

SCALE **4WD** Series

BOLT-ON KIT
PARTIAL ASSEMBLY REQUIRED



The Official Scale Performance
Chassis of the RECON G6

BOOMRACING®
Your Radio Control Car Specialist

BRX02

1/10 4WD RADIO CONTROL CHASSIS KIT FOR SERIES LAND ROVER

109



THE SCALE PERFORMANCE CONTINUES

Congratulations on your new BRX02 109 chassis.

Before you begin building, we want to thank you for choosing Boom Racing. Being R/C hobbyists ourselves, we are constantly evolving to add value to the R/C community by making quality, fun-to-build, and high-performance products that we ourselves enjoy. We feel extremely blessed to be in a position to manufacture products for hobbyists like you. Without your support, we wouldn't be able to do what we do. So thank you, and, if this is your first BRX chassis, welcome to the Boom Racing family. Now relax and enjoy the build!

As a start, we would like to introduce you to your customized license plates and Vehicle Identification Number (VIN) system to identify your vehicle, which are both uniquely yours. All BRX02 109 chassis kits are numbered with matching license plates, and all BRX chassis have unique VINs.

As the registered owner, you are eligible to receive a special promotion at any events hosted or attended by Boom Racing. Once your vehicle is registered online (<https://www.boomracing.com/vehicleregistration>), the chassis is officially registered to you and no one else can claim it.

Any future events such as recalls, maintenance-related issues, and promotional offers including priority pre-orders and giveaways will be notified if registered. Once registered, vehicle logs will be kept. New vehicle owners will be able to view the histories of their pre-owned vehicles. Vehicle ownership can be transferred from the registered owner to the new owner directly on our website.

Included with your BRX02 109 chassis kit is a set of classic UK license plates. The plates consist of two groups of alphanumeric characters. From left to right, the characters consist of:

- The first three characters signify the **BRX02 109** chassis
- The next number matches your chassis number. Starting from the numerical value 1, this number uniquely identifies each vehicle
- The last letter identifies the chassis type - **L** for 109 / **S** for 88

Track Your Adventures with Scalettra

We're excited to partner with **Scalettra Adventure**, the RC tracking app for scale trail enthusiasts. Scalettra 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 Scalettra.
- Register new BRX vehicles directly on Scalettra — they'll sync back to your Boom Racing account.
- Add an unlimited number of BRX vehicles to your Scalettra garage.
- Vehicle mileage syncs back to your Boom Racing account.

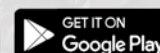
Thank you for choosing Boom Racing. Now, get out there and commit some badassery!



Scan to register your BRX02 109



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. This kit includes factory-assembled axles. Before installation and operation, inspect all axle assemblies to ensure that all screws are properly tightened and that all gears and moving components are adequately lubricated. Apply additional grease if necessary.



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



⚠ 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 CHILDREN'S REACH.



BEFORE YOU PROCEED

Congratulations! Owning the BRX02 109 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 BRX02 109, 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.boomracing.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 BRX02 109 sensibly and with care, and it will be exciting, safe and fun for you and those around you. Failure to operate your BRX02 109 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.
- BRX02 109 can be very fast and quiet. It could cause injury to those unaware of its presence.

Inspect Your BRX02 109 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 BRX02-109 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 BRX02-109.
- 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 Do

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>
- Online @ Support Ticket: <https://www.boomracing.com/help>
- Email: sales@boomracing.com
- Telephone: 1-209-676-8880
- Facebook Messenger: (www.facebook.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.

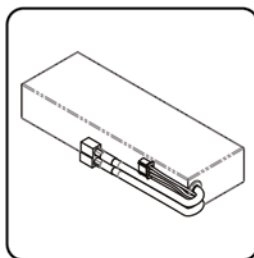
2. Our Customer Support may ask you to return and ship the defective product back to us. Label and ship the product, freight prepaid, to the address provided by Boom Racing; and
3. Place any necessary return authorization number prominently on the outside of the return packaging. Return packaging not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

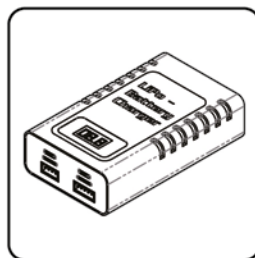
Equipment Required



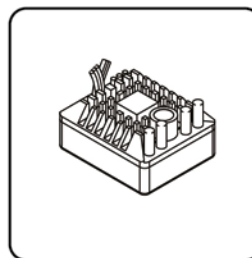
3CH Radio



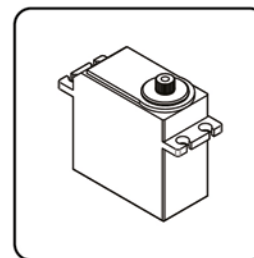
Battery



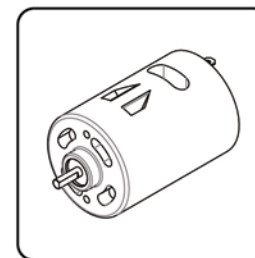
Charger



ESC



Steering Servo



540/550 Motor

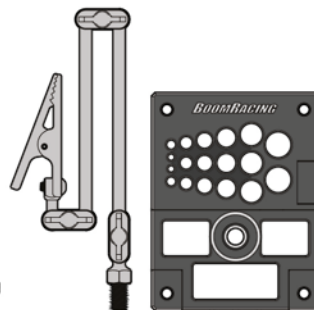
Tools Recommended



KUDU™ Allen Hex Wrench Set
#BRKT10020



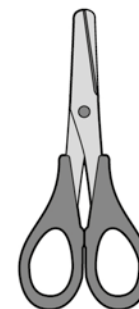
Shock Slime Grease 5g
#BGRS09-5GB



Multifunctional Soldering Jig
#BRT10058



Multipurpose Shock Pliers
#BRT10065



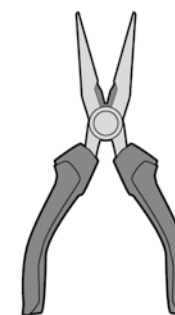
Scissors



Hobby Knife



Slot Screwdriver



Long Nose Pliers

Icon Legend

These icons indicate safety warnings, required materials, and build tips used throughout this manual.



Thread Lock

Apply thread lock to places shown by this mark. Apply thread lock to all screws threading into metal. Not required for nyloc nuts or screws threading into plastic. (Do Not Use Red Loctite)



Black Graphite Grease

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



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.



Apply Double Side Tape



Oil Leak Resistant

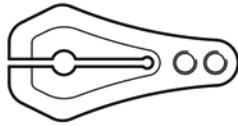


Item not included.



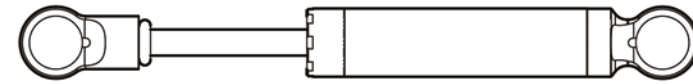
Pay attention to note on page.

1



Aluminum Low-Profile
Servo Horn 25T x 1
#BR955014BK

3



KUDU™ 80mm Scale Shock Absorber x 4
#BRSH0080

2



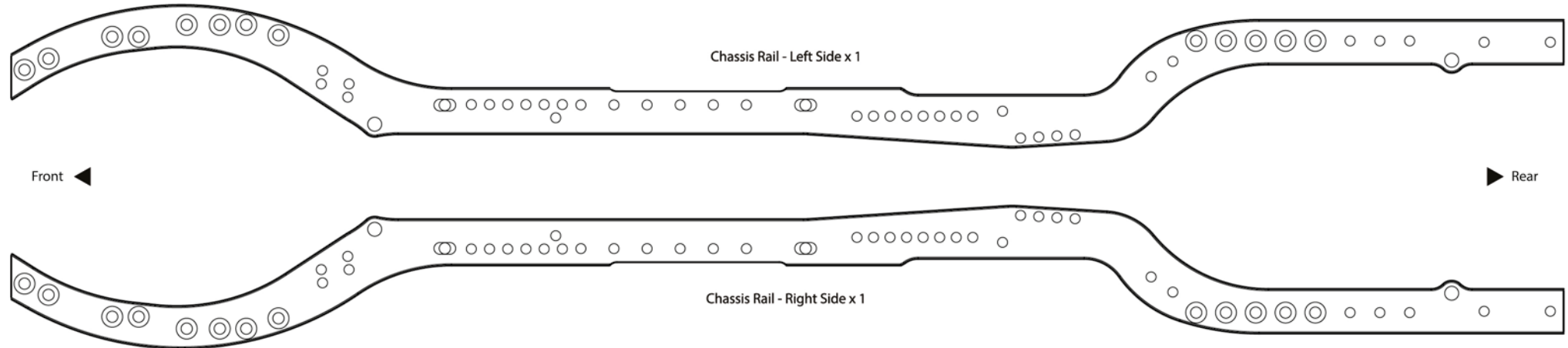
Shock End Pivot x 8
#BRW750310



Joint Retainer x 10
#BRSHJR

4

#BRX020114



5



Front Anti-Wrap Bar x 2
#BRX020027

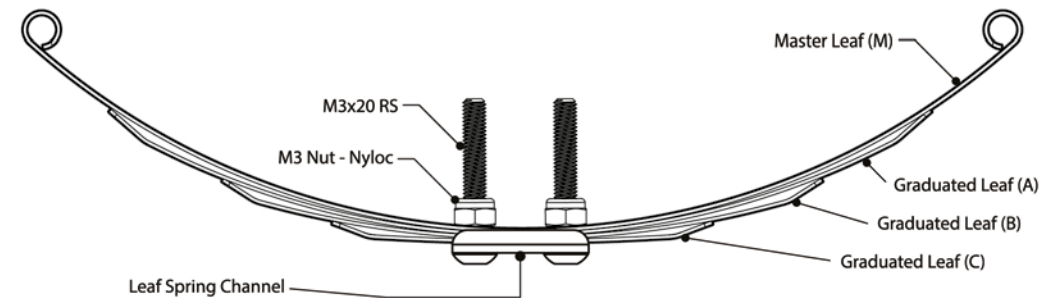
6



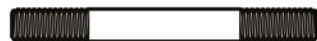
Brass Washer x 4
#BRX020030

7

#BRLC7064A



8

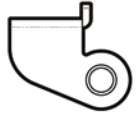
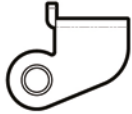


Stainless Steel M4x40 Anti-Wrap Bar x 2
#BRLC7064C

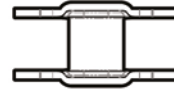
4 sets

9

#BRX020064B

Front Leaf Retainer
- Left x 1Front Leaf Retainer
- Right x 1

10

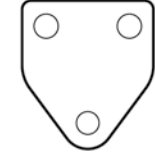
Leaf Spring Shackle Type-B x 4
#BRX020064A

11

#BRLC7064F

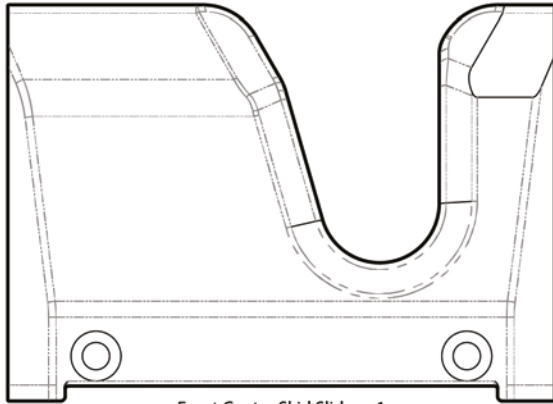


Rear Leaf Retainer - Outside x 2

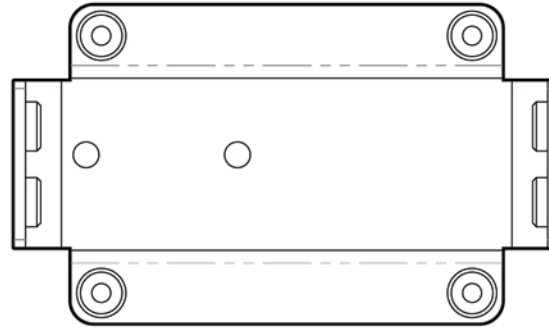


Rear Leaf Retainer - Inside x 2

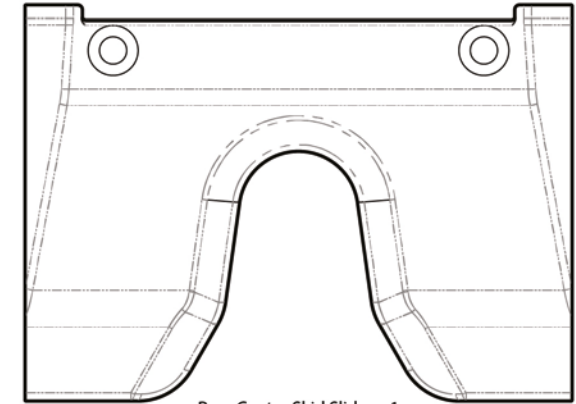
12

Front Center Skid Slider x 1
#BRX020107F

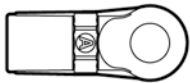
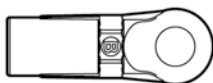
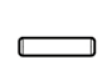
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Center Skid Plate x 1
#BRX020020LF

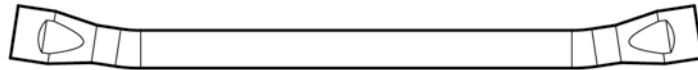
14

Rear Center Skid Slider x 1
#BRX020107R

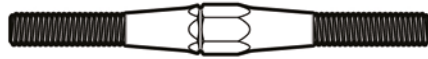
13

KUDU™ Nylon Rod End
(Straight 18.5mm) x 4
#BRW750306AKUDU™ Nylon Rod End
(Straight 21.8mm) x 2
#BRW750309BKUDU™ Nylon Rod End
(Sideways) x 1
#BRW750308CKUDU™ Nylon Rod End
(Upwards 20.0mm) x 1
#BRW750307DBADASS™
Stainless Steel Pivot Ball x 8
#BRW750310D2 Ball & Rod End x 1
#BRQ9035115 **B LEAFS / SHOCKS**M3x24 RS x 3
#BRASBH3024M3x16 RS x 8
#BRASBH3016M3x14 RS x 1
#BRASBH3014M3x10 RS x 1
#BRASBH3010M4x16 SS x 2
#BRASST40163x6x3
Tapper Spacer x 8
#BRLC7041D4x7x1
Stainless Steel Spacer x 2
#BRASSP471D6x1.5 O-Ring x 2
#BRSDRD6-15M3 Nut - Nyloc x 1
#BRASNUTM315 **C LEAF SPRINGS**M3x22 RS x 2
#BRASBH3022M3x12 RS x 4
#BRASBH3012M3 Nut - Nyloc x 20
#BRASNUTM3M2.5 Nut x 2
#BRASNUTM25M3x8 RS x 2
#BRASBH3008M2.5x14 RS x 2
#BRASBH2514D6x1.5 O-Ring x 8
#BRSDRD6-153x6x3
Tapper Spacer x 2
#BRLC7041M3x14 Bolt x 12
#BRLC7064ED4x7x1 Nylon Spacer x 4
#BRASSPD471/N15 **A CHASSIS**M3x14 RS x 4
#BRASBH3014/STM3x12 RS x 6
#BRASBH3012M3x10 RS x 11
#BRASBH3010M3x8 RS x 4
#BRASBH3008M3x6 RS x 2
#BRASBH3006M2.5x4 RS x 8
#BRASBH2504M3x10 CSS x 28
#BRASFH3010M3x6 CSS x 4
#BRASFH3006M2x4 SC x 4
#BRASCH2004M3x4 SS x 2
#BRASST3004M3x3 SS x 4
#BRASST3003M3 Nut - Nyloc x 2
#BRASNUTM3M3x5 Hex Cap Screw x 2
#BRASHS300515 **D WHEELS**M4 Nuts - Nyloc x 4
#BRASNUTM4D4x7x2
Steel Spacer x 4
#BRASSP472D2x10 Pin x 4
#BRASPIN210

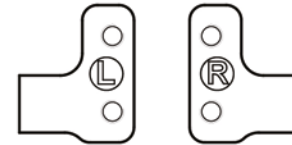
16


 Stainless Steel Tie Rod x 1
 #BRD8022A

17


 Fine Tunable Link - 55mm x 1
 #BRLC7050

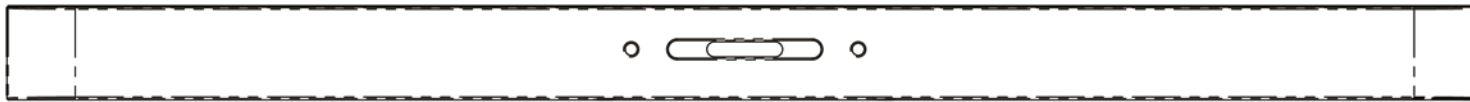
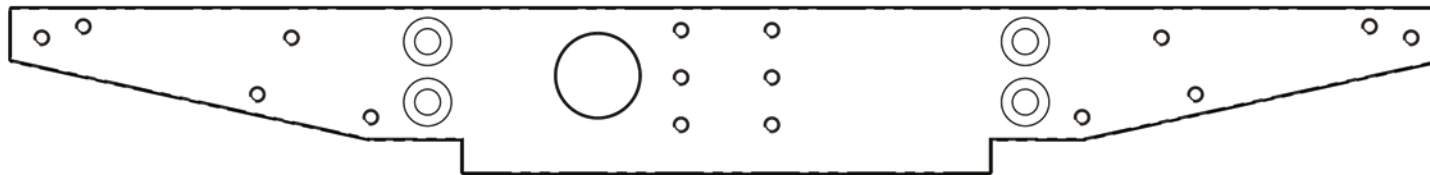
18


 Steering Servo Mount x 2
 #BRX020108

19

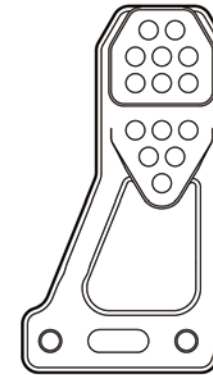

 Body Latch Pin x 4
 #BRX020034

20

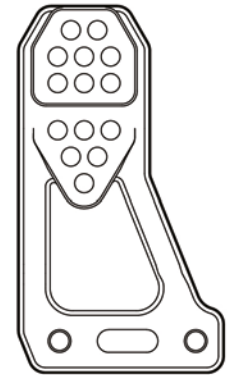

 Front Bumper x 1
 #BRX020109F

 Rear Bumper x 1
 #BRX020109R

21

#BRX020018F

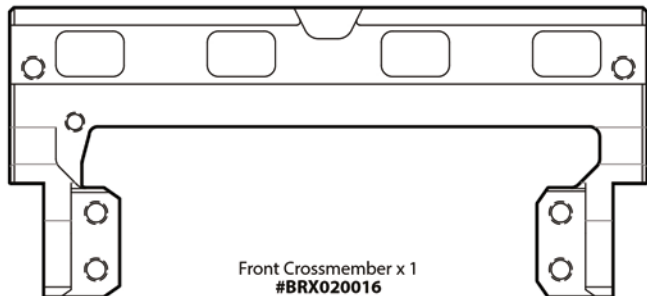


Front Shock Mount - Left x 1



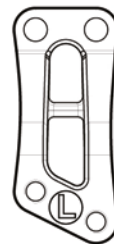
Front Shock Mount - Right x 1

22


 Front Crossmember x 1
 #BRX020016

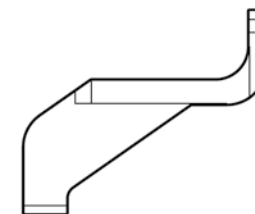
23

#BRX020110

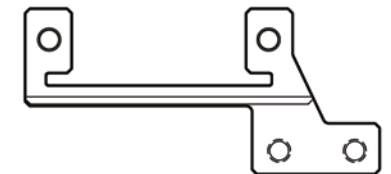

 Side Gearbox Mount
 - Left x 1

 Side Gearbox Mount
 - Right x 1

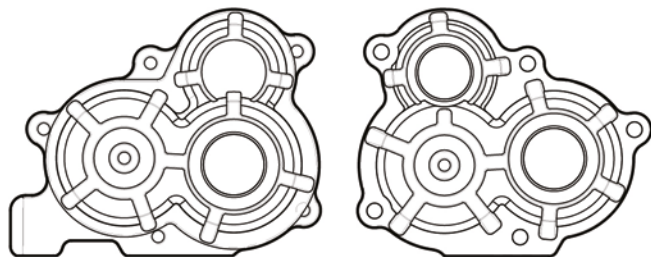
24


 Rear Gearbox Mount x 1
 #BRX020017

25

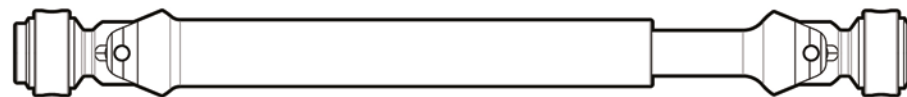

 Mini Servo Mount x 1
 #BRX020009

26



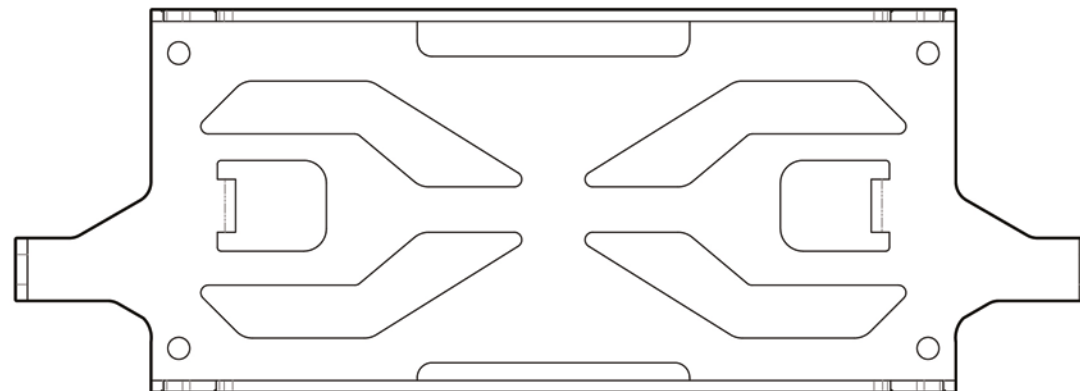
B2X™ Transfer Case Housing x 1
#BRX020111

28



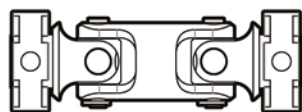
KUDU™ HD CVD Center Drive Shaft x 2
#BRX020043

29



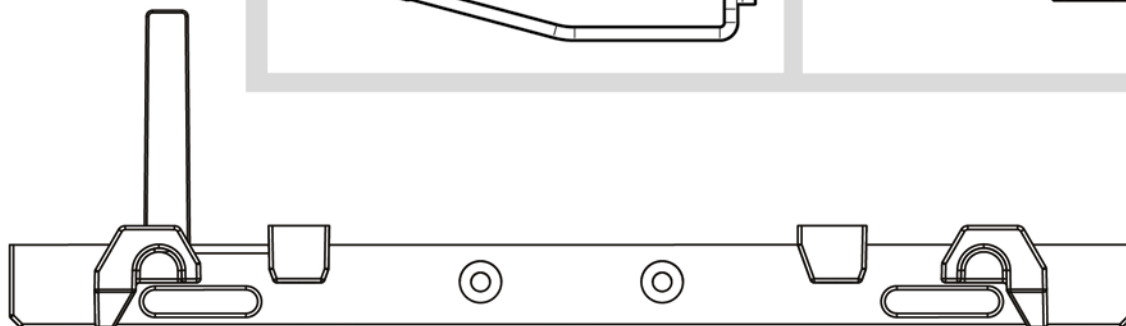
Battery Tray x 1
#BRX020021

27



Badass™ Heavy Duty Steel
Connection Drive Shaft (33mm) x 1
#BRBD955003J

31



Body Brace
⚠ (Parts Provided in Series II/III Hard Body Kit)

30



Shift Rod x 1
#BRX020051

#BRX020112

34

#BRX020113



S3 Rear Bumperette x 2

32



Body Post x 4
#BRX020039

33



Quick Release Body Latch x 2
#BRX020061

35



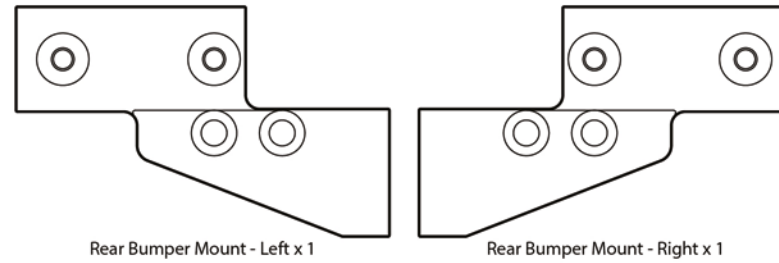
Mid Crossmember x 1
#BRX020014

36

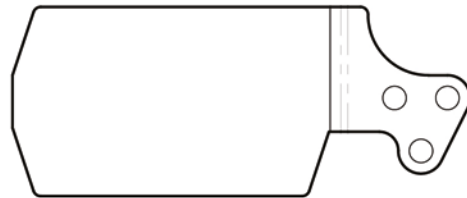


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#BRX020019

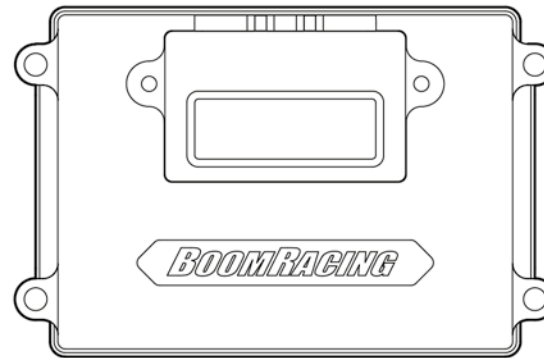


37



40

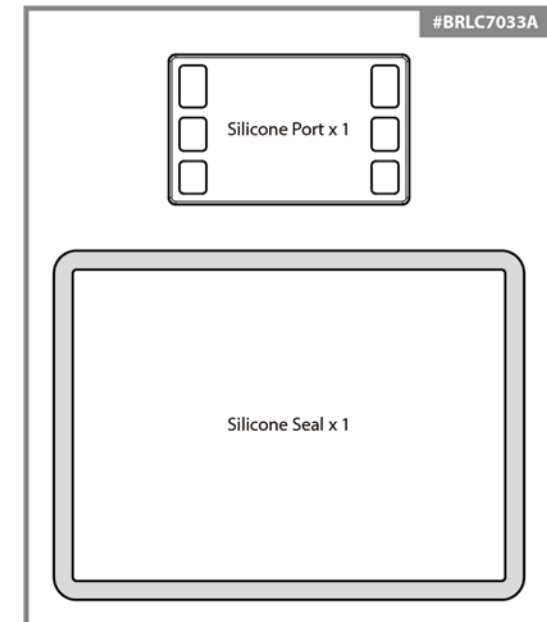
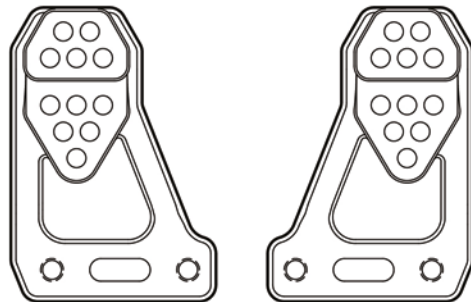
#BRLC7033



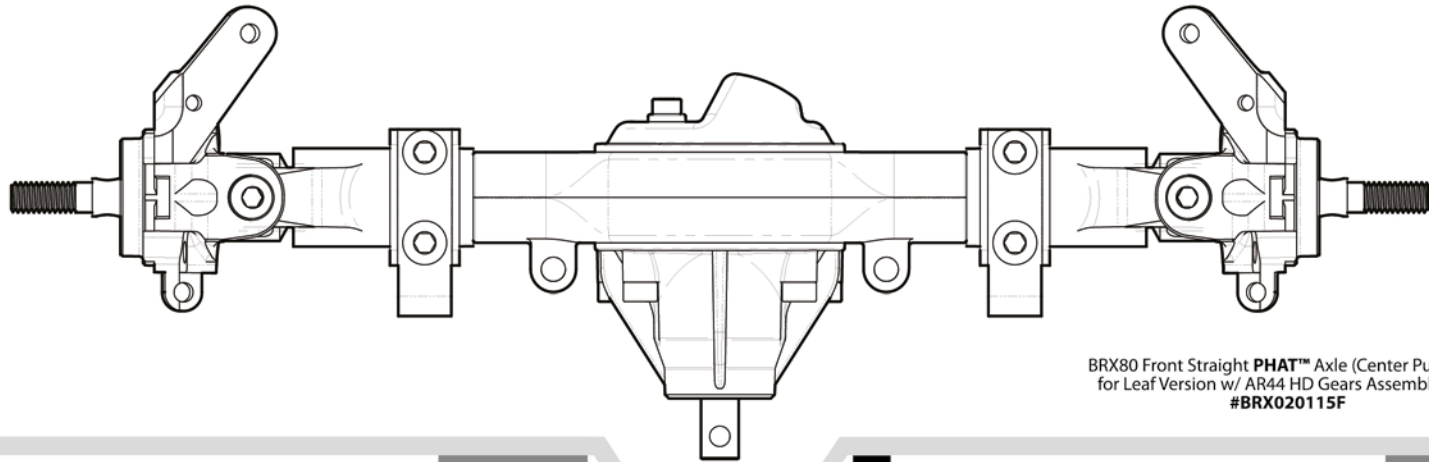
ESC Mount Bracket
#BRX020106

38

#BRX020018R



41

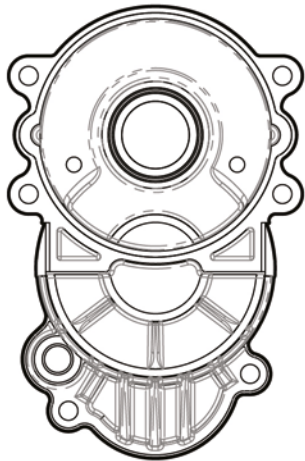


BRX80 Front Straight **PHAT™** Axle (Center Pumpkin)
for Leaf Version w/ AR44 HD Gears Assembled x 1
#BRX020115F

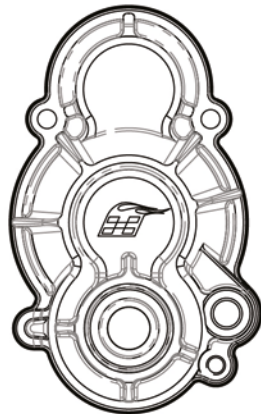
42

BCF2™ Gearbox Housing (2pcs)

#BRX020029

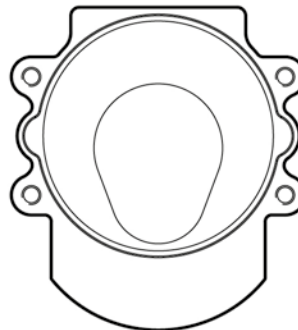


Gearbox Housing A

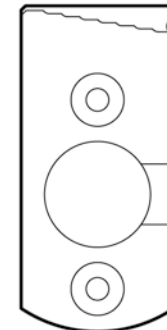


Gearbox Housing B

43



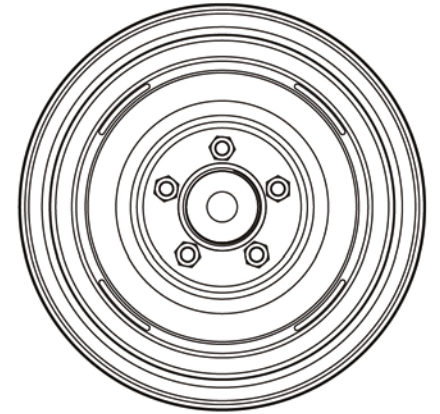
Gearbox Adapter x 1



Stainless Steel Motor Mount x 1

#BRLC7027V2

45



SLR™ 1.9 Classic Steel Wheel x 4
w/ Cap and Scale Hardware

45

#BRW780944

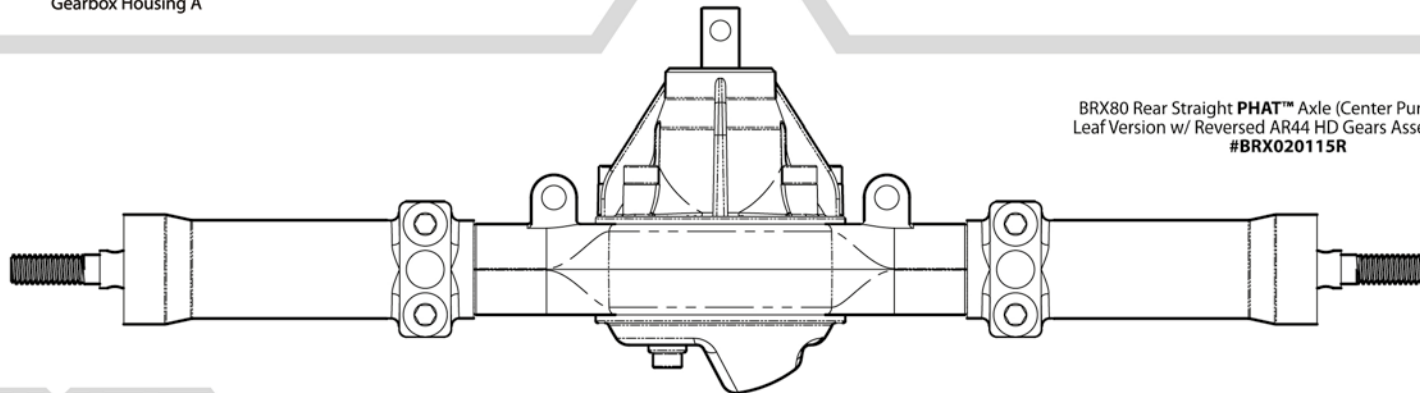


Wheel Caps installation Tool x 1



Nylon Wheel Caps x 4

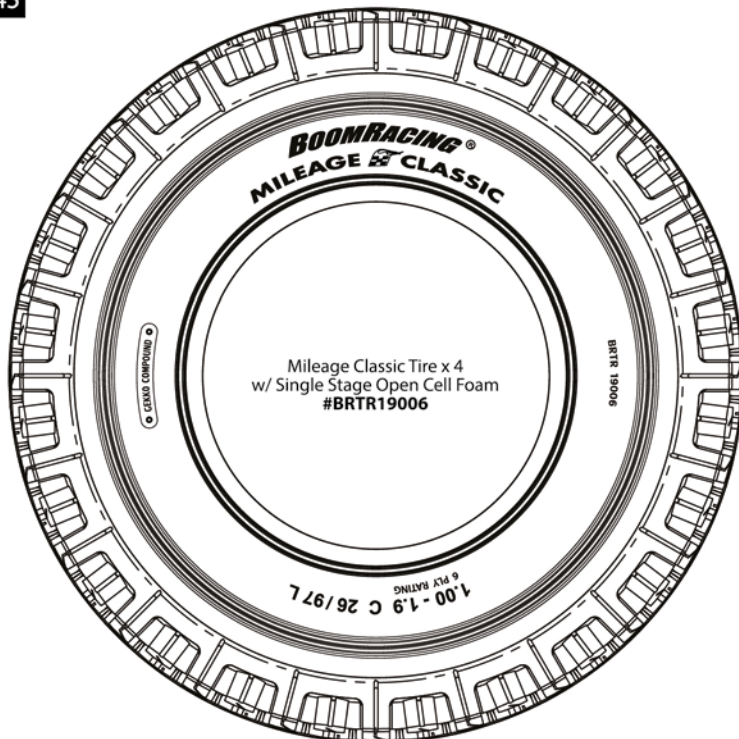
44



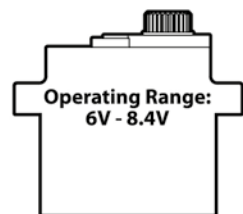
BRX80 Rear Straight **PHAT™** Axle (Center Pumpkin) for
Leaf Version w/ Reversed AR44 HD Gears Assembled x 1
#BRX020115R

BRX02

45

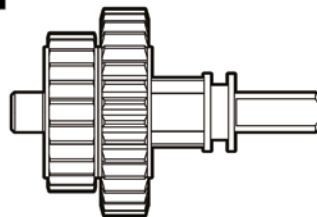


46



JX Waterproof HV Mini Servo x 1
#JX/PDI-HV1151MG

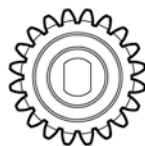
47



2-Speed Gear Unit x 1
#BRLC7044E



Spur Gear Mount x 1
#BRLC7030

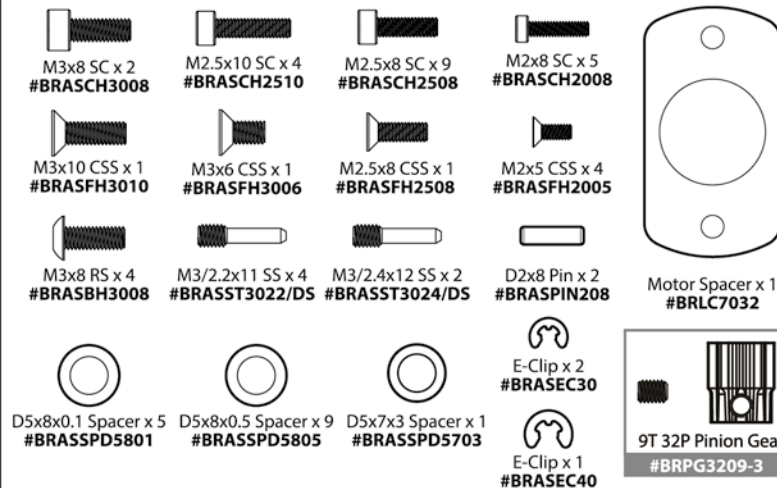


Spur Gear 20T x 2
#BRLC7029-20T



Bearing Holder x 1
#BRX020029A

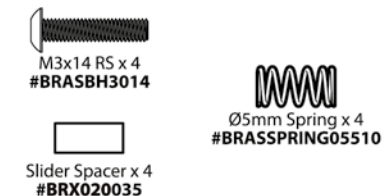
47 E GEARBOX / TRANSFER CASE



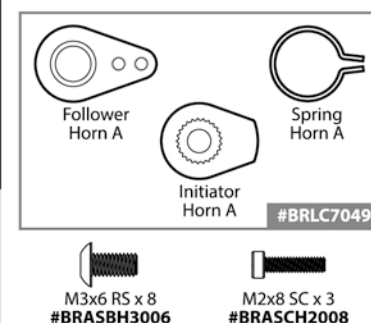
47 F RECEIVER BOX



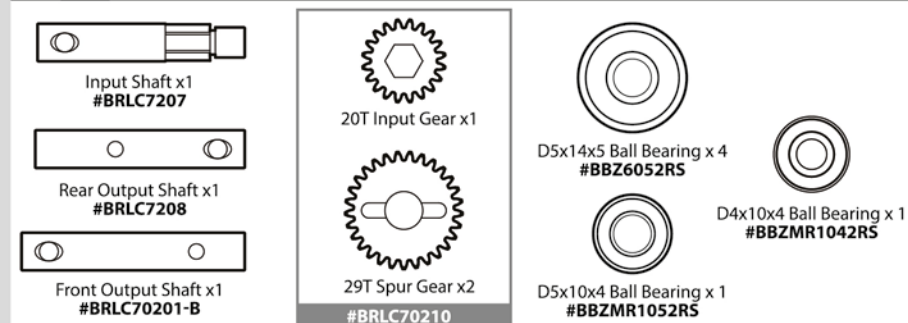
47 G BODY MOUNTS



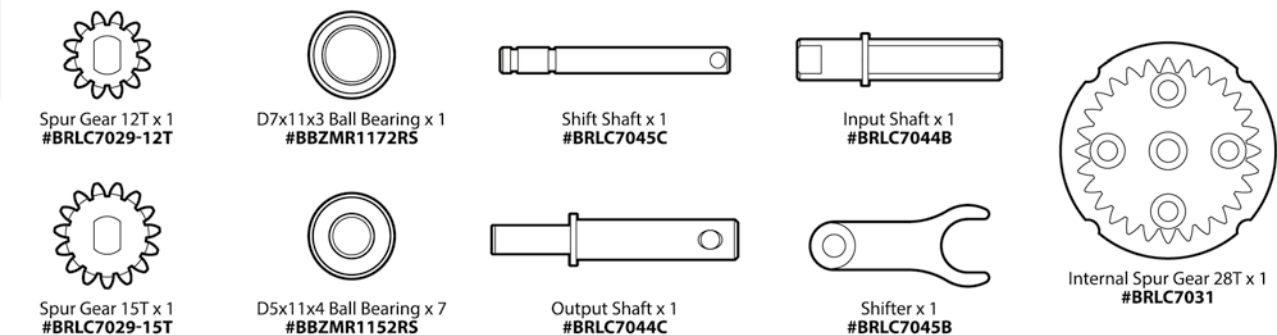
47 H SERVOS



47 I GEARS, SHAFTS & BEARINGS - TRANSFER CASE



47 J GEARS, SHAFTS & BEARINGS - GEAR BOX



47



Extension Cable x 2
#BRLC7059

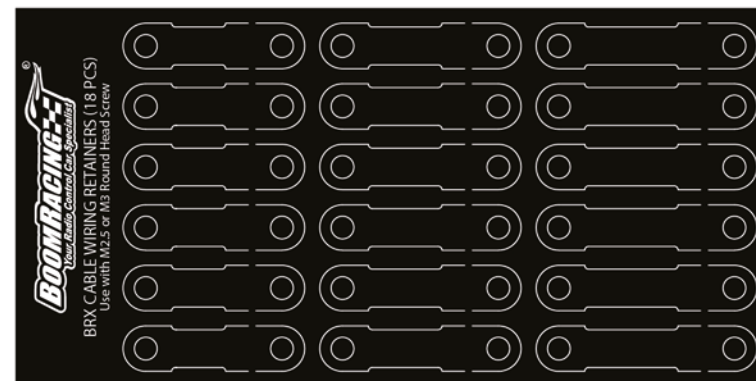
47



10 x 1.5cm Double Side Tape x 1

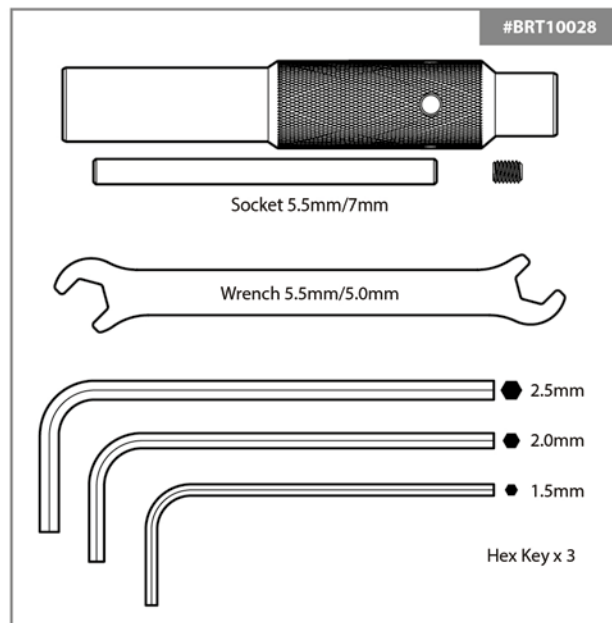


47



Cable Wiring Retainers
#BRT10037

47



#BRT10028

Socket 5.5mm/7mm

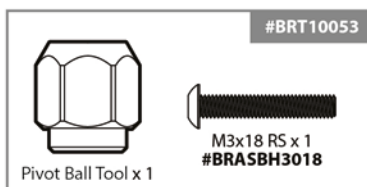
Wrench 5.5mm/5.0mm

2.5mm

2.0mm

1.5mm

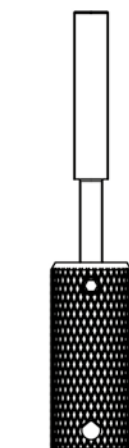
Hex Key x 3



#BRT10053

Pivot Ball Tool x 1

M3x18 RS x 1
#BRASBH3018



3.0mm Scale Socket
Thumb Driver x 1
#BRPROB-17

47



Black Graphite Grease 10g x 1
#BRGRS1055-10



Silicone Grease 10g x 1
#BRGRS10274-10



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



242 Thread Lock 2g x 1
(Available separately in 10g)
#BRGRS242



1 - CHASSIS RAIL

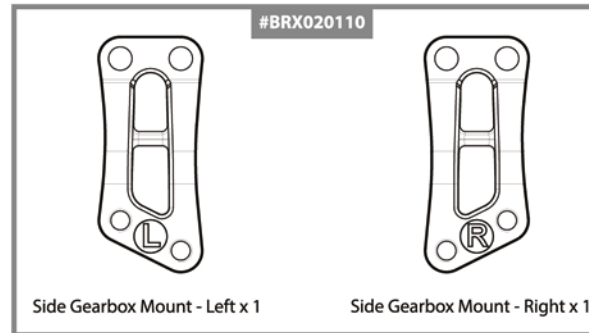
Parts Needed:



Body Latch Pin x 4
#BRX020034

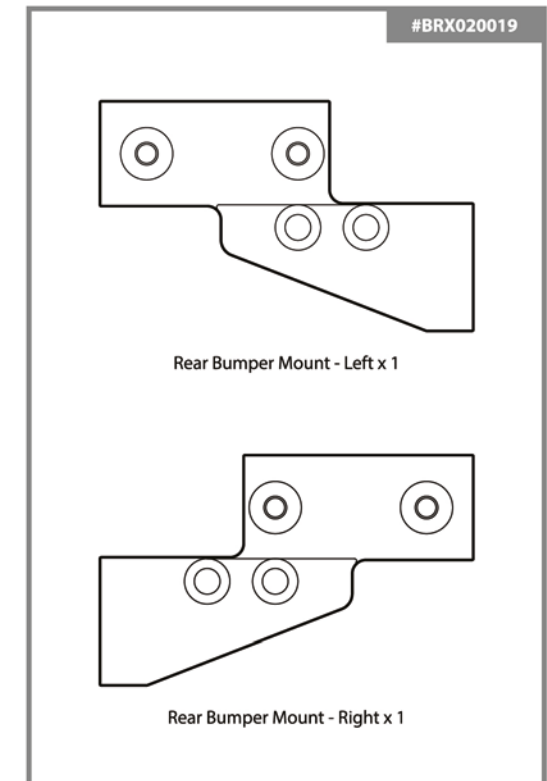


Body Post x 4
#BRX020039



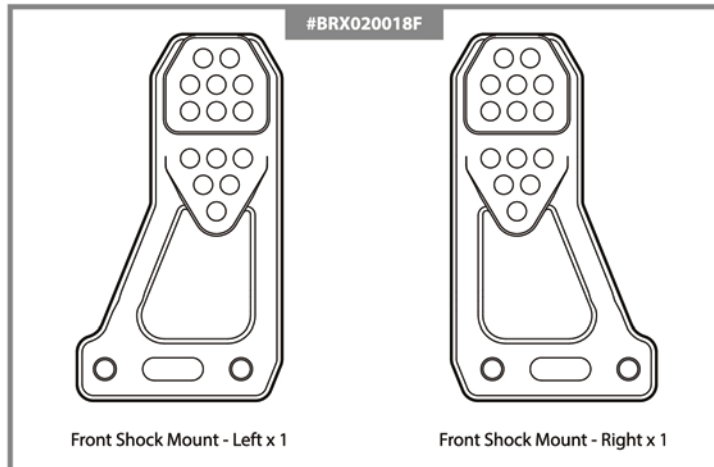
Side Gearbox Mount - Left x 1

Side Gearbox Mount - Right x 1



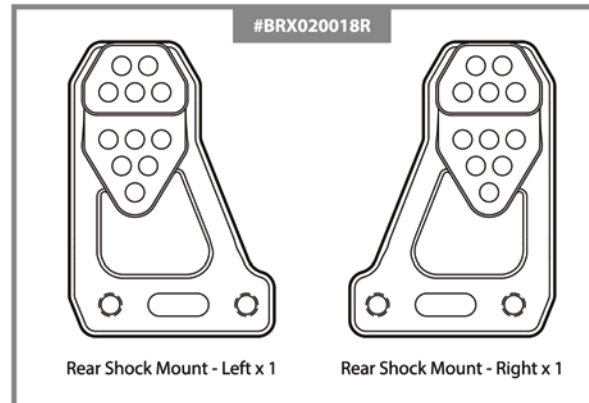
Rear Bumper Mount - Left x 1

Rear Bumper Mount - Right x 1



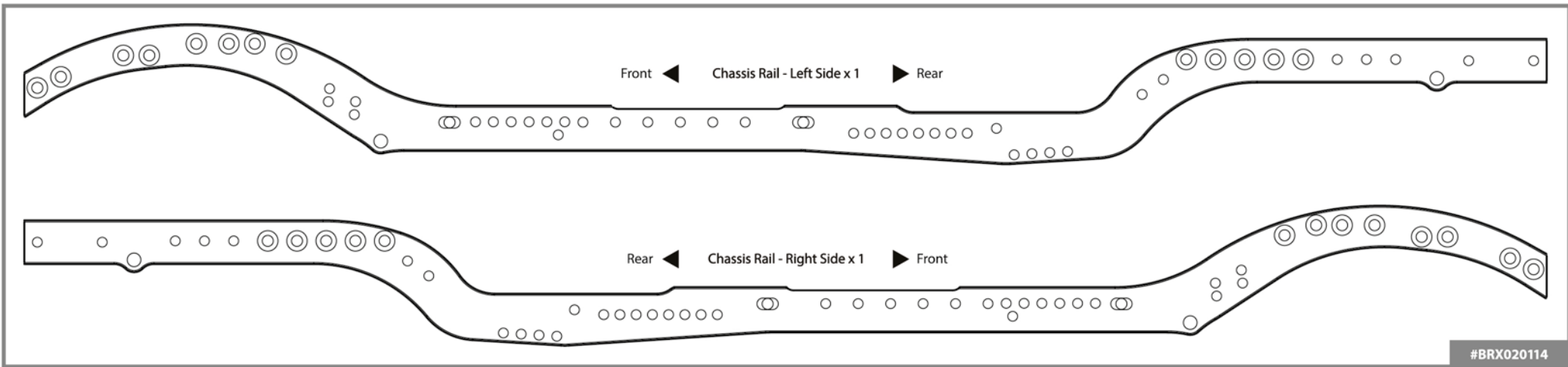
Front Shock Mount - Left x 1

Front Shock Mount - Right x 1



Rear Shock Mount - Left x 1

Rear Shock Mount - Right x 1



Front ◀ Chassis Rail - Left Side x 1 ▶ Rear

Rear ◀ Chassis Rail - Right Side x 1 ▶ Front

#BRX020114

A CHASSIS

M3x10 RS x 4
#BRASBH3010

M3x8 RS x 4
#BRASBH3008

M3x10 CSS x 12
#BRASFH3010

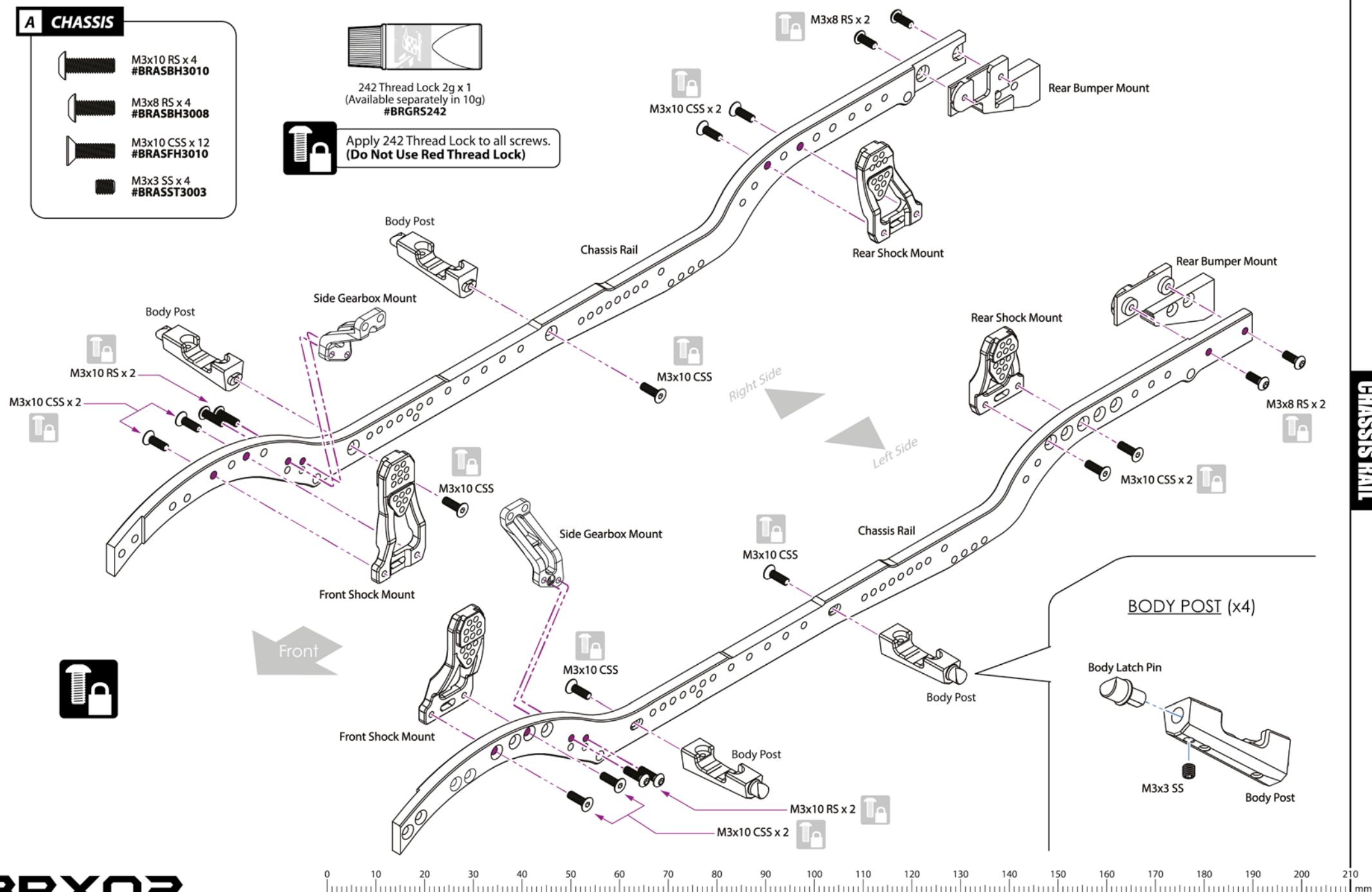
M3x3 SS x 4
#BRASST3003



242 Thread Lock 2g x 1
(Available separately in 10g)
#BGRS242

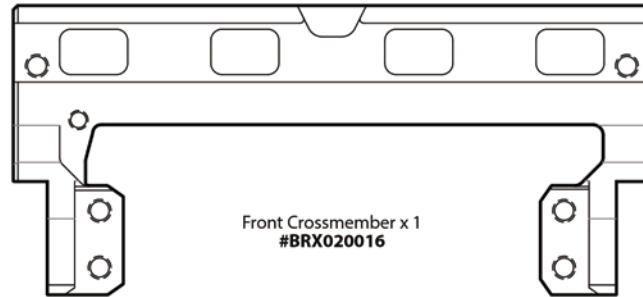


Apply 242 Thread Lock to all screws.
(Do Not Use Red Thread Lock)

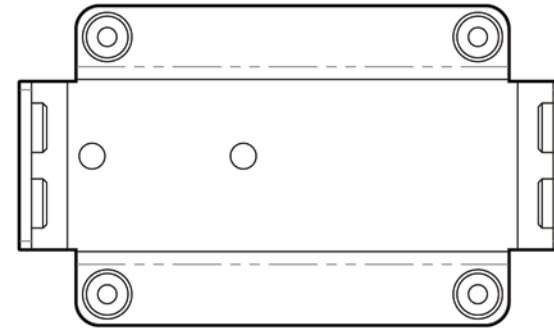
**BRX02**

2 - CHASSIS

Parts Needed:



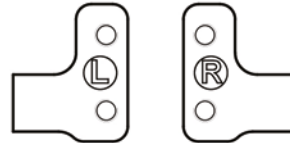
Front Crossmember x 1
#BRX020016



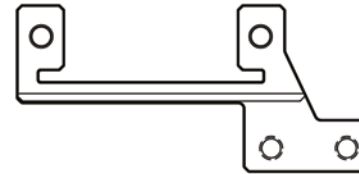
Center Skid Plate x 1
#BRX020020LF



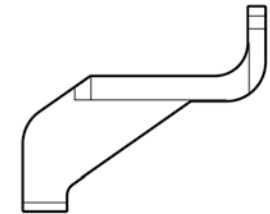
Mid Crossmember x 1
#BRX020014



Steering Servo Mount x 2
#BRX020108



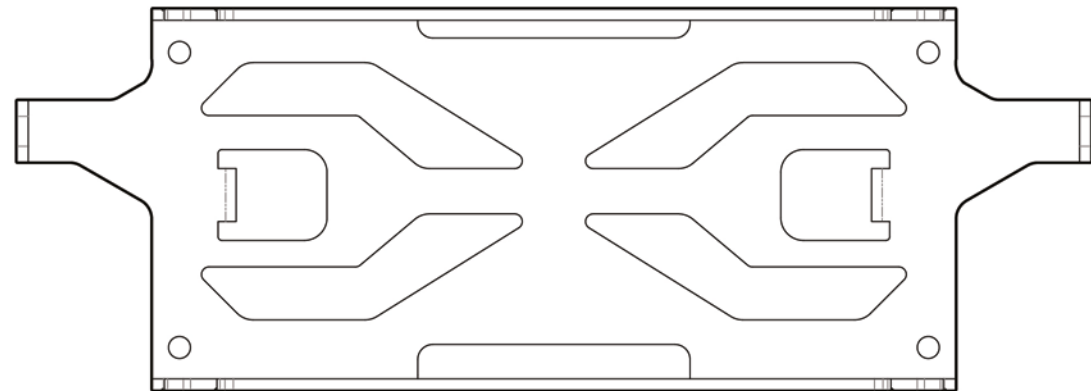
Mini servo Mount x 1
#BRX020009



Rear Gearbox Mount x 1
#BRX020017



Rear Crossmember x 1
#BRX020012



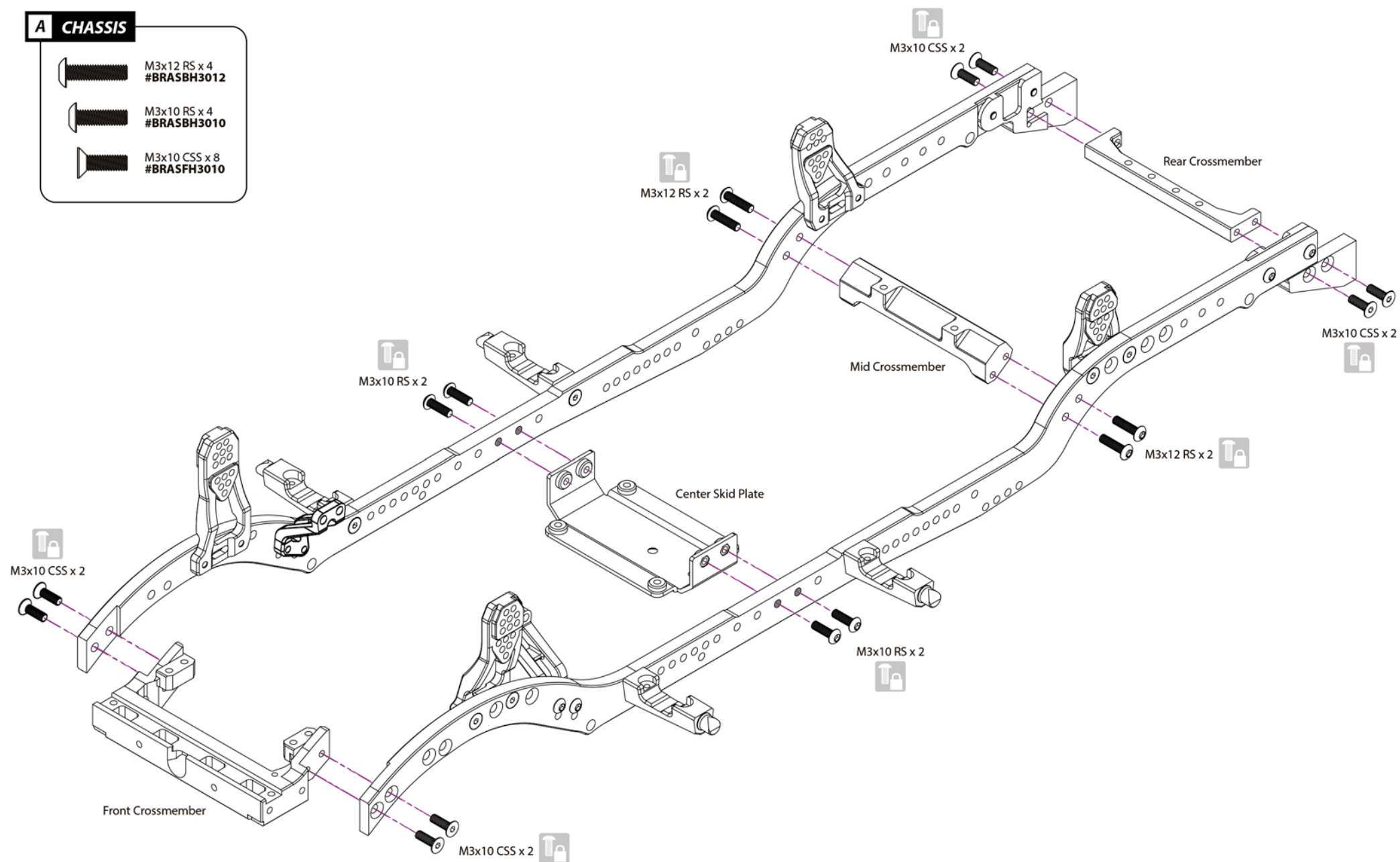
Battery Tray x 1
#BRX020021

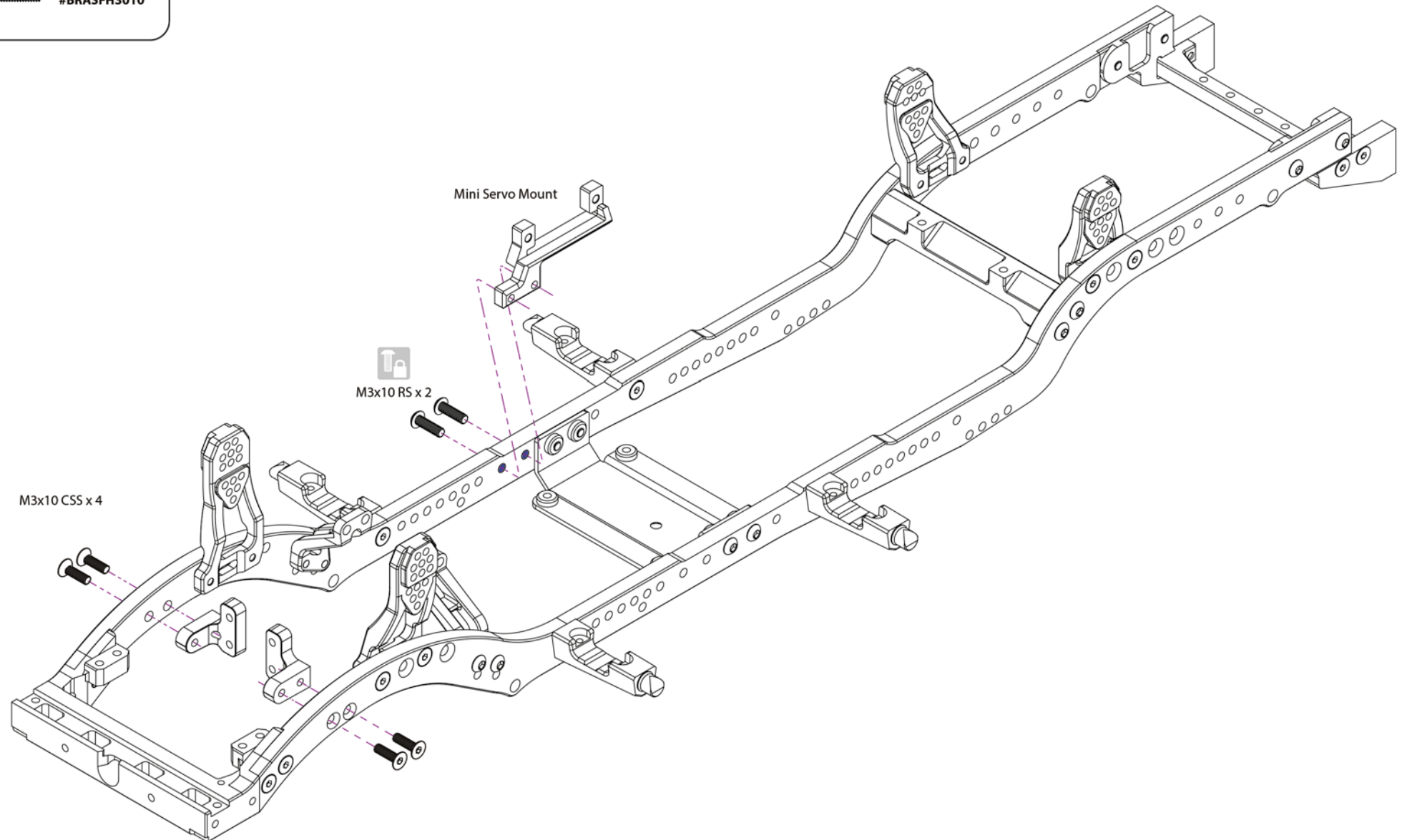
A CHASSIS

 M3x12 RS x 4
#BRASBH3012

 M3x10 RS x 4
#BRASBH3010

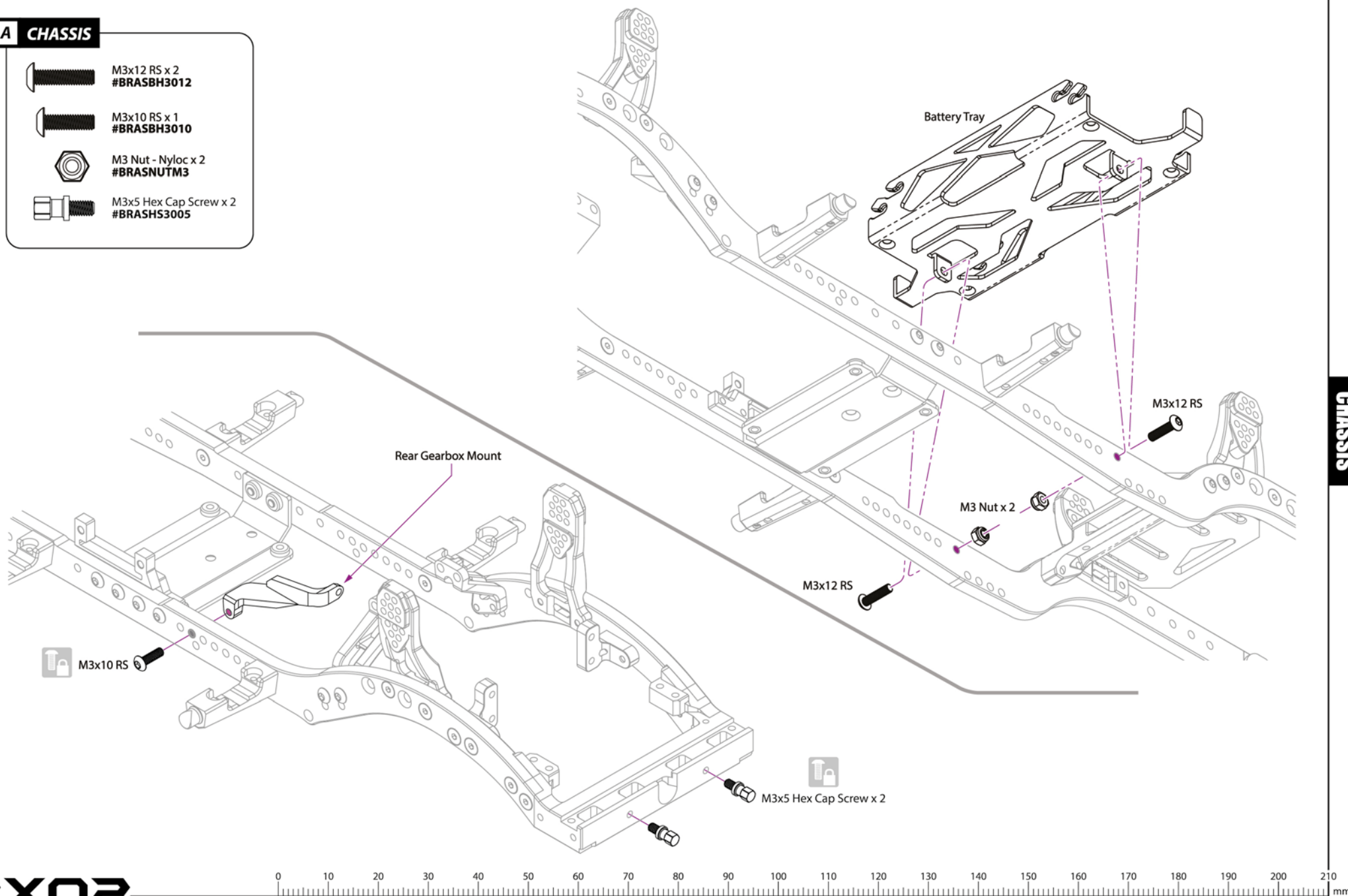
 M3x10 CSS x 8
#BRASFH3010



A CHASSIS M3x10 RS x 2
#BRASBH3010 M3x10 CSS x 4
#BRASFH3010

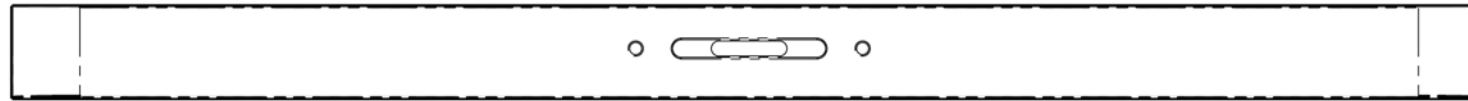
A CHASSIS

-  M3x12 RS x 2
#BRASBH3012
-  M3x10 RS x 1
#BRASBH3010
-  M3 Nut - Nyloc x 2
#BRASNUTM3
-  M3x5 Hex Cap Screw x 2
#BRASHS3005



3 - BUMPERS

Parts Needed:

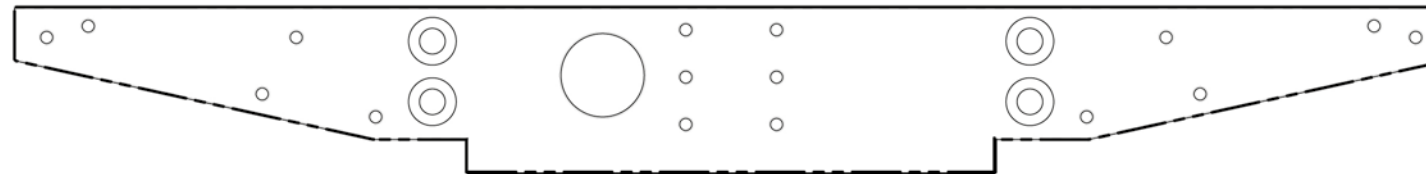


Front Bumper x 1
#BRX020109F

A CHASSIS

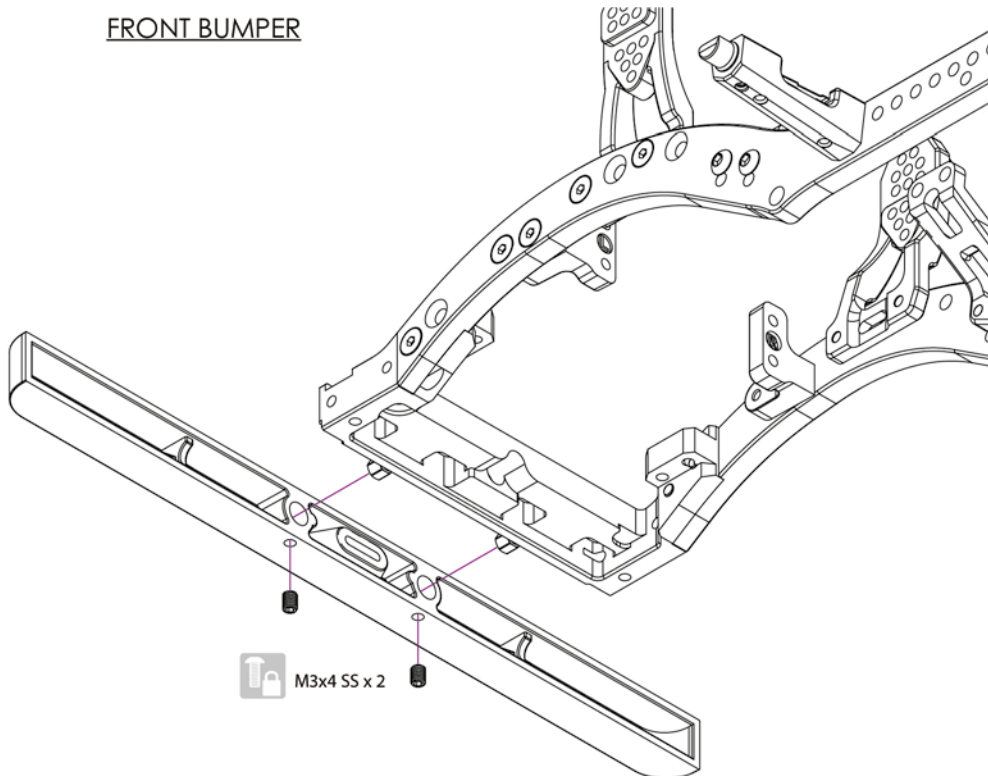
M3x10 CSS x 4
#BRASFH3010

M3x4 SS x 2

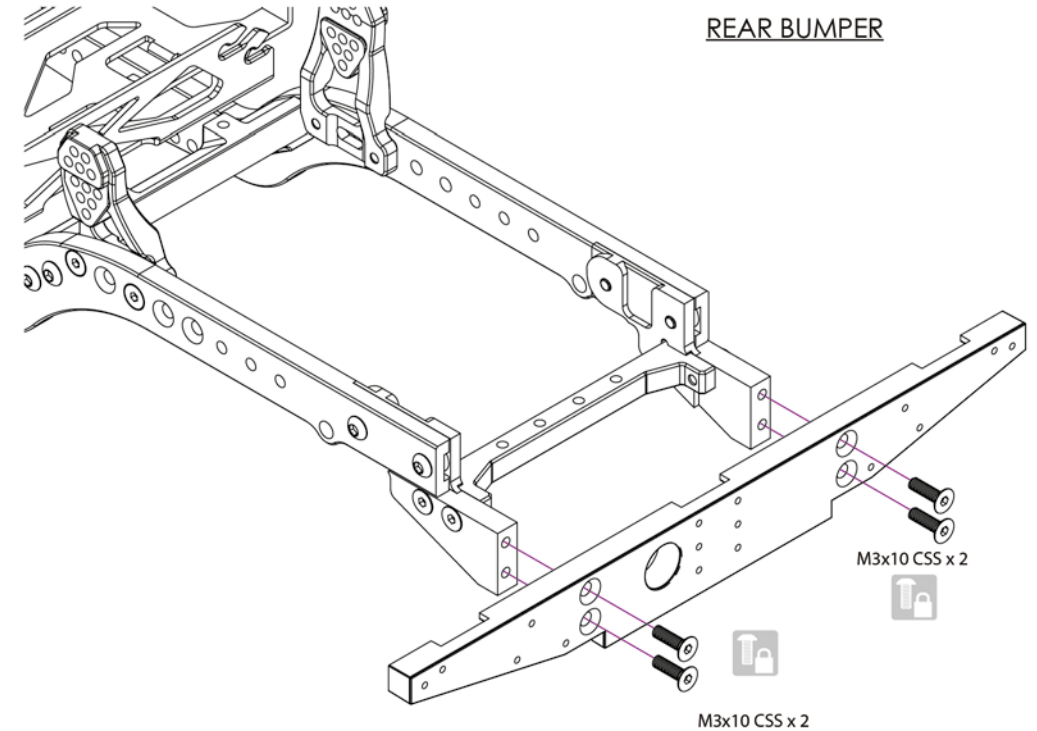


Rear Bumper x 1
#BRX020109R

FRONT BUMPER

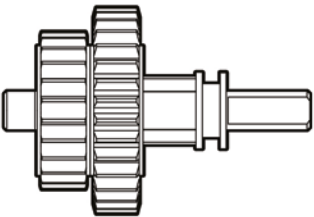
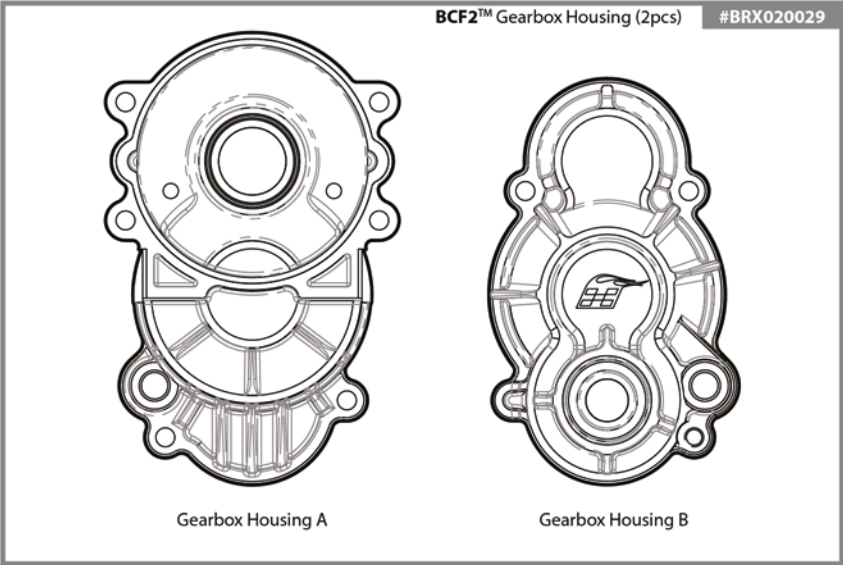


REAR BUMPER



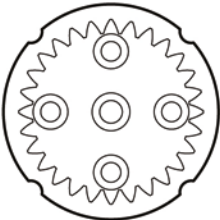
4 - GEARBOX

Parts Needed:



2-Speed Gear Unit x 1
#BRLC7044E

J GEAR, SHAFTS & BEARINGS - GEAR BOX



Internal Spur Gear 28T x 1
#BRLC7031



Spur Gear Mount x 1
#BRLC7030



Spur Gear 12T x 1
#BRLC7029-12T



Spur Gear 15T x 1
#BRLC7029-15T



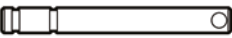
Spur Gear 20T x 2
#BRLC7029-20T



D5x11x4 Ball Bearing x 7
#BBZMR1152R5



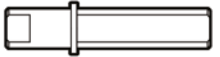
D7x11x3 Ball Bearing x 1
#BBZMR1172R5



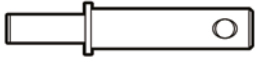
Shift Shaft x 1
#BRLC7045C



Shifter x 1
#BRLC7045B



Input Shaft x 1
#BRLC7044B



Output Shaft x 1
#BRLC7044C



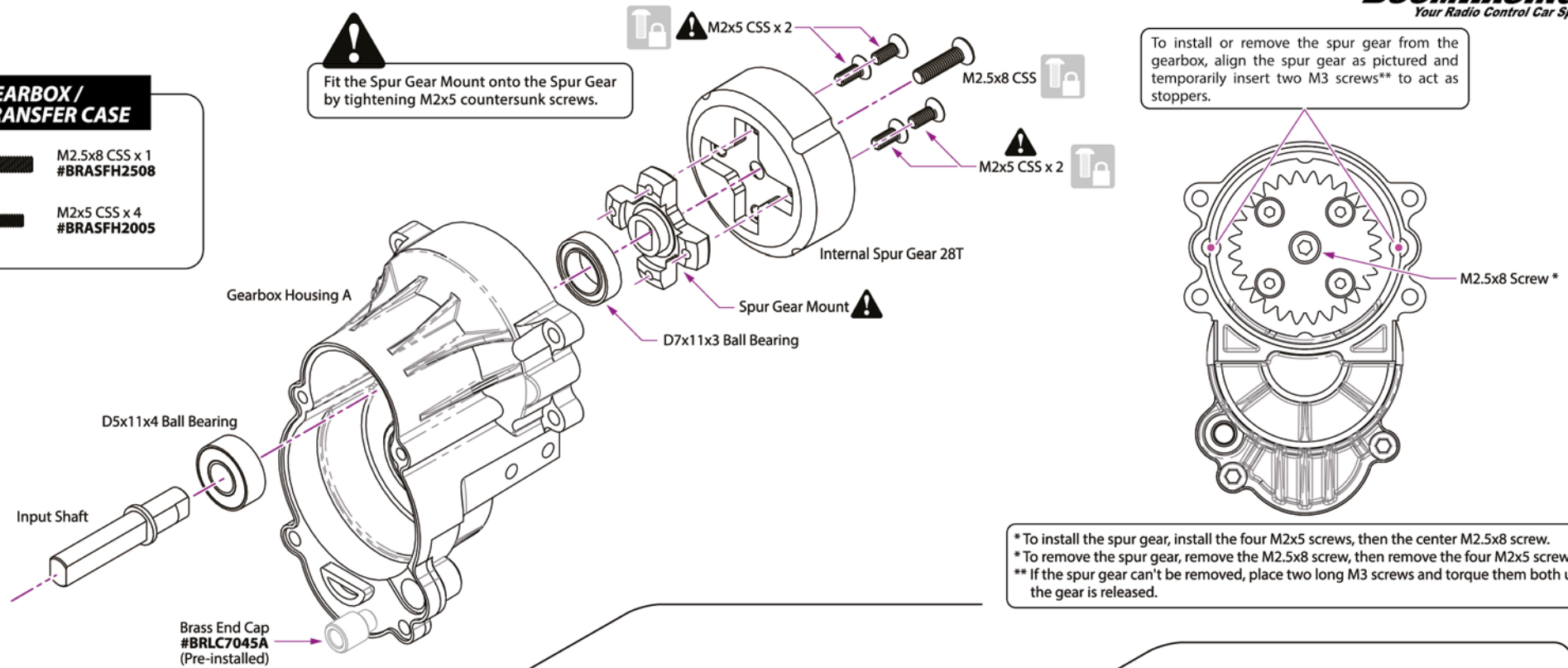
Bearing Holder x 1
#BRX020029A

4.1

**E GEARBOX /
TRANSFER CASE**
 M2.5x8 CSS x 1
#BRASFH2508

 M2x5 CSS x 4
#BRASFH2005

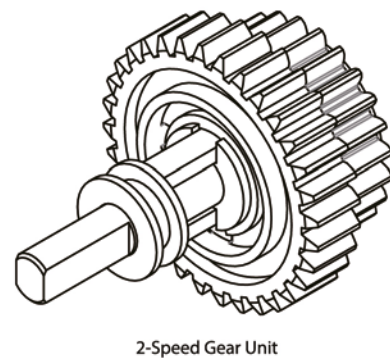
Fit the Spur Gear Mount onto the Spur Gear by tightening M2x5 countersunk screws.



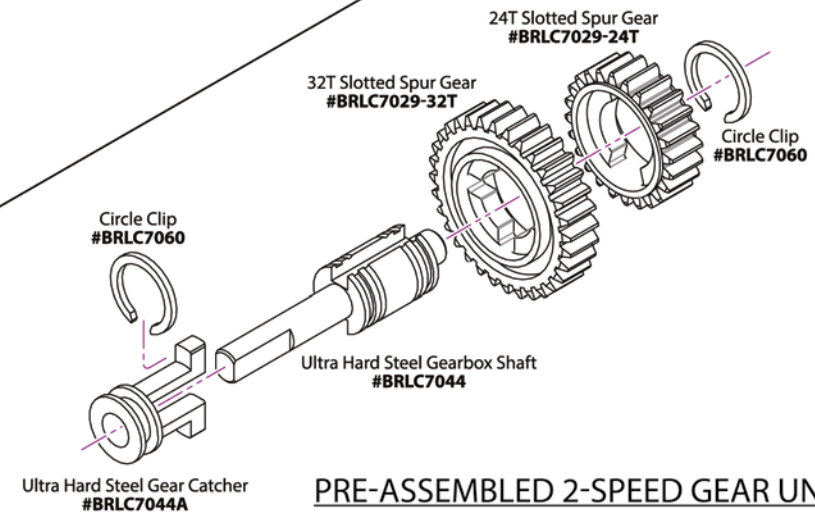
To install or remove the spur gear from the gearbox, align the spur gear as pictured and temporarily insert two M3 screws** to act as stoppers.

*To install the spur gear, install the four M2x5 screws, then the center M2.5x8 screw.
 *To remove the spur gear, remove the M2.5x8 screw, then remove the four M2x5 screws.
 ** If the spur gear can't be removed, place two long M3 screws and torque them both until the gear is released.

4.2



2-Speed Gear Unit

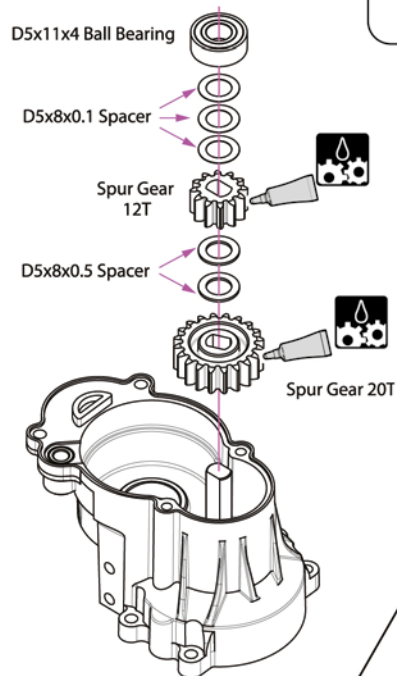


PRE-ASSEMBLED 2-SPEED GEAR UNIT

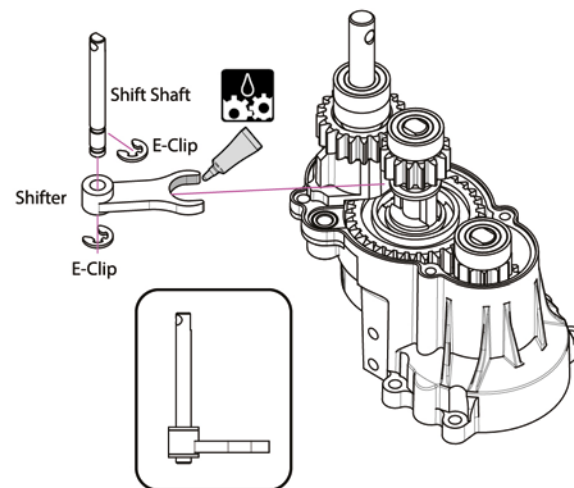
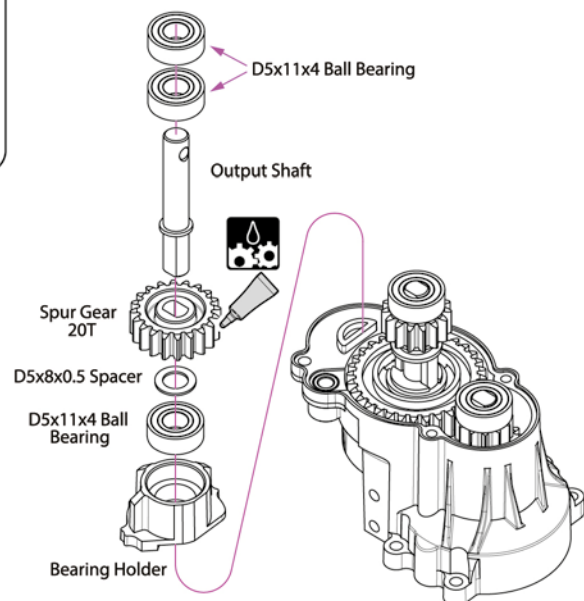
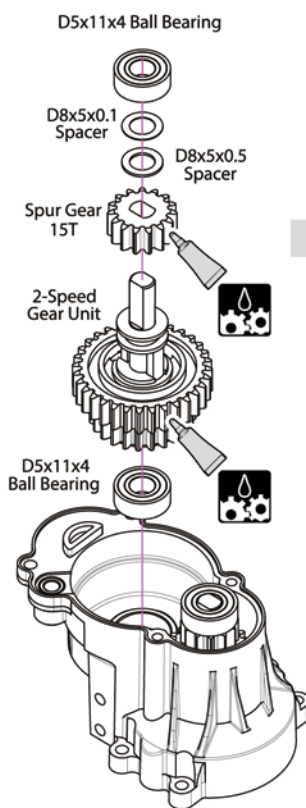
4.3

E GEARBOX / TRANSFER CASE

-  D5x8x0.5 Spacer x 4 #BRASSPD5805
-  M3 E-Clip x 2 #BRASEC30
-  D5x8x0.1 Spacer x 4 #BRASSPD5801

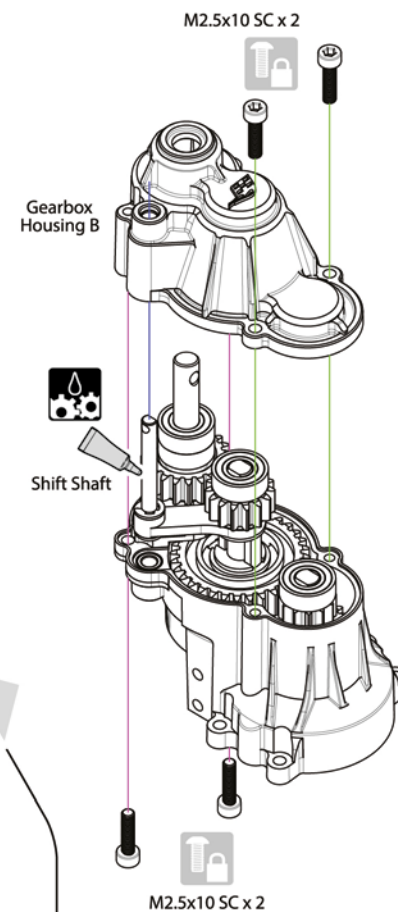


Black Graphite Grease 10g x 1
#BRGRS1055-10



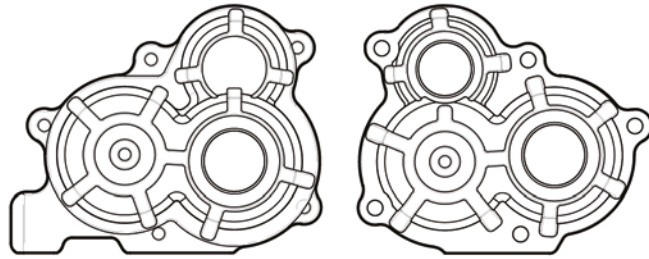
E GEARBOX / TRANSFER CASE

-  M2.5x10 SC x 4 #BRASCH2510



5 - TRANSFER CASE

Parts Needed:



B2X™ Transfer Case Housing
#BRX020111

E GEARBOX / TRANSFER CASE



M2x8 SC x 5
#BRASFCH2008



D2x8 Pin x 2
#BRASPIN208

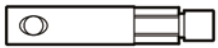


D5x8x0.5 Spacer x 5
#BRASSPD5805



E-Clip x 1
#BRASEC40

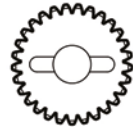
I GEARS, SHAFTS & BEARINGS - TRANSFER CASE



Input Shaft x1
#BRLC7207



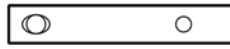
20T Spur Gear x1
#BRLC70210



29T Spur Gear x2
#BRLC70210



Rear Output Shaft x1
#BRLC7208



Front Output Shaft x1
#BRLC70201-B



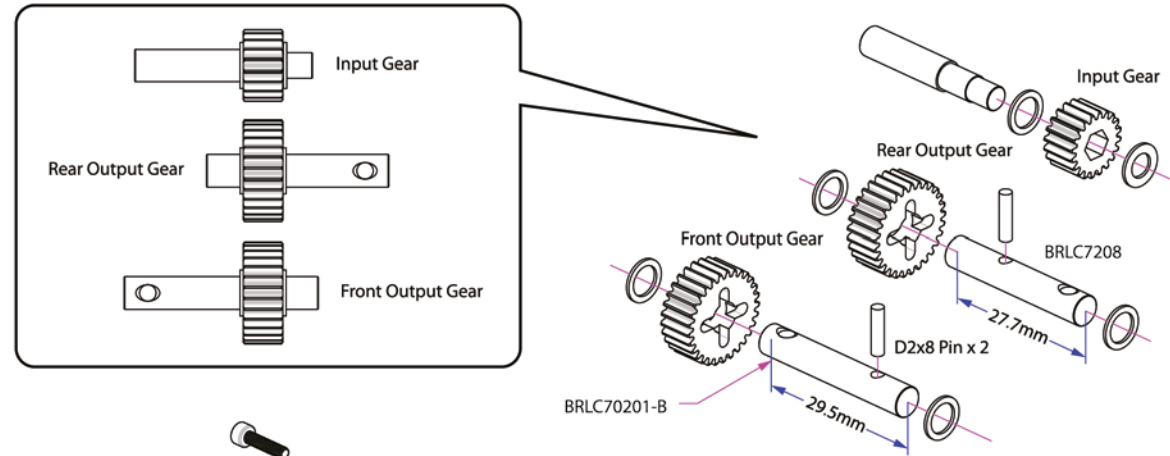
D4x10x4 Ball Bearing x 1
#BBZMR1042RS



D5x10x4 Ball Bearing x 1
#BBZMR1052RS

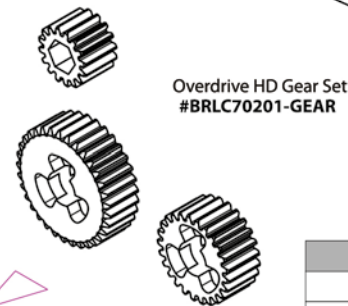


D5x14x5 Ball Bearing x 4
#BBZ6052RS



M2x8 SC x 5

OPTIONAL PART



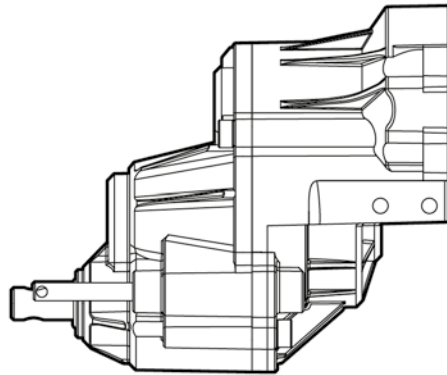
Overdrive HD Gear Set
#BRLC70201-GEAR

Apply black grease on the teeth and both sides of the input gear to avoid spacers misaligned when connecting to the gearbox.

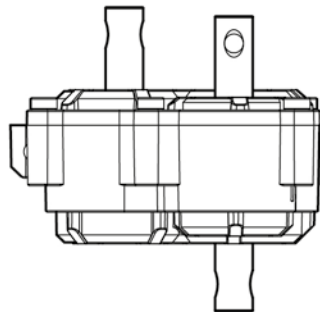
Over-Drive Gear Ratio		
Input		16T
Output - Rear	33T	1:2.06
Output - Front	25T	1:1.56
Rear to Front output speed ratio		1:1.32

6 - TRANSMISSION

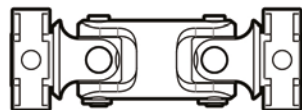
Parts Needed:



Complete BCF2™ Gearbox
#BR-G100



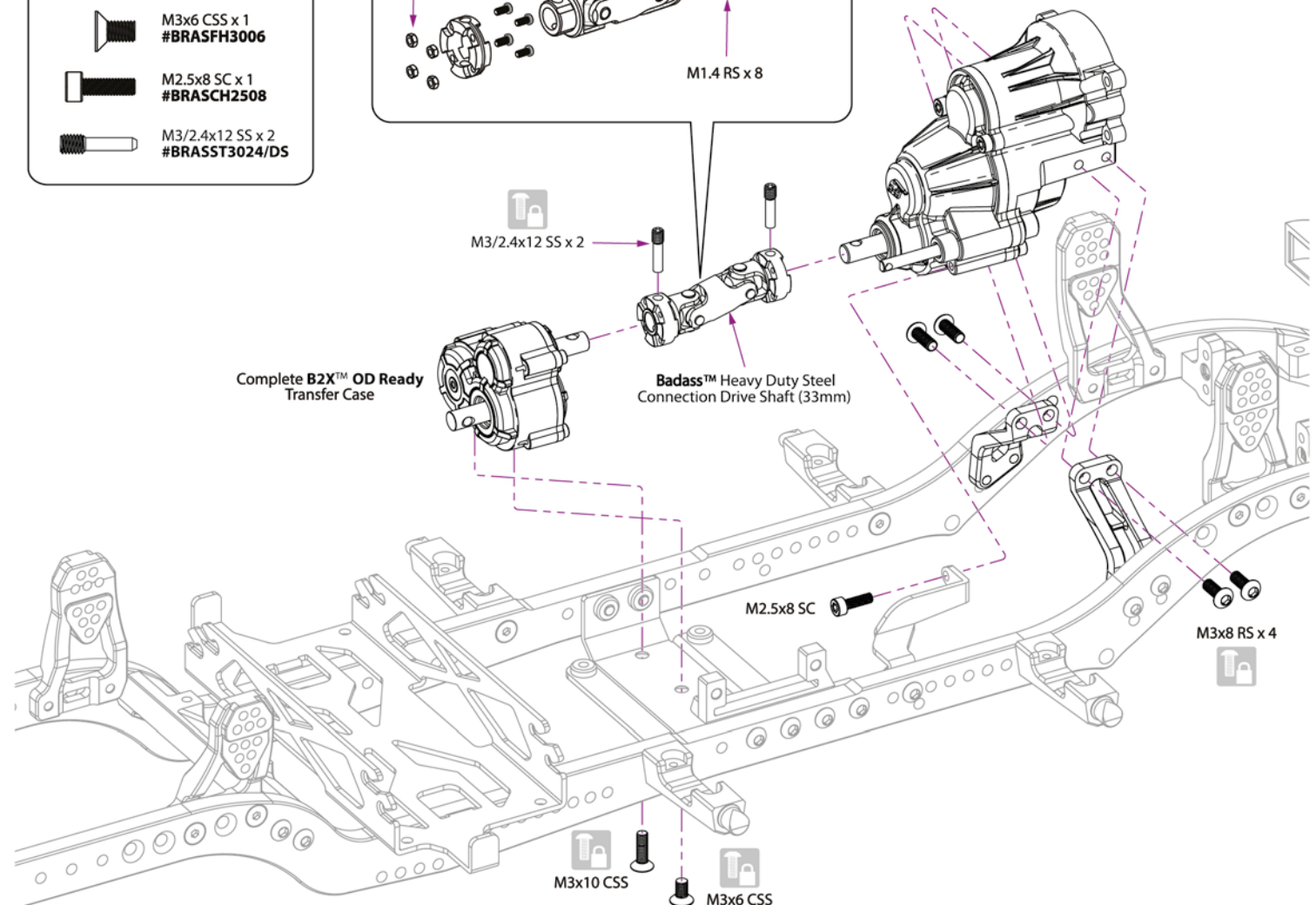
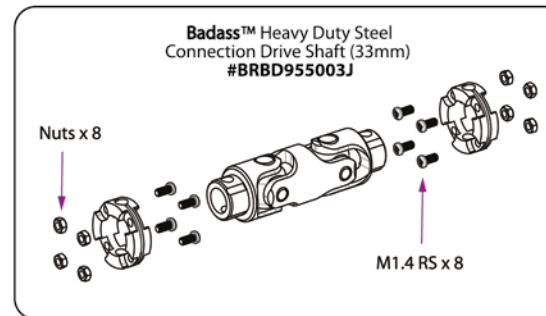
Complete B2X™ OD Ready
Transfer Case



Badass™ Heavy Duty Steel
Connection Drive Shaft (33mm) x 1
#BRBD955003J

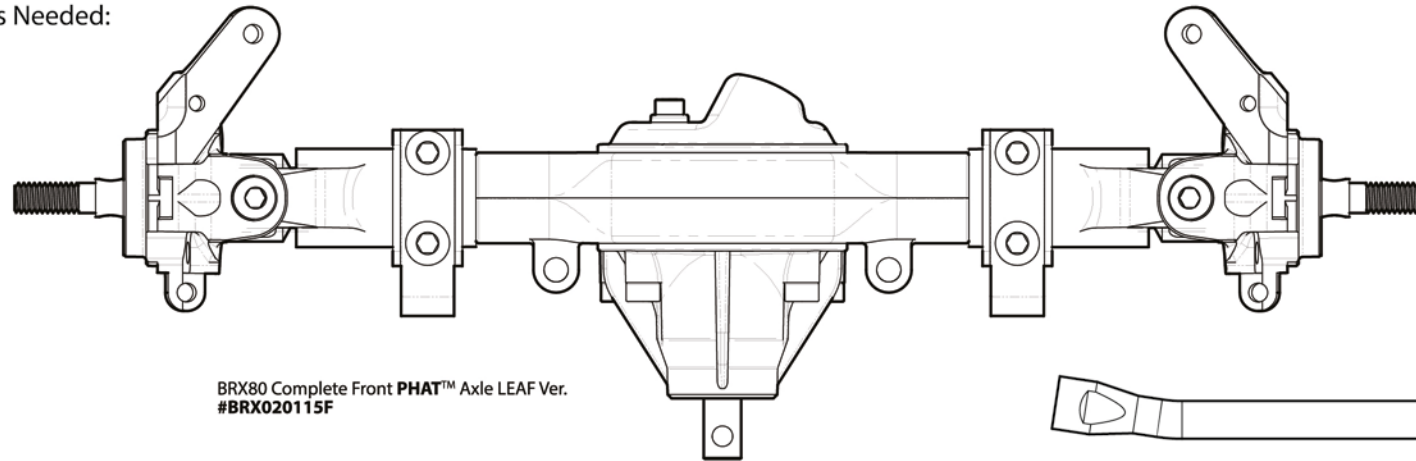
E GEARBOX / TRANSFER CASE

- M3x8 RS x 4
#BRASBH3008
- M3x10 CSS x 1
#BRASFH3010
- M3x6 CSS x 1
#BRASFH3006
- M2.5x8 SC x 1
#BRASCH2508
- M3/2.4x12 SS x 2
#BRASST3024/DS

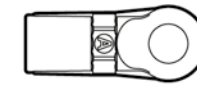


7 - FRONT AXLE & LEAF SPRING

Parts Needed:



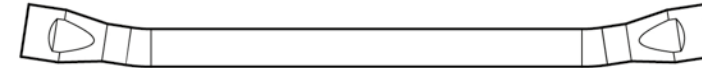
BRX80 Complete Front **PHAT™** Axle LEAF Ver.
#BRX20115F



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



BADASS™
Stainless Steel Pivot Ball x 2
#BRW750310



Stainless Steel Tie Rod x 1
#BRD8022A

B LEAFS / SHOCKS



M4x16 SS x 2
#BRASST4016

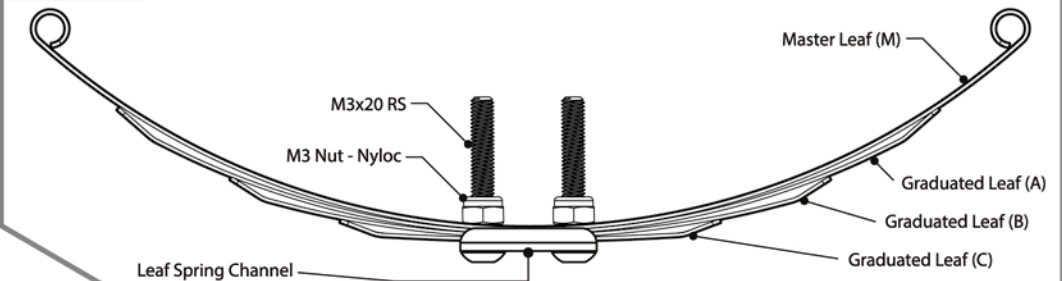


D4x7x1 Stainless Steel Spacer x 2
#BRASSP471

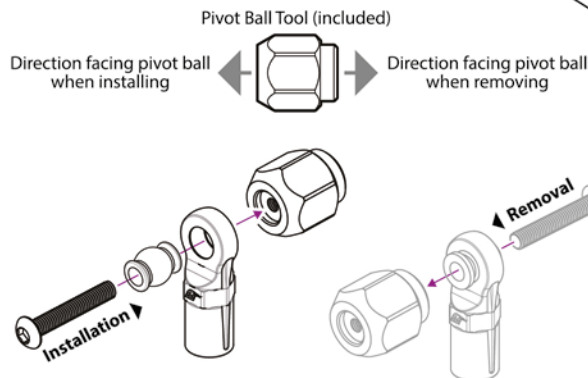


D6x1.5 O-Ring x 2
#BRSORD6-15

#BRLC7064A (2 sets)



ROD END INSTALLATION



D6x1.5 O-Ring !



SS Pivot Ball

(A)
Nylon Rod End

D4x7x1 Spacer

M4x16 Set Screw

TIE ROD



O-ring helps reduce tie rod from wobbling.



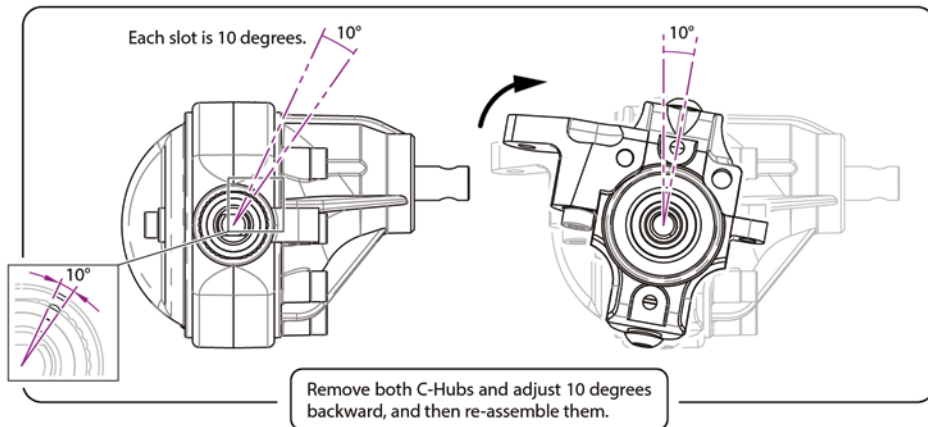
D6x1.5 O-Ring

Stainless Steel Pivot Ball

(A)
Nylon Rod End

M4x16 Set Screw

D4x7x1 Spacer

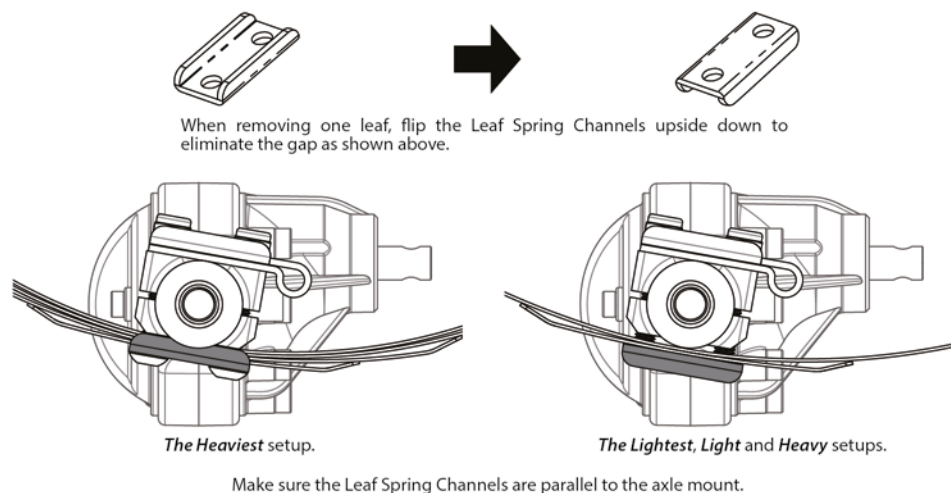


LEAF SPRING LOAD SETUP ²

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).
Recommended stock setup (Rear).

LEAF SPRING CHANNELS ³



¹ Add thread lock to screws on moving parts.

M3 Nut x 2
(Pre-installed on Leaf Spring Set)

Remove pre-installed screws

¹ Front Axle

M3 Nut x 2
(Pre-installed on Leaf Spring Set)

M3x24 RS
(Pre-installed on Leaf Spring Set)

M3x20 RS x 2
(Pre-installed on Leaf Spring Set)

Tie Rod

D3x6x3 Tapper Spacer x 2

M3x14 RS

² Master Leaf - (M)

² Graduated Leaf - (A)

³ Leaf Spring Channel

² Use only indicated leaves for stock setup (M+A).

M3x20 RS x 2
(Pre-installed on Leaf Spring Set)

B LEAFS / SHOCKS

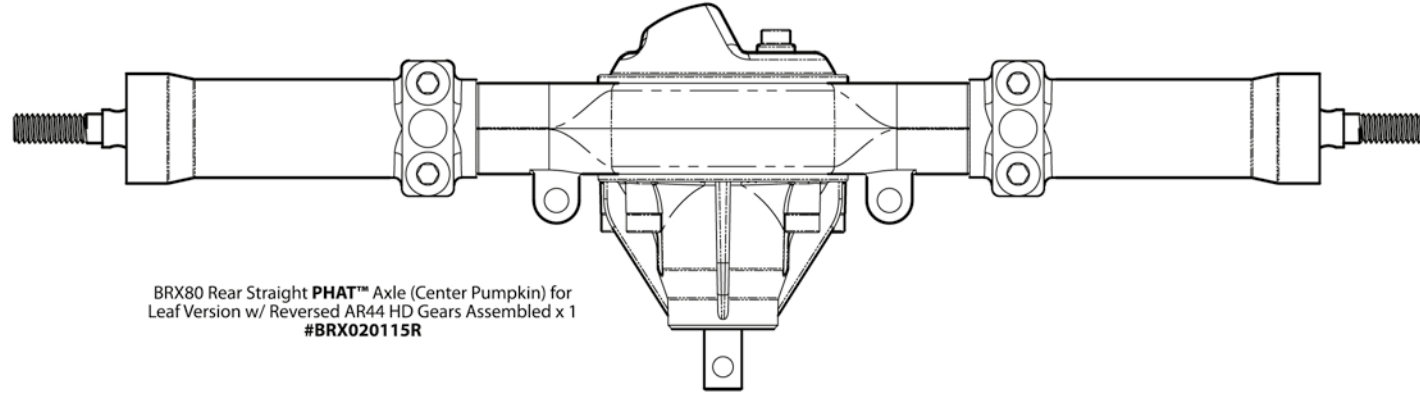
M3x24 RS x 1
#BRASBH3024

M3x14 RS x 1
#BRASBH3014

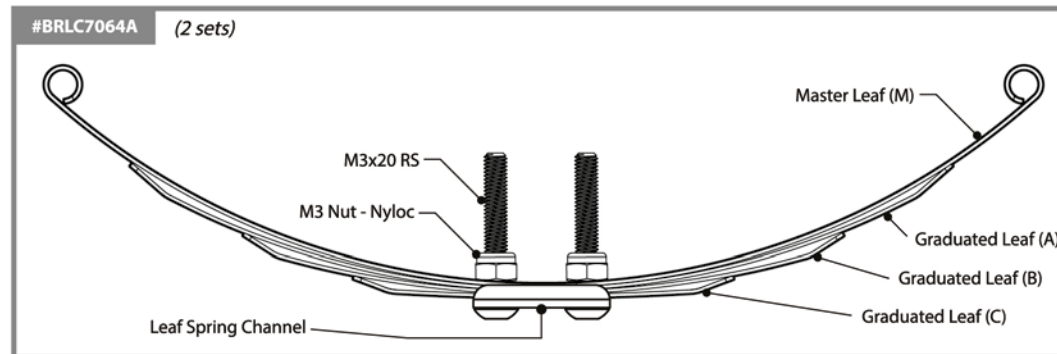
3x6x3
Tapper Spacer x 2
#BRLC7041

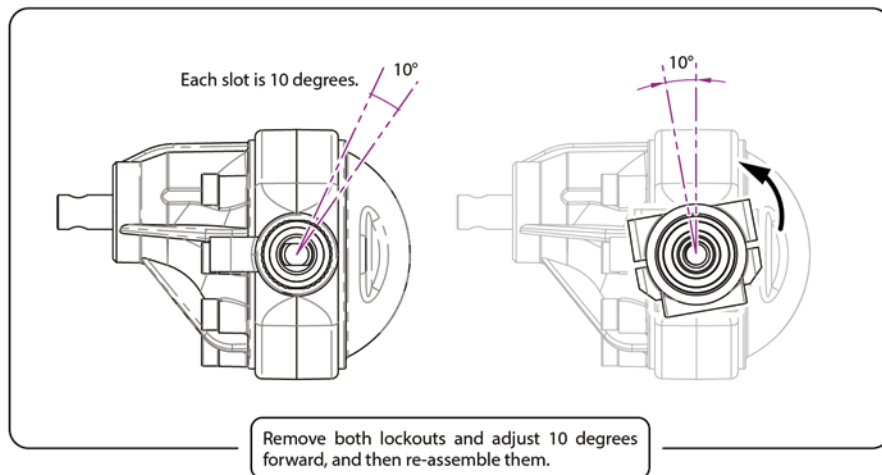
8 - REAR AXLE & LEAF SPRING

Parts Needed:



BRX80 Rear Straight **PHAT™** Axle (Center Pumpkin) for
 Leaf Version w/ Reversed AR44 HD Gears Assembled x 1
 #BRX020115R



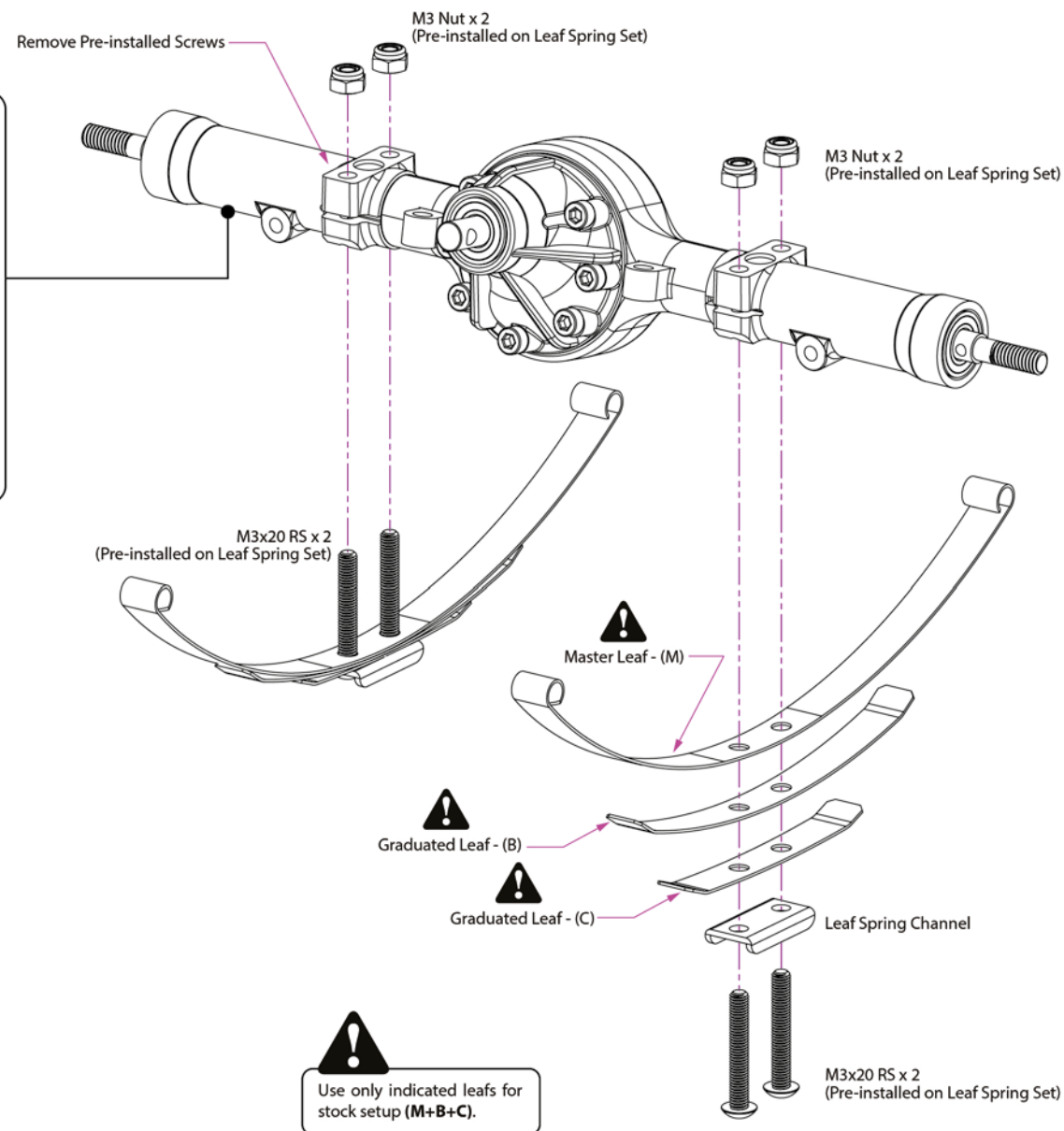


LEAF SPRING LOAD SETUP

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)			

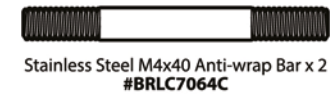
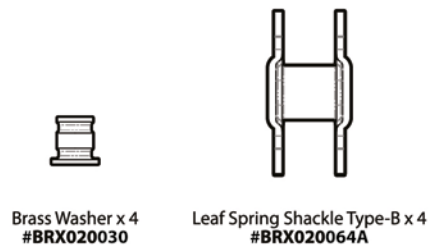
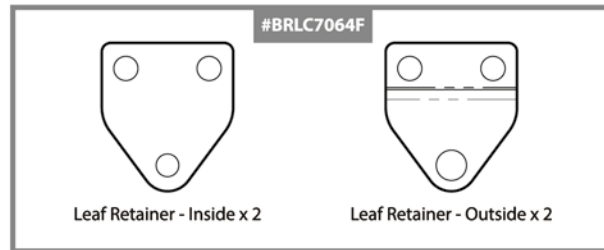
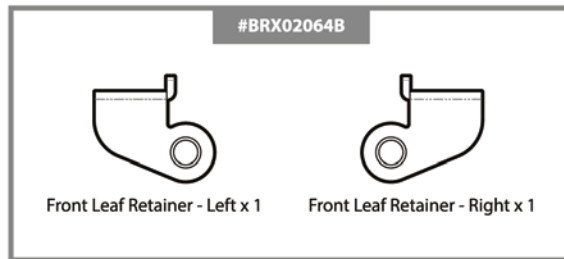
Recommended stock setup (Front).

Recommended stock setup (Rear).

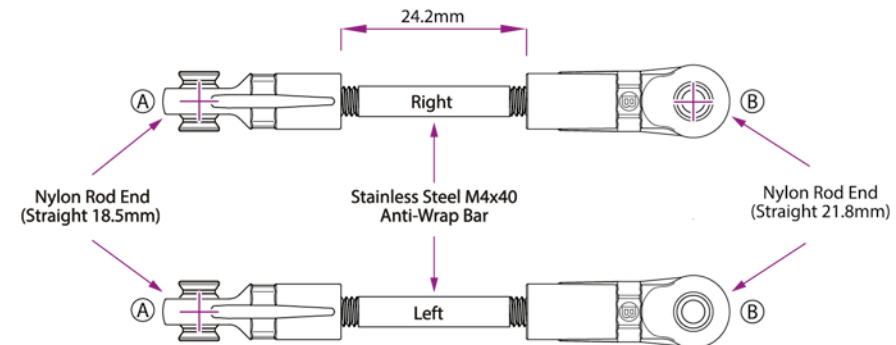


9 - LEAF SPRING SYSTEM

Parts Needed:



REAR ANTI-WRAP BARS



C LEAF SPRINGS

M3x22 RS x 2
#BRASBH3022

M3x12 RS x 2
#BRASBH3012

M3x8 RS x 2
#BRASBH3008

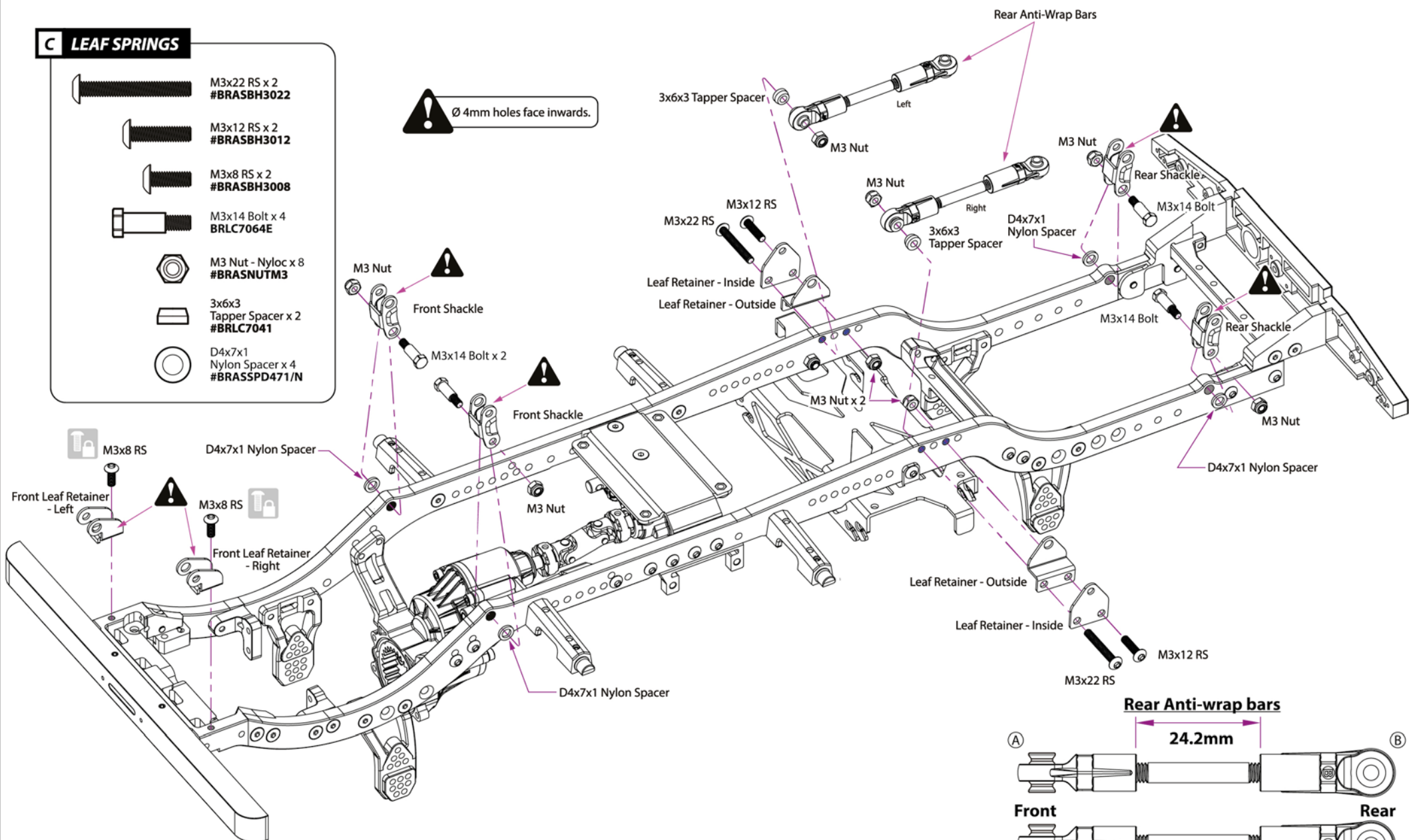
M3x14 Bolt x 4
BRLC7064E

M3 Nut - Nyloc x 8
#BRASNUTM3

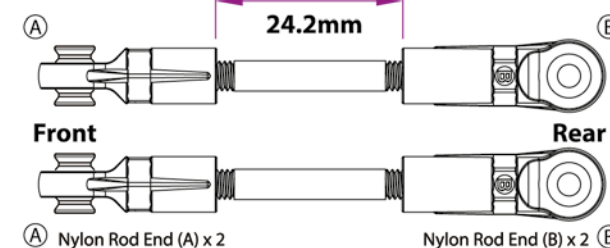
3x6x3
Tapper Spacer x 2
#BRLC7041

D4x7x1
Nylon Spacer x 4
#BRASSPD471/N

! Ø 4mm holes face inwards.

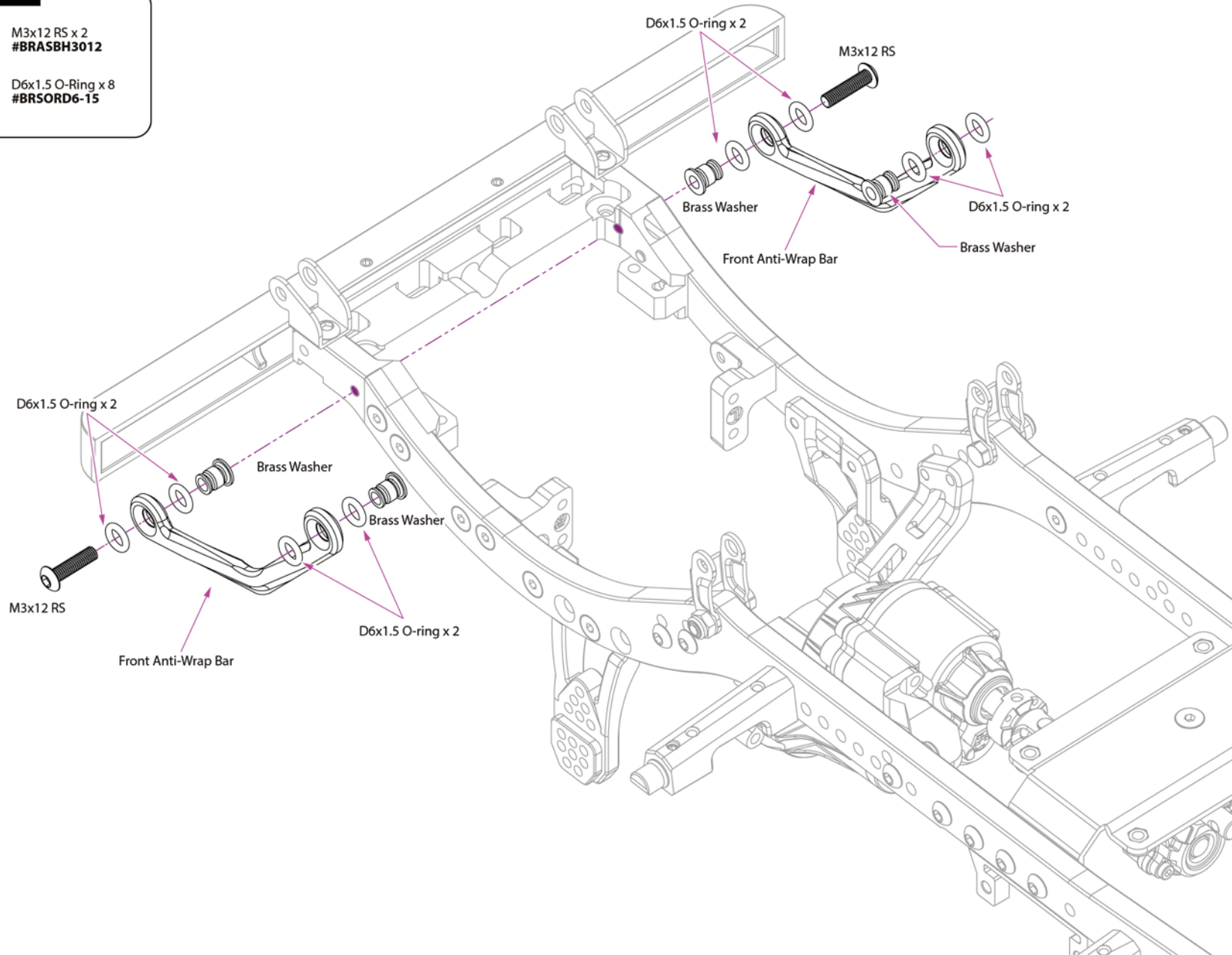


Rear Anti-wrap bars



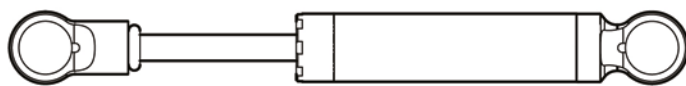
C LEAF SPRINGS

 M3x12 RS x 2
 #BRASBH3012

 D6x1.5 O-Ring x 8
 #BR5ORD6-15


10 - SHOCKS

Parts Needed:



KUDU™ 80mm Scale Shock Absorber x 4
#BRSH0080



Shock End Pivot x 8
#BRW750310

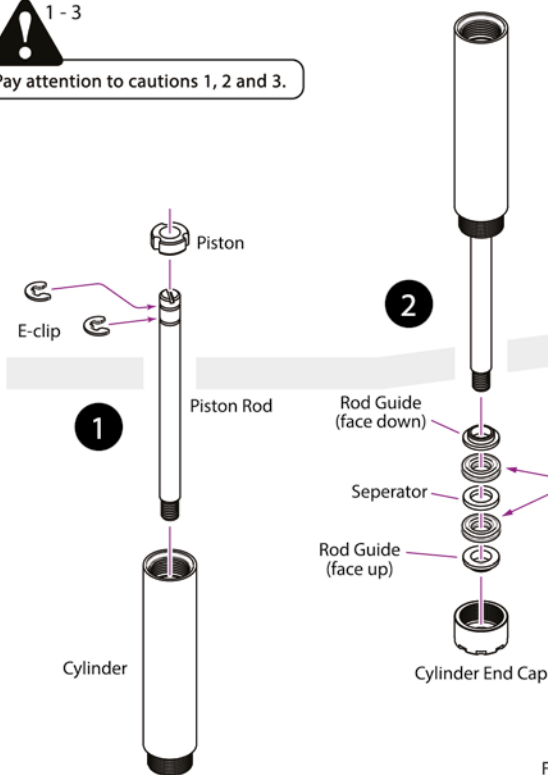


Joint Retainer x 8
#BRSHJR

SHOCKS INSTALLATION & SETUP



Pay attention to cautions 1, 2 and 3.



Use a slotted screwdriver (not provided) to secure piston rod into lower mount.



Oil Seal -
apply Silicone Grease on each
sealing ring for lubrication.



Shock Slime Grease 5g
#BRGRS09-5GB

For ultimate sealing performance,
apply Shock Slime Grease instead.



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



Silicone Grease 10g x 1
#BRGRS10274-10

Upper Mount



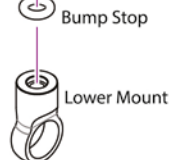
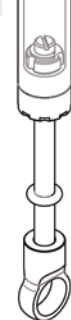
Cylinder Sealing

4

Filling shock oil not more
than 3/4 full can prevent
compression blockage.



Filling shock oil 1/2 full can
provide enough damping
force.



Lower Mount

OPTIONAL

PIVOT BALL INSTALLATION & REMOVAL



Multipurpose Shock Pliers
#BRT10065

Pivot Ball Tool (included)

Direction facing pivot ball
when installing



Direction facing pivot ball
when removing

Installation

Pivot Ball

Removal

Pivot Ball

5

Pivot Retainer

Direction Guide

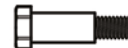
Direction Guide

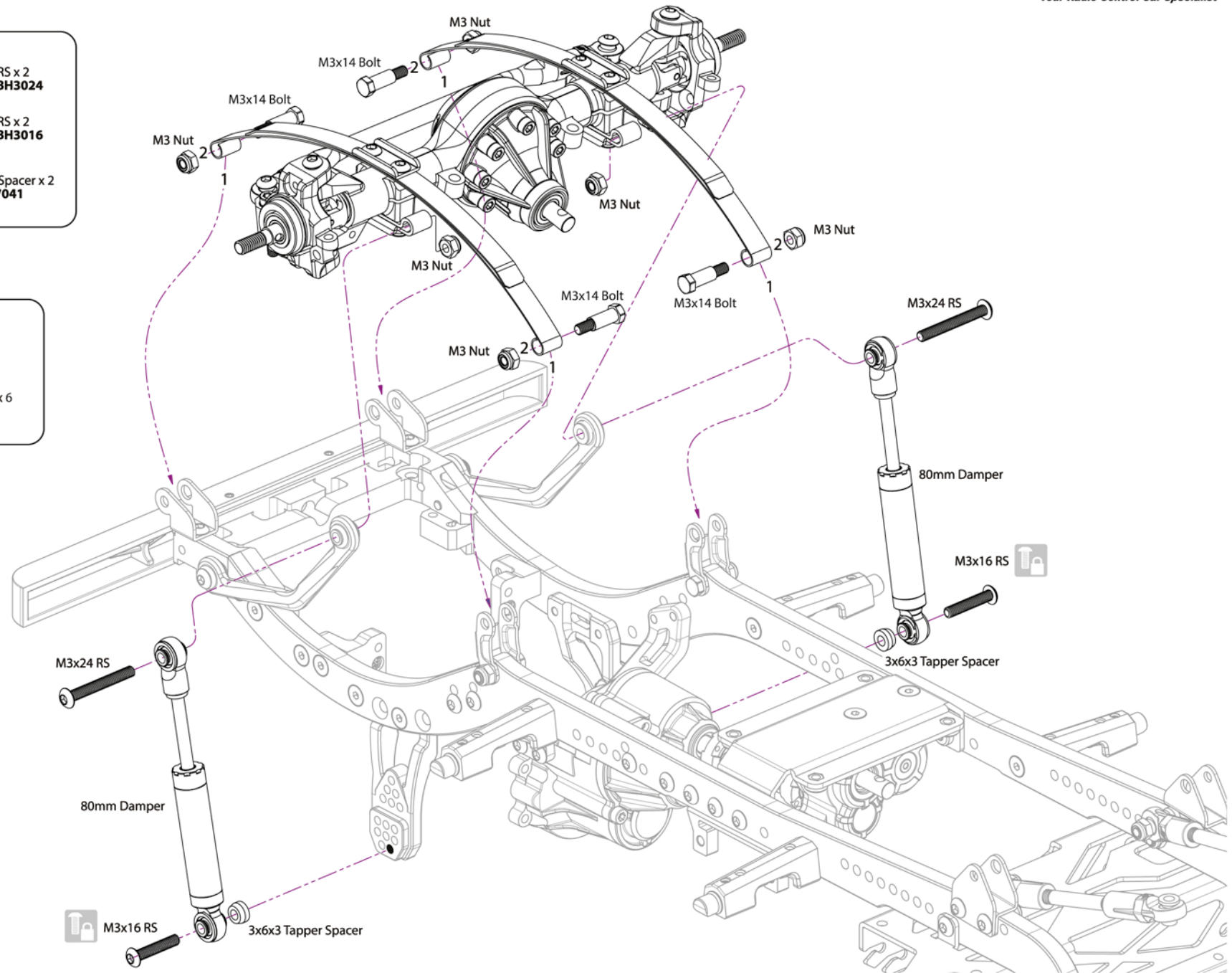
Pivot Retainer

B LEAFS / SHOCKS

-  M3x24 RS x 2
#BRASBH3024
-  M3x16 RS x 2
#BRASBH3016
-  3x6x3
Tapper Spacer x 2
#BRLC7041

C LEAF SPRINGS

-  M3x14 Bolt x 4
BRLC7064E
-  M3 Nut - Nyloc x 6
#BRASNUTM3

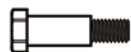


B LEAFS / SHOCKS

M3x16 RS x 6
#BRASBH3016



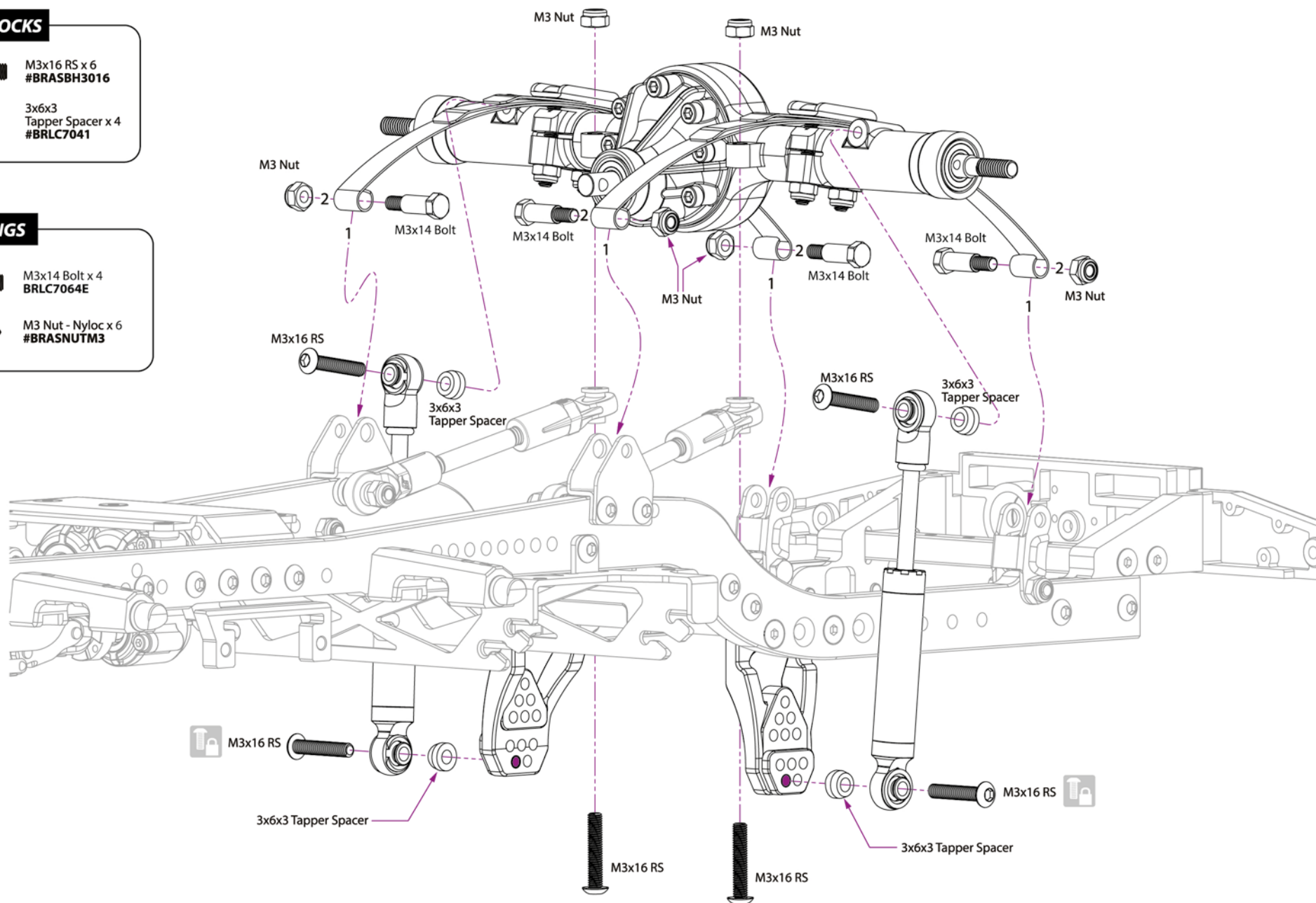
3x6x3
Tapper Spacer x 4
#BRLC7041

C LEAF SPRINGS

M3x14 Bolt x 4
BRLC7064E



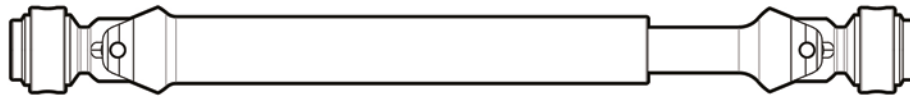
M3 Nut - Nyloc x 6
#BRASNUTM3

**BRX02**

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

11 - DRIVE SHAFTS

Parts Needed:



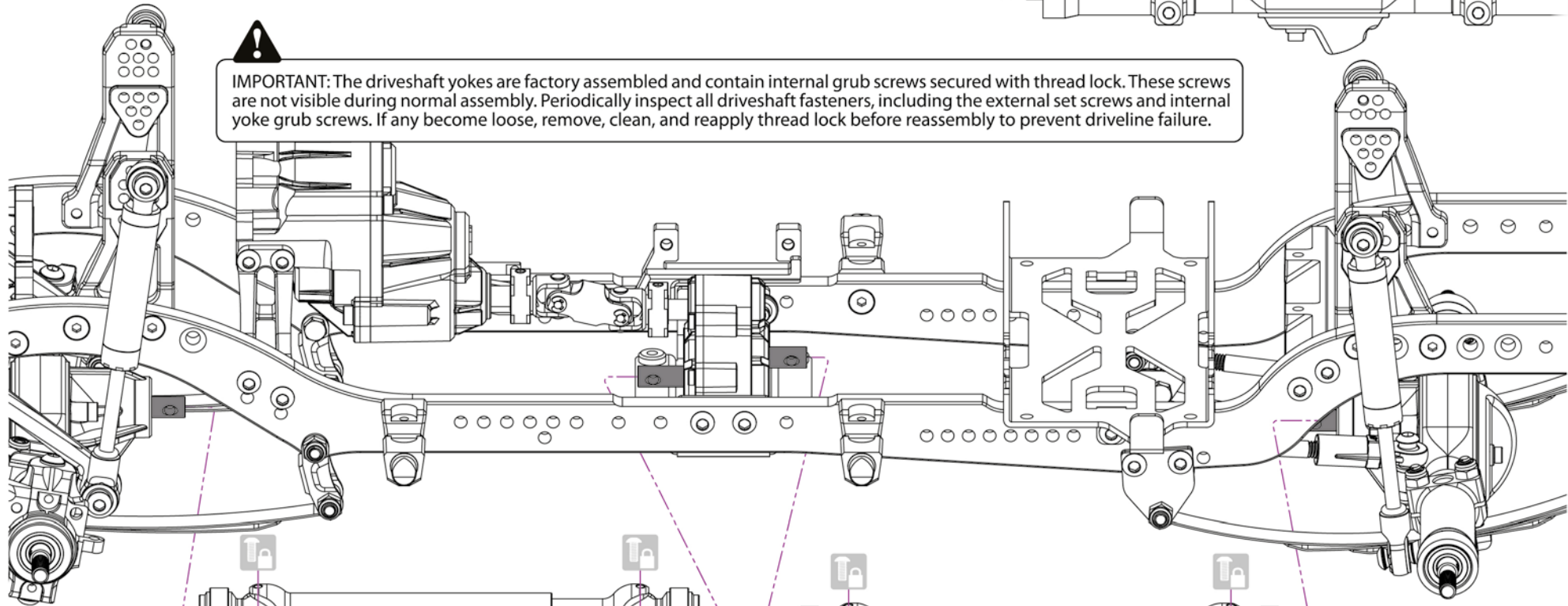
KUDU™ HD CVD Center Drive Shaft x 2
#BRX020043

E GEARBOX / TRANSFER CASE

M3/2.2x11 SS x 4
#BRASST3022/DS

Align input shaft hole and drive shaft hole properly. Use the 1.5 Hex Key provided to help pull out the shaft if needed.

IMPORTANT: The driveshaft yokes are factory assembled and contain internal grub screws secured with thread lock. These screws are not visible during normal assembly. Periodically inspect all driveshaft fasteners, including the external set screws and internal yoke grub screws. If any become loose, remove, clean, and reapply thread lock before reassembly to prevent driveline failure.



KUDU™ HD CVD Center Drive Shaft

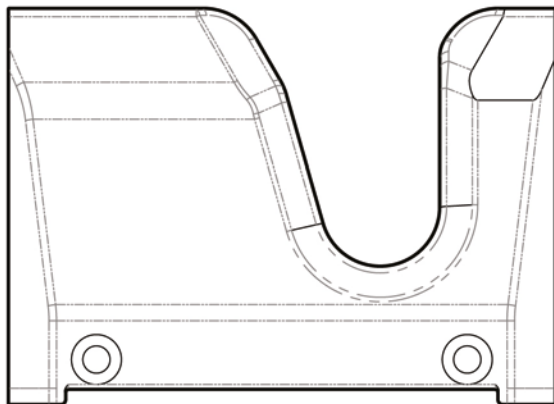
KUDU™ HD CVD Center Drive Shaft

M3/2.2x11 Set Screw x 2

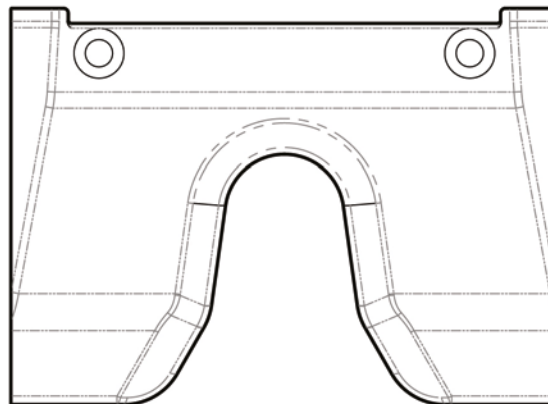
M3/2.2x11 Set Screw x 2

12 - SERVOS & SKID SLIDER

Parts Needed:



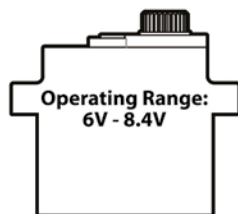
Front Center Skid Slider x 1
#BRX020107F



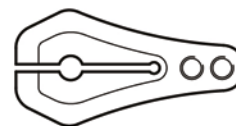
Rear Center Skid Slider x 1
#BRX020107R



Nylon Rod End (Upwards 20.0mm) x 1
#BRW750307D



Operating Range:
6V - 8.4V
JX Waterproof HV Mini Servo x 1
#JX/PDI-HV1151MG



Aluminum Low-Profile
Servo Horn 25T x 1
#BR955014BK



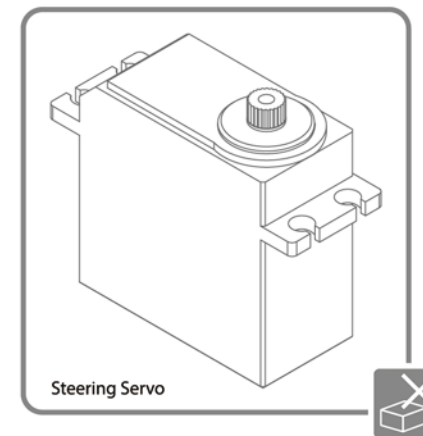
Nylon Rod End
19.5mm (Sideways) x 1
#BRW750308C



BADASS™
Stainless Steel Pivot Ball x 2
#BRW750310



Fine Tunable Link - 55mm x 1
#BRLC7050



Steering Servo

H SERVOS
 M3x6 RS x 6
#BRASBH3006

! A 2mm ball end hex wrench or hex key is required to secure these four screws.

JX Waterproof HV Mini Servo

M3x6 RS x 4

M3x6 RS x 2

Steering Servo

! To fit the motor above the servo, drop the servo to its lowest possible point by slacking off the screws between the servo and the servo mounts. Once the motor is installed above the servo, readjust the servo height to give the highest clearance over the axle.

JX Waterproof High Voltage Mini Servo Specs:

Model:	JX/PDI-HV1151MG
Working voltage:	6V~8.4V
Working temperature:	-20C°~ +60C°
Dead band:	4usec
Motor type:	Core Motor
Signal booster type:	Digital
Gear material:	Metal gear
Operating Speed:	0.12s/60deg (6.0V) 0.10s/60deg (8.4V)
Stall Torque:	3.5kg/cm (6.0V) 4.5kg/cm (8.4V)
Idle Current:	150mA (6.0V) 180mA (8.4V)
Load Current:	260mA (6.0V) 340mA (8.4V)
Size:	23.2 x 12.5 x 25.6mm
Weight:	15g
Tooth Count:	25
Wire length:	310mm JR plug
Black:	Negative
Red:	Positive
White:	Signal

A CHASSIS

M3x14 RS x 4
#BRASBH3014/ST

M3x6 RS x 4
#BRASCH3006

B LEAFS / SHOCKS

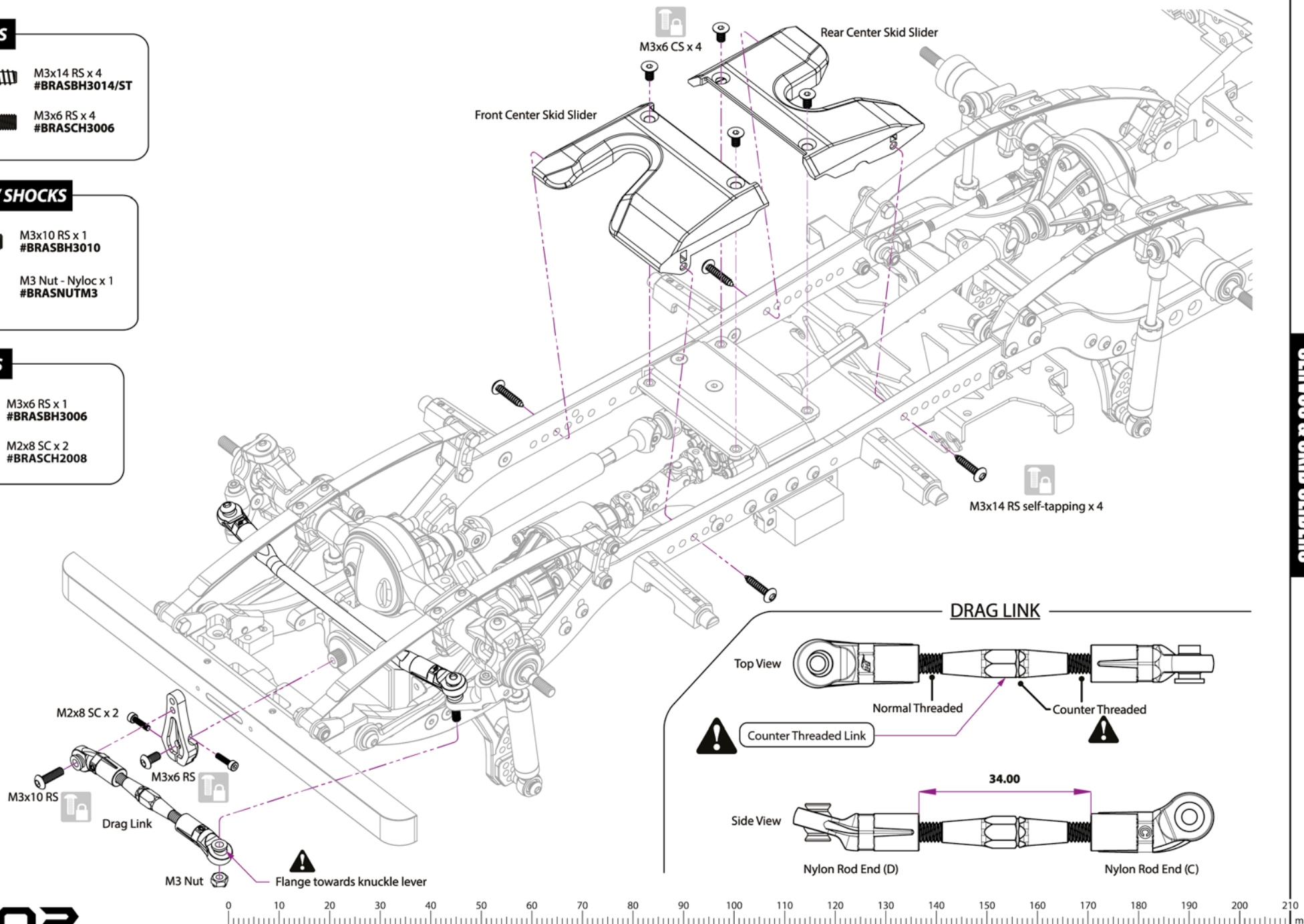
M3x10 RS x 1
#BRASBH3010

M3 Nut - Nyloc x 1
#BRASNUTM3

H SERVOS

M3x6 RS x 1
#BRASBH3006

M2x8 SC x 2
#BRASCH2008



13 - SHIFT ROD

Parts Needed:



Shift Rod x 1
#BRX020051



D2 Ball & Rod End x 1
#BRQ90351

H SERVOS

#BRLC7049



Follower
Horn A



Spring
Horn A



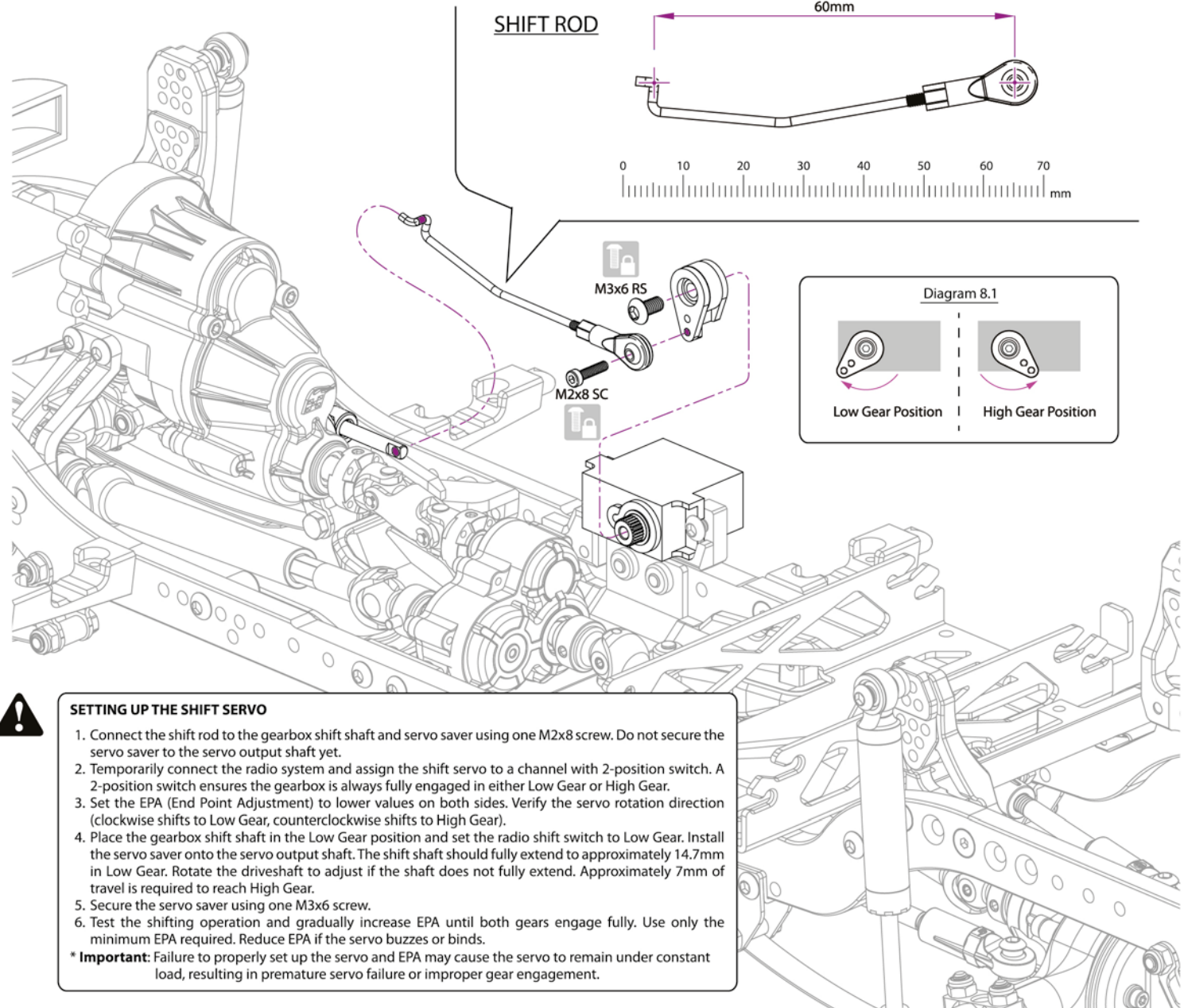
Initiator
Horn A



M3x6 RS x 1
#BRASBH3006



M2x8 SC x 1
#BRASCH2008



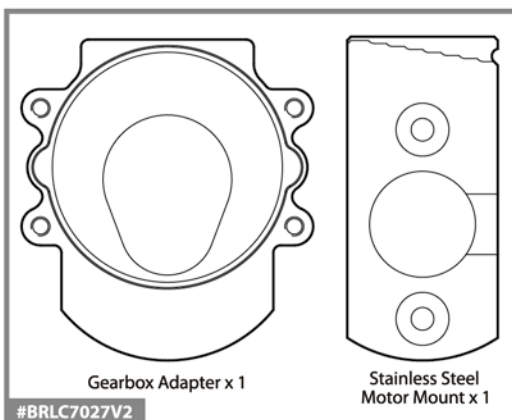
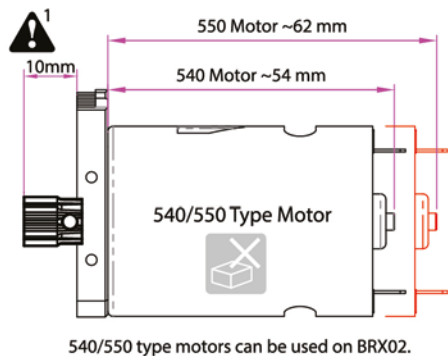
SETTING UP THE SHIFT SERVO

1. Connect the shift rod to the gearbox shift shaft and servo saver using one M2x8 screw. Do not secure the servo saver to the servo output shaft yet.
2. Temporarily connect the radio system and assign the shift servo to a channel with 2-position switch. A 2-position switch ensures the gearbox is always fully engaged in either Low Gear or High Gear.
3. Set the EPA (End Point Adjustment) to lower values on both sides. Verify the servo rotation direction (clockwise shifts to Low Gear, counterclockwise shifts to High Gear).
4. Place the gearbox shift shaft in the Low Gear position and set the radio shift switch to Low Gear. Install the servo saver onto the servo output shaft. The shift shaft should fully extend to approximately 14.7mm in Low Gear. Rotate the driveshaft to adjust if the shaft does not fully extend. Approximately 7mm of travel is required to reach High Gear.
5. Secure the servo saver using one M3x6 screw.
6. Test the shifting operation and gradually increase EPA until both gears engage fully. Use only the minimum EPA required. Reduce EPA if the servo buzzes or binds.

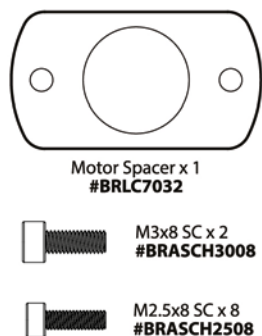
***Important:** Failure to properly set up the servo and EPA may cause the servo to remain under constant load, resulting in premature servo failure or improper gear engagement.

14 - MOTOR

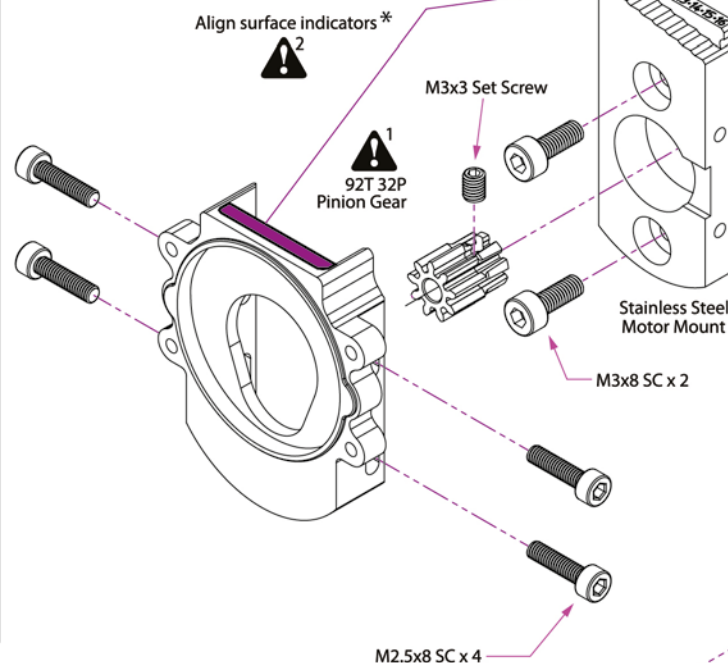
Parts Needed:



GEARBOX / TRANSFER CASE



Use the corresponding number of the pinion gear tooth (▲1) on the Motor Mount to get the best gear mesh. Adjust the Motor Mount up and down until both surface indicators (▲2) are leveled (align at index 9T for the 9T pinion gear supplied as pictured).



Motor Spacer
1mm Motor Spacer provided for extra clearance if necessary.

The motor unit has to flip upside down providing enough clearance for steering servo.

M2.5x8 SC x 4

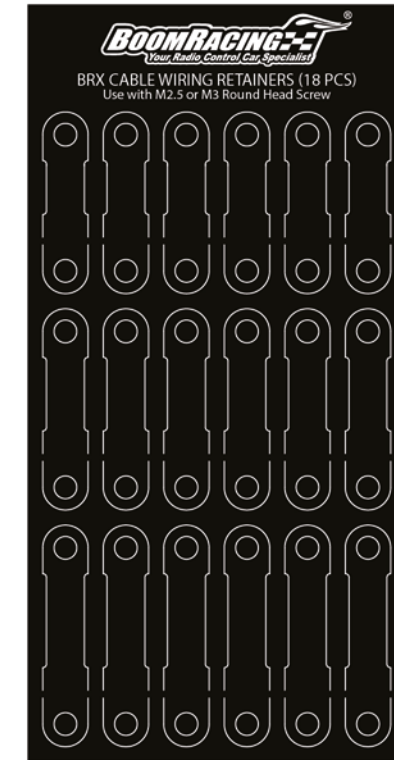
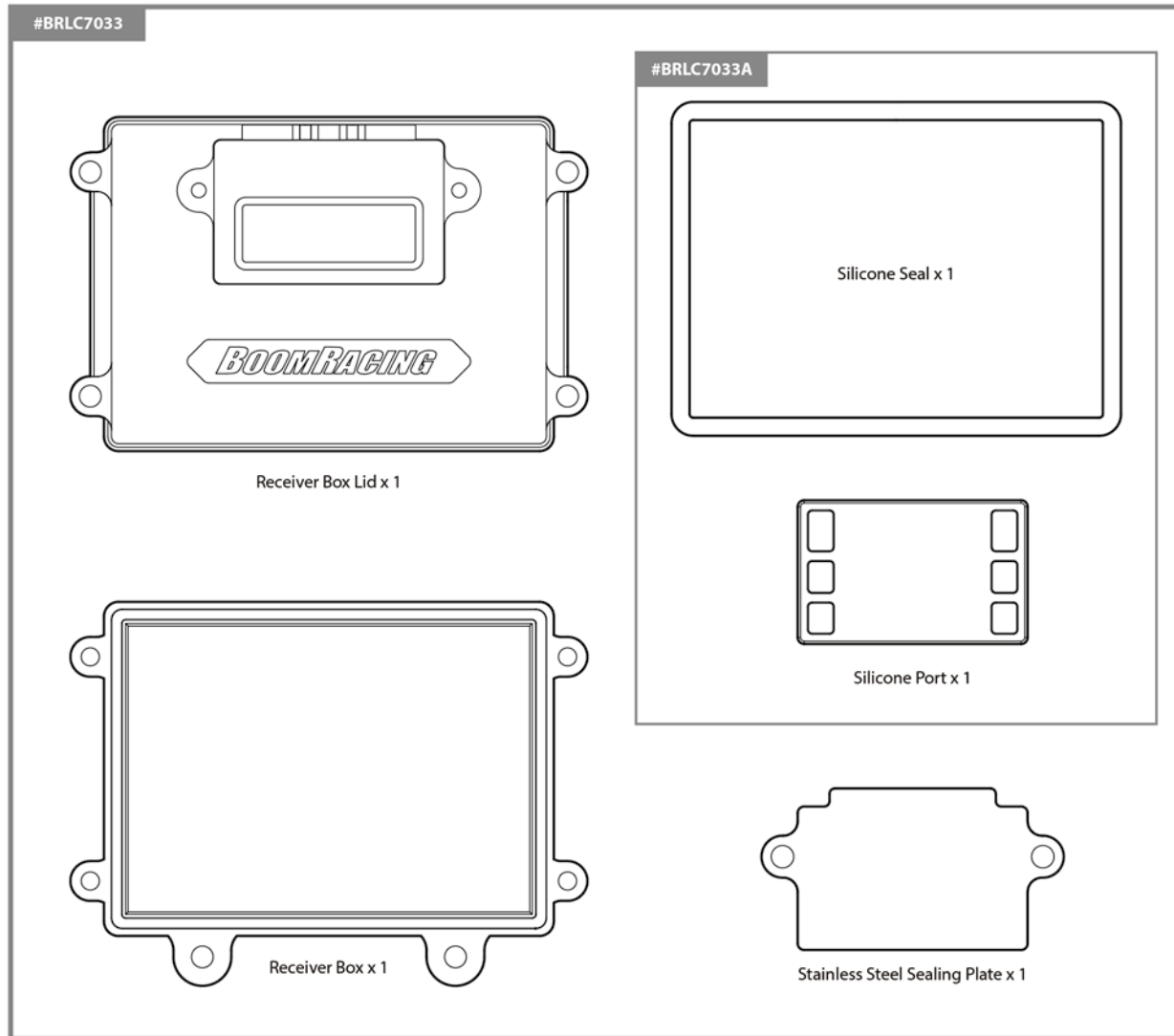
M2.5x8 SC x 4

Pinion Gear	Final Drive Ratio	
	Spur Gear (28T)	
	1st Gear	2nd Gear
* 9	60.15	27.07
10	54.13	24.36
11	49.21	22.15
12	45.11	20.30
13	41.64	18.74
14	38.67	17.40
15	36.09	16.24
16	33.83	15.23

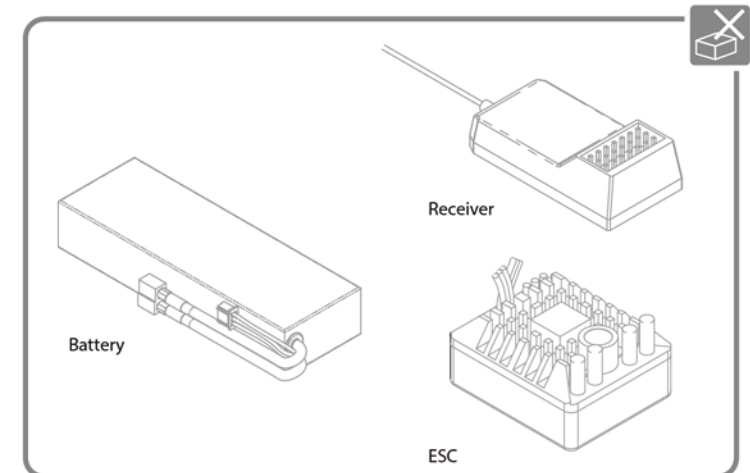
Optional pinion gear can be used up to 14T on the chassis.

15 - RECEIVER BOX & ELECTRONICS INSTALLATION

Parts Needed:



Cable Wiring Retainers
#BRT10037

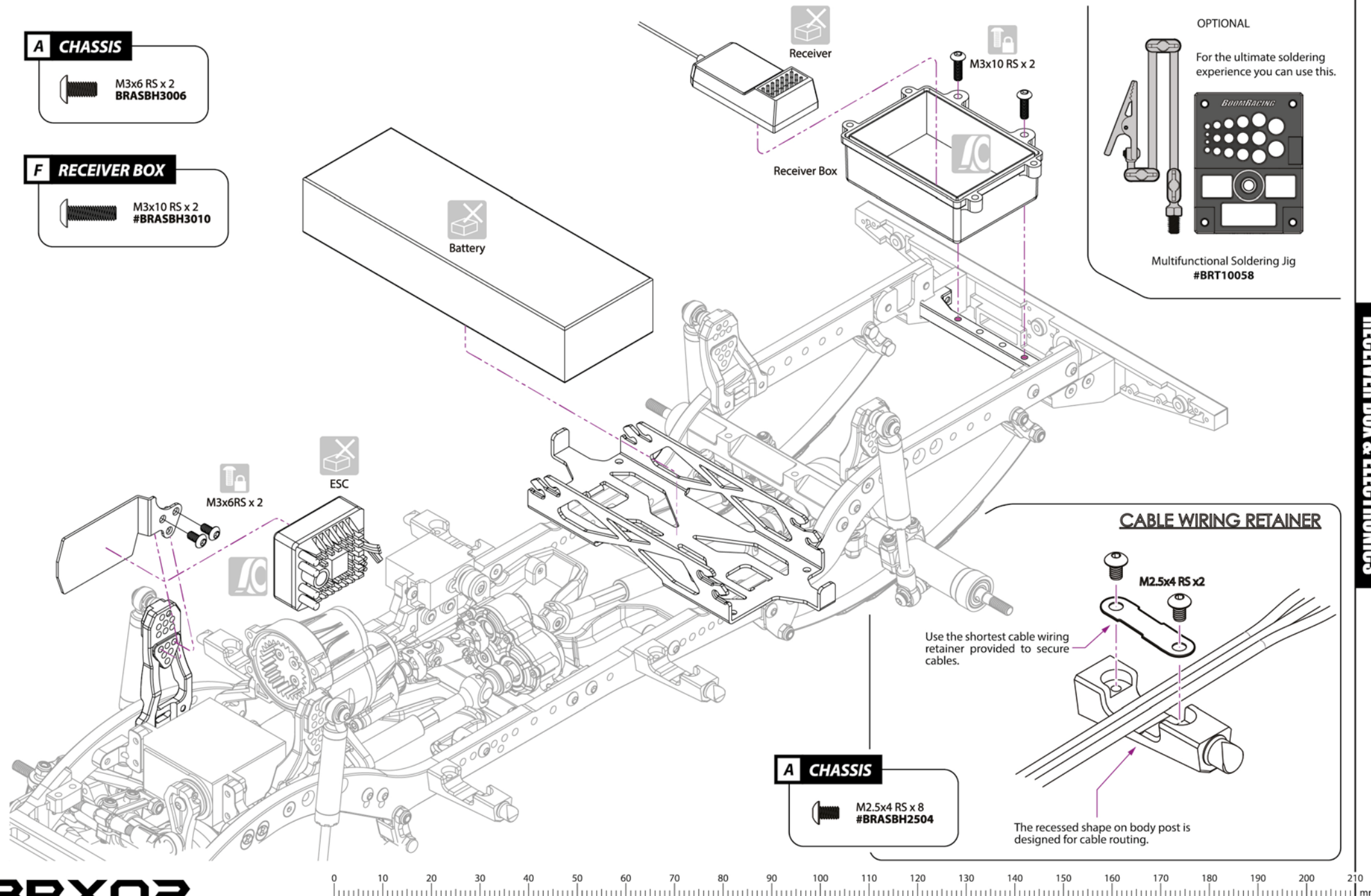


A CHASSIS

M3x6 RS x 2
#BRASBH3006

F RECEIVER BOX

M3x10 RS x 2
#BRASBH3010



F RECEIVER BOX
 M3x8 RS x 4
#BRASBH3008

 M2.5x6 RS x 2
#BRASBH2506


Apply Silicone Grease around and into the silicone sealing to create an airtight seal.

M2.5x6 RS x 2

Stainless Steel Sealing Plate

Silicone Port

Receiver Box Lid

M3x8 RS x 4

Silicone Seal

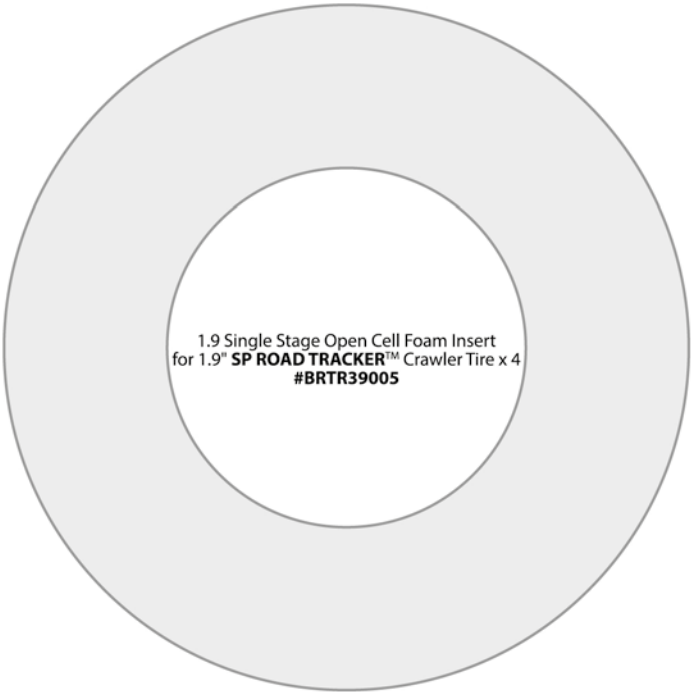
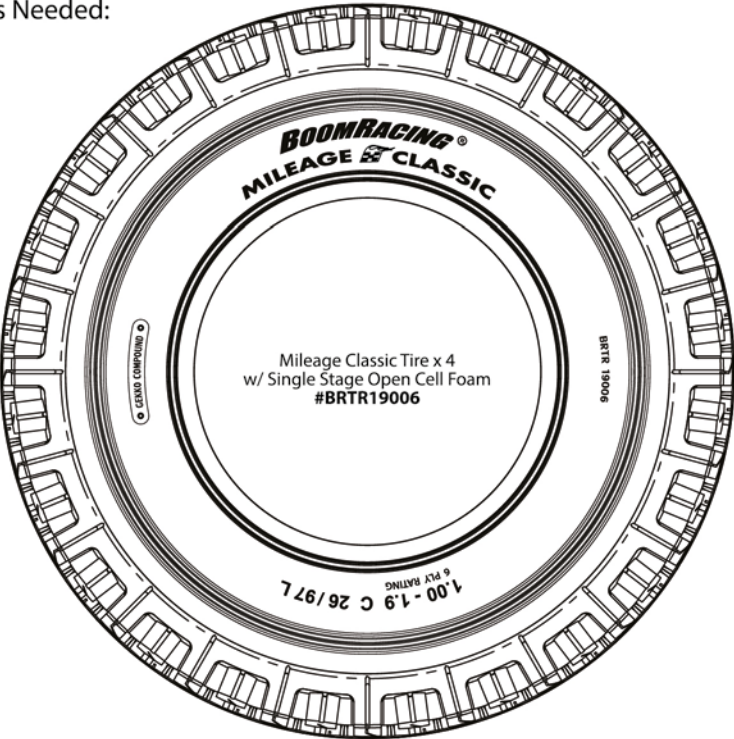


To fully waterproof the receiver box, apply a generous amount of Silicone Grease into and around the two silicone sealings to create an airtight seal.

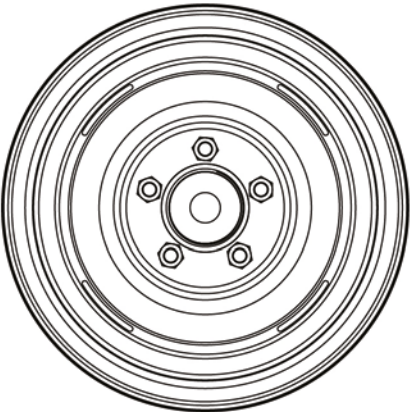
The BRX02 D130 is designed to go anywhere. This includes being fully submerged under water. To protect electronics from water damage, all electronics must be fully waterproofed. It is your responsibility to fully waterproof all electronics before driving in wet conditions.

16 - WHEELS & TIRES

Parts Needed:



1.9 Single Stage Open Cell Foam Insert
for 1.9" SP ROAD TRACKER™ Crawler Tire x 4
#BRTR39005



SLR™ 1.9 Classic Steel Wheel x 4
w/ Cap and Scale Hardware
with (#XT502PIN) Wheel Hub



Nylon Wheel Hub Caps x 4
#BRW780944

C LEAF SPRINGS



M2.5x14 RS x 2
#BRASBH2514



2.5 Nut x 2
#BRASNUTM25

D WHEELS



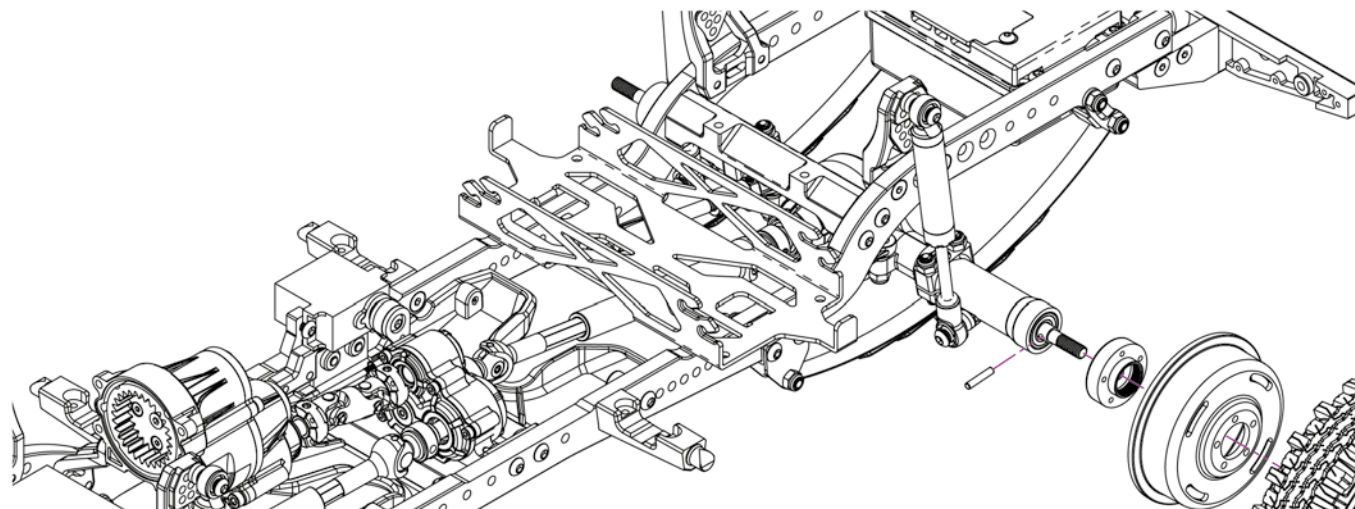
M4 Nut - Nyloc x 4
#BRASNUTM4



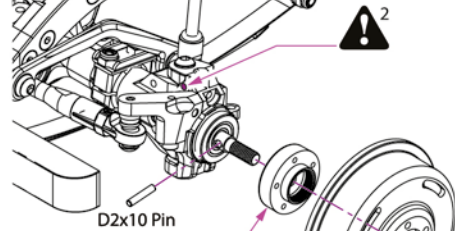
2x10mm Pin x 4
#BRASPIN210



D4x7x2
Aluminum Spacer x 4
#BRASSP472

**Tips for easier installation:**

Use three longer starter screws (M2x14) to sandwich the wheel pieces together. Then, use two M2x10 screws to assemble the wheels. Remove the three longer starter screws and replace with M2x10 screws.



XT502PIN 5-Lug
Metal Wheel Hub Adapter
+2mm Positive Offset
#BRXT502PIN

Wheel Back Piece
#BRW780944 (Narrow)

Mileage Classic Tire
#BRTR19006

Wheel Center Piece
#BRW780920 (Narrow)

Front Faceplate

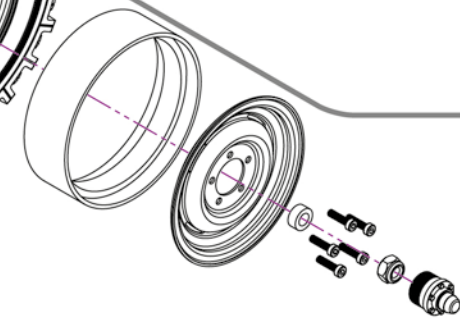
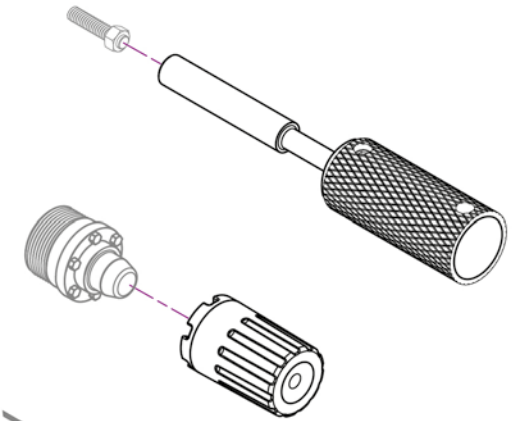
Scale M2x8 Wheel Bolts

D4x7x2
Aluminum Spacer
#BRASSP472

M4 Nut

Nylon Wheel Cap
#BRW780944

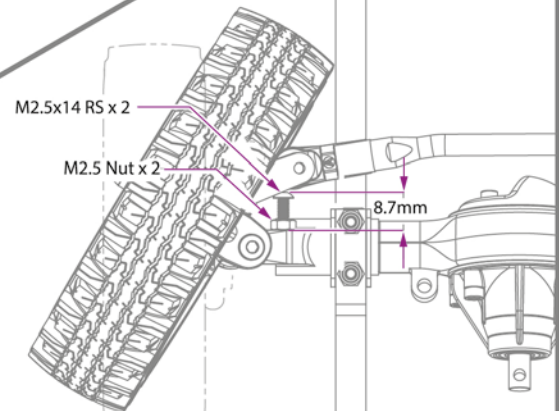
1
Evenly distribute foam within the tire interior before installing beadlock ring.

TOOL USAGE**STEERING ANGLE LIMITER**

M2.5x14 RS x 2

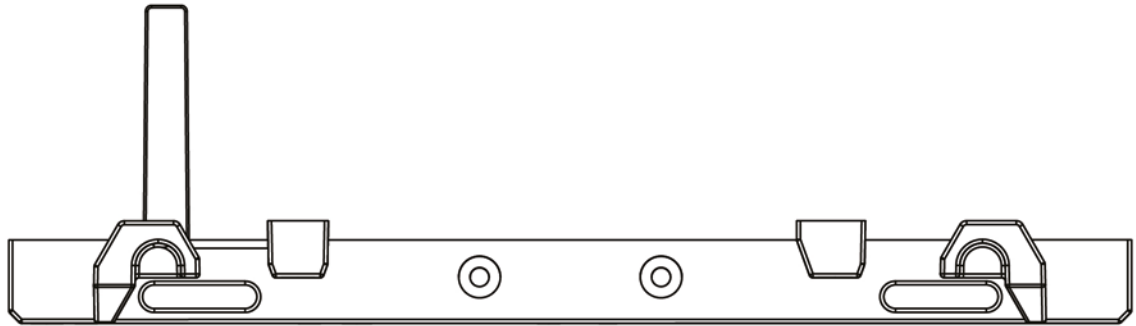
M2.5 Nut x 2

8.7mm

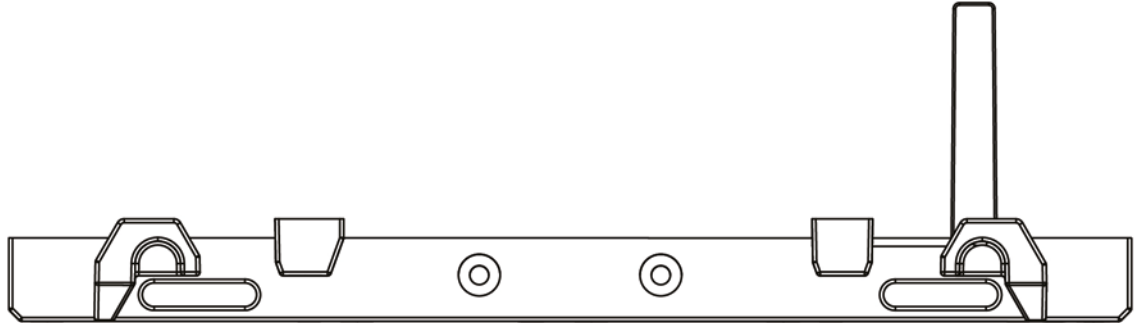


Parts Needed:

#BRX020112



S3 Body Brace Left x 1



S3 Body Brace Right x 1

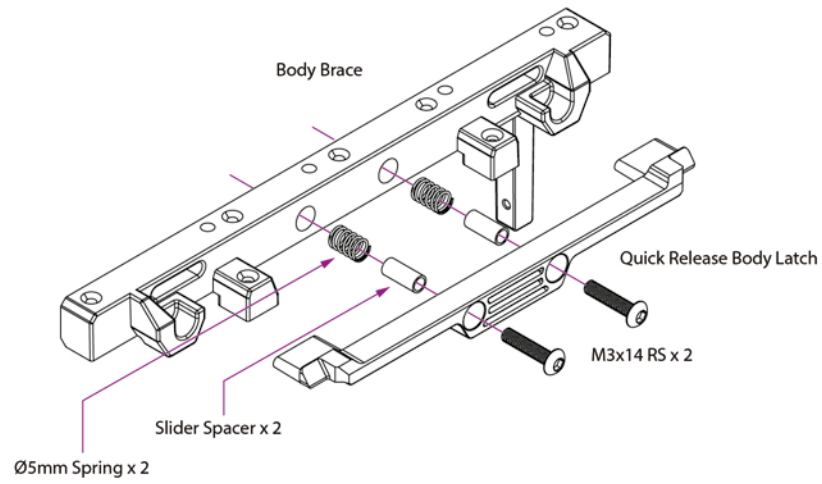


Quick Release Body Latch x 2
#BRX020061

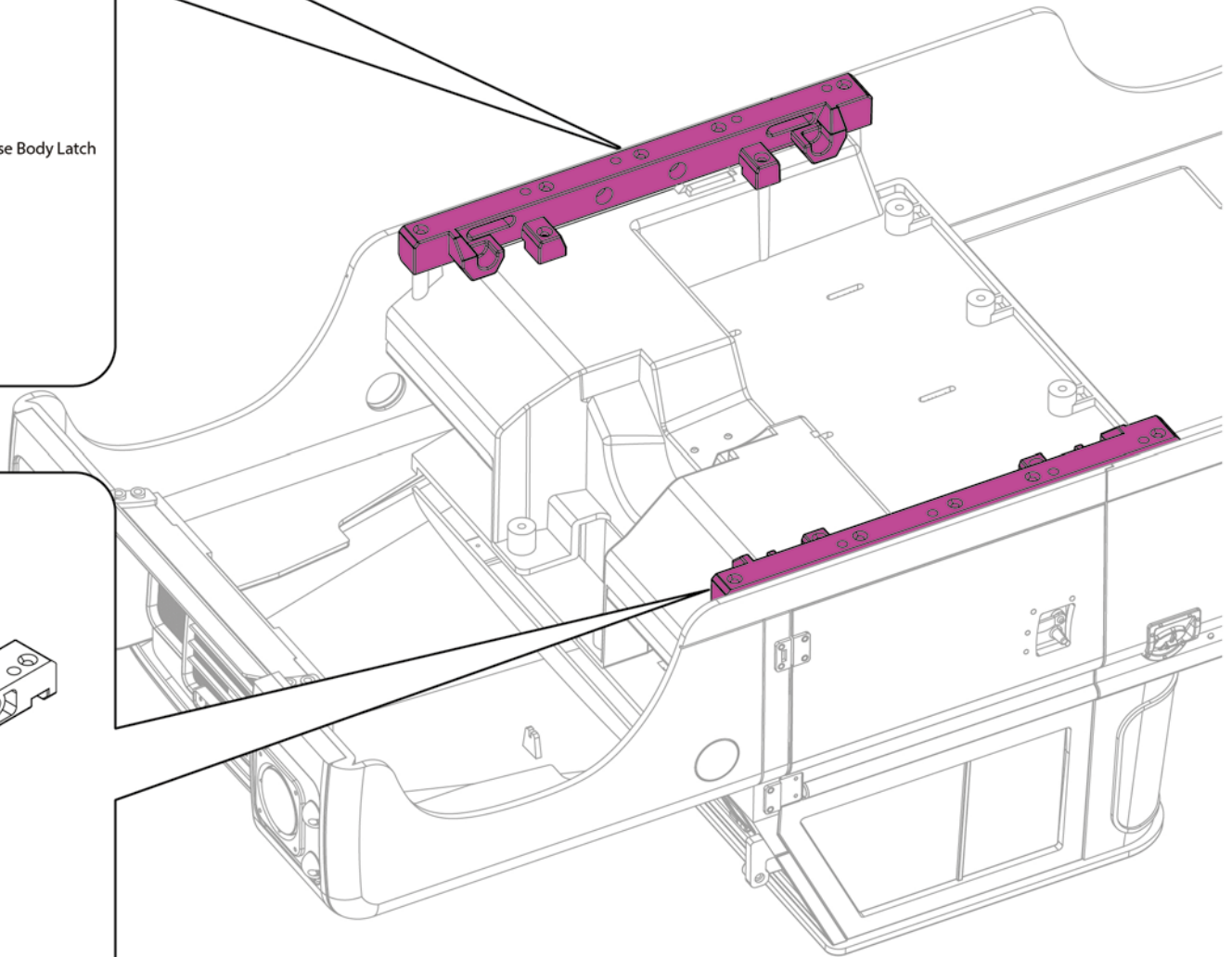
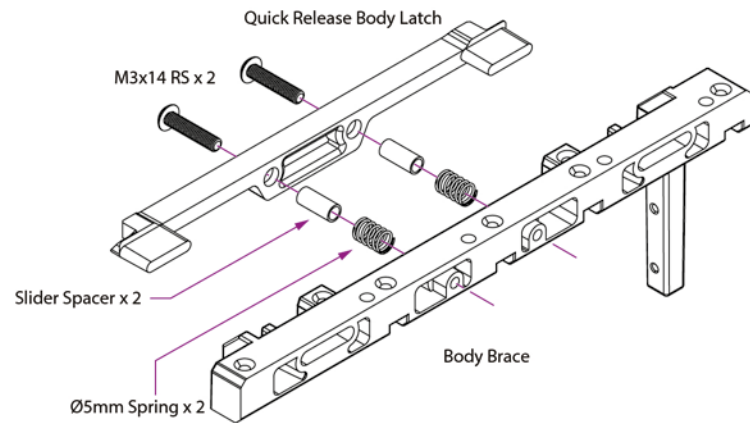
G BODY MOUNTS

-  M3x14 RS x 4
#BRASBH3014
-  Ø5mm Spring x 4
#BRASSPRING05510
-  Slider Spacer x 4
#BRX020035

QUICK RELEASE BODY MOUNT - LEFT



QUICK RELEASE BODY MOUNT - RIGHT

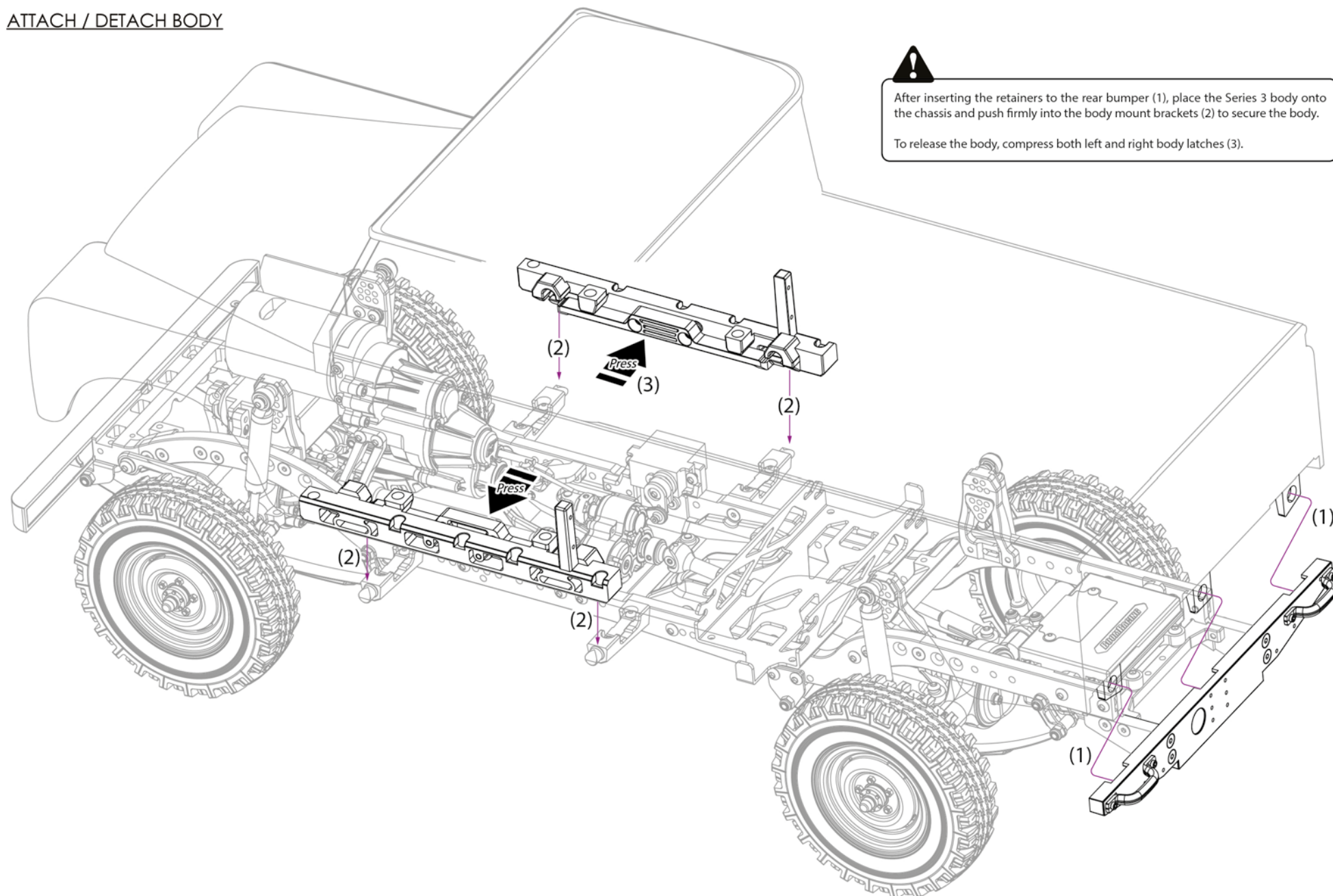


ATTACH / DETACH BODY



After inserting the retainers to the rear bumper (1), place the Series 3 body onto the chassis and push firmly into the body mount brackets (2) to secure the body.

To release the body, compress both left and right body latches (3).



BODY MOUNT

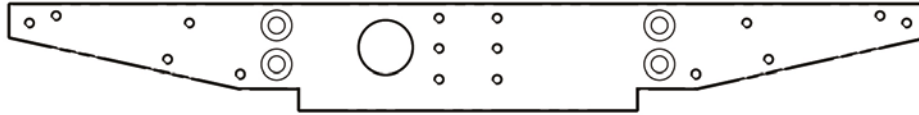
BODY MOUNT

BRX02



18 - REAR BUMPERETTE INSTALLATION

Parts Needed:



Rear Bumper x 1
#BRX020109R

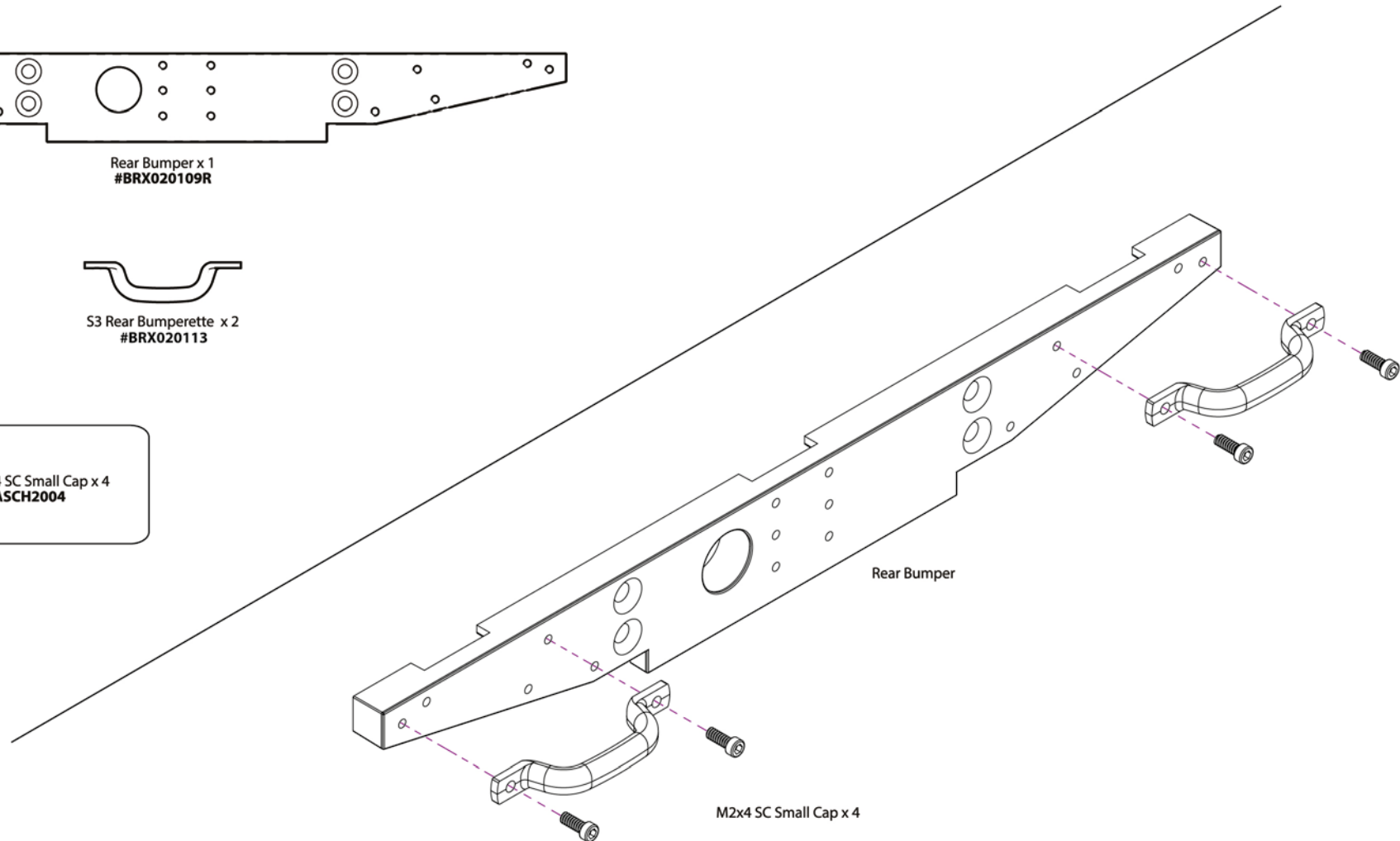


S3 Rear Bumperette x 2
#BRX020113

A CHASSIS

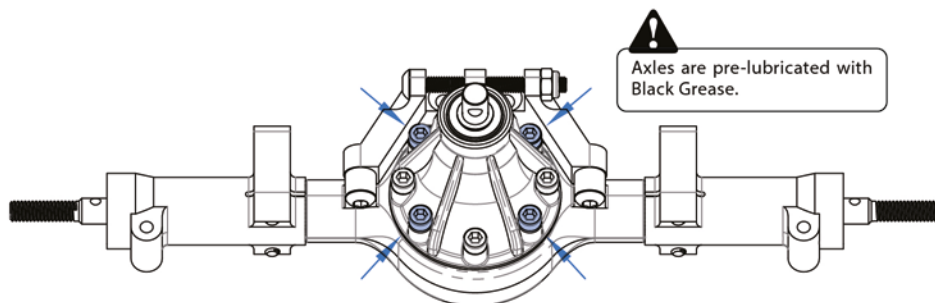


M2x4 SC Small Cap x 4
#BRASCH2004



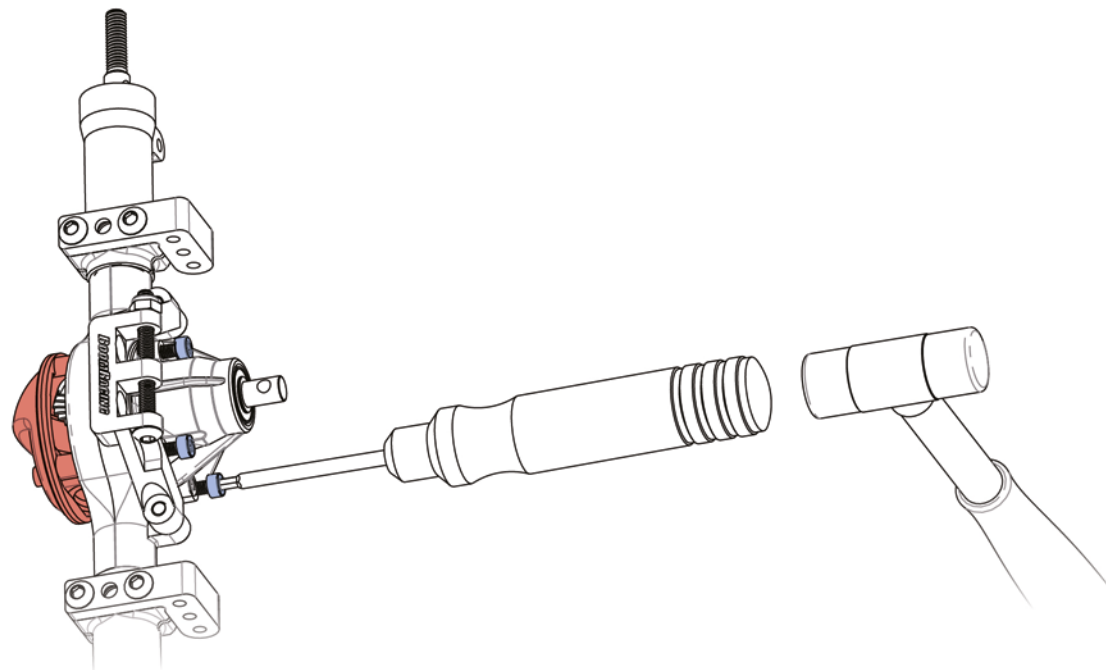
PRE-ASSEMBLED AXLE

Front Diff Cover Release Method In Case Assembly Is Tight.

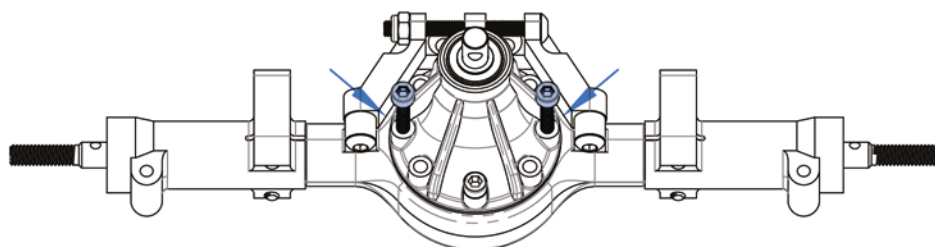


Step 1 - Loosen four M2.5x16mm socket screws indicated making the screw cap 3 mm apart from the case.

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



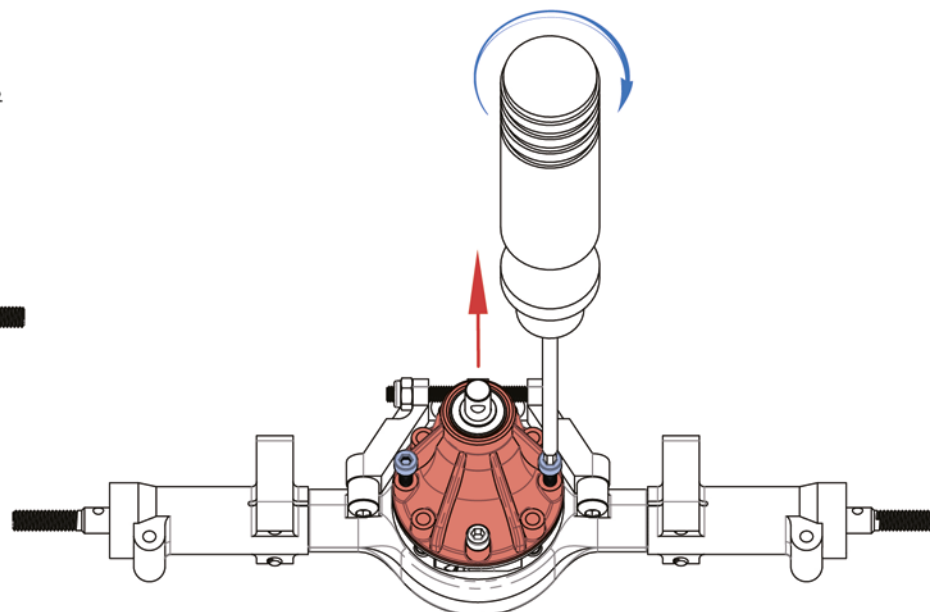
The Third Member Release Method When Assembly Is Tight.



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

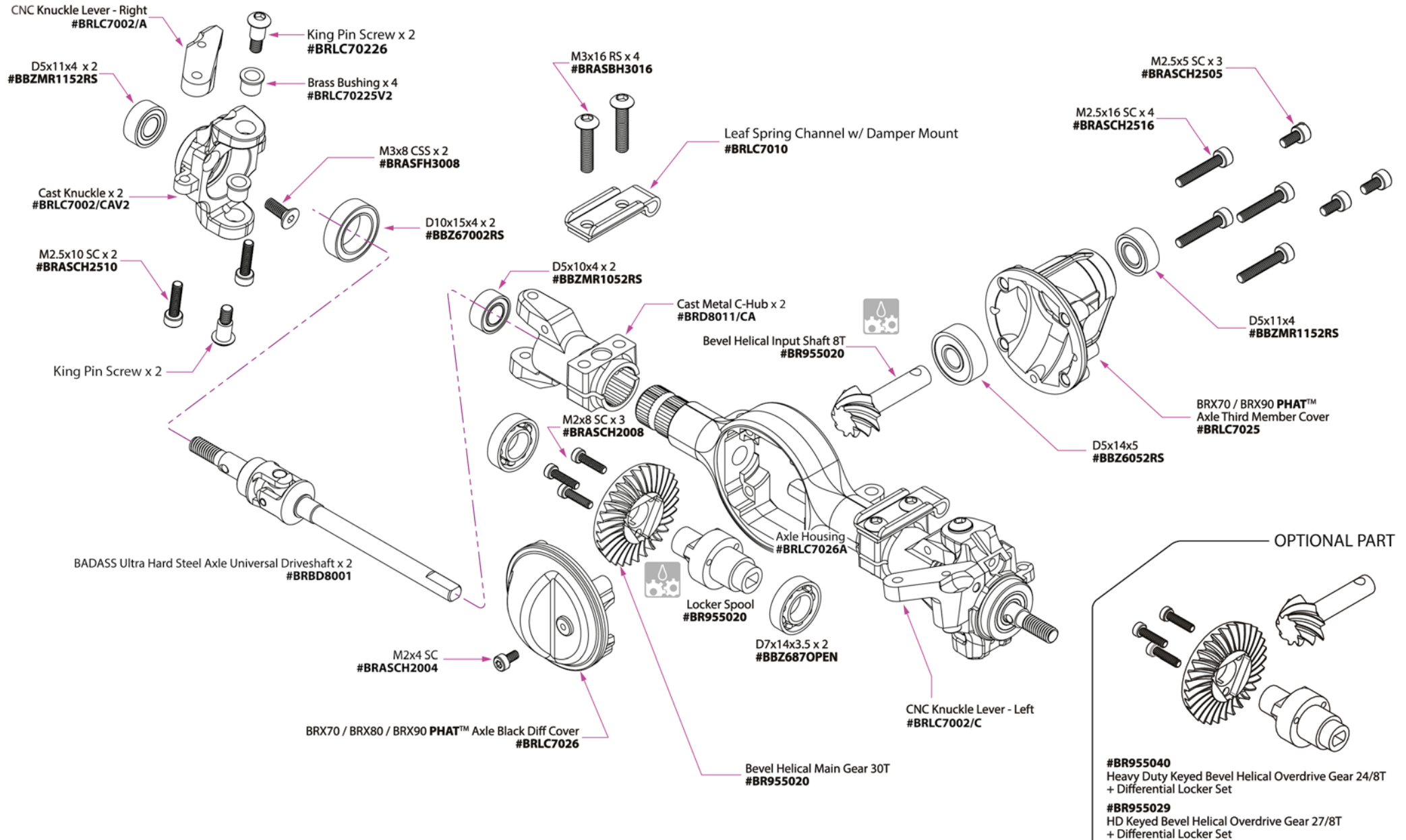
Step 3 - Lightly torque the screws until the third member is released



PRE-ASSEMBLED FRONT AXLE



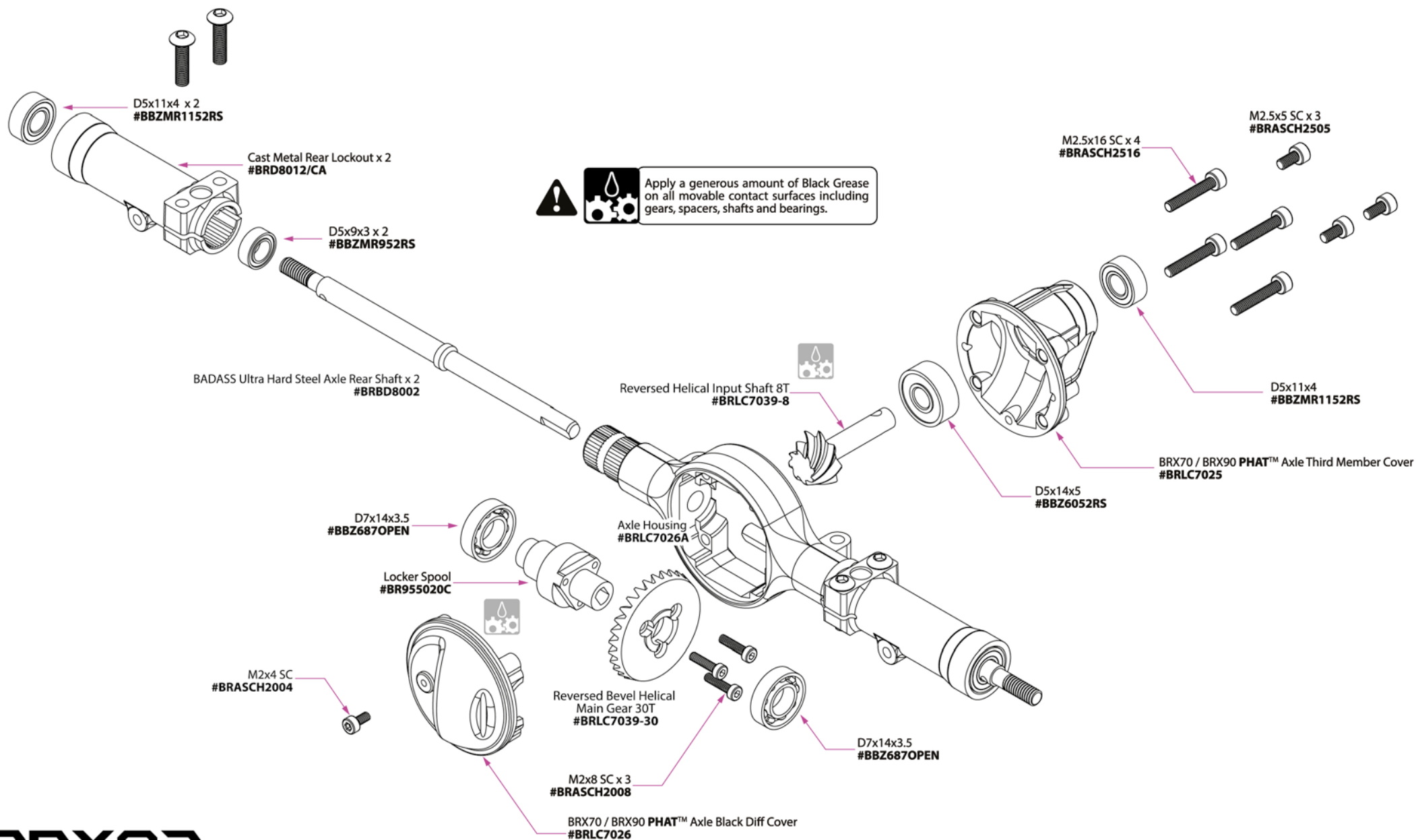
Apply a generous amount of Black Grease on all movable contact surfaces including gears, spacers, shafts and bearings.



PRE-ASSEMBLED REAR AXLE

PRE-ASSEMBLED PARTS

PRE-ASSEMBLED PARTS



BRX02

PARTS LIST

Part #	Description	Part #	Description
BBZ6052RS	5x14x5mm High Performance Rubber Sealed Bearing (1)	BRASSP473	D4x7x3 Aluminum Spacer (5)
BBZ67002RS	10x15x4mm High Performance Rubber Sealed Bearing (1)	BRASSPD471/N	D4x7x1 Nylon Spacer (5)
BBZ687OPEN	7x14x3.5mm High Performance Open Ball Bearing (1)	BRASSPD5801	Spacer D5x8x0.1 (10)
BBZMR1052RS	5x10x4mm High Performance Rubber Sealed Bearing (1)	BRASSPD5805	Spacer D5x8x0.5 (10)
BBZMR1152RS	5x11x4mm High Performance Rubber Sealed Bearing (1)	BRASSPD5730	Spacer D5x7x3 (5)
BBZMR1172RS	7x11x3mm High Performance Rubber Sealed Bearing (1)	BRASSPRING05510	Ø5mm Spring (4)
BBZMR952RS	5x9x3mm High Performance Rubber Sealed Bearing (1)	BRASST3003	M3x3 Set Screw (10)
BR955014BK	Aluminum Short Low Profile Servo Horn 25T Black	BRASST3004	M3x4 SS Set Screw (10)
BR955020	Heavy Duty Keyed Bevel Helical Gear 30/8T + Differential Locker Spool Set	BRASST3022/DS	M3/2.2x11 Set Screw (10)
BR955020A	Heavy Duty Bevel Helical Main Gear 30T	BRASST3024/DS	M3/2.4x11 Set Screw (10)
BR955020B	Heavy Duty Bevel Helical Input Shaft 8T	BRASST4016	M4x16 Set Screw (10)
BR955020C	Diff Locker Spool for HD Helical Bevel Gear	BRBD8001	Ultra Hard Steel Axle Universal Driveshaft (2)
BR955029	Heavy Duty Keyed Bevel Helical Overdrive Gear 27/8T + Differential Locker Set	BRBD8002	Ultra Hard Steel Axle Rear Shaft (2)
BRASBH2504	M2.5x4 RS Round Head Screw (10)	BRD8011/CA	Cast Metal C-Hub (2)
BRASBH2506	M2.5x6 RS Round Head Screw (10)	BRD8012/CA	Cast Metal Rear Lockout (2)
BRASBH2514	M2.5x14 RS Round Head Screw (10)	BRD8022A	Stainless Steel Tie Rod For BRX80 axle
BRASBH3006	M3x6 RS Round Head Screw (10)	BRGRS01	BADASS™ Siliking Grease 5g
BRASBH3008	M3x8 RS Round Head Screw (10)	BRGRS08	BADASS™ Black Graphite Grease 5g
BRASBH3010	M3x10 RS Round Head Screw (10)	BRGRS09-5GB	BADASS™ Shock Slime Grease 5g
BRASBH3012	M3x12 RS Round Head Screw (10)	BRGRS10274-10	BADASS™ Silicone Grease 10g
BRASBH3014	M3x14 RS Round Head Screw (10)	BRGRS10274-20	BADASS™ Silicone Grease 20g
BRASBH3016	M3x16 RS Round Head Screw (10)	BRGRS1055-10	BADASS™ Black Graphite Grease 10g
BRASBH3022	M3x22 RS Round Head Screw (10)	BRGRS1055-20	BADASS™ Black Graphite Grease 20g
BRASBH3024	M3x24 RS Round Head Screw (10)	BRGRS242	242 Blue Thread Lock 10g
BRASCH2004	M2x4 SC Socket Cap Screw (10)	BRLC7002/A	Aluminum Knuckle Lever (High Clearance) - Right
BRASCH2008	M2x8 SC Socket Cap Screw (10)	BRLC7002/C	Aluminum Knuckle Lever (High Clearance) - Left
BRASCH2505	M2.5x5 SC Socket Cap Screw (10)	BRLC7002/CA	Cast Metal Knuckle (2)
BRASCH2506	M2.5x6 SC Socket Cap Screw (10)	BRLC7010	Steel Leaf Spring Channel w/ Shock Mount for BRX70 / BRX80 / BRX90 Axle (2)
BRASCH2508	M2.5x8 SC Socket Cap Screw (10)	BRLC7022A	Brass Bushing for BRX70 / BRX80 / BRX90 Axle Knuckle (4)
BRASCH2510	M2.5x10 SC Socket Cap Screw (10)	BRLC7025	BRX70 / BRX80 / BRX90 PHAT™ Axle Third Member Cover
BRASCH2516	M2.5x16 SC Socket Cap Screw (10)	BRLC7026	BRX70 / BRX80 / BRX90 PHAT™ Axle Black Diff Cover
BRASCH3008	M3x8 SC Socket Cap Screw (10)	BRLC7026A	BRX70 / BRX80 / BRX90 PHAT™ Axle Housing
BRASEC30	E-Clip 3mm (10)	BRLC7027	Aluminum Gearbox Adapter w/ Motor Mount
BRASEC40	E-Clip 4mm (10)	BRLC7029-12T	Heavy Duty 12T Spur Gear
BRASFH2005	M2x5 CSS Counter Sunk Screw (10)	BRLC7029-15T	Heavy Duty 15T Spur Gear
BRASFH2508	M2.5x8 CSS Counter Sunk Screw (10)	BRLC7029-20T	Heavy Duty 20T Spur Gear
BRASFH3006	M3x6 CSS Counter Sunk Screw (10)	BRLC7029-24T	Heavy Duty 24T Spur Gear
BRASFH3008	M3x8 CSS Counter Sunk Screw (10)	BRLC7029-32T	Heavy Duty 32T Spur Gear
BRASFH3010	M3x10 CSS Counter Sunk Screw (10)	BRLC7030	Spur Gear Mount
BRASHS3005	M3x5 Hex Cap Screw (2)	BRLC7031	Internal Spur Gear 28T
BRASNUTM25	Nut M2.5 (5)	BRLC7032	Steel Motor Spacer
BRASNUTM3	Lock Nut M3 Nyloc (5)	BRLC7033	BRX Universal Receiver Box Set w/ Silicone Seals
BRASNUTM4	Lock Nut M4 Nyloc (5)	BRLC7033A	Silicone Seal & Port for BRX Receive Box
BRASPIN210	D2x10 Pin (10)	BRLC7039	30/8T Reverse HD Steel Triangular Keyed Bevel Helical Cut Diff Gear w/ Spool Set
		BRLC7039-8	HD Steel Reversed Helical Input Shaft 8T

PARTS LIST

Part #	Description
BRLC7039-30	HD Steel Reversed Bevel Helical Main Gear 30T
BRLC7041	M3x6x3 Tapper Spacer (4)
BRLC7044	Ultra Hard Steel Gearbox Shaft Set (3pcs)
BRLC7044A	Ultra Hard Steel Gear Catcher
BRLC7044B	Input shaft
BRLC7044C	Output Shaft
BRLC7044E	2-Speed Gear Unit
BRLC7045A	Brass Shifter Cap & Bushing
BRLC7045B	Ultra Hard Steel Shifter
BRLC7045C	Stainless Steel Shift Rod
BRLC7049	Mini Servo Horn
BRLC7050	Fine Tunable Link
BRLC7060	2-Speed Gear Circle Clip (5)
BRLC7064A	Leaf Spring Set (2)
BRLC7064C	Stainless Steel M4X40 Anti-wrap Bar (2)
BRLC7064D	Rear Shackle (2)
BRLC7064E	M3x14 Bolt
BRLC7064F	Rear Leaf Retainer (Outside & inside) (2)
BRLC7095	Extension Cable (2)
BRLC7207	Input Shaft for B2X™ Transfer Case
BRLC7208	Rear Output Shaft For OD & SWD Transfer Case
BRLC70201-B	Front Output Shaft For OD & SWD Transfer Case
BRLC70201-GEAR	Over-drive Gear Set
BRLC70210	Gear Set 20Tx1 29Tx2 For SWD Transfer Case
BRPG3212-3	32P 12T / 3.175mm Steel Pinion Gear
BRPROB-17	ProBuild™ 3.0mm Socket Driver Thumb Tool
BRQ90351	D2 Ball & Rod End
BRRM19006	Rock Monster RED Silicone Tire Insert 3.5"x0.84" (90x21mm)
BRSH0080	KUDU™ 80mm Scale Shock Absorber (2)
BRSHJR	Pivot Ball Retainer (4)
BRSDRD6-15	D6x1.5 O-Ring (10)
BRT10037	Cable Wiring Retainer
BRT10028	Tool Kit
BRT10053	Pivot Ball Tool
BRTR19006	1.9" Mileage Classic™ Scale Crawler Tire GEKKO Compound 3.82"x1.0" (97x26mm) w/ Single Stage Open Cell Foam (2)
BRTR39005	Single Stage Open Cell Foam Insert for 1.9" Mileage Classic™ Crawler Tire 3.82"x0.94" (97x24mm) (2)
BRW750300	BADASS™ Stainless Steel Pivot Ball (10)
BRW750306A	KUDU™ HD Rust-Resistant Rod Ends M4 Nylon (Straight) 18.5mm w/ SST Pivot Ball (5.8x3x7.4mm) (10)
BRW750308C	KUDU™ HD Rust-Resistant M4 Nylon Rod Ends 19.5mm (Sideways) w/ SST Pivot Ball (5.8x3x7.4mm) (10)
BRW750309B	KUDU™ HD Rust-Resistant Rod Ends M4 Nylon (Straight) 21.8mm w/ SST Pivot Ball (5.8x3x7.4mm) (10)
BRW750310	Shock End Pivote Ball (4)

Part #	Description
BRW780920C	Wheel Center Piece (Narrow)
BRW780944	SLR™ 1.9 Classic Steel Wheel w/cap and Scale Hardware (4)
BRW780944A	SLR™ Wheel Face Plate (2)
BRW780944B	SLR™ Wheel Barrel (2)
BRW780944C	Nylon Wheel Cap (4)
BRW780944D	Wheel Cap Installation Tool (1)
BRW780944E	M2x8 Scale Wheel Bolt (5)
BRX020009	Mini Servo Mount
BRX020012	Rear Crossmember
BRX020014	Mid Crossmember
BRX020016	Front Crossmember
BRX020017	Rear Gearbox Mount
BRX020018F	Front shock Mount (Left & Right)
BRX020018R	Rear Shock Mount (Left & Right)
BRX020019	Rear Bumper Mount (Left & Right)
BRX020020LF	Center Skid Plate
BRX020021	Battery Tray
BRX020027	Front Anti-wrap Bar (2)
BRX020028	Steel Connection Drive Shaft (33mm)
BRX020029	BCF2™ Gearbox Housing (A & B)
BRX020029A	Gear Box Bearing Holder
BRX020030	Brass Washer (4)
BRX020034	Body Latch Pin (4)
BRX020035	Slider Spacer (4)
BRX020039	Body Post (4)
BRX020043	KUDU™ HD CVD Center Drive Shaft (2)
BRX020051	Shift Rod
BRX020055	Cast C-Hub (2)
BRX020056	Cast Lock Out (2)
BRX020064A	Front Shackle (2)
BRX020064B	Front Leaf Retainer (Left & Right)
BRX020106	Steel Front ESC Mount Plate
BRX020107F	Nylon Center Front Skid Slider
BRX020107R	Nylon Center Rear Skid Slider
BRX020108	Steering Servo Mount (Left & Right)
BRX020109F	Series 3 Aluminum Front Bumper
BRX020109R	Series 3 Aluminum Rear Bumper
BRX020110	Gearbox Side Mount (Left & Right)
BRX020111	B2X™ Transfer Case Housing
BRX020112	Quick Release Body Mount for Series 3 (Left & Right)
BRX020113	S3 Rear Bumperette (2)
BRX020114	Aluminum Chassis Rail for S3 109 (Left & Right)
BRX020115F	BRX80 Complete Front PHAT™ Axle LEAF Ver.
BRX020115R	BRX80 Complete Rear PHAT™ Axle LEAF Ver.
BRXT502PIN	Scale M2x8 Wheel Bolt (5)
JX/PDI-HV1151MG	JX Waterproof High Voltage Mini Servo

PARTS LIST (Optional Accessories)

Part #	Description	Part #	Description
Chassis Parts		Tires & Inserts	
BRBD955003J	BADASS™ Heavy Duty Steel Connection Shaft (33mm)	BRTR19015	1.9" Expedition Classic Scale Crawler Tire Gekko Compound 3.86"x1.0" (2)
BRX02382	Military Bumper for BRX02 Aluminum Raw Finish	BRTR19014	1.9" Landy Classic Scale Crawler Tire Gekko Compound 3.82"x1.0" (2)
BRX02382BK	Military Bumper for BRX02 Aluminum Black	BRTR19013	1.9" Trophy Classic Scale Crawler Tire Gekko Compound 3.82"x1.0" (2)
BRX02340	KUDU™ Aluminum Rock Slider (2) for Land Rover® Series III 109	BRTR19005	1.9" SP Road Tracker Crawler Tire Gekko Compound 3.82"x0.94" (2)
BRX02338	Aluminum Door Hinge for Series Land Rover Bodies (2)	BRTR19397	1.9" MAXGRAPPLER Scale RC Tire Gekko Compound 3.82"x1.26" Open Cell Foams (2)
BRX020068	KUDU™ Front Skidplate with D-Ring Shackles for BRX02 Leaf Spring Version	BRRM19006	Rock Monster RED Silicone Tire Insert 3.5"x0.84" (90x21mm)
BRX020067	KUDU™ Universal Front Skidplate for BRX02		
BRX020068A	KUDU™ Front D-Ring Shackles & Retainer for BRX02 Leaf Spring Version	Winch & Winch Accessories	
BRX020011	6mm Carbon Fiber Chassis Left & Right	BR-40SW-3S	3S Muscle Winch™ High Voltage Direct Power 40KG Waterproof Servo Winch w/ Free Spool Unit
BRX020079	Carbon Fiber ESC Mount Plate	BR-36SW	Muscle Winch™ High Torque 36KG Waterproof Servo Winch w/ Free Spool Unit
BRX020080	KUDU™ Rear Metal Step Bumper w/ Diamond Plate	BRD90110036	Muscle Winch™ Mount Lead Kit for BRX02 & BRX02 109
BRLC7089	Brass Front Knuckle Base Weights for BRX70/BRX80/BRX90 PHAT™ & AR44 Axle (2)		
BRD9024	Brass Rear Knuckle Base Weights for BRX80 / BRX90 PHAT™ Axle (2)	LED	
BRLC7092	Brass Small Weight Blocks 4g for BRX70/BRX80/BRX90 PHAT™ Axle Knuckle Weight Base (6)	BRTL8001	KUDU™ LED Light Module System for BRX02 Series Land Rover
BRD901101KIT	Mini Servo Mount Set for BRX02 & BRX02 109 w/ Mini Servo @ 8.4v	BRX02383	KUDU™ LED Dash Light Set for Land Rover Series II
BRD901101	Mini Servo Mount for BRX02 & BRX02 109	BRTL8003	KUDU™ LED Rock Light Set for BRX02 Series Land Rover
BRX02327	Nylon Front Inner Fender for BRX02 88 & 109		
BRX02328	Nylon Rear Inner Fender for BRX02 109	Pinion Gear	
BRX02329	Nylon Side Skid Plate for BRX02 109	BRPG3209-3	32P 9T / 3.175mm Steel Pinion Gear (1)
		BRPG3210-3	32P 10T / 3.175mm Steel Pinion Gear (1)
Drivetrain		BRPG3211-3	32P 11T / 3.175mm Steel Pinion Gear (1)
BRLC70201-GEAR	Overdrive HD Gear Set for B2X/DIG/SWD/OD Transfer Cases (33T, 25T, 16T) for BRX Chassis	BRPG3213-3	32P 13T / 3.175mm Steel Pinion Gear (1)
BRLC70201-OD	Overdrive Transfer Case Kit for BRX01 & BRX02	BRPG3214-3	32P 14T / 3.175mm Steel Pinion Gear (1)
BRX020101-SWD	SWD (Selective RWD/4WD) Transfer Case Kit for BRX02 & BRX02 109	BRPG32COMBO1-3	32P Steel Pinion Gear Combo 9T-12T (4)
BRX020102-DIG	DIG Transfer Case Kit for BRX02 & BRX02 109	BRPG32COMBO2-3	32P Steel Pinion Gear Combo 13T-16T (4)
BR955040	Heavy Duty Keyed Bevel Helical Overdrive Gear 24/8T + Differential Locker Set		
BR955029	Heavy Duty Keyed Bevel Helical Overdrive Gear 27/8T + Differential Locker Set	Bearing Set	
		BRX01BBZ	High Performance Full Ball Bearings Set Rubber Sealed (32 Total)
Skid Plate		BRX01FABBZ	High Performance Ball Bearings Set Rubber Sealed For Front Axle (10 Total)
BRLC7086F	Front Skid Plate for BRX70/BRX80/BRX90 PHAT™ Axle	BRX01GBBBZ	High Performance Ball Bearings Set Rubber Sealed For Gearbox (8 Total)
BRLC7086R	Rear Skid Plate for BRX70/BRX80/BRX90 PHAT™ Axle	BRX01RABBZ	High Performance Ball Bearings Set Rubber Sealed For Rear Axle (8 Total)
		BRX02TMBBZ	High Performance Ball Bearings Set Rubber Sealed For B2X™ Transfer Case (6 Total)
Wheel Accessories			
BRPROB-21NWBK	ProBuild™ 1.9" Low-Profile Brass Narrow Center Ring 16.5mm (1)		
BRXT500V2	ProBuild™ XT500 V2 5-Lug Aluminum Wheel Pin Hub Adapters 0MM Offset V2 (2)		
BRXT504V2	ProBuild™ XT504 V2 5-Lug Aluminum 12mm Wheel Hub Adapters 4MM Offset V2 (2)		
BRXT508V2	ProBuild™ XT508 V2 5-Lug Aluminum 12mm Wheel Hub Adapters 8MM Offset V2 (2)		

If you have questions, call Boom Racing at:

1-209-676-8880 (USA) or email Boom Racing at sales@boomracing.com

WWW.BOOMRACING.COM

Maxee RC

Let me start by saying that driving the new Series III is pure pleasure! I was afraid of this model in the beginning because it is built on leaf springs. I was surprised when I saw it has axle supports with full configuration of the hardness of the leaf springs. The suspension works great, and the ride is very realistic. I'm very happy that we get two versions in one go; the standard Series III pickup with hard top, and the possibility of building a Safari version with a small door and without the roof. Plus, the windshield folding down on the hood is original. Such flavors in the kit are really first league. The model itself is very well made, with attention to details. I am delighted with this model!

Shawn Roche (USA)

This truck has it all - a beautifully done iconic body, a leaf spring chassis that actually performs, and the tried and true BRX drivetrain. With this kit Boom Racing has set the bar for excellence higher than I thought possible.

Jeremy Kilburn

Having built hundreds of R/C kits over the years, the BRX02 109 was a fantastic experience and a top tier kit. It was a true pleasure to assemble a well-engineered and well thought out kit. There was never a moment I wished for more, all the metal and machined parts will keep this vehicle dependable and durable for many years to come.



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BRX02

BRX02 109 1/10 4WD R/C CHASSIS KIT FOR SERIES LAND ROVER

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