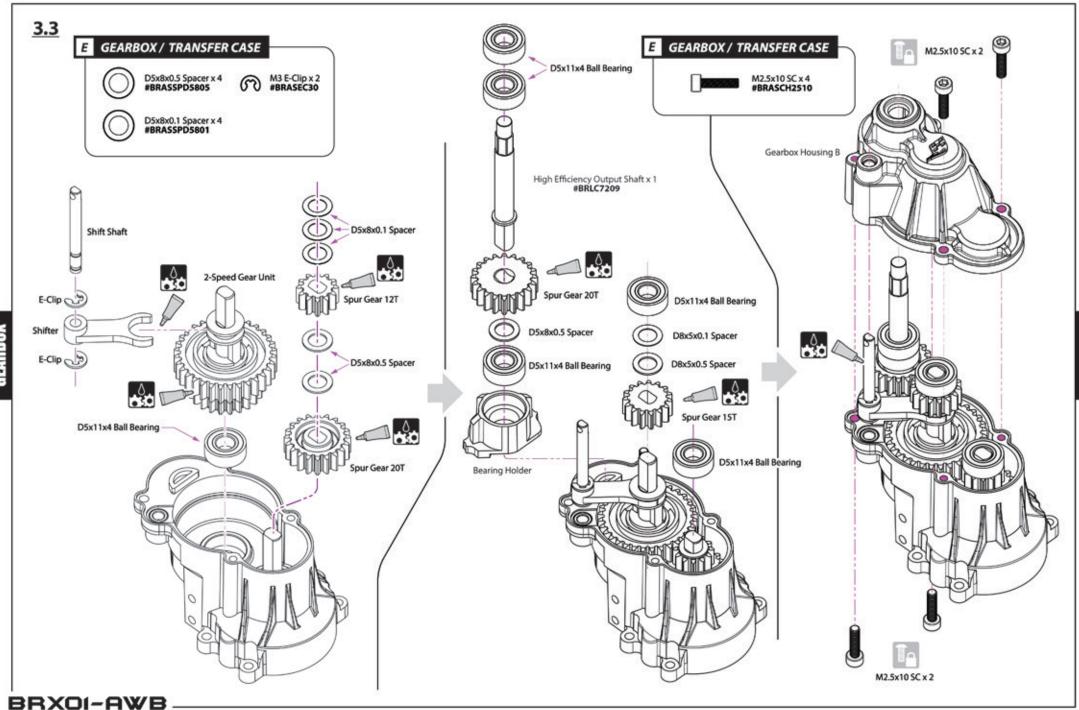
Parts Needed:







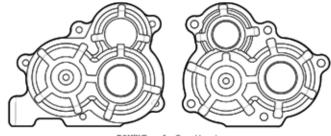




4 - TRANSFER CASE







B2X™ Transfer Case Housing #BRX020111

GEARBOX / TRANSFER CASE









M2x8 SC x 5 #BRASFCH2008

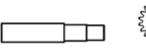
TRANSFER CASE

D2x8 Pin x 2 #BRASPIN208

#BRASSPD5805

D5x8x0.5 Spacer x 5 D4x7x0.5 Spacer x 1 #BRASSPD4705

GEARS, SHAFTS & BEARINGS - TRANSFER CASE







20T Spur Gear x1 #BRLC70210









Rear Output Shaft x1 #BRLC7208

Front Output Shaft x1 #BRLC70201-B



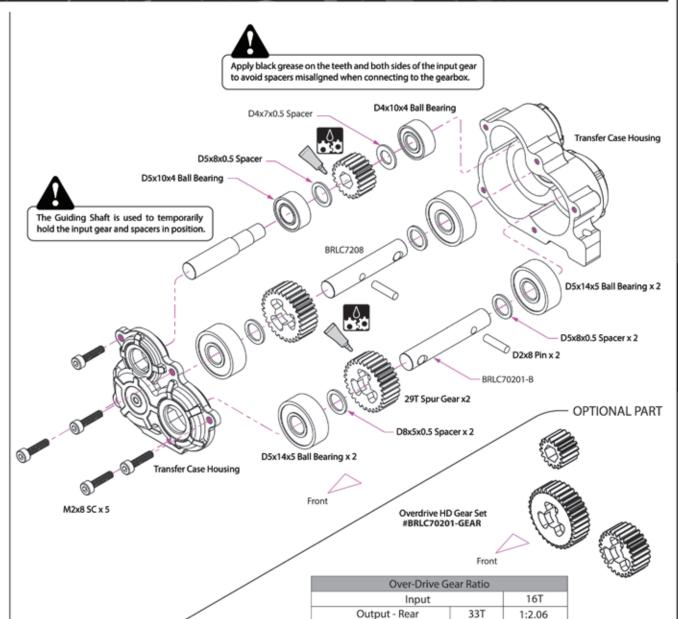
D4x10x4 Ball Bearing x 1 #BBZMR1042RS



D5x10x4 Ball Bearing x 1 #BBZMR1052RS



D5x14x5 Ball Bearing x 4 #BBZ6052RS



25T

Output - Front

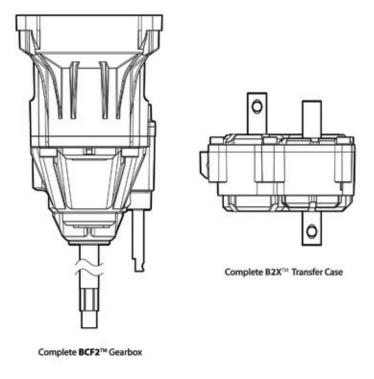
Rear to Front output speed ratio

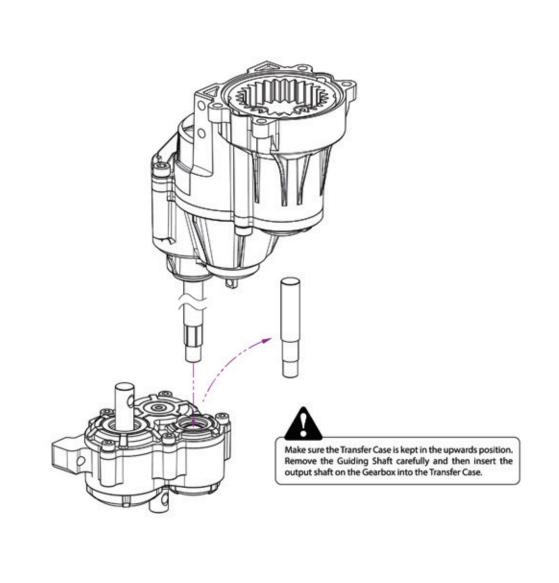
1:1.56

1:1.32

5 - GEARBOX & TRANSFER CASE

Parts Needed:





GEARBOX & TRANSFER CASE

Complete BCF2™ Gearbox

E GEARBOX/TRANSFER CASE

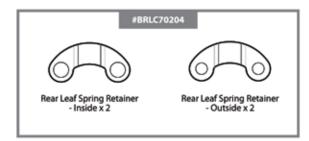
M3x8 RS x 4 #BRASBH3008

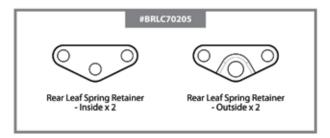
M3x6 CSS x1

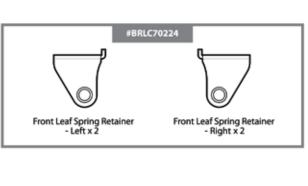
M3x10 CSS x1

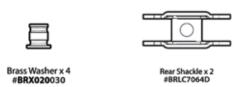
6 - LEAF SPRING SYSTEM

Parts Needed:













KUDU™ Nylon Rod End (A) (Straight 18.5mm) x 2 #BRW750306A



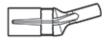
Left

BADASS™ Stainless Steel Pivot Ball x 4 #BRW750300

Nylon Rod End

(Upwards 20mm)

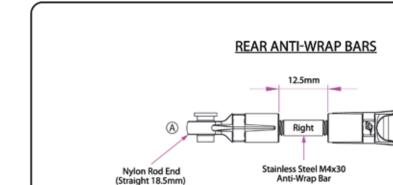
LEAF SPRING SYSTEM

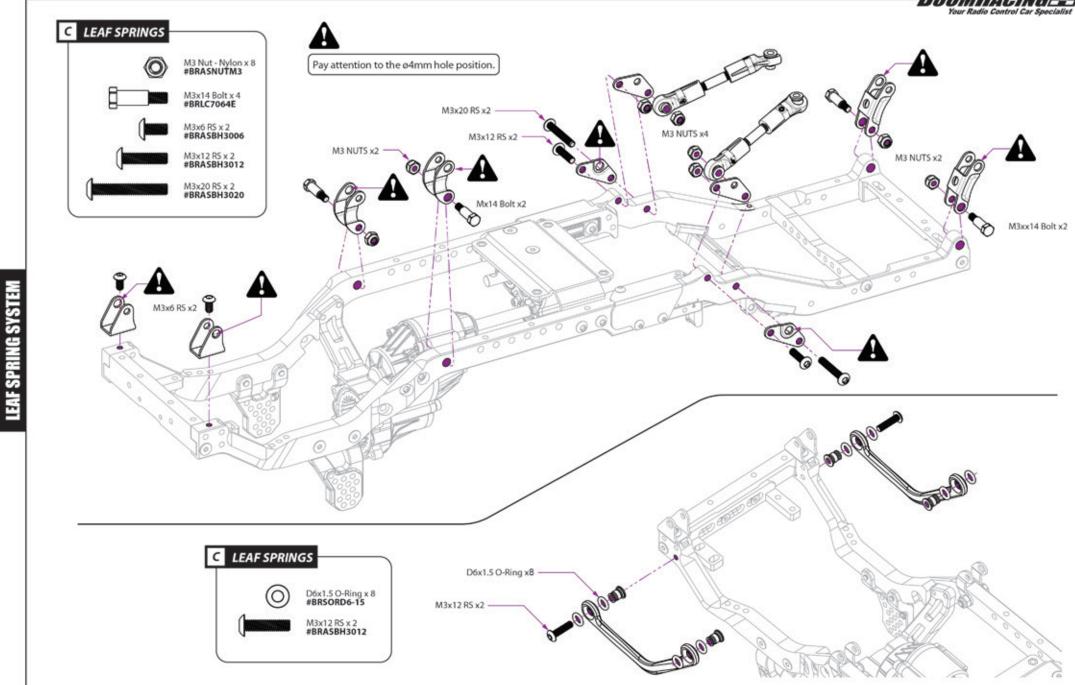


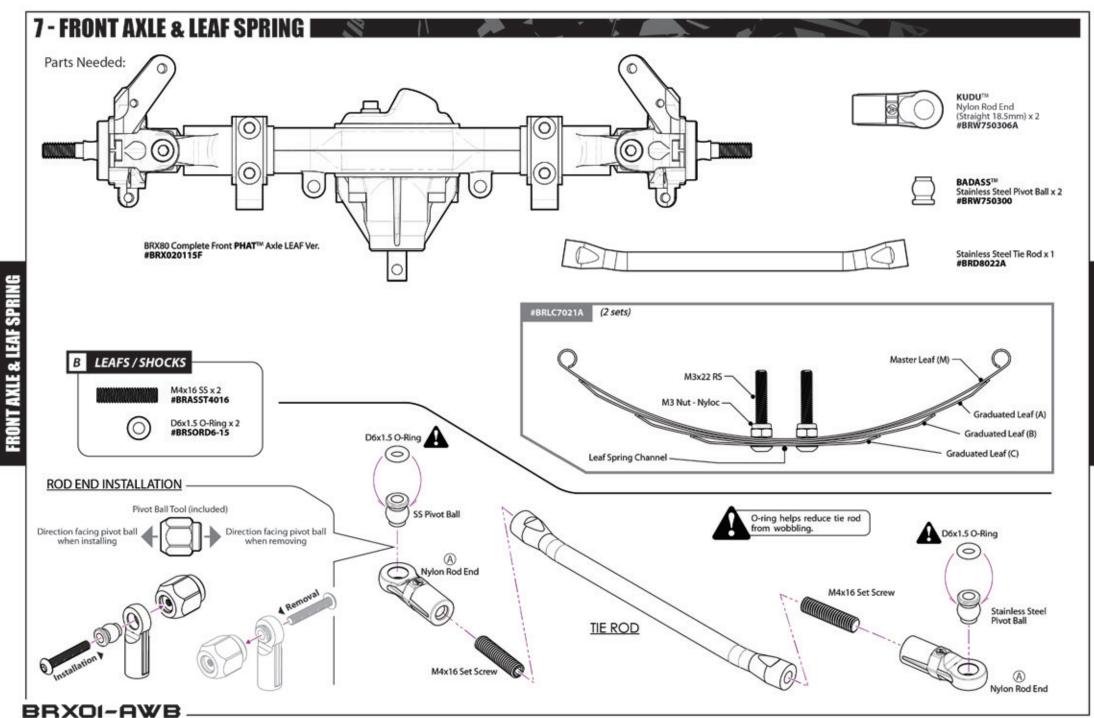
KUDU™ Nylon Rod End (D) (Upwards 20mm) x 2 #BRW750307D



Rear Anti-Wrap Bar Link x 2 #BRLC70209







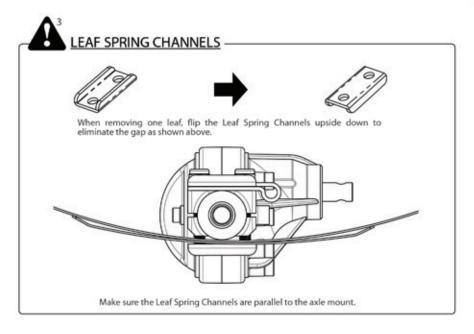
FRONT AXLE & LEAF SPRING

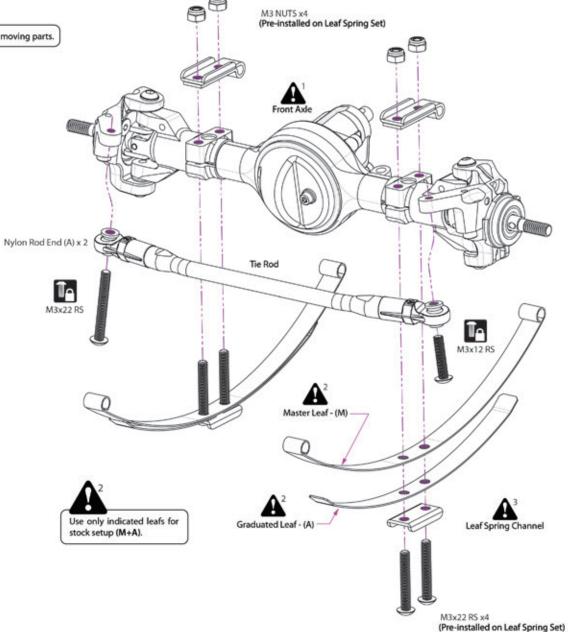


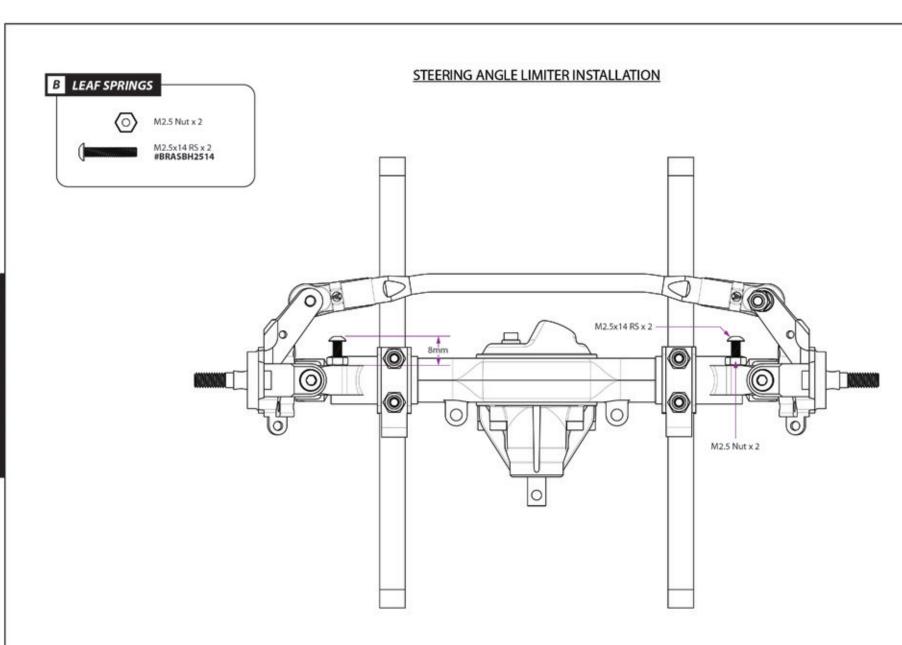
LEAF SPRING LOAD SETUP

Weight	# of Leafs	Lightest	Light	Heavy	Heaviest
Heaviest	4				(M)+(A)+(B)+(C)
Heavy	3		(M)+(B)+(C)	(M)+(A)+(C)	(M)+(A)+(B)
Light	2		(M)+(C)	(M)+(B)	(M)+(A)
Lightest	1	(M)			

Recommended stock setup (Front).







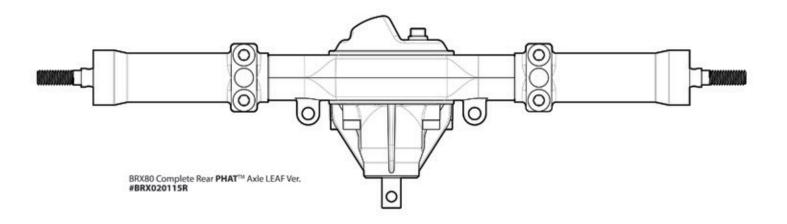
FRONT AXLE & LEAF SPRING

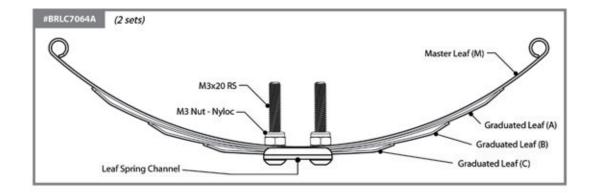
BOOMBAGING ET

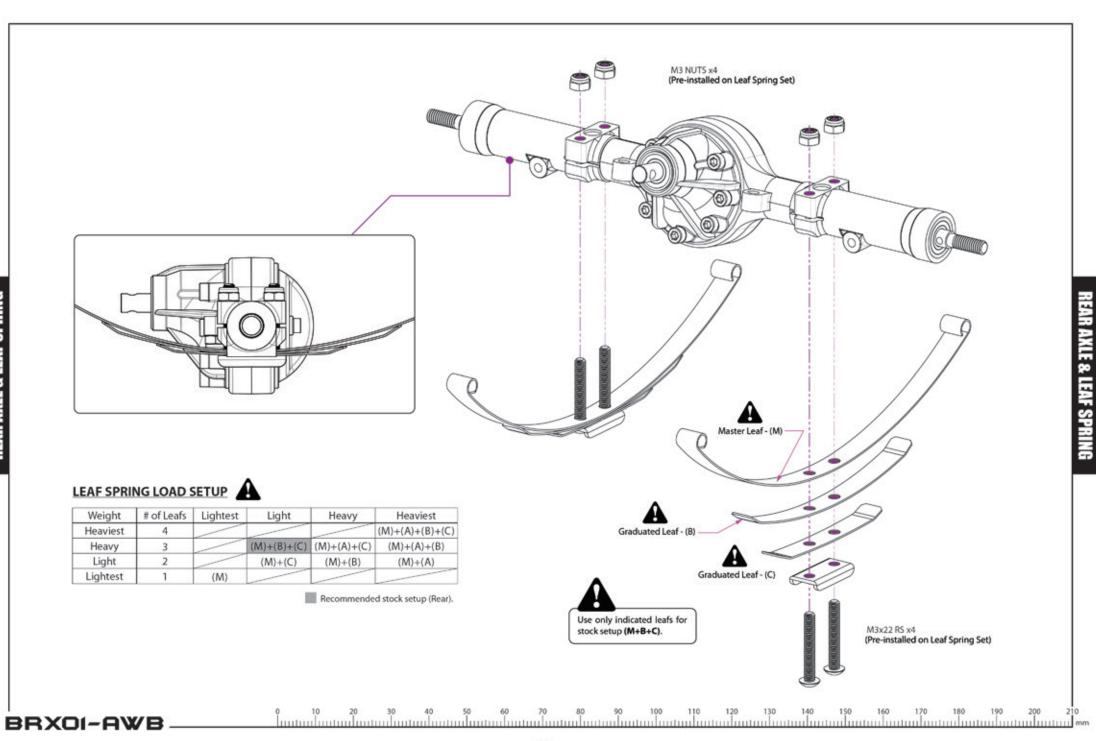
REAR AXLE & LEAF SPRING

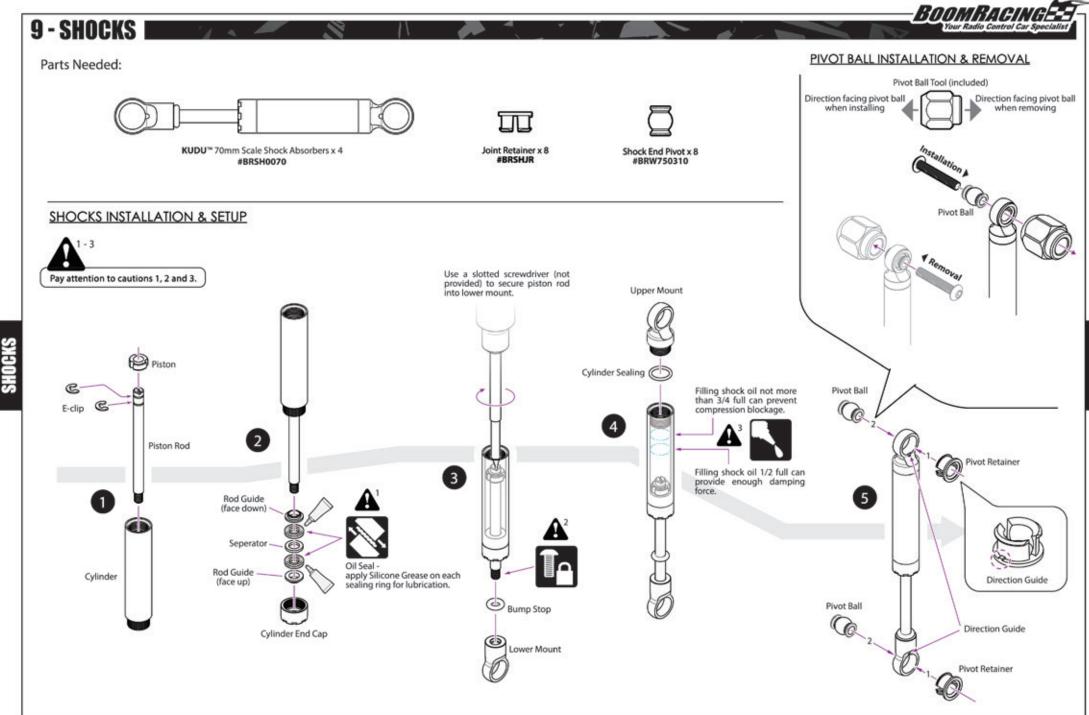
8 - REAR AXLE & LEAF SPRING I

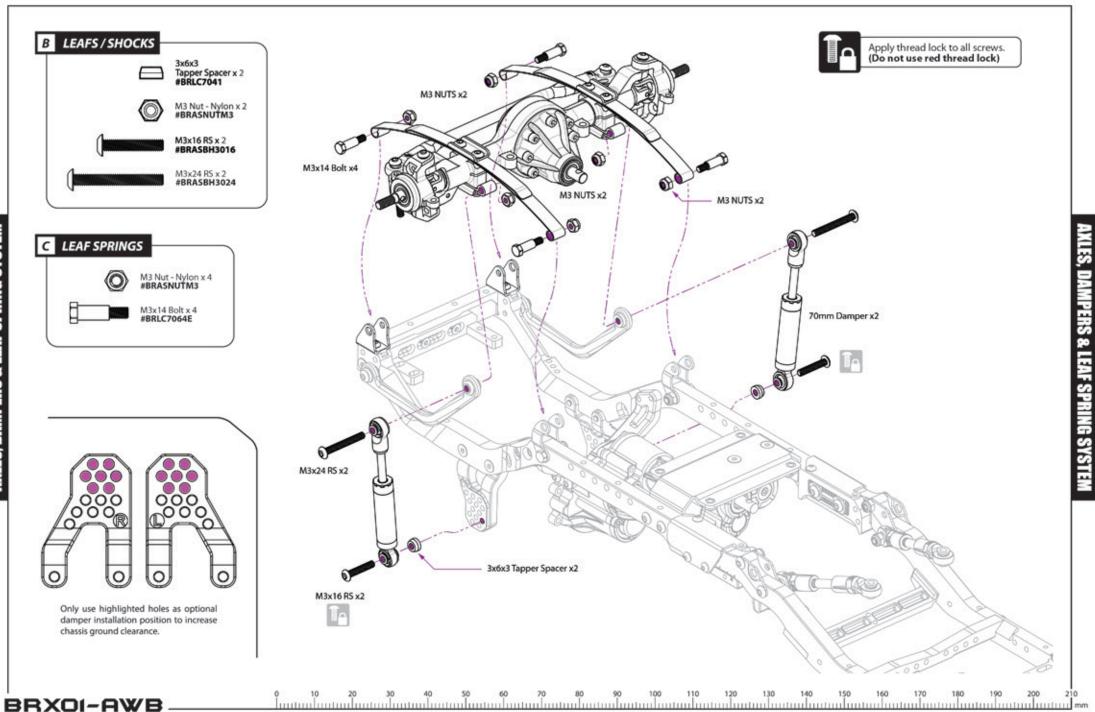
Parts Needed:

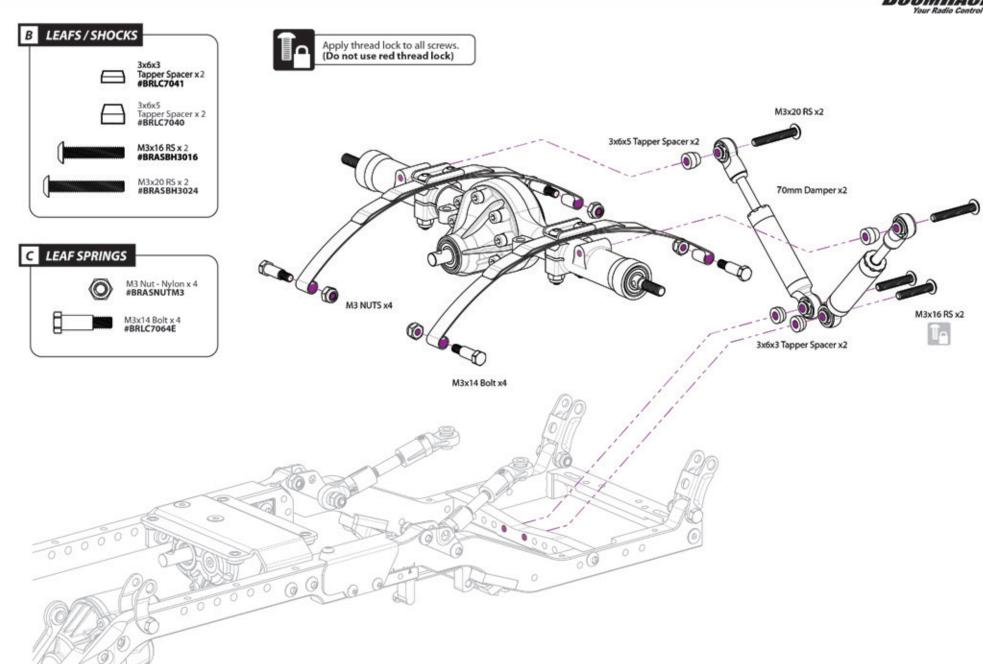




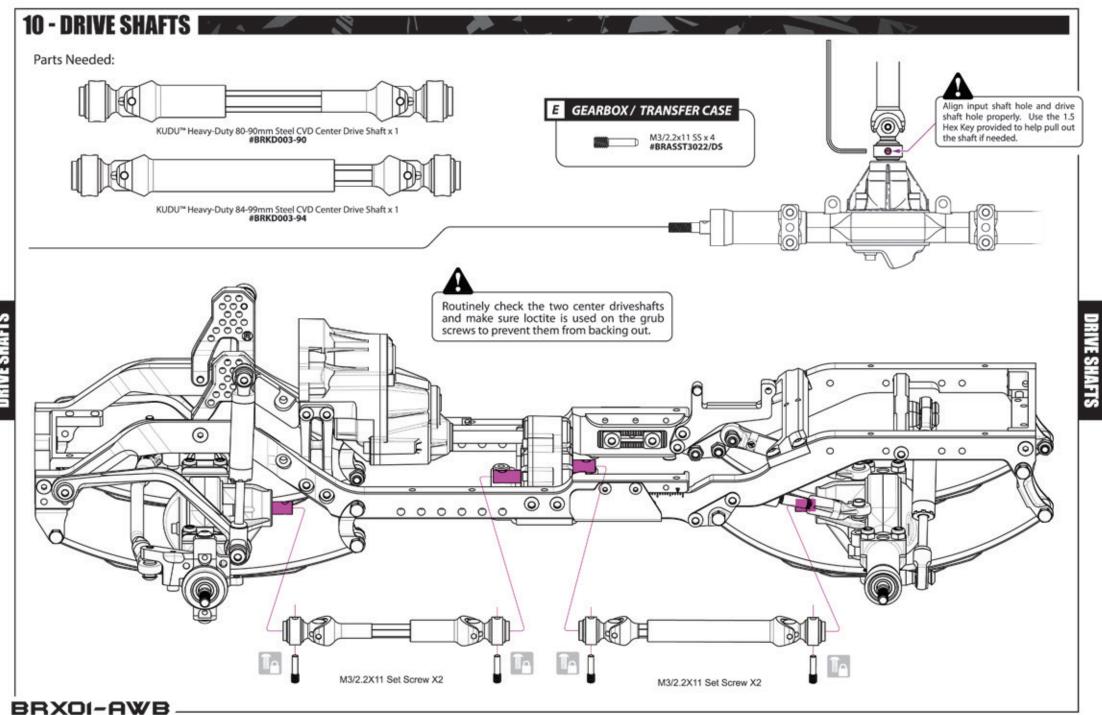


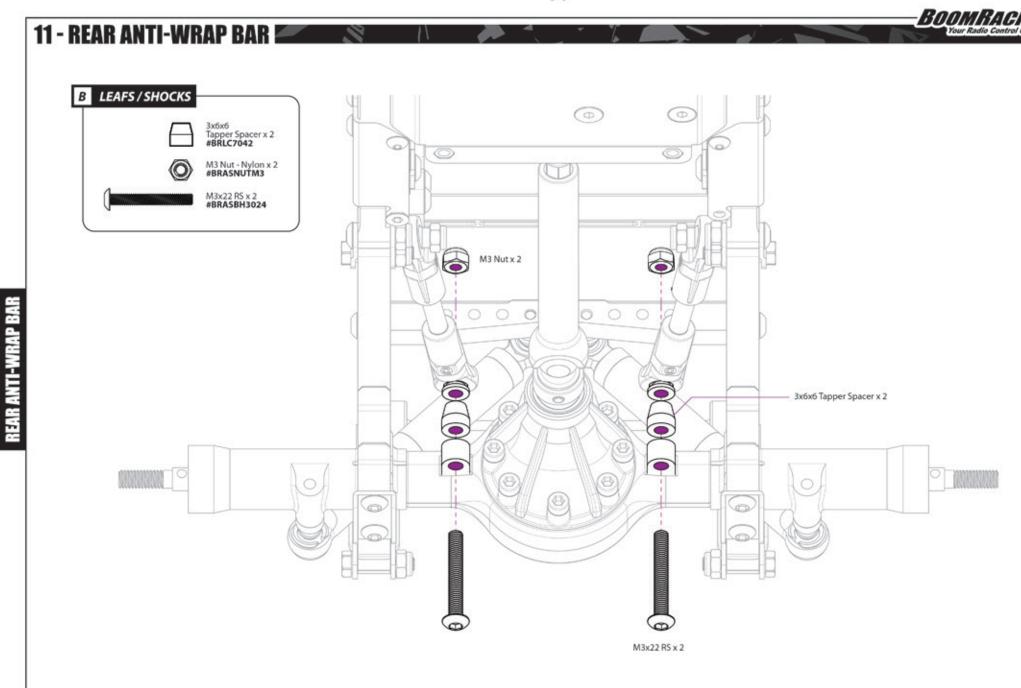






AXLES, DAMPERS & LEAF SPRING SYSTEM

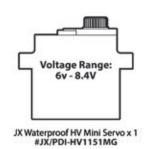


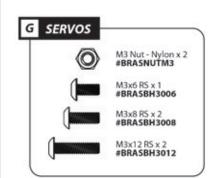


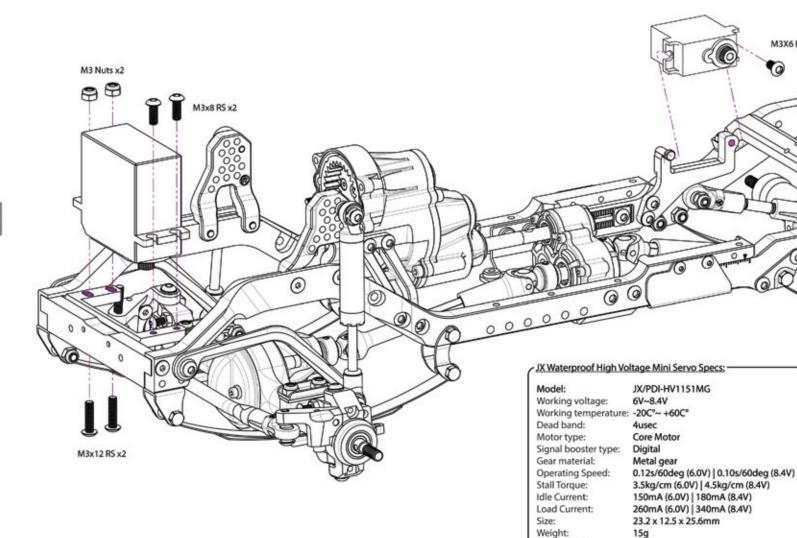
M3X6 RS

12 - SERVOS Parts Needed:









Tooth Count:

Wire length:

Black:

White:

Red:

0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210

25

310mm JR plug

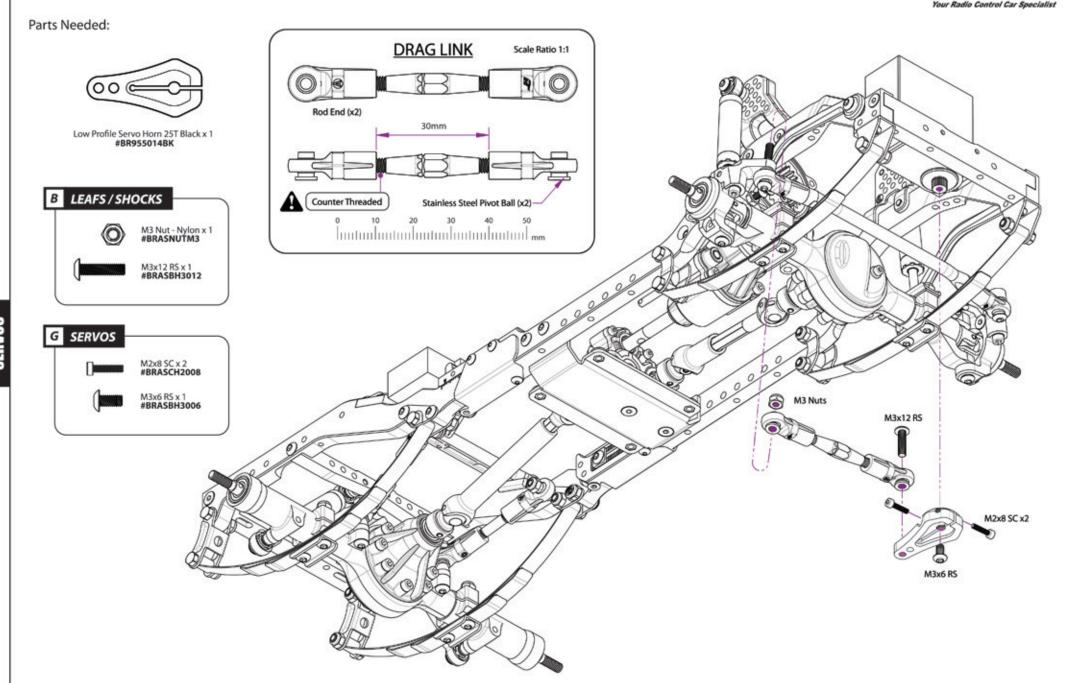
Negative

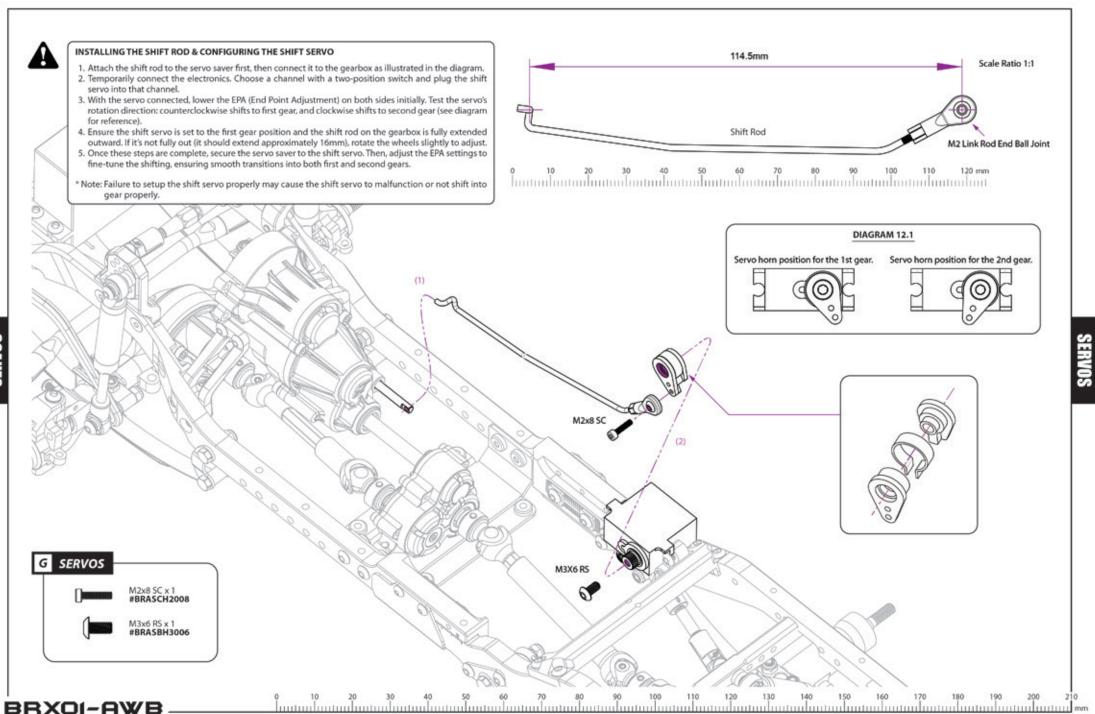
Positive

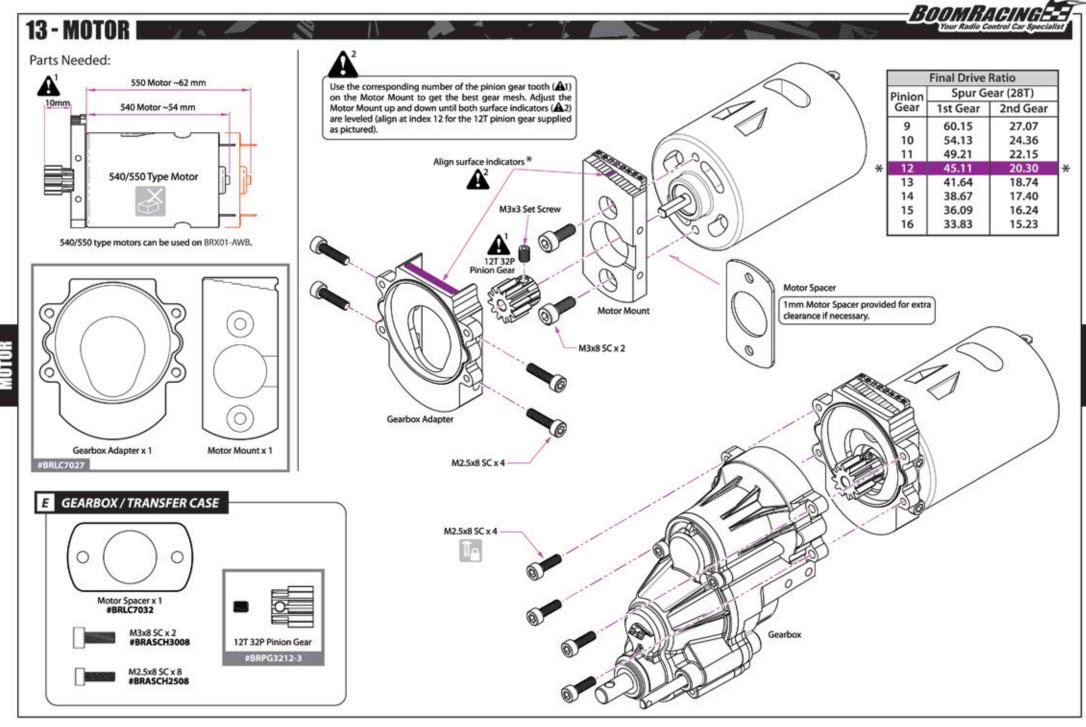
Signal

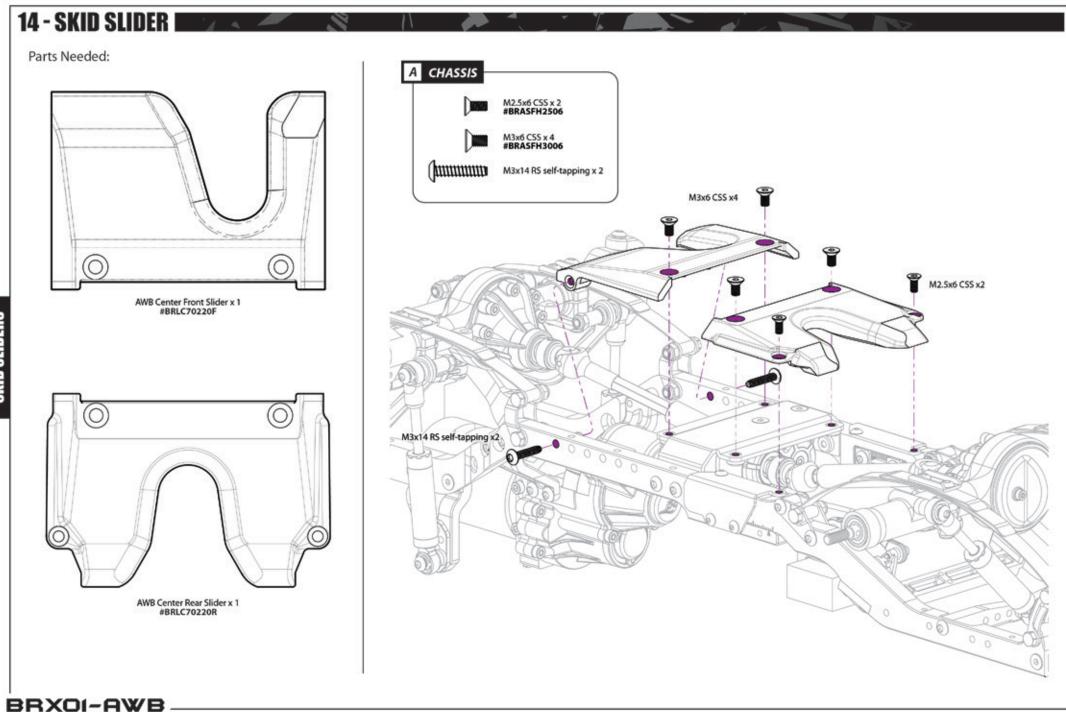
BRX01-AWB







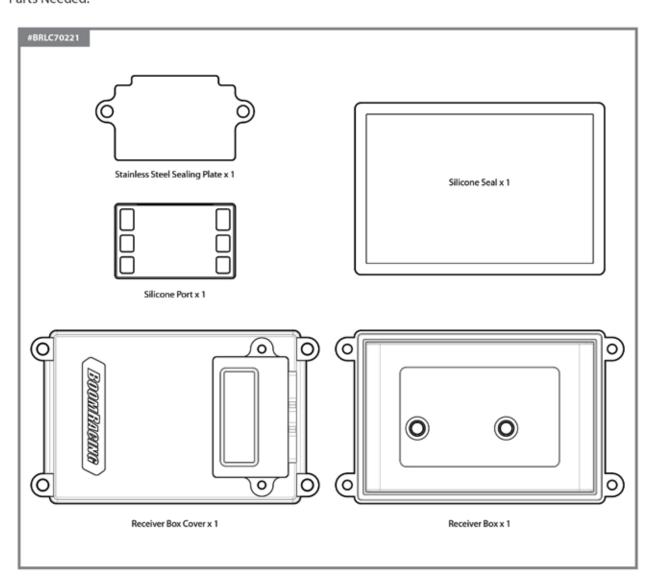


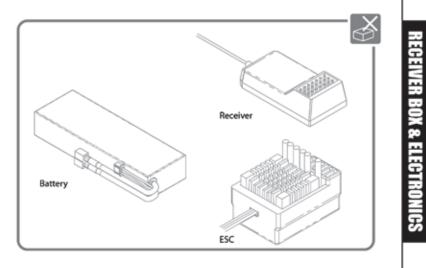


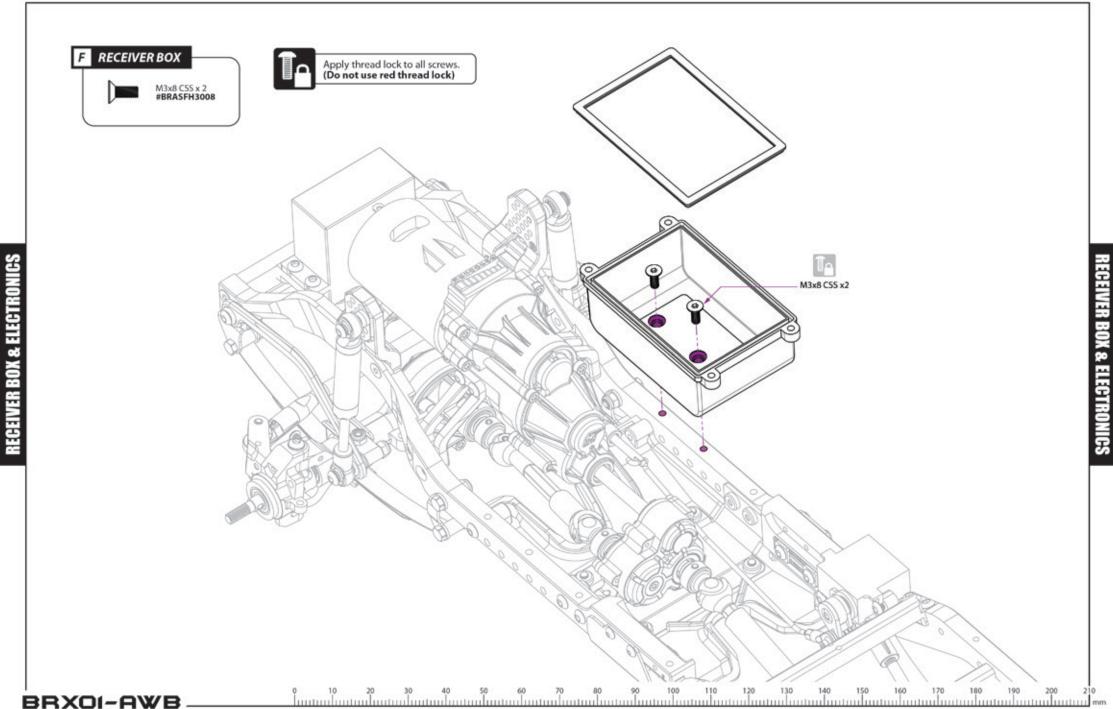
15 - RECEIVER BOX & ELECTRONICS INSTALLATION

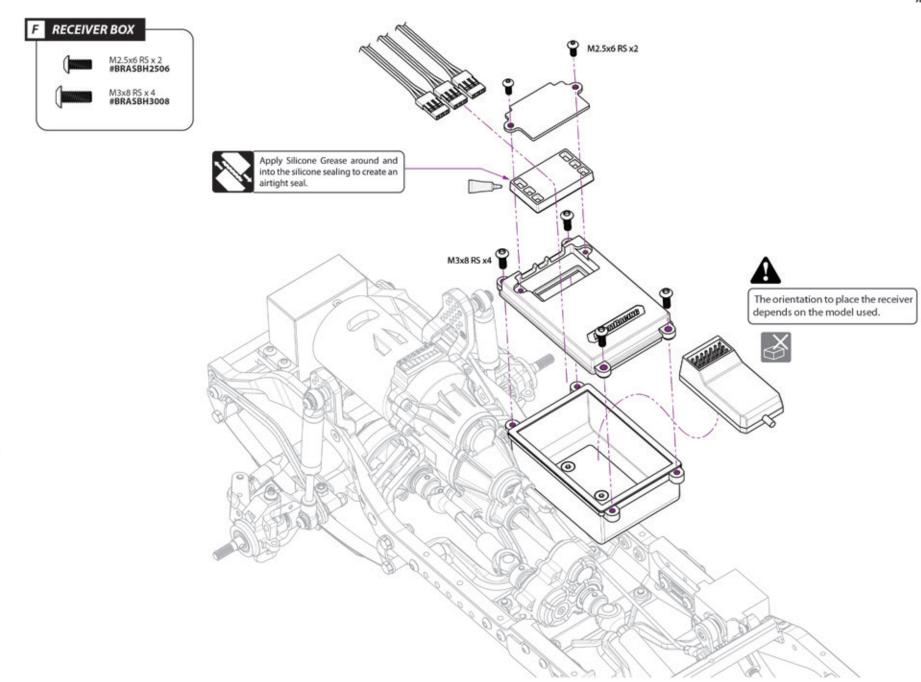


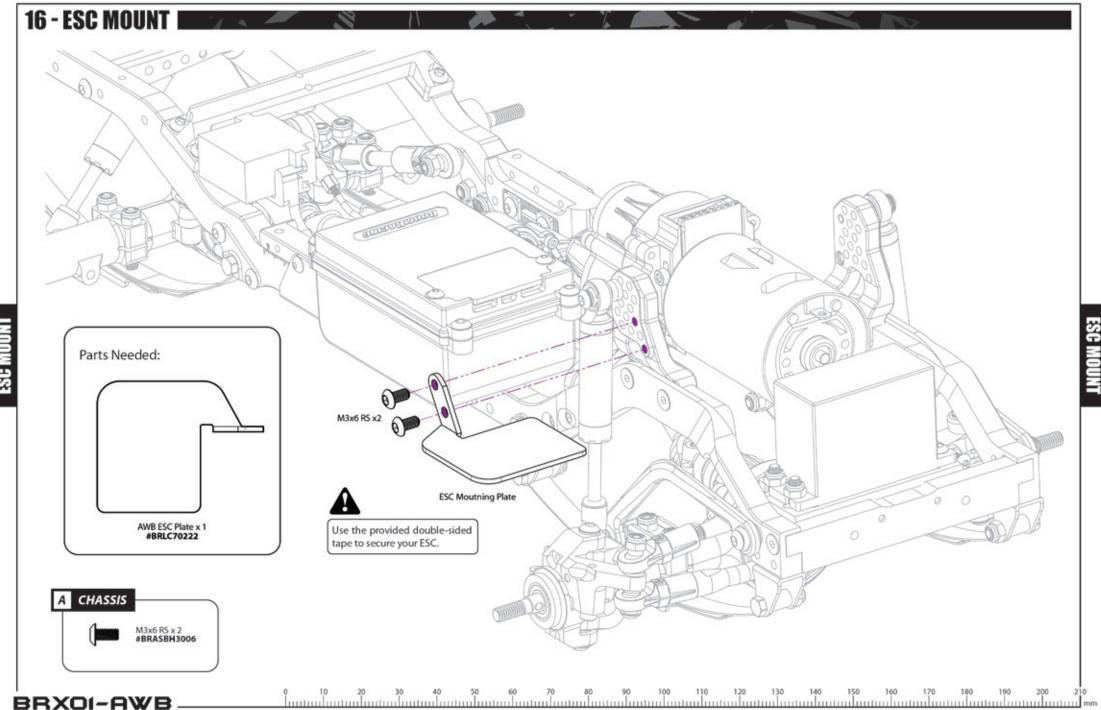
Parts Needed:











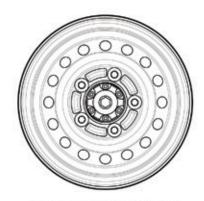
WHEELS & TIRES

BOOMRACING 3

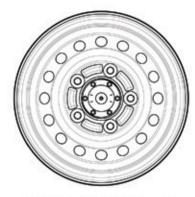
Parts Needed:

WHEELS & TIRES

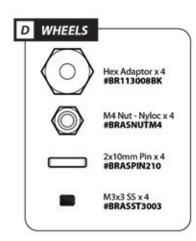




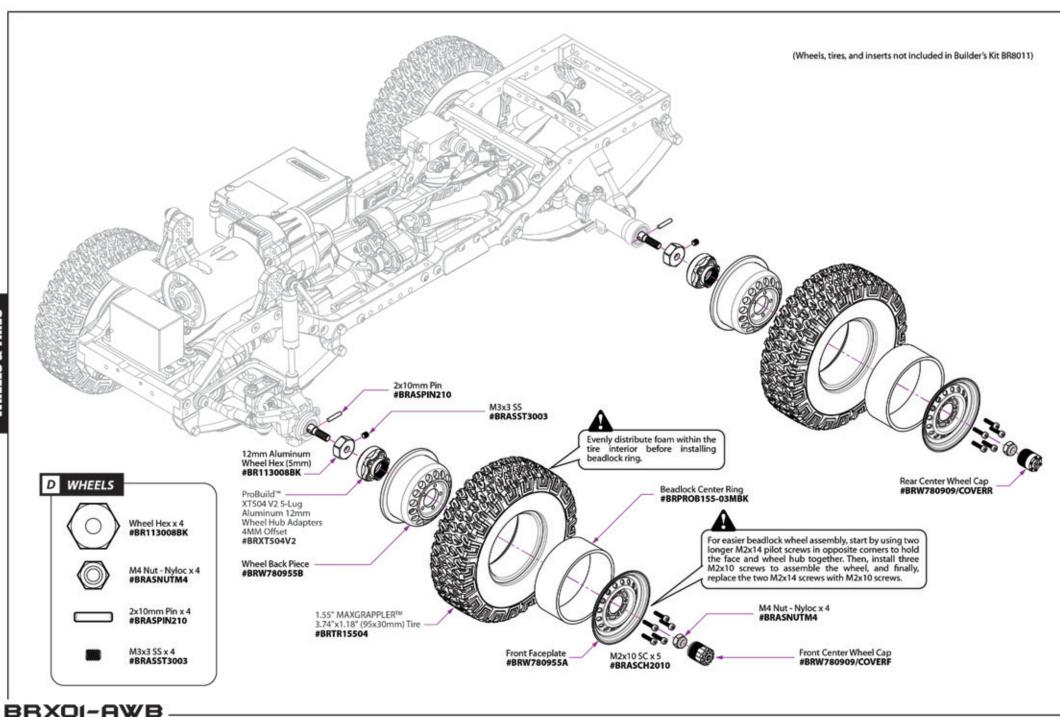
1.55" 16-Hole Classic Steelie Reversible Beadlock Wheels (Front) w/XT504 Hubs x 2 (Gun Metal) #BRW780955FGM



1.55" 16-Hole Classic Steelie Reversible Beadlock Wheels (Rear) w/ XT504 Hubs x 2 (Gun Metal) #BRW780955RGM



(Wheels, tires, and inserts not included in Builder's Kit BR8011)

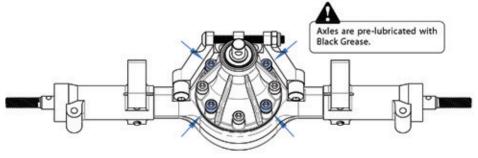


WHEELS & TIRES

PRE-ASSEMBLED AXLE

AXLES & LEAF SPRING SYSTEM

Front Diff Cover Release Method In Case Assembly Is Tight.

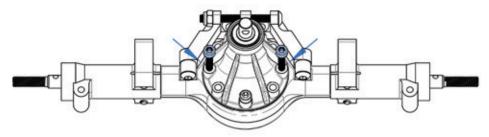


Step 1 - Loosen four M2.5x16mm socket screws indicated making the screw cap 3 mm apart from the case.

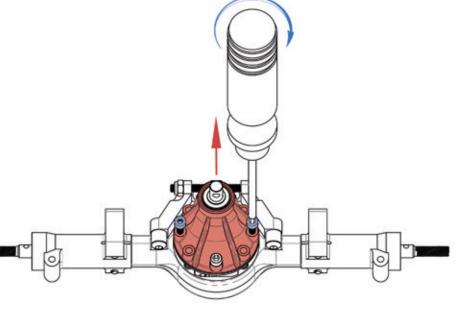
Step 2 - Hammer those screw slightly via screwdriver to release the front diff cover.

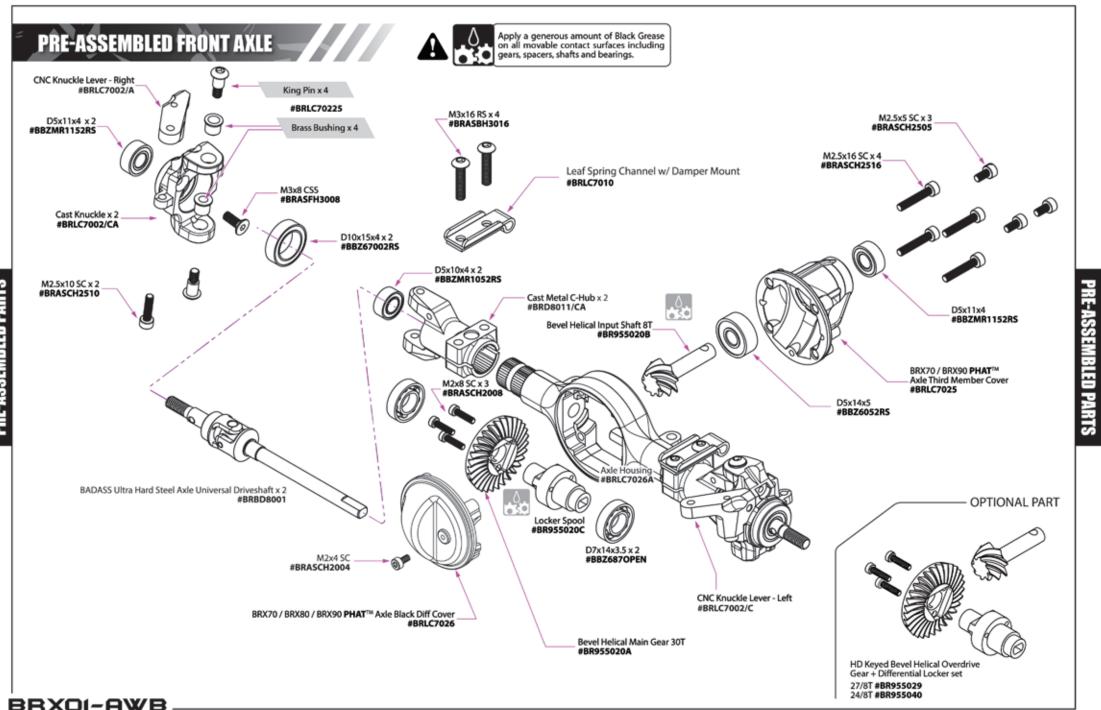
Your Radio Control Car Specialis

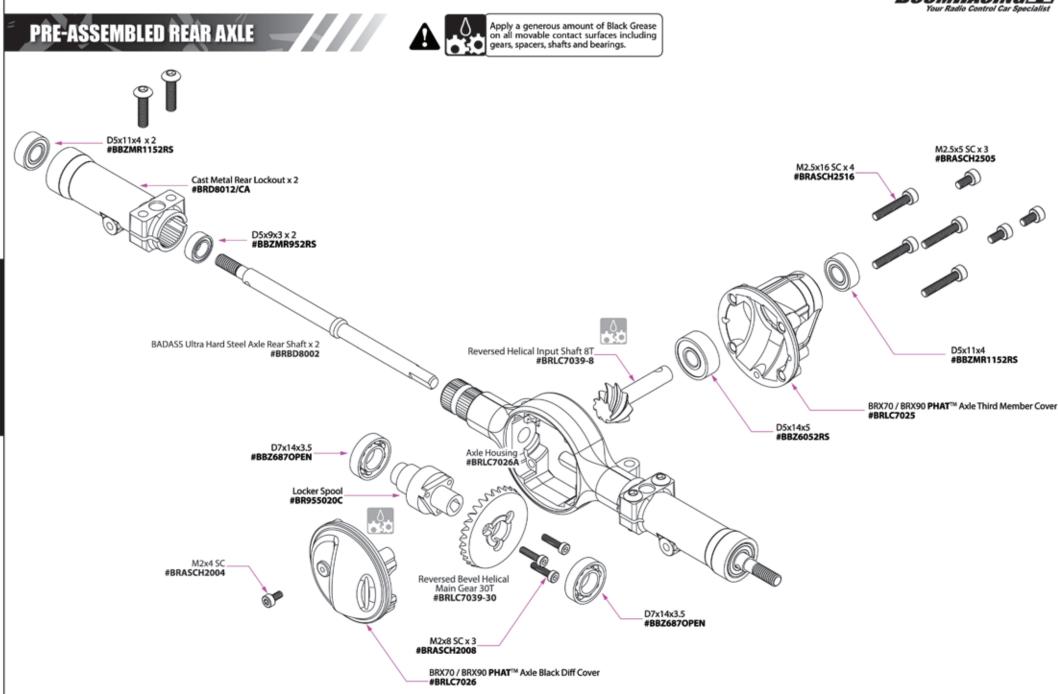
The Third Member Release Method When Assembly Is Tight.



- Step 1 Remove all M2.5x16mm and two M2.5x5mm socket screws
- Step 2 Install two M2.5x16mm socket screws into both left and right screw holes as indicated
- Step 3 Lightly torque the screws until the third member is released







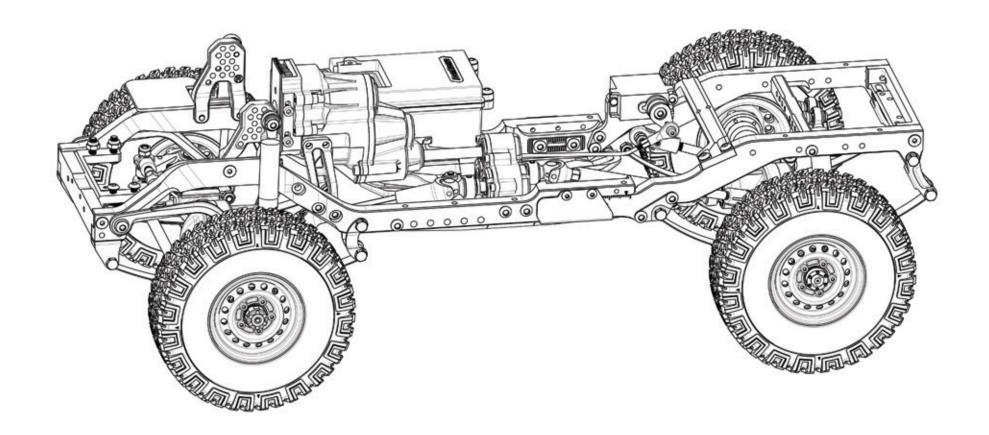


Illustration for reference only. (Wheels, tires, and inserts not included in Builder's Kit BR8011)

PARTS LIST



Part#	Description	Part#	Description
BBZ6052RS	High Performance Rubber Sealed Ball Bearing 5x14x5mm (1)	BRBD8001	BADASS™ Ultra Hard Steel Axle Universal Driveshaft (2pcs) for BRX80 PHAT™ Axle BRD8022
BBZMR1042RS	High Performance Rubber Sealed Ball Bearing 4x10x4mm (1)	BRBD8002	BADASS™ Ultra Hard Steel Axle Rear Shaft (2pcs) for BRX80 PHAT™ Axle BRD8023
BBZMR1052RS	High Performance Rubber Sealed Ball Bearing 5x10x4mm (1)	BRD8011/CA	Cast C-Hub for BRX80 PHAT™ Axle #BRD8022 Black
BBZMR1152RS	D5X11X4 Ball Bearing (7)	BRD8012/CA	Cast Rear Lockout for BRX80 PHAT™ Axle #BRD8023 Black (2)
BBZMR1172RS	High Performance Rubber Sealed Ball Bearing 7x11x3mm (1)	BRD8022A	Stainless Steel Tie Rod (1) for BRX80 PHAT™ Axle
BR113008BK	12mm Standard Aluminum Wheel Hex Adaptors (4)	BRGRS10274-10	BADASS™ Silicone Grease 10g (1)
BR955014BK	Low Profile Servo Horn 25T Black	BRGRS1055-10	BADASS™ Black Graphite Grease 10g (1)
BR955020	Heavy Duty Keyed Bevel Helical Gear 30/8T + Differential Locker Spool Set	BRGRS242	242 Thread Lock 2g (1)
BRASBH2506	M2.5x6mm Round Head 12.9 Grade Nickel Plated Screws (10)	BRKD003-90	KUDU™ Heavy-Duty 80-90mm Steel CVD Center Drive Shaft (1)
BRASBH2514	M2.5x14mm Round Head 12.9 Grade Nickel Plated Screws (10)	BRKD003-94	KUDU™ Heavy-Duty 84-99mm Steel CVD Center Drive Shaft (1)
BRASBH3006	M3.0x6mm Round Head 12.9 Grade Nickel Plated Screws (10)	BRLC7002/A	Aluminum Knuckle Lever (High Clearance) Right for BRX70/BRX80/BRX90 PHAT™ Axle Knuckle (1)
BRASBH3008	M3.0x8mm Round Head 12.9 Grade Nickel Plated Screws (10)	BRLC7002/C	Aluminum Knuckle Lever (High Clearance) Left for BRX70/BRX80/BRX90 PHAT™ Axle Knuckle (1)
BRASBH3010	M3.0x10mm Round Head 12.9 Grade Nickel Plated Screws (10)	BRLC7002/CA	Cast Metal Knuckle for BRX70/BRX80/BRX90 PHAT™ & AR44 Axle (2)
BRASBH3012	M3.0x12mm Round Head 12.9 Grade Nickel Plated Screws (10)	BRLC7010	Steel Leaf Spring Channel w/ Shock Mount for BRX70/BRX80/BRX90 PHAT™ Axle (2)
BRASBH3014/ST	M3 x14mm Round Head Self Tapping Screws (10)	BRLC7014	Middle Crossmember
BRASBH3016	M3.0x16mm Round Head 12.9 Grade Nickel Plated Screws (10)	BRLC7016	Steering Servo Mount
BRASBH3020	M3.0x20mm Round Head 12.9 Grade Nickel Plated Screws (10)	BRLC702011	AWB Chassis Front Rail L/R
BRASBH3022	M3.0x22mm Round Head 12.9 Grade Nickel Plated Screws (10)	BRLC70201-B	Front Output shaft for T-case OD
BRASBH3024	M3.0x24mm Round Head 12.9 Grade Nickel Plated Screws (10)	BRLC70202	AWB Front Crossmember
BRASCH2008	M2x8mm Socket Cap Screw 12.9 Grade Nickel Plated Screws (10)	BRLC70204	AWB Front Leaf Spring Shackle R/L (2)
BRASCH2508	M2.5x8mm Socket Cap Screw 12.9 Grade Nickel Plated Screws (10)	BRLC70205	AWB Rear Leaf Spring Retainer (2)
BRASCH2510	M2.5x10mm Socket Cap Screw 12.9 Grade Nickel Plated Screws (10)	BRLC70206	AWB Rear Crossmember
BRASCH3008	M3x8mm Socket Cap Screw 12.9 Grade Nickel Plated Screws (10)	BRLC70207	AWB Switch Lever
BRASEC30	E-clip 3mm (10)	BRLC70208	AWB Front Anti-Wrap Bar (2)
BRASFH2005	M2.5x5mm Counter Sunk Screw 12.9 Grade Nickel Plated Screws (10)	BRLC70209	Rear Anti-Wrap Bar Link (2)
BRASFH2506	M2.5x6mm Counter Sunk Screw 12.9 Grade Nickel Plated Screws (10)	BRLC70210	Gear Set 20Tx1 29Tx2 for T-case SWD & DIG
BRASFH2508	M2.5x8mm Counter Sunk Screw 12.9 Grade Nickel Plated Screws (10)	BRLC70212	AWB Chassis Rear Rail L/R
BRASFH3006	M3*6mm Counter Sunk Screw 12.9 Grade Nickel Plated Screws (10)	BRLC70214	AWB Chassis Side Bracket L/R
BRASFH3008	M3*8mm Counter Sunk Screw 12.9 Grade Nickel Plated Screws (10)	BRLC70215	AWB Slotted Plate (2)
BRASFH3010	M3*10mm Counter Sunk Screw 12.9 Grade Nickel Plated Screws (10)	BRLC70216	AWB Slotted Washer (4)
BRASNUTM25	Non-Flanged Nylon Lock Nut M2.5 (5)	BRLC70218	AWB Front Offset Shock Tower L/R
BRASNUTM3	Non-Flanged Nylon Lock Nut M3 (5)	BRLC7021A	Front Leaf Spring Set (2)
BRASNUTM4	Non-Flanged Nylon Lock Nut M4 (5)	BRLC70220F	AWB Center Front Slider
BRASPIN208	Pin (Steel) 2x8mm (10)	BRLC70220R	AWB Center Rear Slider
BRASPIN210	Wheel Hex Pin (Steel) 2x10mm (10)	BRLC70221	AWB Receiver Box Set
BRASSPD4705	Spacer D4X7X0.5 (1)	BRLC70222	AWB ESC Plate
BRASSPD5801	Spacer D5X8X0.1 Stainless Steel (10)	BRLC70223R	Mini Servo Mount for AWB
BRASSPD5805	Spacer D5X8X0.5 Stainless Steel (10)	BRLC70224	AWB Front Leaf Spring Retainer (2)
BRASST3003	M3x3 SS Set Screw (4)	BRLC70225	Brass Bushing (4)
BRASST3022/DS	M3 2.2x11 SS Steel Driveshaft Screw Pin (5)	BRLC70226	King Pin (4)
BRASST4016	M4x16 SS Set Screw (10)	BRLC7024	BRX70/BRX80/BRX90 PHAT™ Axle Housing with Black Diff Cover

PARTS LIST

Part#	Description	Part#
BRLC7027	Aluminum Gearbox Adapter with Motor Mount	BRW750
BRLC7029-12T	Heavy Duty 12T Gear (1)	BRW750
BRLC7029-15T	Heavy Duty 15T Gear (1)	BRW750
BRLC7029-20T	Heavy Duty 20T Gear (1)	BRW780
BRLC7030	HD Steel Spur Gear Mount (1)	BRW780
BRLC7031	Internal Spur Gear 28T 32 Pitch	BRW780
BRLC7032	Motor Spacer	BRW780
BRLC7039	30/8T Reverse HD Steel Triangular Keyed Bevel Helical Cut Diff Gear w/ Spool Set	BRW780
BRLC7040	3x6x5 mm Tapper Spacer(2)	BRW780
BRLC7041	3x6x3 mm Tapper Spacer(4)	BRX01B
BRLC7042	3x6x6 mm Tapper Spacer(2)	BRX01G
BRLC7044B	Input Shaft	BRB2XB
BRLC7044E	BCF2™ Assembled 2-Speed Transmission Gear Set	BRX020
BRLC7045B	Ultra Hard Steel Shifter	BRX020
BRLC7045C	Stainless Steel Shift Rod	BRX020
BRLC7049	2 Speed Servo Horn Set	BRX020
BRLC7050	Stainless Steel Drag Link & Panhard Link Set	BRX020
BRLC7059	Extension Cable (2)	BRX020
BRLC7064A	Rear Leaf Spring Set (2)	BRX020
BRLC7064B	Center Crossmember for Leaf Spring	BRX020
BRLC7064D	Rear Leaf Spring Shackle (2)	BRXT50
BRLC7064E	M3x14 Bolt (12)	JX/PDI-ł
BRLC7064G	Leaf Spring Channel (4)	
BRLC7207-P	Guiding Shaft (1)	
BRLC7208	Rear Output Shaft for T-case OD & SWD	
BRLC7209	High Efficiency Output Shaft	
BRPG3212-3	32P 12T / 3.175mm Steel Pinion Gear	
BRPHAT22BBZ	Full Ball Bearings Set for Front PHAT™ 70/80/90 Axle	
BRPHAT23BBZ	Full Ball Bearings Set for Rear PHAT™ 70/80/90 Axle	
BRPROB155-03MBK	ProBuild™ 1.55" Aluminum Beadlock Center Ring (1)	
BRQ90351	M2 Link Rod End Ball Joint (1)	
BRSH0070	KUDU™ 70mm Scale Shock Absorbers (4)	
BRSHJR	Joint Retainer (8)	
BRSHK030	BADASS™ 30WT Shock Oil 15ml	
BRSORD6-15	D6x1.5 O-Ring (10)	
BRT10028	Tool Set	
BRT10037	Cable Wiring Retainer	
BRT10053	Pivot Ball Tool	
BRTR15504	1.55" MAXGRAPPLER Scale RC Tire Gekko (Black) Compound 3.74"x1.18" (95x30mm) Open Cell Fo	ams (4)
BRW750300	BADASS™ Heavy Duty Rust-Resistant Stainless Steel Flanged Pivot Ball (8)	

Part #	Description
BRW750306A	KUDU™ Rod Ends M4 Nylon (Straight) 18.5mm (6)
BRW750307D	KUDU™ M4 Nylon Rod Ends 20.0mm (Upwards) (2)
BRW750310	Stainless Steel End Pivot Balls for KUDU™ Shocks(10)
BRW780909/COVERF	Front Center Wheel Cap For 1.55" / 1.9" Steelie Beadlock Wheels (XT5 Series)
BRW780909/COVERR	Rear Center Wheel Cap For 1.55" / 1.9" Steelie Beadlock Wheels (XT5 Series)
BRW780955A	1.55" 16-Hole Classic Steelie Beadlock Front Faceplate Gun Metal (2)
BRW780955B	1.55" 16-Hole Classic Steelie Beadlock Back Piece (1)
BRW780955FGM	1.55" 16-Hole Classic Steelie Reversible Beadlock Wheels (Front) w/ XT504 Hubs Gun Metal
BRW780955RGM	1.55" 16-Hole Classic Steelie Reversible Beadlock Wheels (Rear) w/ XT504 Hubs (2) Gun Metal
BRX01BBZ	High Performance Full Ball Bearings Set Rubber Sealed (32 Total)
BRX01GBBBZ	High Performance Ball Bearings Set Rubber Sealed For Gearbox (8 Total)
BRB2XBBZ	High Performance Ball Bearings Set Rubber Sealed For B2X Transfer Case
BRX020020LF	Center Skid Plate
BRX020029	BCF2™ Aluminum Gearbox Housing
BRX020029A	Bearing Holder
BRX020030	Brass Washer (4)
BRX020110	Side Gearbox Mount L&R
BRX020111	B2X™Transfer Case Housing (OD Ready)
BRX020115F	BRX80 Complete Front PHAT™ Axle Leaf Spring Ver (1)
BRX020115R	BRX80 Complete Rear PHAT™ Axle Leaf Spring Ver (1)
BRXT504V2	ProBuild™ XT504 V2 5-Lug Aluminum 12mm Wheel Hub Adapters 4MM Offset (2)
JX/PDI-HV1151MG	JX Waterproof HV Mini Servo 8.4V

BRX01-AWB _____

BOOMBACING ES

PARTS LIST (Optional Accessories)

Part # Chassis Parts BRD9024 BRLC70101-DIG BRLC70213 BRLC70219F BRLC70223A BRLC70223L BRLC70301-SWD BRLC7086F	Brass Rear Knuckle Base Weights for BRX80 / BRX90 PHAT™ Axle (2) DIG Transfer Case Kit AWB Chassis Rear Rail XL (287-307mm) R/L Tubular Alum Front Bumper Tubular Alum Rear Bumper Wire Cable Retainer for BRX01 AWB Mini Servo Mount for BRX01 AWB SWD (Selective RWD/4WD) Transfer Case Kit Front Skid Plate for BRX70/BRX80/BRX90 PHAT™ Axle	Part # Pinion Gear BRPG3209-3 BRPG3210-3 BRPG3211-3 BRPG3213-3 BRPG3214-3 BRPG3215-3 BRPG3216-3 BRPG32COMBO1-3 BRPG32COMBO2-3	Description 32P 9T / 3.175mm Steel Pinion Gear (1) 32P 10T / 3.175mm Steel Pinion Gear (1) 32P 11T / 3.175mm Steel Pinion Gear (1) 32P 13T / 3.175mm Steel Pinion Gear (1) 32P 14T / 3.175mm Steel Pinion Gear (1) 32P 15T / 3.175mm Steel Pinion Gear (1) 32P 15T / 3.175mm Steel Pinion Gear (1) 32P 16T / 3.175mm Steel Pinion Gear (1) 32P Steel Pinion Gear Combo 9T-12T (4) 32P Steel Pinion Gear Combo 13T-16T (4)
BRLC7086R BRLC7088 BRLC7089 BRLC7092 BRLC7200 Gears BR955029 BR955040 BRLC70201-GEAR	Rear Skid Plate for BRX70/BRX80/BRX90 PHAT™ Axle XT Diff Cover for BRX70/BRX80/BRX90 PHAT™ Axle Brass Front Knuckle Base Weights for BRX70/BRX80/BRX90 PHAT™ & AR44 Axle (2) Brass Small Weight Blocks 4g for BRX70/BRX80/BRX90 PHAT™ Axle Knuckle Weight Base (6) Servo Winch Mount Kit Overdrive HD Steel Keyed Bevel Helical Gear 27/8T + Diff Locker Spool Set Overdrive HD Steel Keyed Bevel Helical Gear 24/8T + Diff Locker Spool Set Transfer Case Overdrive HD Steel Gear Set	Shock Oil BRSHK010 BRSHK015 BRSHK020 BRSHK025 BRSHK030 BRSHK035 BRSHK040 BRSHK045 BRSHK045	BADASS™ Silicone Shock Oil 10wt 60ml BADASS™ Silicone Shock Oil 15wt 60ml BADASS™ Silicone Shock Oil 20wt 60ml BADASS™ Silicone Shock Oil 25wt 60ml BADASS™ Silicone Shock Oil 30wt 60ml BADASS™ Silicone Shock Oil 35wt 60ml BADASS™ Silicone Shock Oil 40wt 60ml BADASS™ Silicone Shock Oil 45wt 60ml BADASS™ Silicone Shock Oil 50wt 60ml
BRW780921GD BRW780921R BRW780923 BRW780923PL BRW780923S BRW780925BK BRW780925S BRW780944 BRW780947	Scale 4WD Center Locking Hub Cap (2) Gold (XT5 Series) Scale 4WD Center Locking Hub Cap (2) Red (XT5 Series) S100 Scale Center Wheel Hub Cap (2) Black (XT5 Series) S100 Scale Center Wheel Hub Cap (2) Platinum (XT5 Series) S100 Scale Center Wheel Hub Cap (2) Silver (XT5 Series) Spectre Scale Center Wheel Hub Cap (2) (XT5 Series) Black Spectre Scale Center Wheel Hub Cap (2) (XT5 Series) Silver Retro Nylon Center Wheel Cap (4) (XT5 Series) w/ Tool Dome Center Cap (2) Chrome (XT5 Series)	BRSHK055 BRSHK060 BRSHK065 BRSHK070 BRSHK075 BRSHK080	BADASS™ Silicone Shock Oil 55wt 60ml BADASS™ Silicone Shock Oil 60wt 60ml BADASS™ Silicone Shock Oil 65wt 60ml BADASS™ Silicone Shock Oil 70wt 60ml BADASS™ Silicone Shock Oil 75wt 60ml BADASS™ Silicone Shock Oil 80wt 60ml
Wheel Hub BRXT502PIN BRXT500V2	XT502PIN 5-Lug Metal Wheel Pin Hub Adapters +2MM Positive Offset (2) ProBuild™ XT500 V2 5-Lug Aluminum Wheel Pin Hub Adapters 0MM Offset Version 2 (2) Black		

ProBuild™ XT508 V2 5-Lug Aluminum 12mm Wheel Hub Adapters 8MM Offset Version 2 (2) Black

XT512 5-Lug Aluminum 12mm Wheel Hub Adapters 12mm Offset (2)

If you have questions, call Boom Racing at: Email Boom Racing at sales@boomracing.com

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BRXT508V2 BRXT512

Adam Sajdak (Germany)

The BRX01 AWB is a very successful chassis design that works great off-road! At the same time, thanks to the adjustable wheelbase (AWB), it gives us unlimited possibilities in the future, allowing us to adapt the frame to individual projects. It looks like a great multiplatform that will work in any project.





Jeremy Kilburn (United States)

Another unmatched build experience from Boom Racing! The quality and thoughtfulness of the AWB kit presents unlimited possibilities with builders, competitors and newcomers in mind.

Shawn Roche (United States)

I have tested all the BRX trucks and I was excited to get involved with the AWB because it is the chassis the industry has needed for a very long time. Based on the tried a true BRX01 drivetrain it is reliable and it out perfoms any stock leaf truck I have ever run, this is the perfect chassis for a builder or anyone looking for something different and still want insane performance. Excellent job Boom Racing.





Andreas Hahn, Stefan Dölderer (Austria)

Thank you for the opportunity to test this model in detail. First of all, the quality is, as always, very high and building the AWB model is fun. Thanks to the adjustable chassis, you will have many options for driving different bodies in the future. The quality of the adjustment mechanism is very good. The rest is tried and tested BRX01 technology which, as everyone knows, is perfect.

Matthew Maynard (United States)

My journey with Boom Racing began with the pre-order of the BRX02 carbon fiber chassis kit. From the moment I held it, I knew this was an amazing company. Over the years, as I built more trucks, my trust in their quality and professionalism only grew, both in their rigs and customer service. Now, I have the honor of standing in a Boom tent, talking tiny trucks, and helping bring exciting new kits to the RC market. Whether at events or online, I'm proud to be part of this incredible community. Congrats - if you're reading this, you're now part of the Boom family. Welcome, and enjoy committing badassery!





Peter Gray (United Kingdom)

Building and then running the BRX01 AWB has been an eye opener. It's made me realise why I love this aspect of the hobby so much. A photorealistic body combined with a chassis, transmission and tyre choice that punches well above its wheelbase and wheel size. Add to that the game changing adjustability of the wheelbase via the AWB Chassis and you have a rig that I'm convinced will inspire many a custom build globally... (hell, I'm already planning something myself!)

Darius Cybula (Germany)

Chassis of new possibilities. The ability to adjust the wheelbase to individual needs gives freedom of choice of bodywork, and the ease with which it can be done even encourages it. All this combined with proven solutions, already known in the BRX01 chassis. I am convinced that it will soon become the most frequently purchased chassis among hobbyists of both scale and performance cars.



