

SCALE **4WD** Series

BOLT-ON KIT
PARTIAL ASSEMBLY REQUIRED

BOOMRACING
Your Radio Control Car Specialist

BRX01

Limited
EDITION

1/10TH 4WD RADIO CONTROL CHASSIS KIT FOR LC70



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1/10TH 4WD RADIO CONTROL CHASSIS KIT FOR LC70

Congratulations on your ownership of the BRX01 Limited Edition – 1 of 130.

The release of the BRX01 chassis in 2018 was a pivotal moment for Boom Racing. It signified a new chapter for us - from being an upgrade parts manufacturer, to releasing our first vehicle from the ground up. Having many exciting innovations at the time, the chassis garnered a lot of attention around the world, notably being one of the first scale performance trucks with a full stock truck appearance. It has since started a devoted following with the R/C scale community.

The goal of the BRX01 was to create a high-quality, fun-to-build experience, as well as a high-performance and fun-to-drive vehicle. Owners of the chassis especially enjoyed the originality of the design, the innovative and quality of the components, the build process, and sharing tips and pictures on social media.

The BRX01 has been a continuous project for us, which resulted in many optional parts being released. We've received many requests for more products, and one that caught our attention was a fully upgraded BRX01. With this challenge in mind, we set out to develop the ultimate BRX01. We went to the drawing board, started by giving the chassis a unique color scheme, added many optional upgrades and one-off CNC machined parts that are unique to the BRX01 Limited Edition. At the end, only 130 limited units are produced.

Thank you and we hope you enjoy the BRX01 Limited Edition just as much as we've enjoyed developing it. Enjoy being a badass!



Owning a BRX01 Limited Edition is a truly unique and special experience.

As the original owner, you are eligible to receive a special promotion at each of the events being attended by Boom Racing. Once your vehicle is registered online, the chassis is officially registered to you and no one else can claim it. This will help with any future updates and can be used to notify you of new options in the future.

All BRX01 Limited Edition chassis kits are numbered and include a VIN#. No two chassis will ever have the same numbers.

We believe that this will encourage enthusiasm and interaction between owners and we hope that it will boost attendance at events to push the hobby industry further down the road.

To register your BRX01 Limited Edition visit: <https://www.boomracingrc.com/BRX01-limited-edition/register>

FOR HOBBYISTS BY HOBBYISTS



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



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 kit includes factory pre-built axles, transmission, transfer case and shocks. Shocks require oil to be filled (included).



Limited
EDITION



⚠ CAUTIONS ⚠

BEFORE YOU PROCEED

Congratulations! Owning the BRX01 Limited Edition 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 Limited Edition, 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.boomracingrc.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 truck. Operate your BRX01 Limited Edition sensibly and with care, and it will be exciting, safe and fun for you and those around you. Failure to operate your BRX01 Limited Edition in a safe and responsible manner may cause damage and injury.

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 Limited Edition can be very fast and quiet. It could cause injury to those unaware of its presence.

Inspect Your BRX01 Limited Edition 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 Limited Edition 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 Limited Edition.
- 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.boomracingrc.com/BRX01-limited-edition/register>) only, whether purchased or received as a gift.

FACTORY LIMITED WARRANTY

What Is Covered and 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 or by telephone as follows:

- Online @: <https://www.boomracingrc.com/contact-us>
- Email: sales@boomracingrc.com
- Telephone: 1-209-676-8880

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

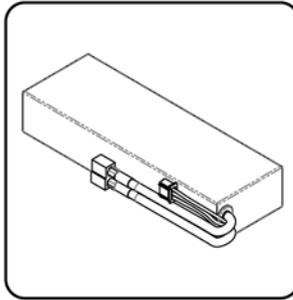
2. Our Customer Support may ask you to return and ship the defective product back to us. Label and ship the product, freight prepaid, to the address provided by Boom Racing; and
3. Place any necessary return authorization number prominently on the outside of the return packaging. Return packaging not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

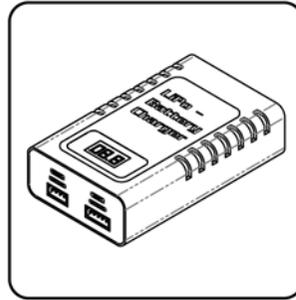
Equipment Required



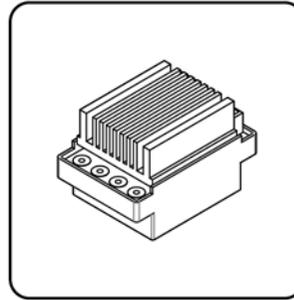
3CH Radio



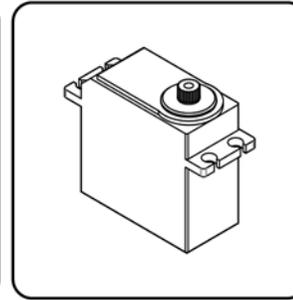
Battery



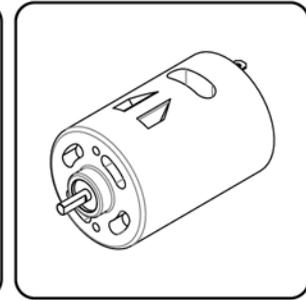
Charger



ESC

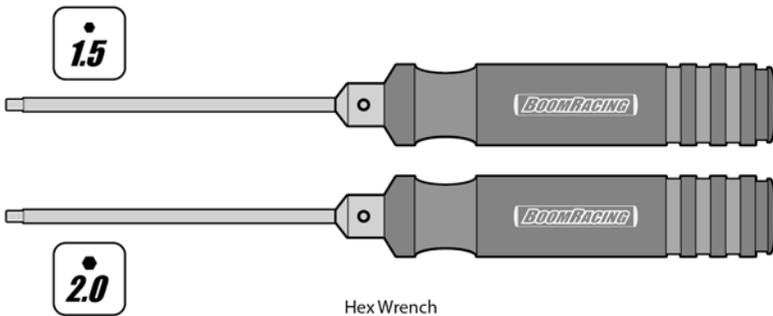


Steering Servo

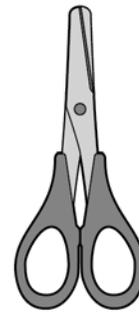


540/550 Motor

Tools Recommended



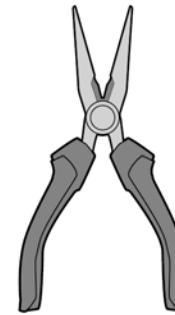
Hex Wrench



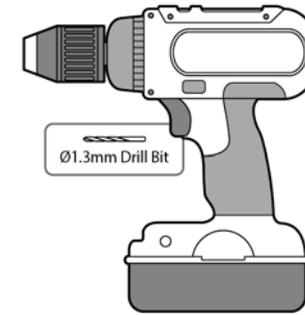
Scissors



Hobby Knife



Long Nose Pliers



Electric Drill



ABS Cement



Thread Lock
Apply thread lock to places shown by this mark.
Apply thread lock first, then assemble.



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



Siliking Grease
Lubricate all moving parts including joints and bearings.
Apply grease to the places shown by this mark.
Apply grease first, then assemble.



Left/Right symmetric modification



Pay attention to note on page.



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



Apply Glue
Apply glue to the places shown by this mark.



Shock Slime
Apply shock slime to the places shown by this mark.



Apply Double Side Tape



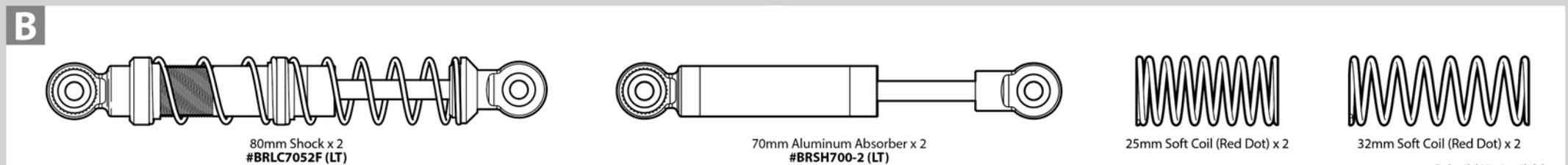
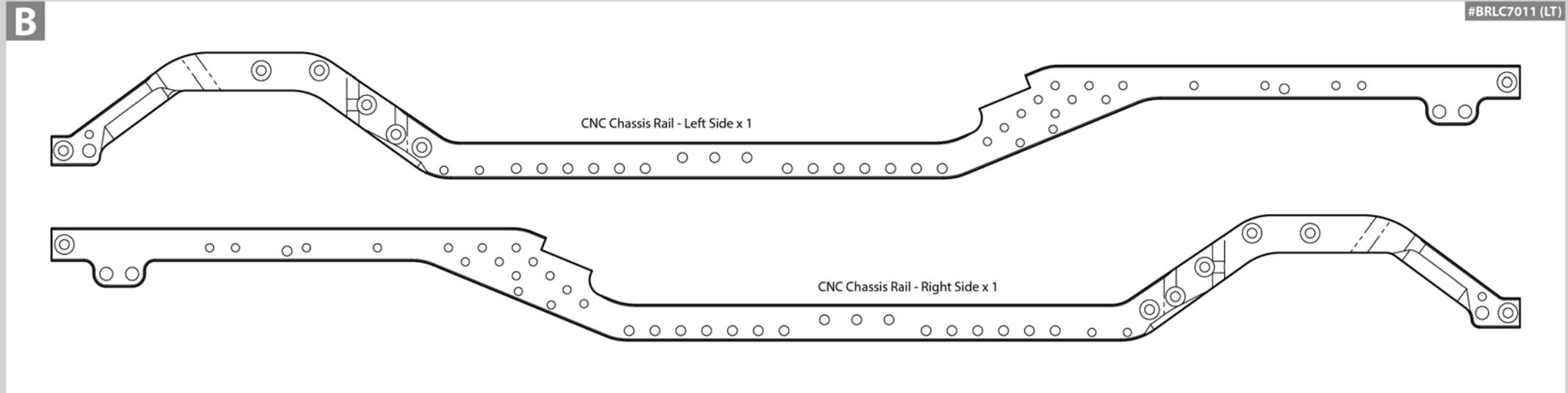
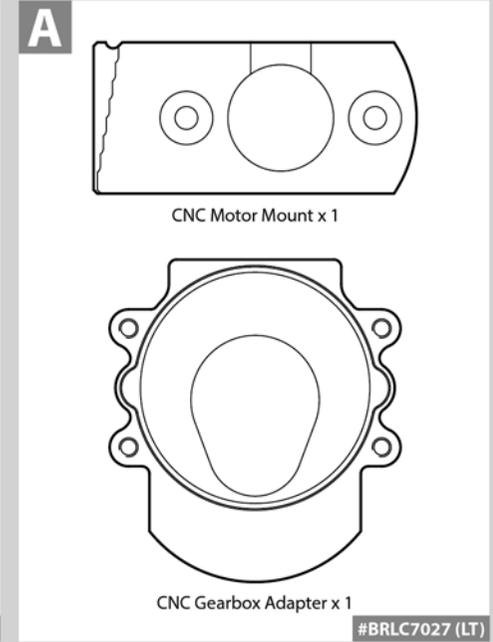
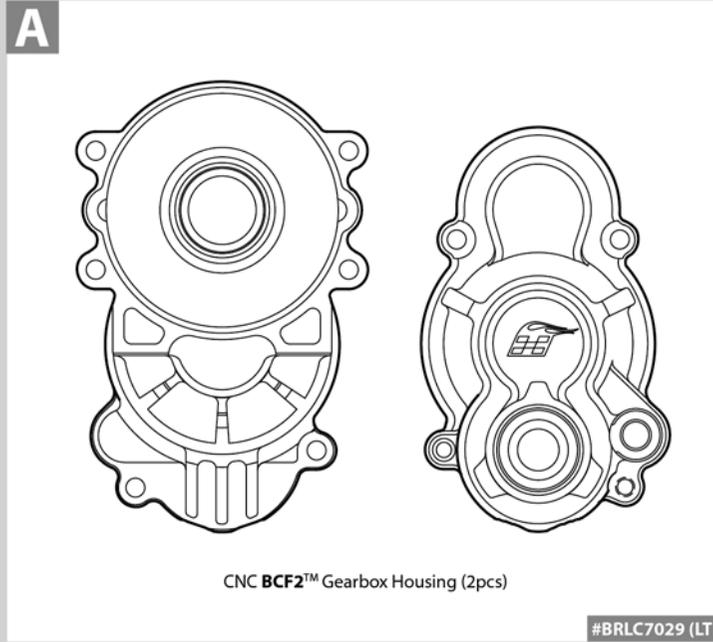
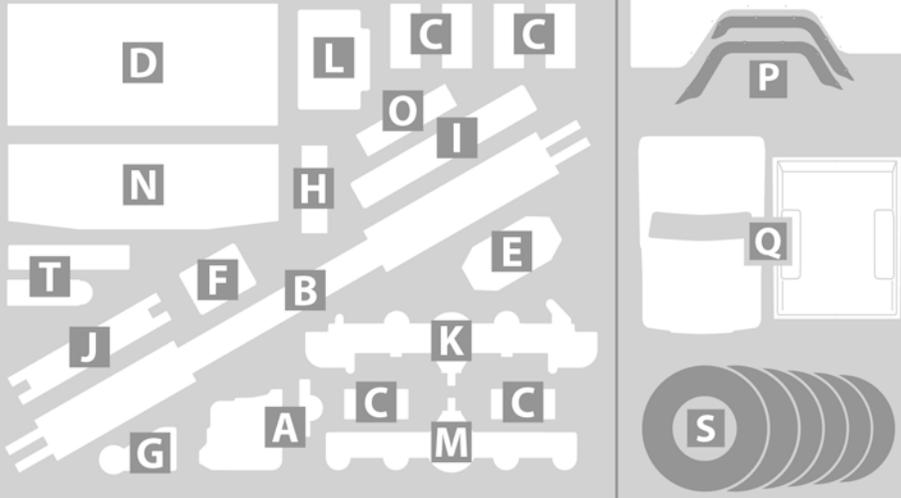
Drill Hole



Item not included.

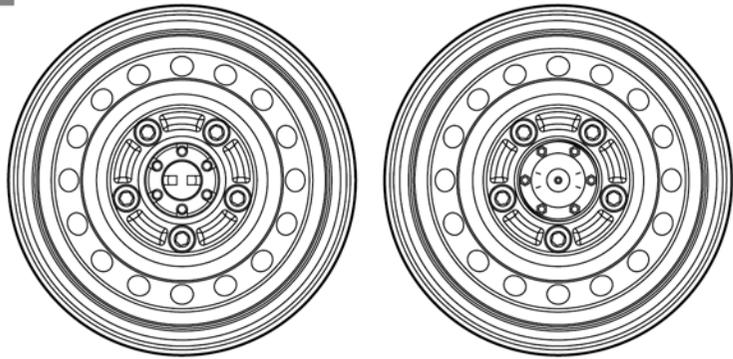
PARTS REFERENCE

Parts Location Map



Rebuild Kit Available
#BRLC7052-REBUILD

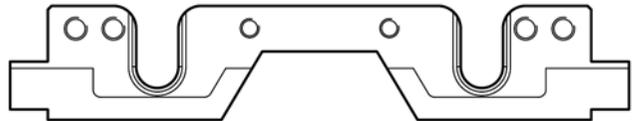
C



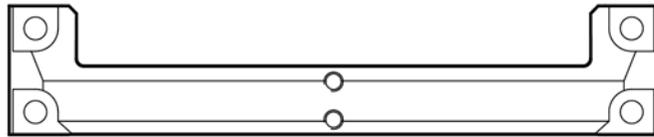
Steele Wheels (Front) x 2
#BRW780955FGM (LT)

Steele Wheels (Rear) x 4
#BRW780955RGM

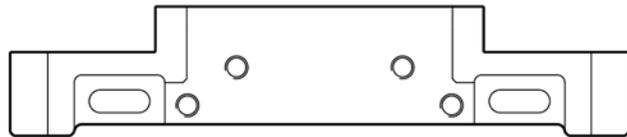
D



CNC Front Crossmember x 1
#BRLC7015

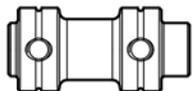


CNC Middle Crossmember x 1
#BRLC7014 (LT)



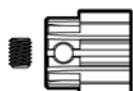
CNC Rear Crossmember x 1
#BRLC7012

D 9 ACCESSORIES



Connection Shaft x 1
#BRLC7028 (LT)

12T 32P Pinion Gear x 1
#BRPG3212-3



D 1 CHASSIS



D 3 LINKS / SHOCKS



D 5 SPACERS



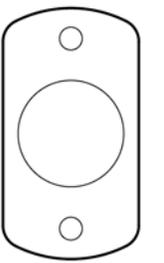
D 6 RECEIVER BOX



D 8 WHEELS



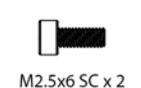
D 2 GEARBOX / TRANSFER CASE (A)



D 4 GEARBOX / TRANSFER CASE (B)



D 7 BODY MOUNTS



D 9 ACCESSORIES



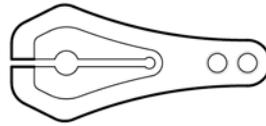
Initiator x 1
Horn A



Spring x 1
Horn A



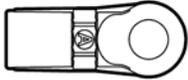
Follower x 1
Horn A



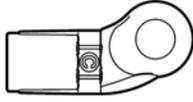
Servo Horn B - 25T x 1
#BRLC7055

#BRLC7049

D 10 ROD ENDS



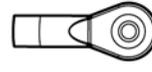
KUDU™
Nylon Rod End (Straight) x 11
#BRW750306A



KUDU™
Nylon Rod End (Sideways) x 1
#BRW750308C



KUDU™
Nylon Rod End 20mm (Upwards) x 5
#BRW750307D



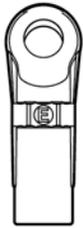
D2 Ball End x 2
#BRQ90351



BADASS™
Stainless Steel Pivot Ball x 18
#BRW750300 (LT)

D 11 QUICK RELEASE LATCH

#BRLC7062 - LT



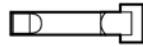
KUDU™
Nylon Rod End 23.7mm
(Upwards) x 1
#BRW750310E



Guard x 1



Handle x 1



Lock Pin x 2



M2.5x14 SC x 1



Preload Spring x 1



M2.5x2.5 SS x 1

D 12 SERVOS



M2x7 RS x 1
#BRASBH2007



M2x8 RS x 1
#BRASBH2008



M3x8 RS x 2
#BRASBH3008



M3x6 RS x 4
#BRASBH3006



M3x12 RS x 2
#BRASBH3012



M2x8 SC x 2
#BRASCH2008



M3 Nuts - Nyloc x 2
#BRASNUTM3



M2 Nut x 1
#BRASNUTM2

D 8 WHEELS

#BRXT5DU



M4x11 Barrel x 2
#BRBNUT4011



M4x16 Barrel x 2
#BRBNUT4016



M2x8 SC x 10
#BRASCH2008



M4x6 SS x 4
#BRASST4006



D6x11x1 Spacer x 4
#BRASSPD61101



D6x11x2 Spacer x 4
#BRASSPD61102



D5x8x2 Spacer x 4
#BRASSPD5802

D 13 LEAF SPRINGS / SLIDER



M3x8 RS x 4
#BRASBH3008



M3x14 RS x 2
#BRASBH3014



M3x14 Bolt x 6
#BRLC7064E (LT)



M3 Nuts - Nyloc x 8
#BRASNUTM3



M3x16 RS x 4
#BRASBH3016



M3x20 RS x 4
#BRASBH3020

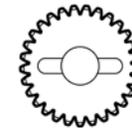


D3x6x3
Tapper Spacer x 2
#BRLC7041 (LT)

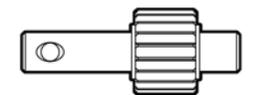


D3x6x5
Tapper Spacer x 4
#BRLC7040 (LT)

D 14 GEARS, SHAFTS & BEARINGS - TRANSFER CASE



29T Spur Gear x 2
#BRLC7046-B



Input Shaft w/ 20T Spur Gear x 1
#BRLC7046-A



D5x14x5 Ball Bearing x 4
#BBZ6052RS



One End Output Shaft x 1
#BRLC7046-D

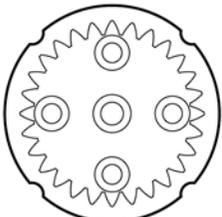


D5x10x4 Ball Bearing x 2
#BBZMR1052RS



Two Ends Output Shaft x 1
#BRLC7046-C

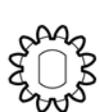
D 15 GEARS, SHAFTS & BEARINGS - GEARBOX



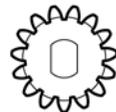
Internal Spur Gear 28T x 1
#BRLC7031



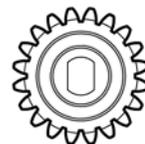
Spur Gear Mount x 1
#BRLC7030



Spur Gear 12T x 1
#BRLC7029-12T



Spur Gear 15T x 1
#BRLC7029-15T



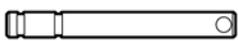
Spur Gear 20T x 2
#BRLC7029-20T



D5x11x4 Ball Bearing x 7
#BBZMR115RS



D7x11x3 Ball Bearing x 1
#BBZMR1172RS



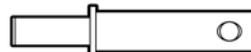
Shift Shaft x 1
#BRLC7045C



Shifter x 1
#BRLC7045B



Input Shaft x 1
#BRLC7044



Output Shaft x 1
#BRLC7044

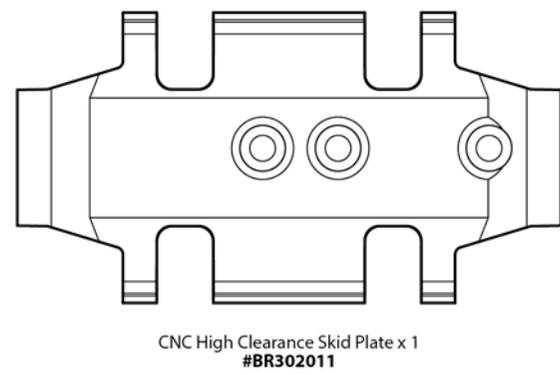
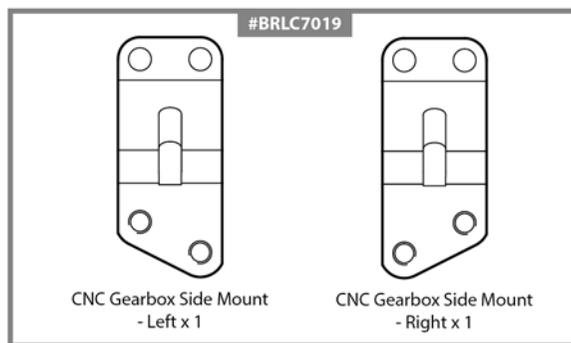
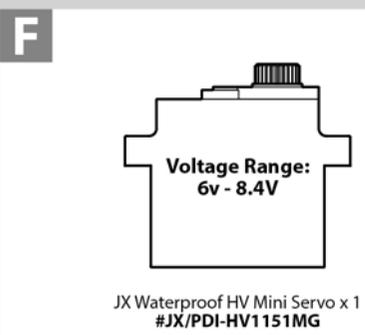
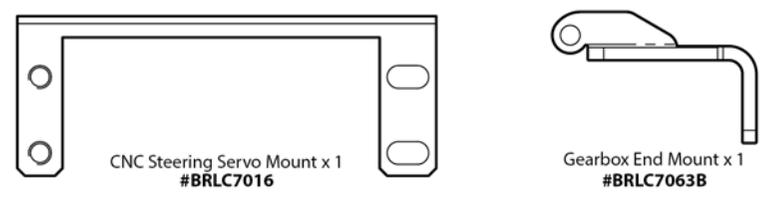
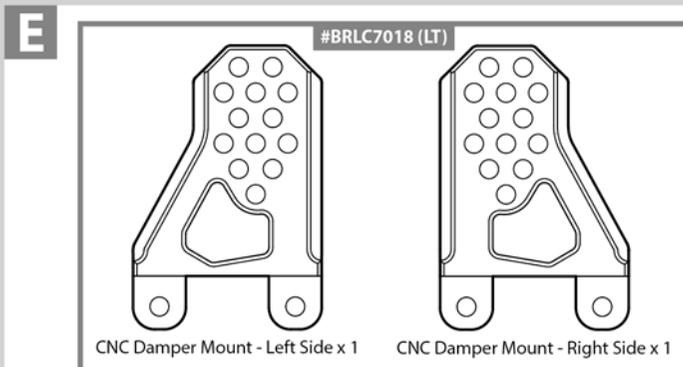
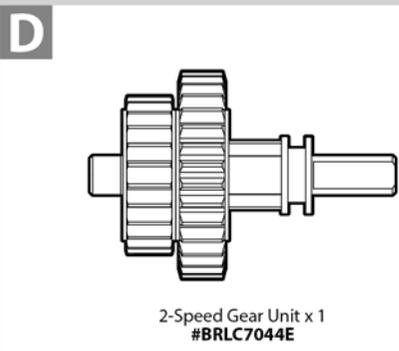
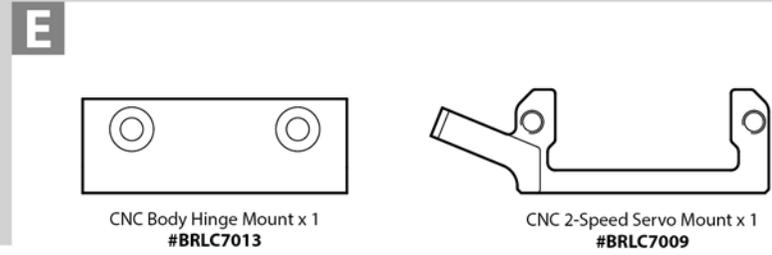
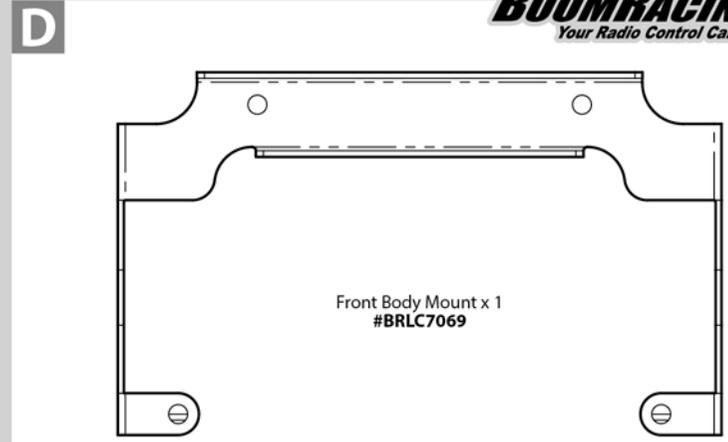
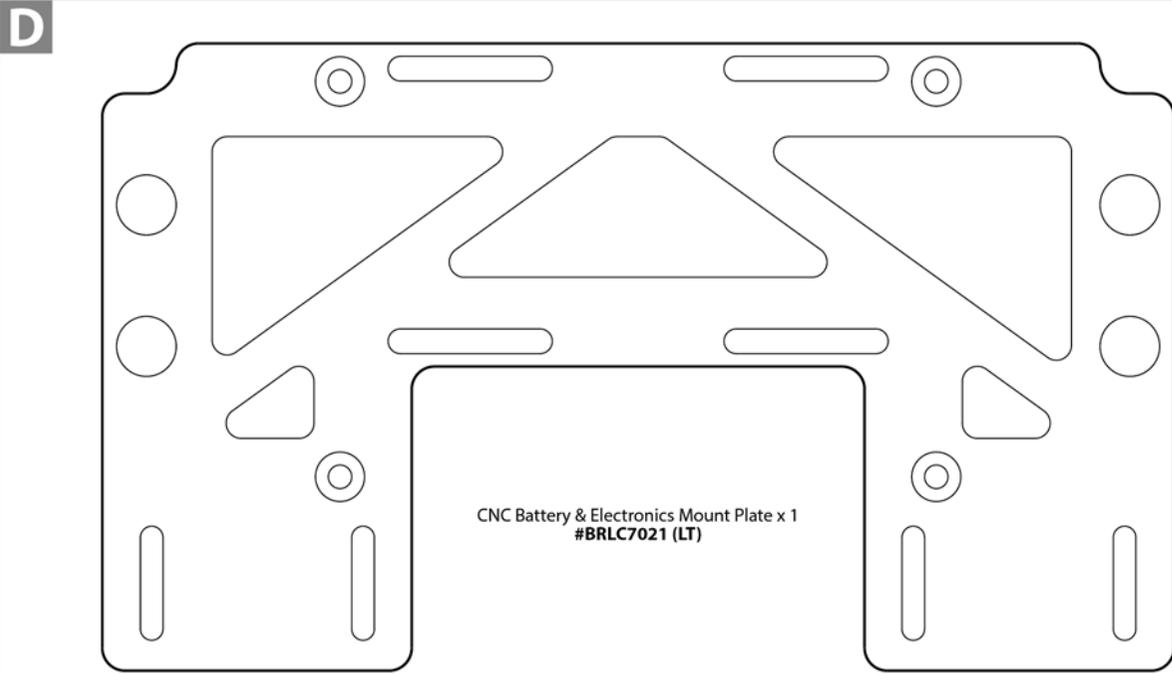


Bearing Holder x 1
#BRLC7029 (LT)

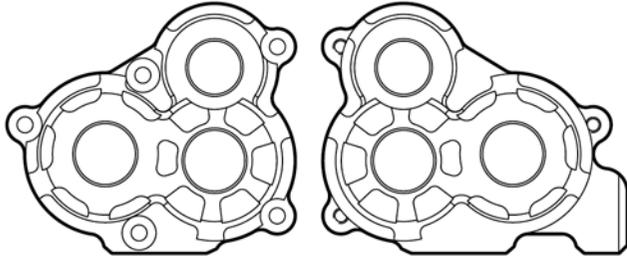
D 16 FENDERS



M1.6x5 SC x 25
#BRASCH1605



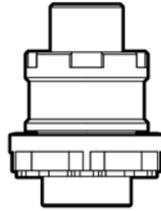
G



CNC SRD™ Transfer Case Housing x 1
#BRLC7047 (LT)

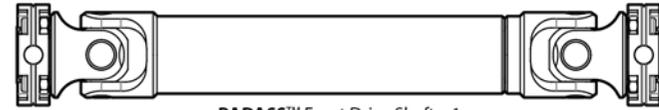
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#BRXT5DU



Dually Adapter x 2

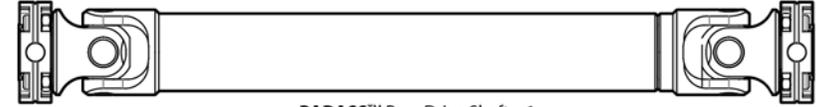
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BADASS™ Front Drive Shaft x 1
#BRBD955003C

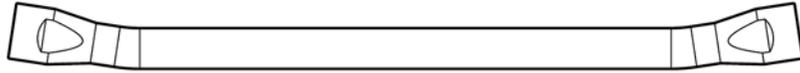


M3/2.2x12 SS x 4
#BRASST3022/DS

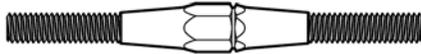


BADASS™ Rear Drive Shaft x 1
#BRBD955003B

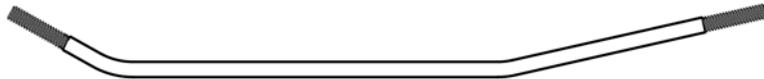
I



Stainless Steel Tie Rod x 1
#BRD9003 (LT)



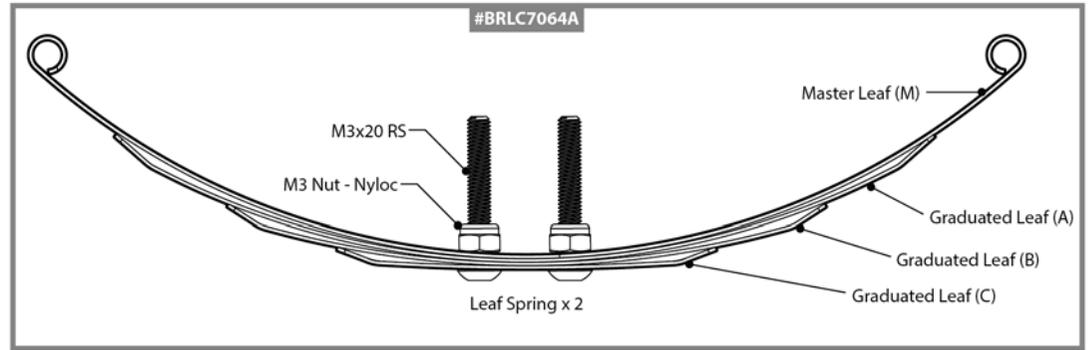
Stainless Steel Counter Threaded Link 55mm x 2
#BRLC7050 (LT)



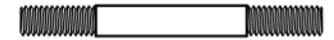
Stainless Steel Shift Rod x 1
#BRLC7051 (LT)

J

#BRLC7064 (LT)



CNC Stock Crossmember x 1
#BRLC7064B

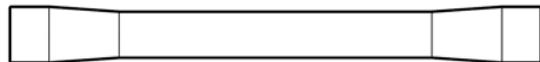


Stainless Steel M4x40 Anti-Wrap Bar x 2
#BRLC7064C

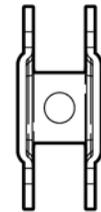
I



M4 Aluminum Link - 63mm x 2
#BRLC7063A



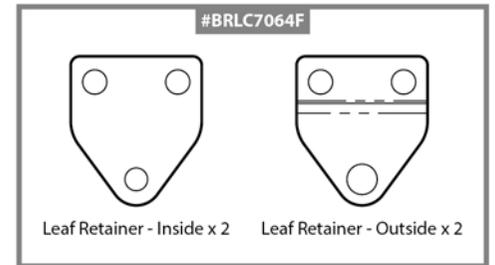
M4 High Clearance Stainless Steel Link - 70mm x 2
#BRLC7075-70BK



Shackle x 2
#BRLC7064D



Leaf Spring Channel x 2
#BRLC7064G

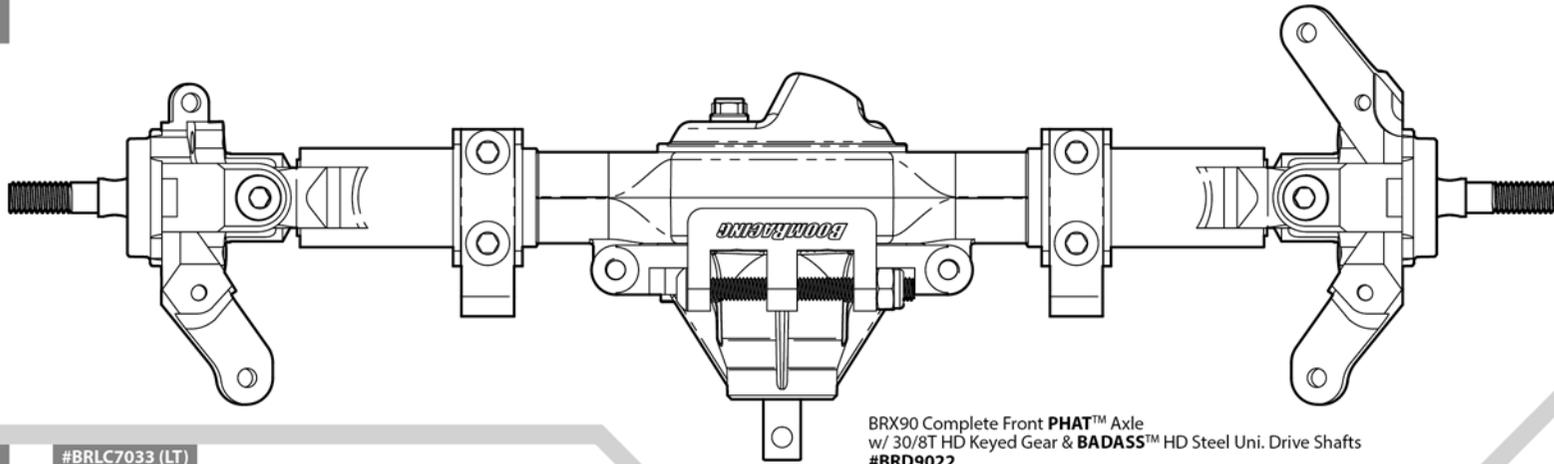


#BRLC7064F

Leaf Retainer - Inside x 2

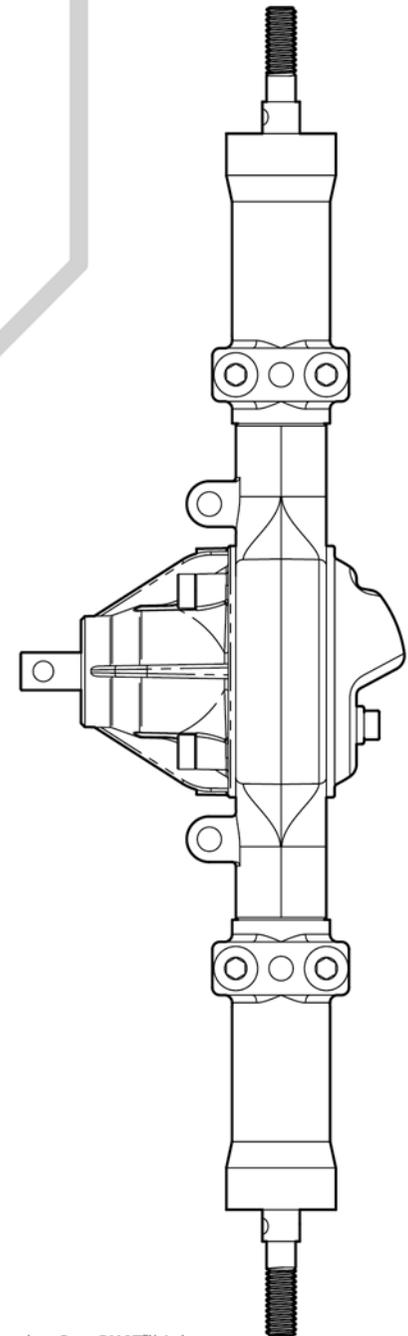
Leaf Retainer - Outside x 2

K



BRX90 Complete Front PHAT™ Axle
w/ 30/8T HD Keyed Gear & BADASS™ HD Steel Uni. Drive Shafts
#BRD9022

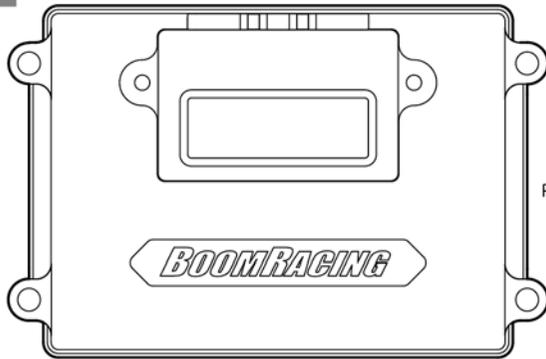
M



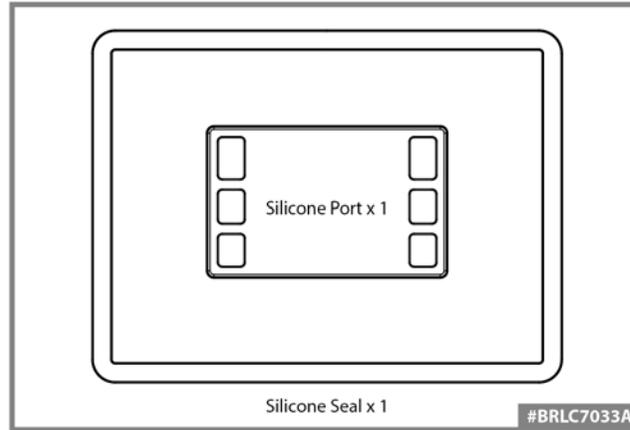
BRX70 Complete Rear PHAT™ Axle
w/ Reversed 30/8T HD Keyed Gear & BADASS™ HD Steel Shaft
#BRLC7023

L

#BRLC7033 (LT)



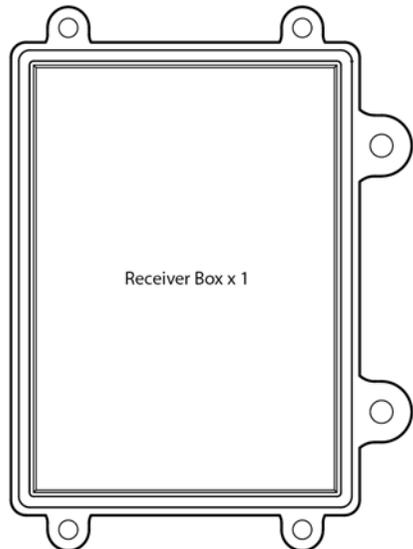
Receiver Box Lid x 1



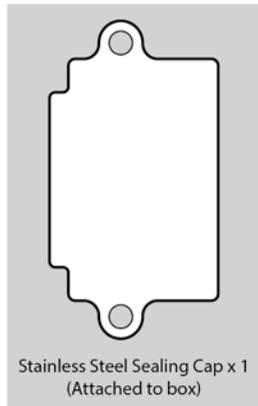
Silicone Port x 1

Silicone Seal x 1

#BRLC7033A



Receiver Box x 1



Stainless Steel Sealing Cap x 1
(Attached to box)

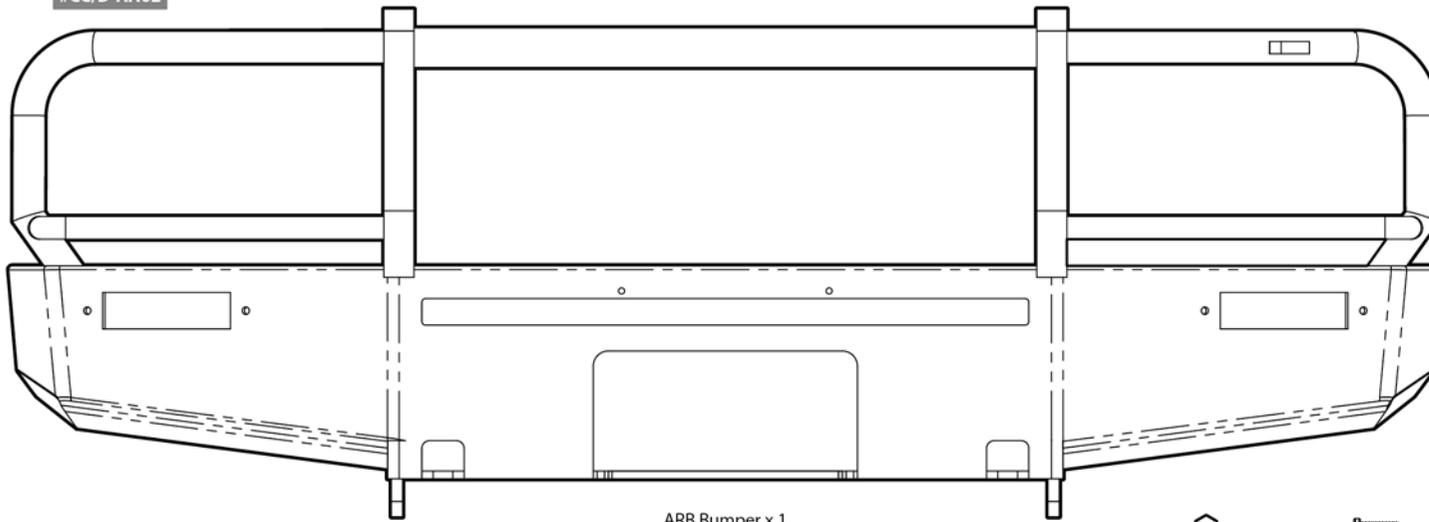
L



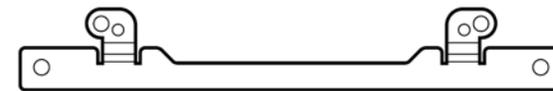
Rear Body Mount x 1
#BRLC7048B

N

#CC/D-AA02



ARB Bumper x 1



IPF Light Mount x 1



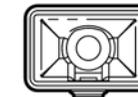
Fog Light Housing x 2



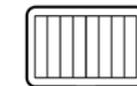
Fog Light Diffuser x 2



M2 Nut x 2



IPF Light Housing x 2



IPF Light Diffuser x 2



M1 Nut x 4



M1.5x5 Phillips Screw x 2



M1x6 Phillips Screw x 4

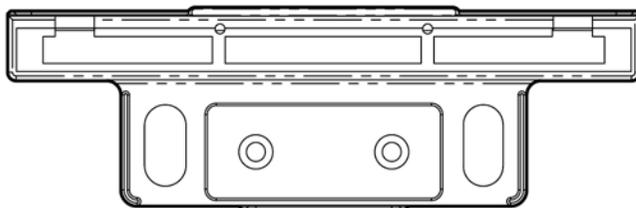


M2x6 RS x 2



IPF Light Cover x 2

3D-Printed Parts



Bumper Insert x 1



M2.5x6 Self Tapping x 2
#BRASBH2506/ST



M3x8 RS x 4
#BRASBH3008



Grille x 1

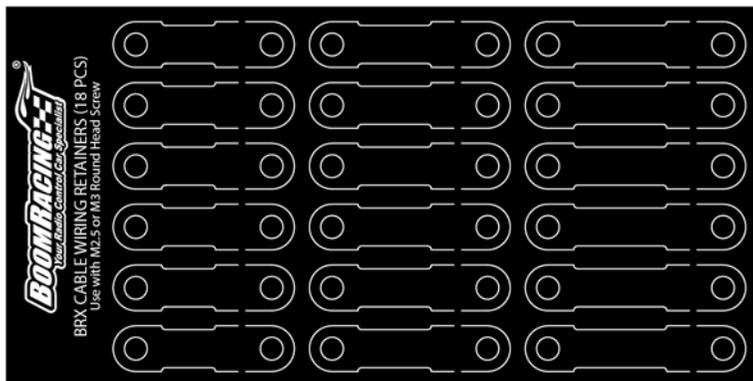


Front License Plate x 1



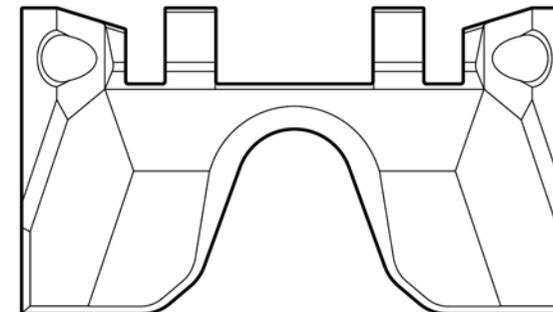
Rear License Plate x 1

N



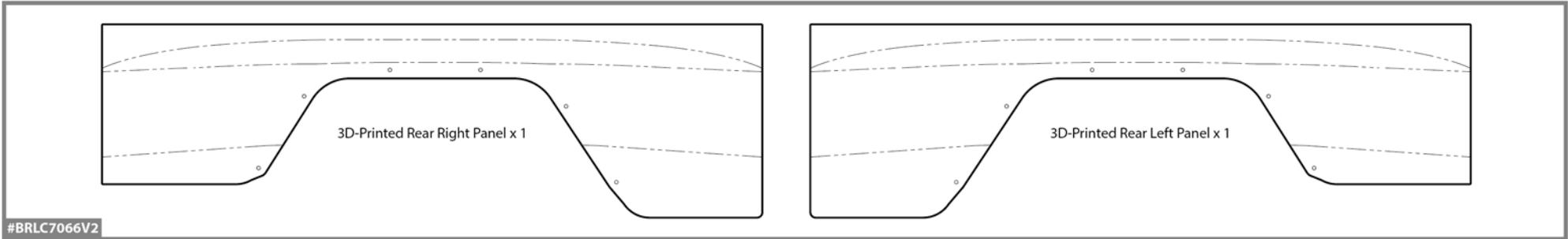
Cable Wiring Retainer - 18 pieces
(Use M2.5 or M3 Round Head Bolts)
#BRT10037

O

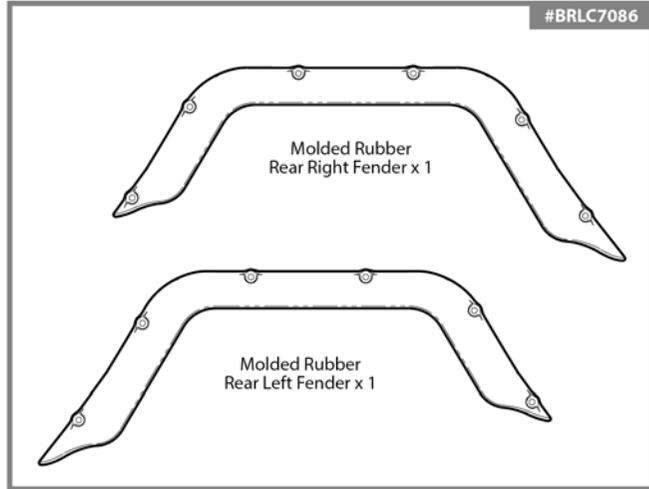
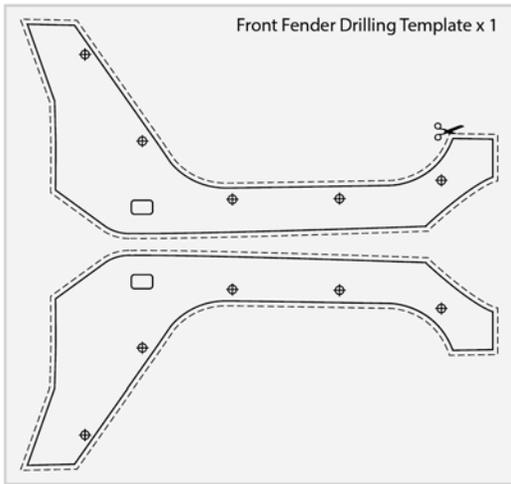


3D-Printed Center Rear Skid Slider x 1
#BRLC7072

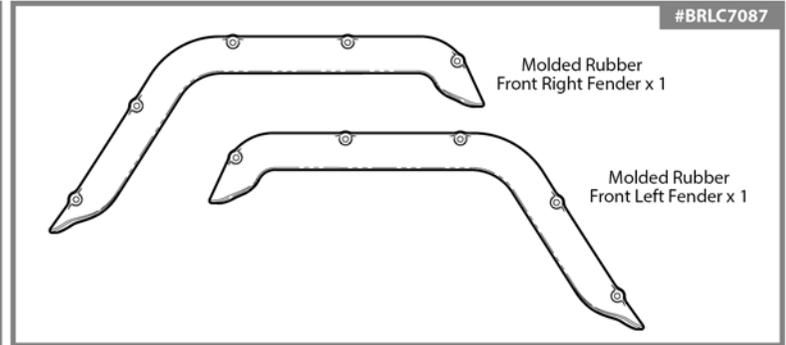
P



#BRLC7066V2

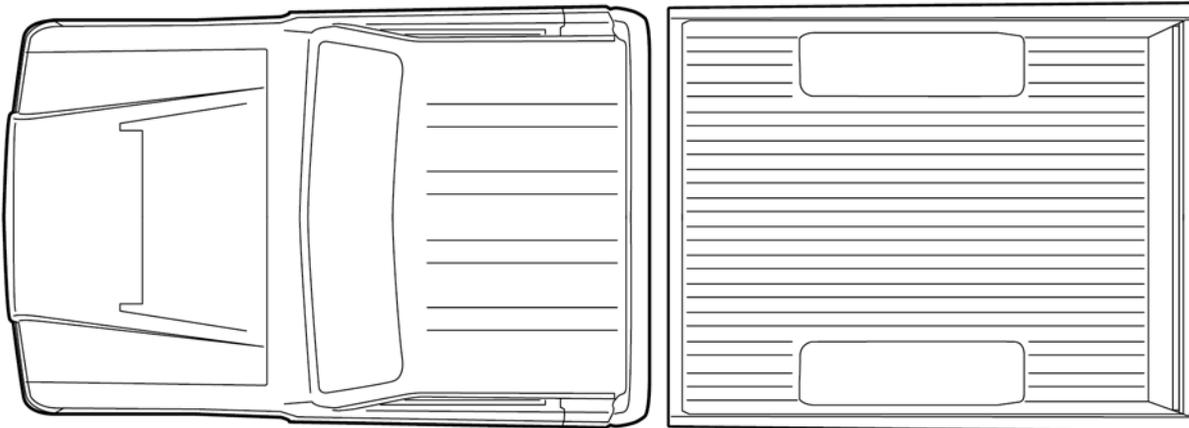


#BRLC7086



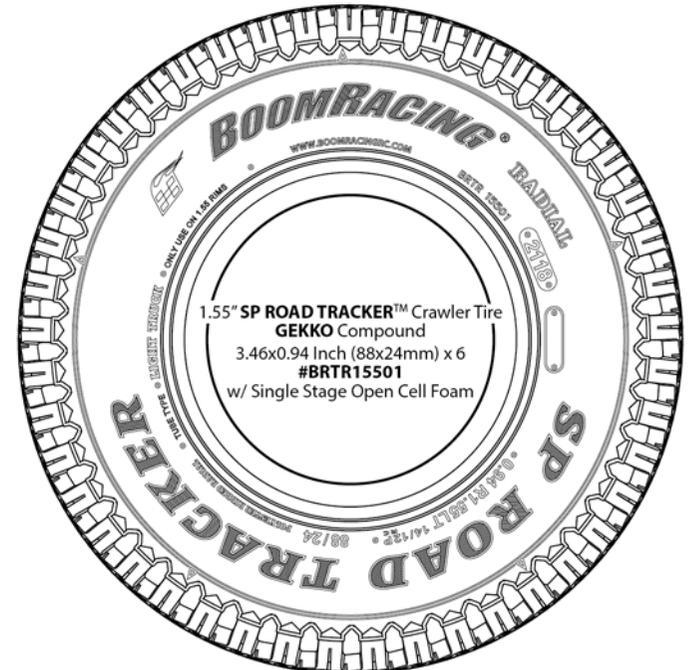
#BRLC7087

Q



LC70 Hard Body x 1

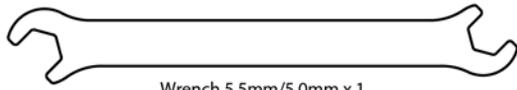
R



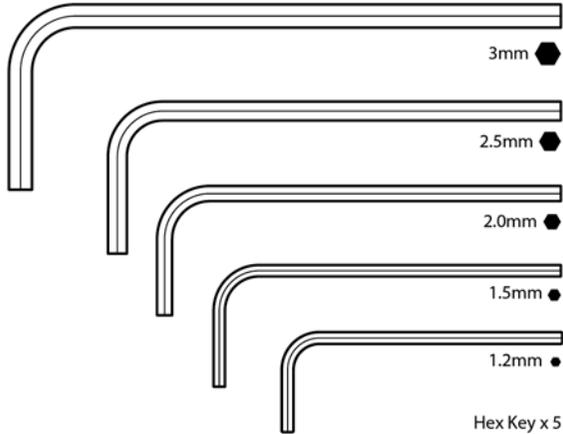
1.55" SP ROAD TRACKER™ Crawler Tire
GEKKO Compound
3.46x0.94 Inch (88x24mm) x 6
#BRTR15501
w/ Single Stage Open Cell Foam

#BRT10028

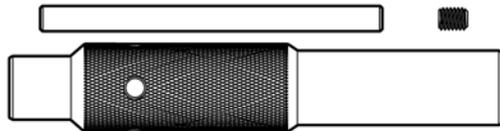
D



Wrench 5.5mm/5.0mm x 1



3mm
2.5mm
2.0mm
1.5mm
1.2mm
Hex Key x 5



Socket 5.5mm/7mm

D



Shock Slime 5g x 1
#BRGRS09-5GB

B



Battery Strap x 2 #BRGRS10

D



10 x 1.5cm Double Side Tape x 1



F



Extension Cable x 2
#BRLC7059

S



Black Graphite Grease 5g x 2
#BRGRS08



SW Siliking Grease 5g x 1
#BRGRS01



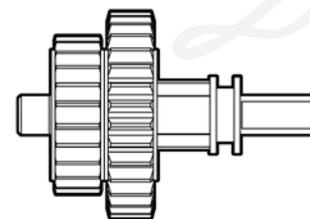
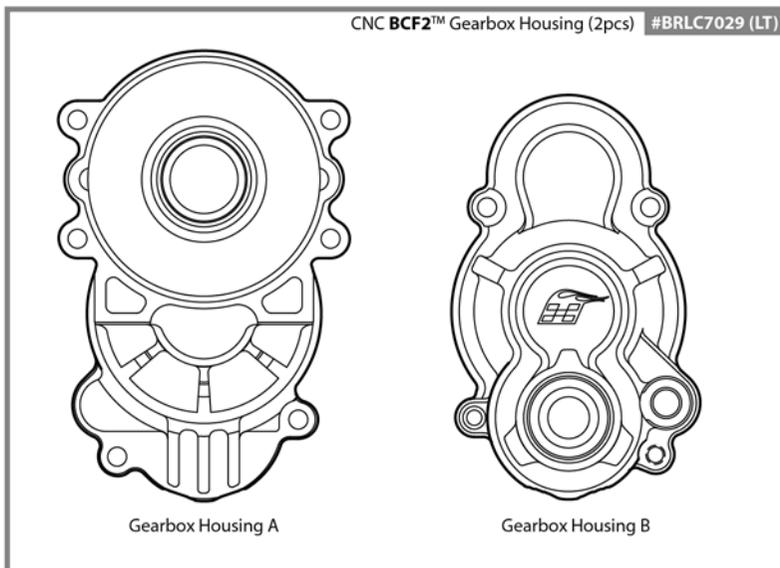
242 Thread Lock 2g x 1
(Available separately in 10g)
#BRGRS242



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

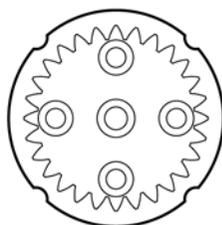
1- GEARBOX

Parts Needed:



2-Speed Gear Unit x 1
#BRLC7044E

15 GEARS, SHAFTS & BEARINGS - GEARBOX



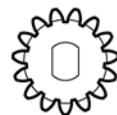
Internal Spur Gear 28T x 1
#BRLC7031



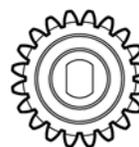
Spur Gear Mount x 1
#BRLC7030



Spur Gear 12T x 1
#BRLC7029-12T



Spur Gear 15T x 1
#BRLC7029-15T



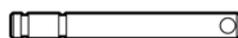
Spur Gear 20T x 2
#BRLC7029-20T



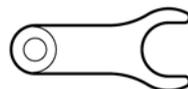
D5x11x4 Ball Bearing x 7
#BBZMR115RS



D7x11x3 Ball Bearing x 1
#BBZMR1172RS



Shift Shaft x 1
#BRLC7045C



Shifter x 1
#BRLC7045B



Input Shaft x 1
#BRLC7044



Output Shaft x 1
#BRLC7044



Bearing Holder x 1
#BRLC7029 (LT)

GEARBOX

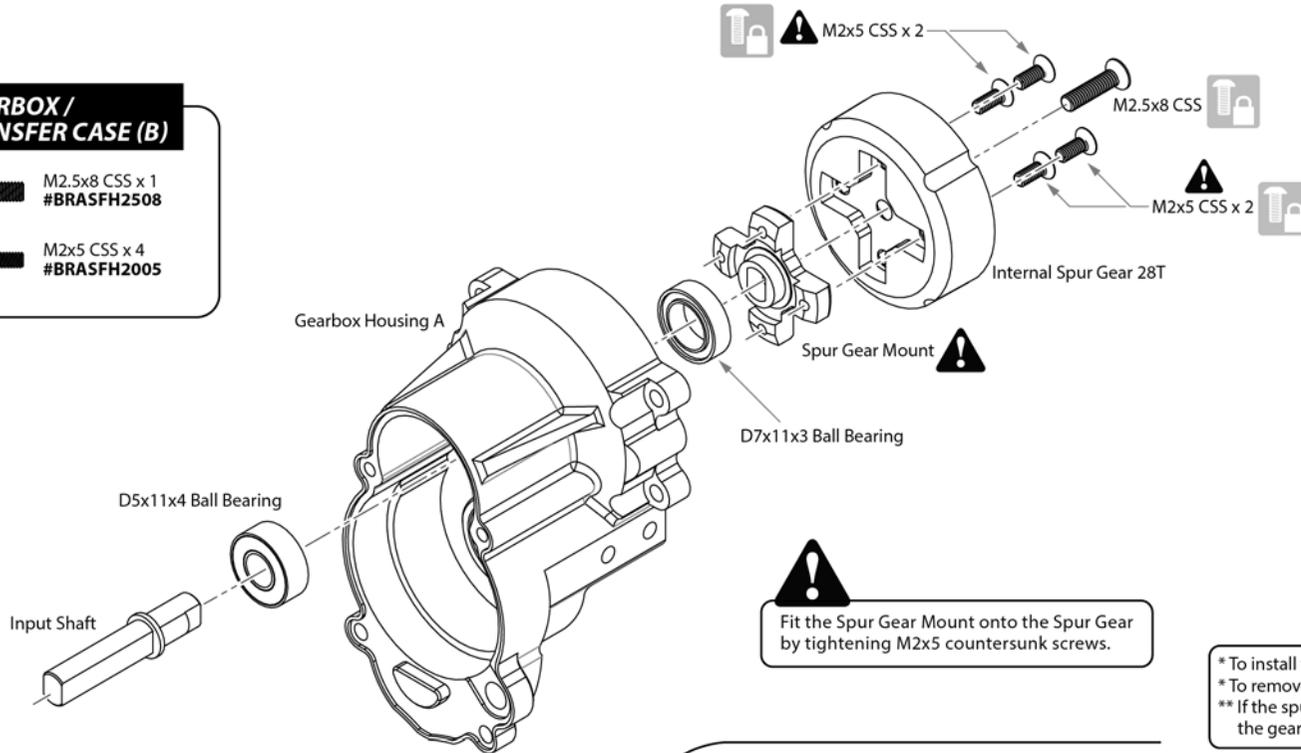
GEARBOX

1.1

4 GEARBOX / TRANSFER CASE (B)

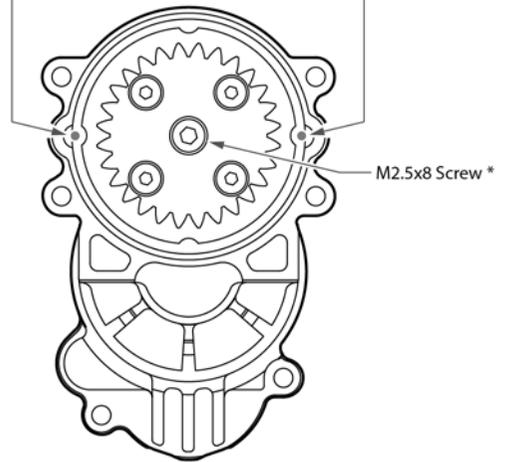
M2.5x8 CSS x 1
#BRASFH2508

M2x5 CSS x 4
#BRASFH2005



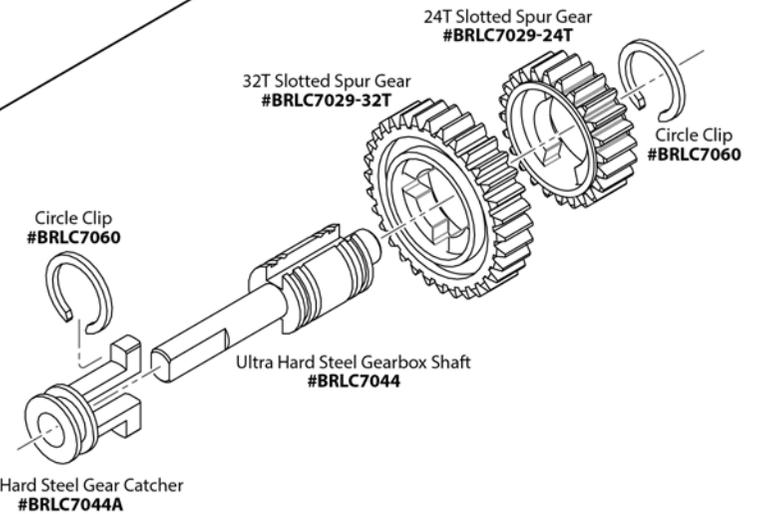
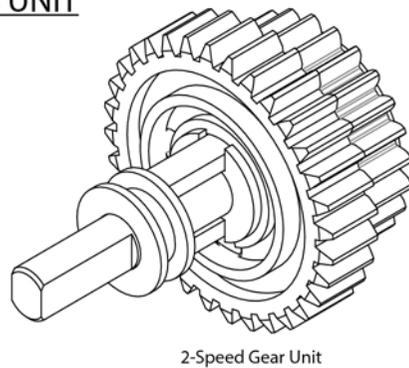
Fit the Spur Gear Mount onto the Spur Gear by tightening M2x5 countersunk screws.

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.

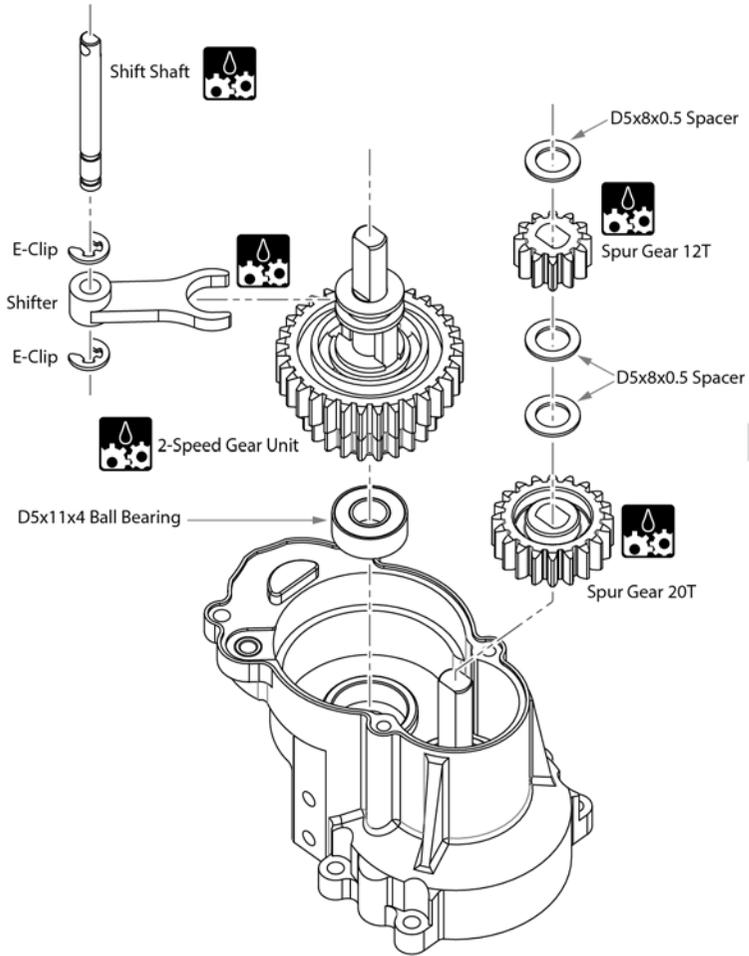
PRE-ASSEMBLED 2-SPEED GEAR UNIT



1.2

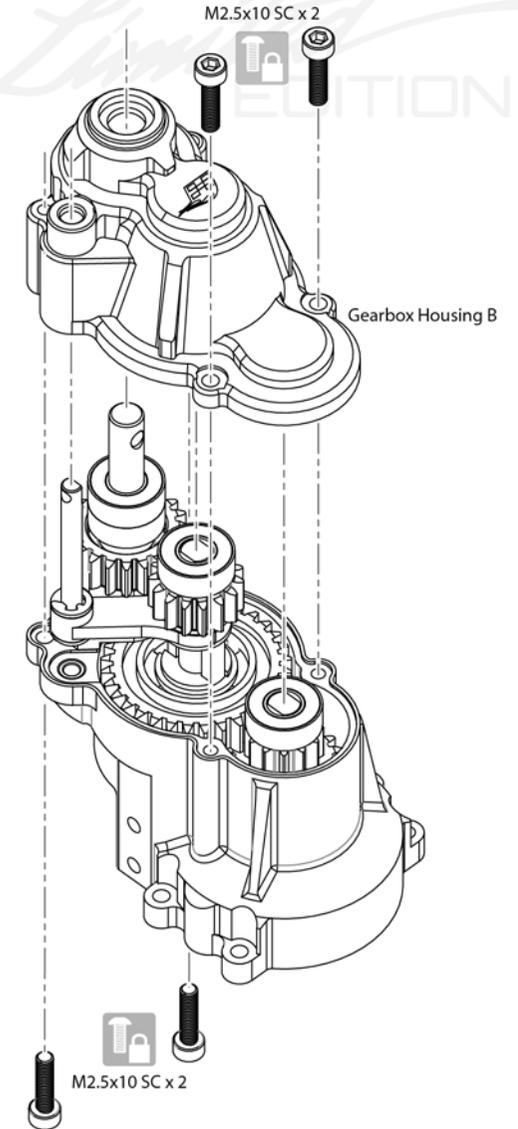
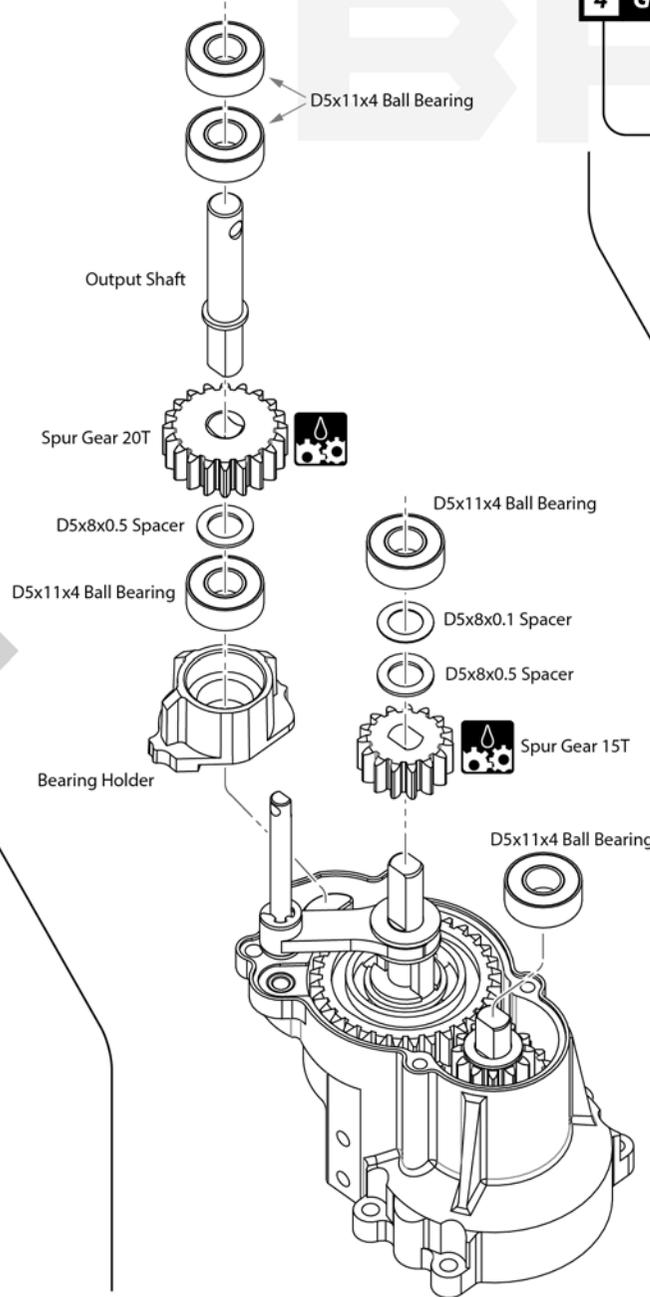
4 GEARBOX / TRANSFER CASE (B)

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



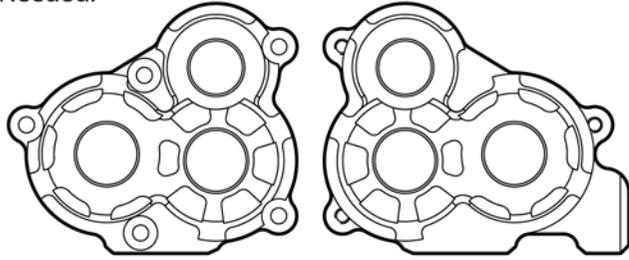
4 GEARBOX / TRANSFER CASE (B)

-  M2.5x10 SC x 4 #BRASCH2510



2 - TRANSFER CASE

Parts Needed:



CNC SRD™ Transfer Case Housing
#BRLC7047 (LT)

4 GEARBOX / TRANSFER CASE (B)



M2x8 SC x 5
#BRASFCH2008

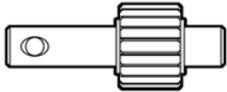


D2x10 Pin x 2
#BRASPIN210

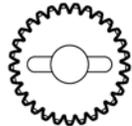


D5x8x0.5 Spacer x 4
#BRASSPD5805

14 GEARS, SHAFTS & BEARINGS - TRANSFER CASE



Input Shaft w/ 20T Spur Gear x1
#BRLC7046-A



29T Spur Gear x2
#BRLC7046-B



Two Ends Output Shaft x1
#BRLC7046-C



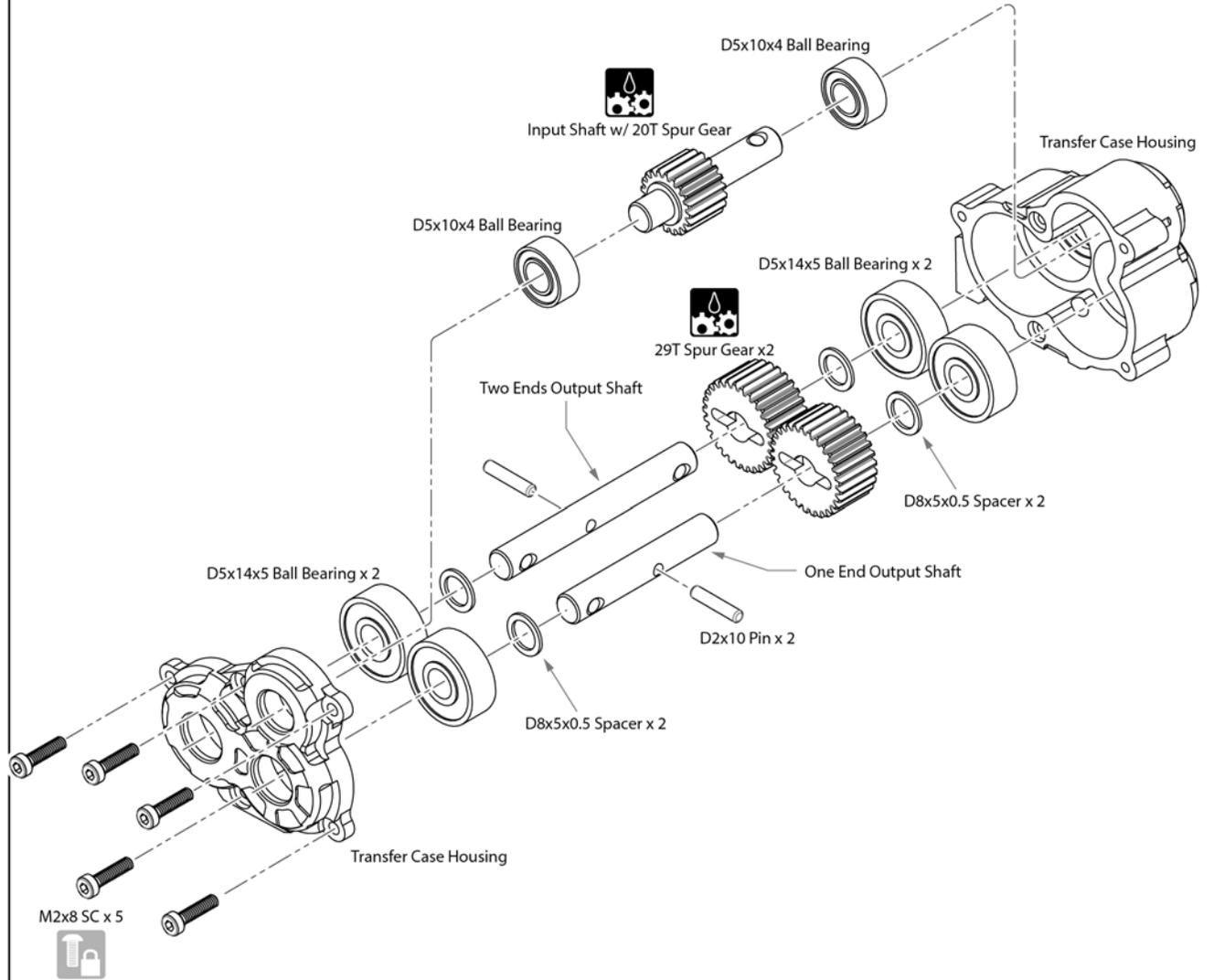
One End Output Shaft x1
#BRLC7046-D



D5x10x4 Ball Bearing x 2
#BBZMR1052RS



D5x14x5 Ball Bearing x 4
#BBZ6052RS

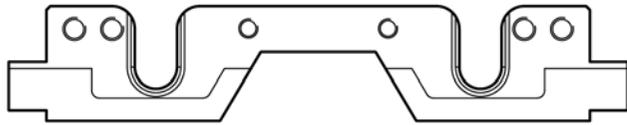
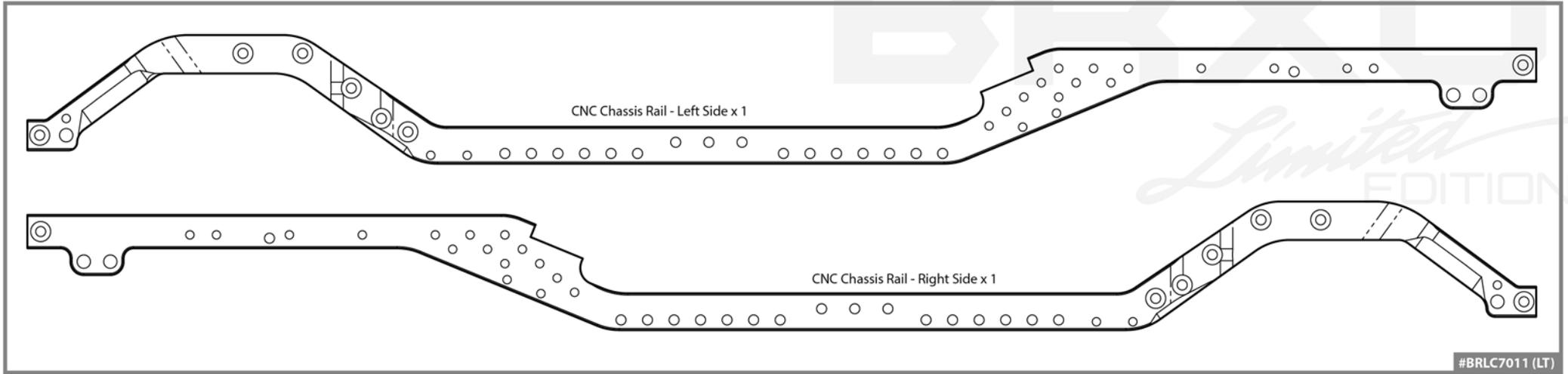


TRANSFER CASE

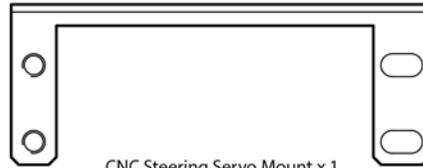
TRANSFER CASE

3 - CHASSIS

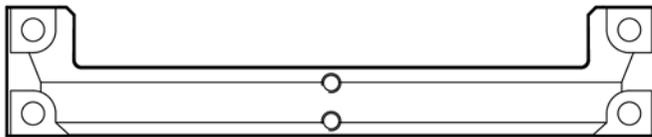
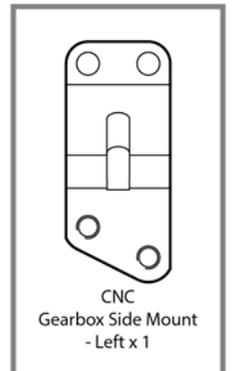
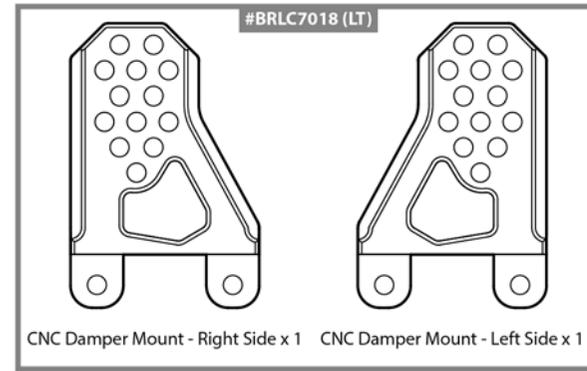
Parts Needed:



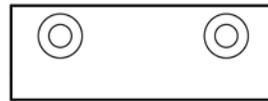
CNC Front Crossmember x 1
#BRLC7015



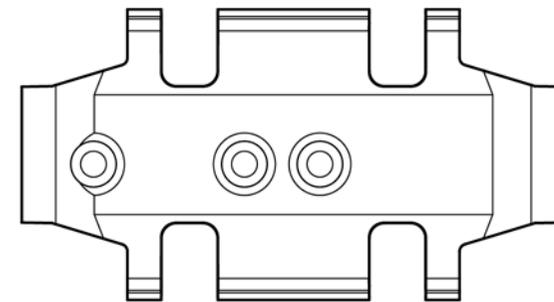
CNC Steering Servo Mount x 1
#BRLC7016



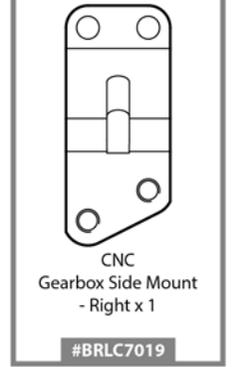
CNC Middle Crossmember x 1
#BRLC7014 (LT)



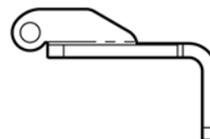
CNC Body Hinge Mount x 1
#BRLC7013



CNC High Clearance Skid Plate x 1
#BR302011



CNC Rear Crossmember x 1
#BRLC7012



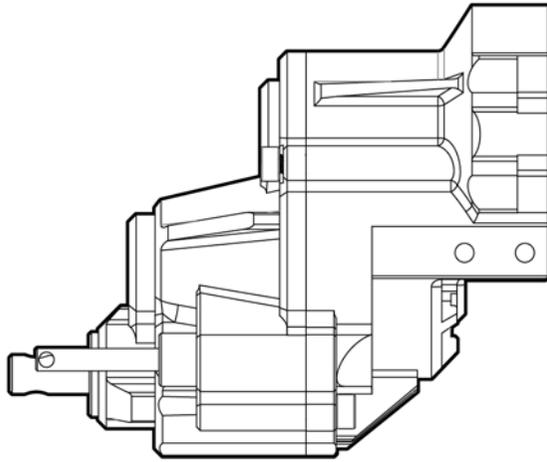
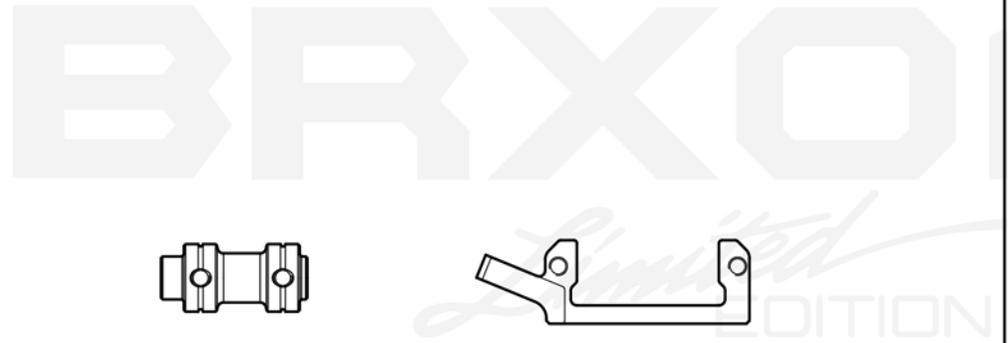
Gearbox End Mount x 1
#BRLC7063B

CHASSIS

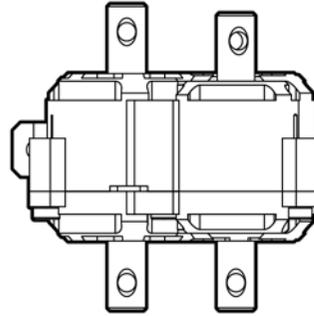
CHASSIS

4 - TRANSMISSION

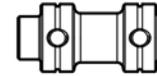
Parts Needed:



Completed CNC **BCF2™** Gearbox



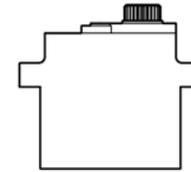
Completed CNC **SRD™** Transfer Case



Connection Shaft x 1
#**BRLC7028 (LT)**



CNC 2-Speed Servo Mount x 1
#**BRLC7009**



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

1 CHASSIS

-  M2.5x10 SC x 2
#**BRASCH2510**
-  M3/1.9x12 SS x 2
#**BRASST3019/DS**

12 SERVOS

-  M3x6 RS x 2
#**BRASBH3006**

2 GEARBOX / TRANSFER CASE (A)

-  M3x8 RS x 4
#**BRASBH3008**
-  M2.5x6 SC x 1
#**BRASCH2508**
-  M3x8 CSS x 1
#**BRASFH3008**
-  M3x12 CSS x 1
#**BRASFH3012**
-  M3/2.4x12 SS x 2
#**BRASST3024/DS**
-  D8x1.5 O-Ring x 1
#**BRASORD8-15**

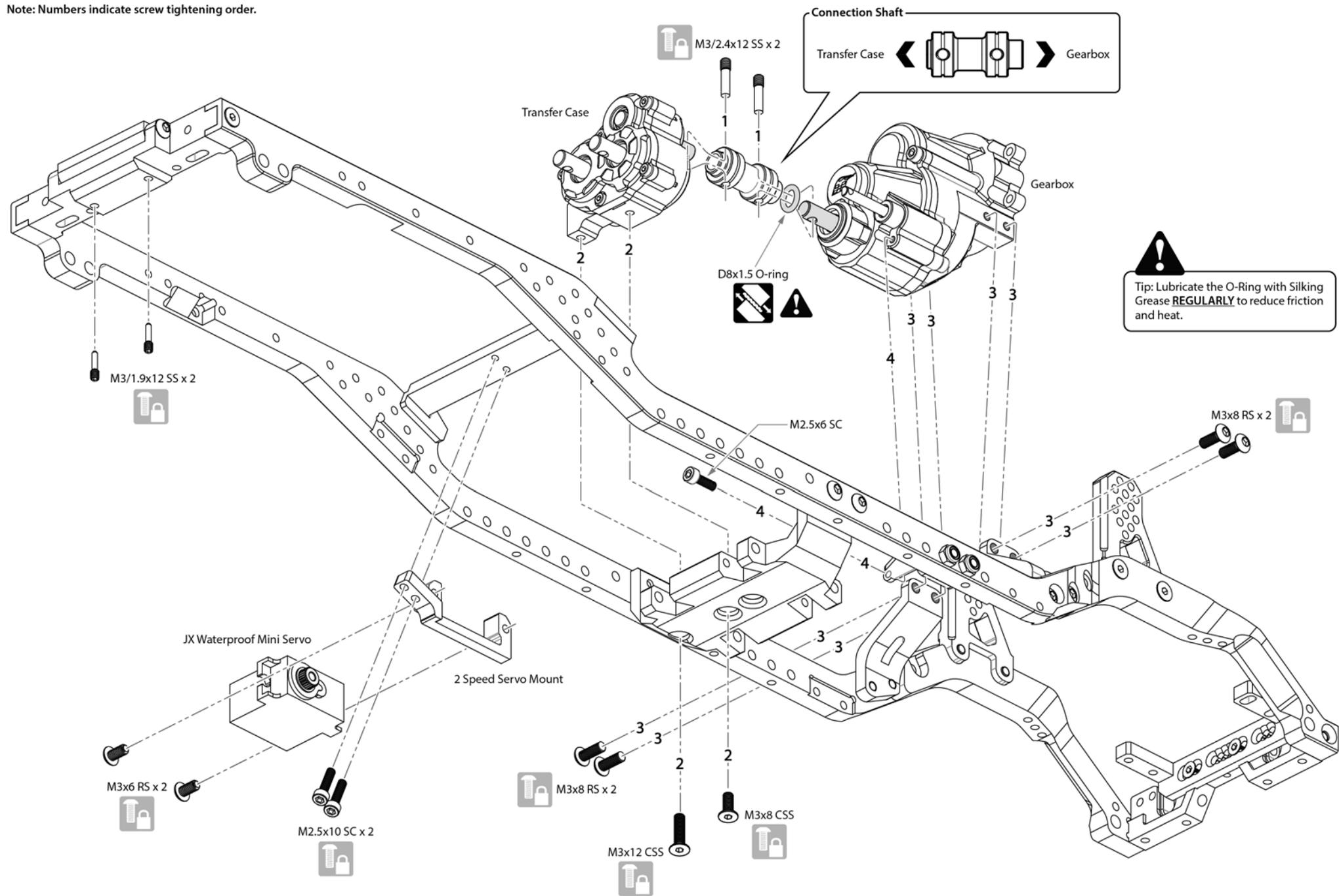
JX Waterproof High Voltage Mini Servo Specs:

| | |
|----------------------|---|
| 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 |

TRANSMISSION

TRANSMISSION

Note: Numbers indicate screw tightening order.



TRANSMISSION

TRANSMISSION

5 - UPPER & LOWER LINKS

Parts Needed:



M4 Aluminum Front Upper Link - 63mm x 2
#BRLC7063A



M4 Stainless Steel Front Lower Link - 70mm x 2
#BRLC7075-70BK

3 LINKS / SHOCKS



M4x16 SS x 8
#BRASST4016

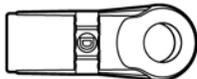


D4x7x1
Nylon Spacer x 2
#BRASSPD471/N

10 ROD ENDS



KUDU™
Nylon Rod End (Straight) x 6
#BRW750306A

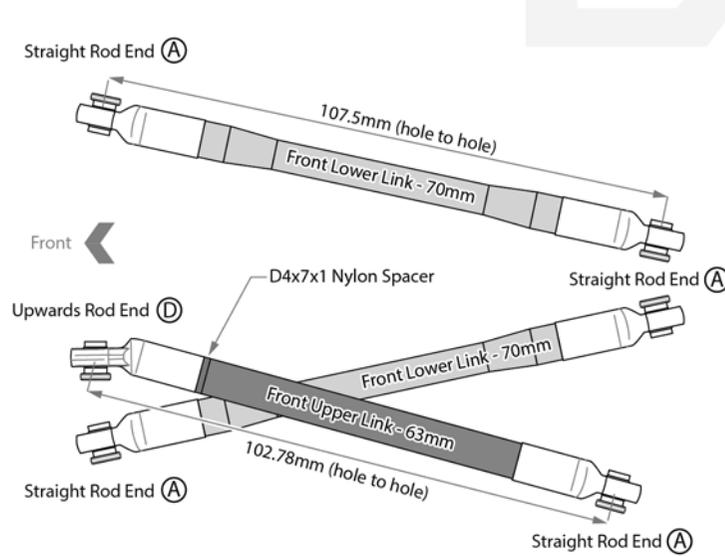


KUDU™
Nylon Rod End 20mm
(Upwards) x 2
#BRW750307D

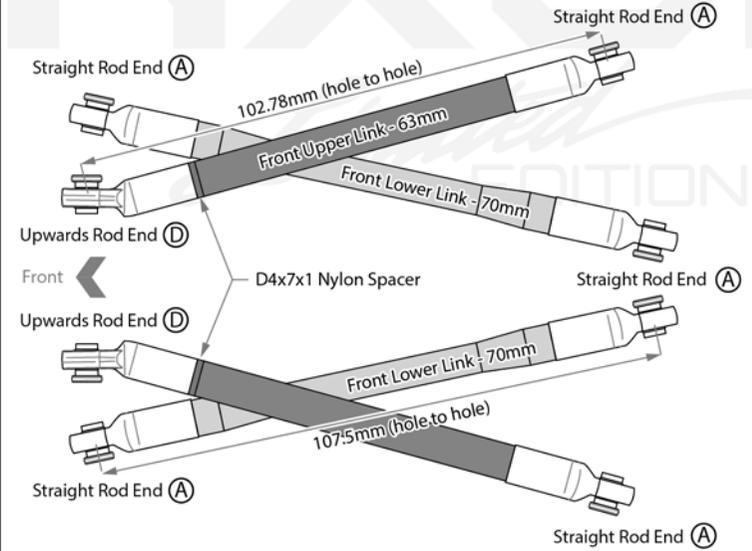


BADASS™
Stainless Steel Pivot Ball x 8
#BRW750300 (LT)

3-LINK SETUP

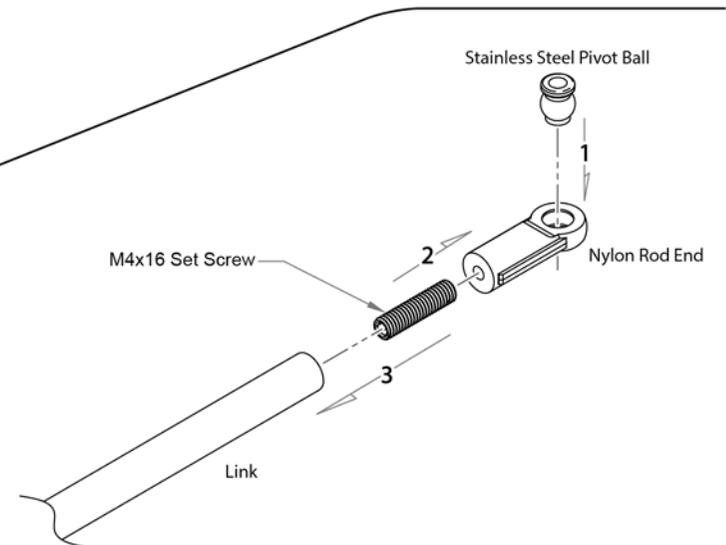


OPTIONAL 4-LINK SETUP

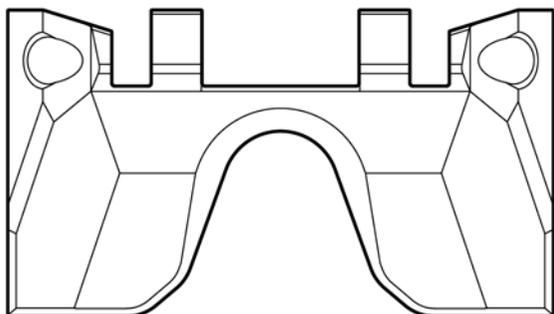


ROD END INSTALLATION

- Install the set screw into the rod end before inserting into the link.
- Repeat 14 times.
- Tip: Use a 2.0 Hex Driver to torque the set screw into the rod end.



Parts Needed:



3D-Printed Center Rear Skid Slider x 1
#BRLC7072

3 LINKS / SHOCKS

M3x18 RS x 1
#BRASBH3018

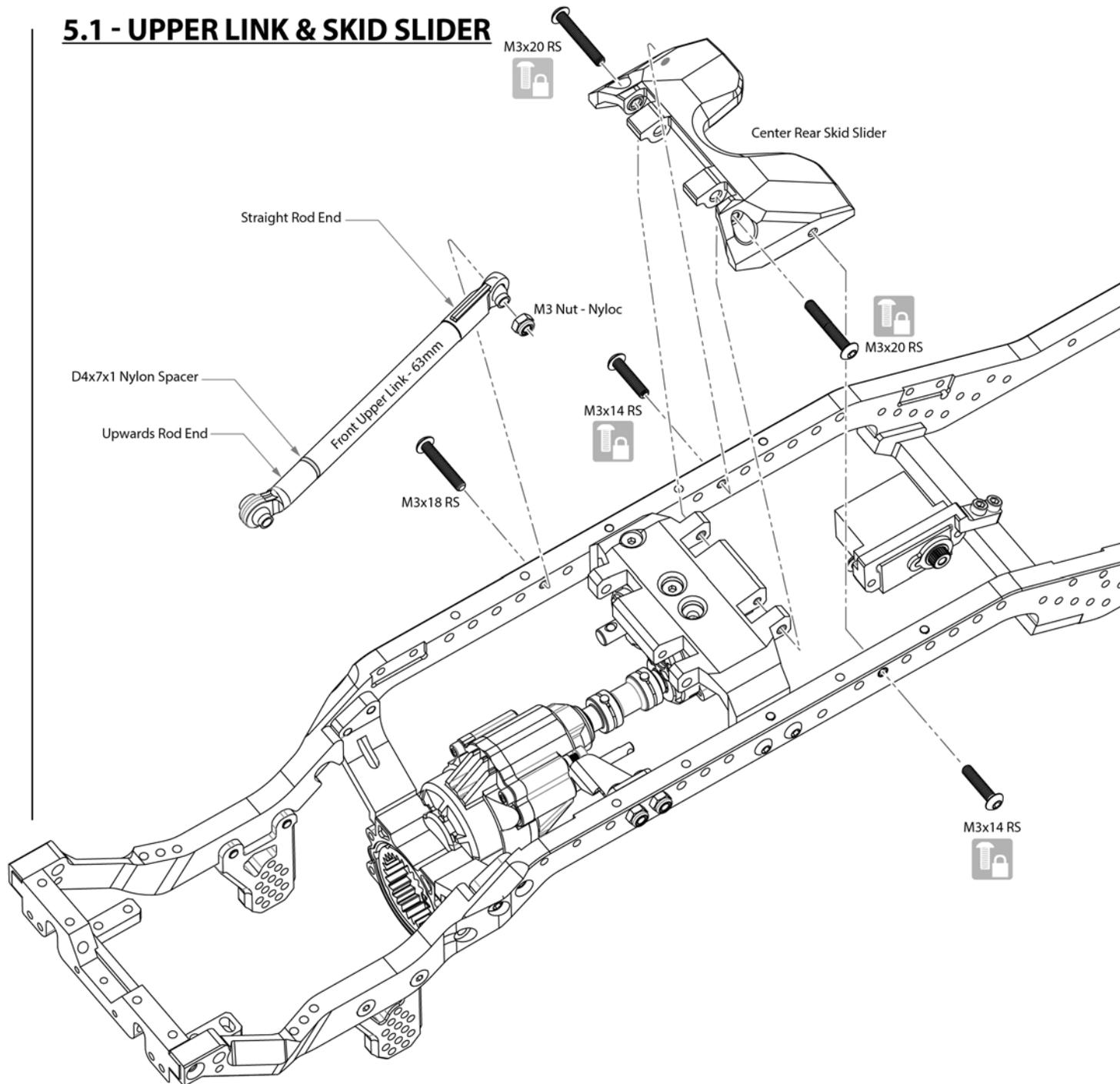
M3 Nut - Nyloc x 1
#BRASNUTM3

13 LEAF SPRINGS / SLIDER

M3x14 RS x 2
#BRASBH3014

M3x20 RS x 2
#BRASBH3020

5.1 - UPPER LINK & SKID SLIDER



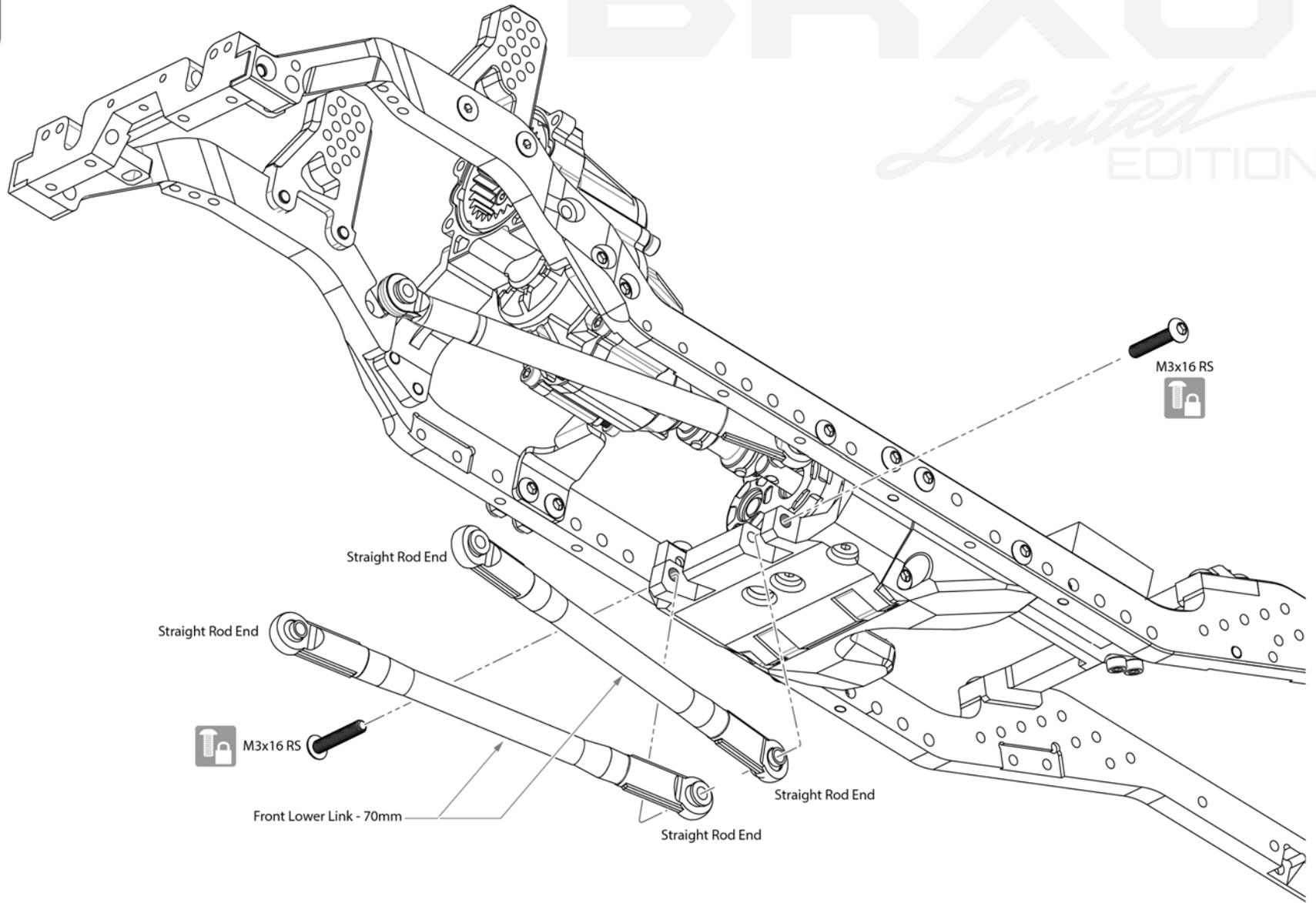
UPPER & LOWER LINKS

UPPER & LOWER LINKS

5.2 - LOWER LINKS

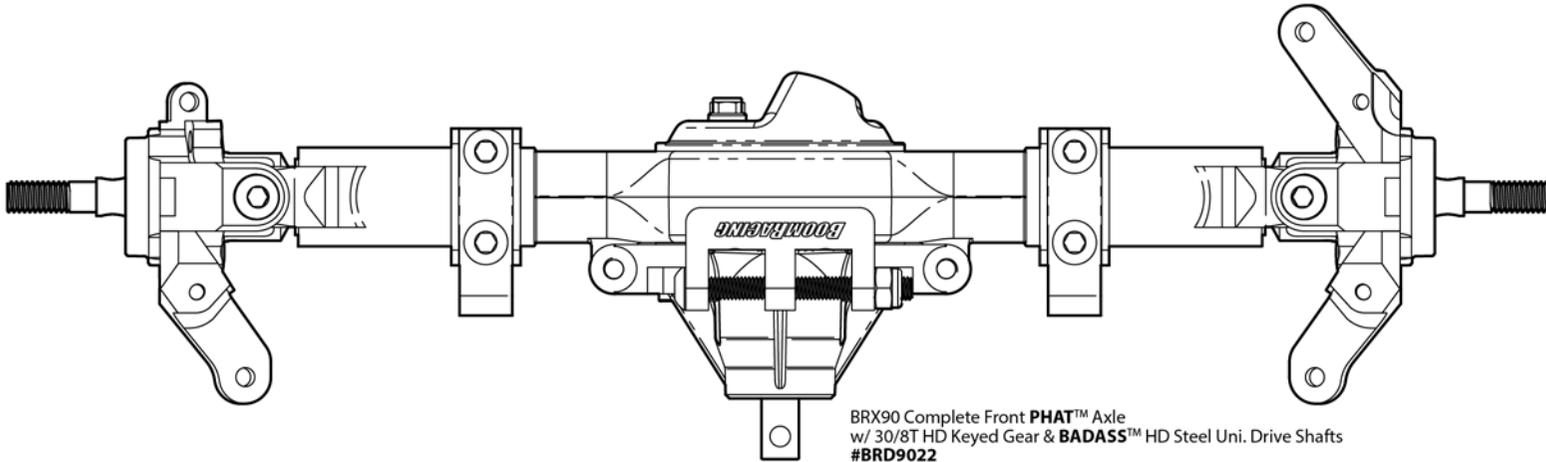
1 CHASSIS

M3x16 RS x2
#BRASBH3016

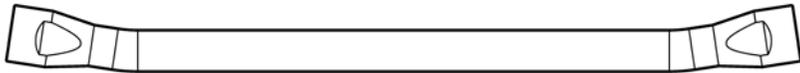


6 - FRONT AXLE & SHOCKS

Parts Needed:



BRX90 Complete Front PHAT™ Axle
w/ 30/8T HD Keyed Gear & BADASS™ HD Steel Uni. Drive Shafts
#BRD9022



Stainless Steel Tie Rod x 1
#BRD9003 (LT)



Stainless Steel Counter Threaded Link 55mm x 1
#BRLC7050 (LT)

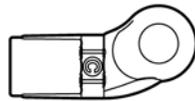


80mm Shock x 2
#BRLC7052F (LT)

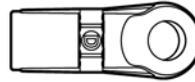
10 ROD ENDS



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



KUDU™
Nylon Rod End (Sideways) x 1
#BRW750308C



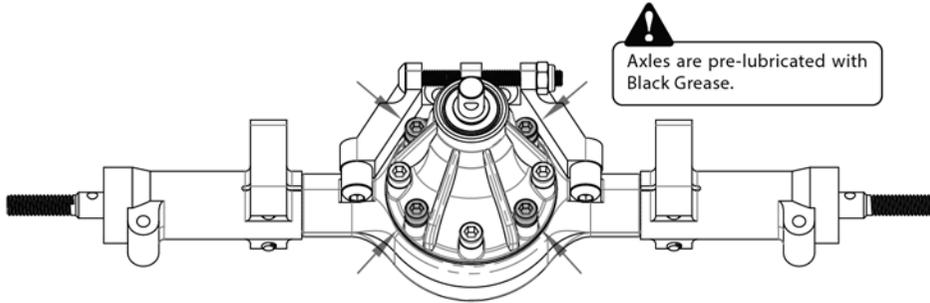
KUDU™
Nylon Rod End 20mm
(Upwards) x 1
#BRW750307D



BADASS™
Stainless Steel Pivot Ball x 4
#BRW750300 (LT)

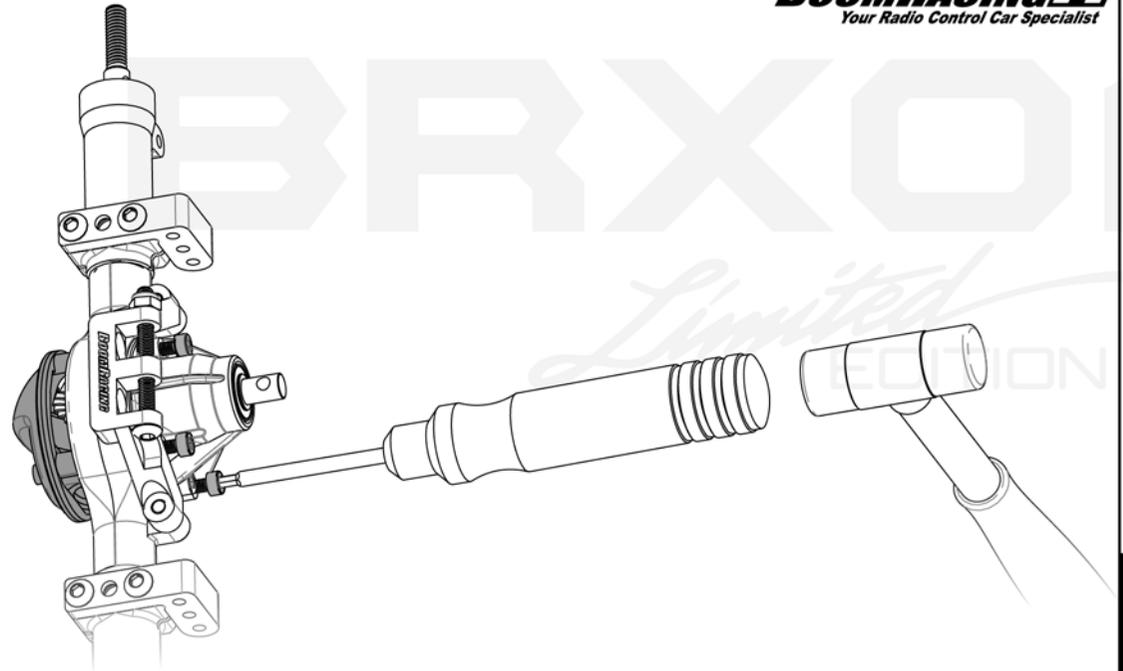
PRE-ASSEMBLED AXLE

Front Diff Cover Release Method In Case Assembly Is Tight.

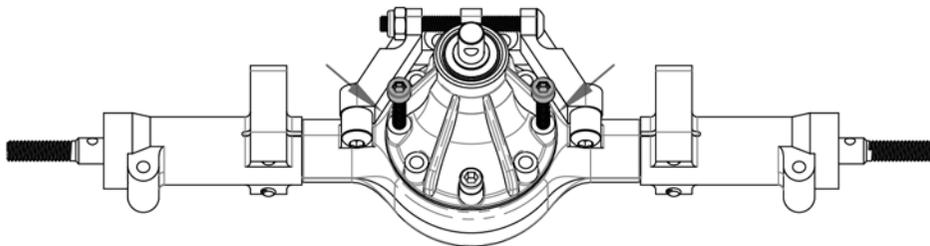


Step 1 - Loosen four M2.5x16mm socket screws indicated making the screw cap 3 mm apart from the case.

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



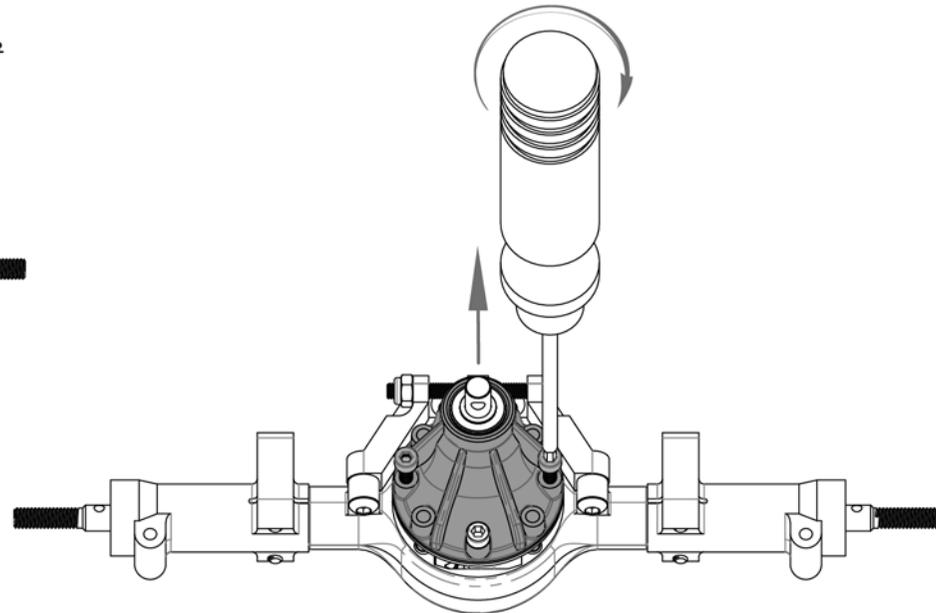
The Third Member Release Method When Assembly Is Tight.



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



6.1 - FRONT AXLE

3 LINKS / SHOCKS

M3x12 RS x 2
#BRASBH3012

D3x6x6
Tapper Spacer x 1
#BRLC7042 (LT)

M3x28 RS x 1
#BRASBH3028

M4x16 SS x 2
#BRASST4016

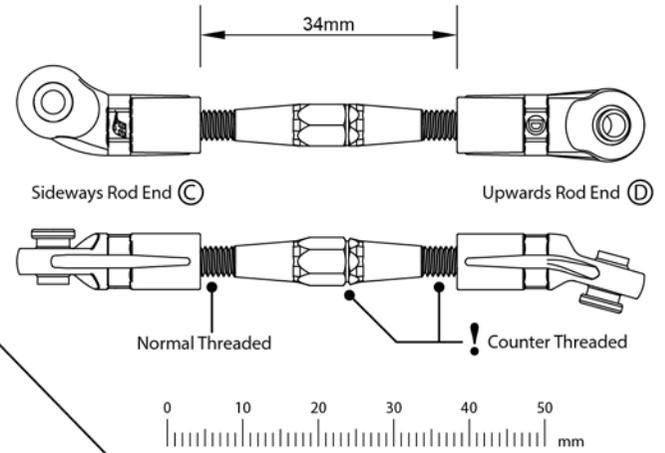
D4x7x2
Nylon Spacer x 2
#BRASSPD427/N

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

1
Remove the pre-installed M3 x 14 screw prior to attaching panhard rod.

PANHARD ROD

Scale Ratio 1:1



1
M3x28 RS

D3x6x6 Tapper Spacer

2
D6x1.5 O-Ring

2
O-ring prevents tie rod from wobbling.

Stainless Steel Pivot Ball

D4x7x2 Nylon Spacer

Straight Rod End (A)
M4x16 Set Screw

M3x12 RS

TIE ROD

2
D6x1.5 O-Ring

Stainless Steel Pivot Ball

Tie Rod

M4x16 Set Screw

D4x7x2 Nylon Spacer

Straight Rod End (A)

M3x12 RS



6.3 - PANHARD

3 LINKS / SHOCKS

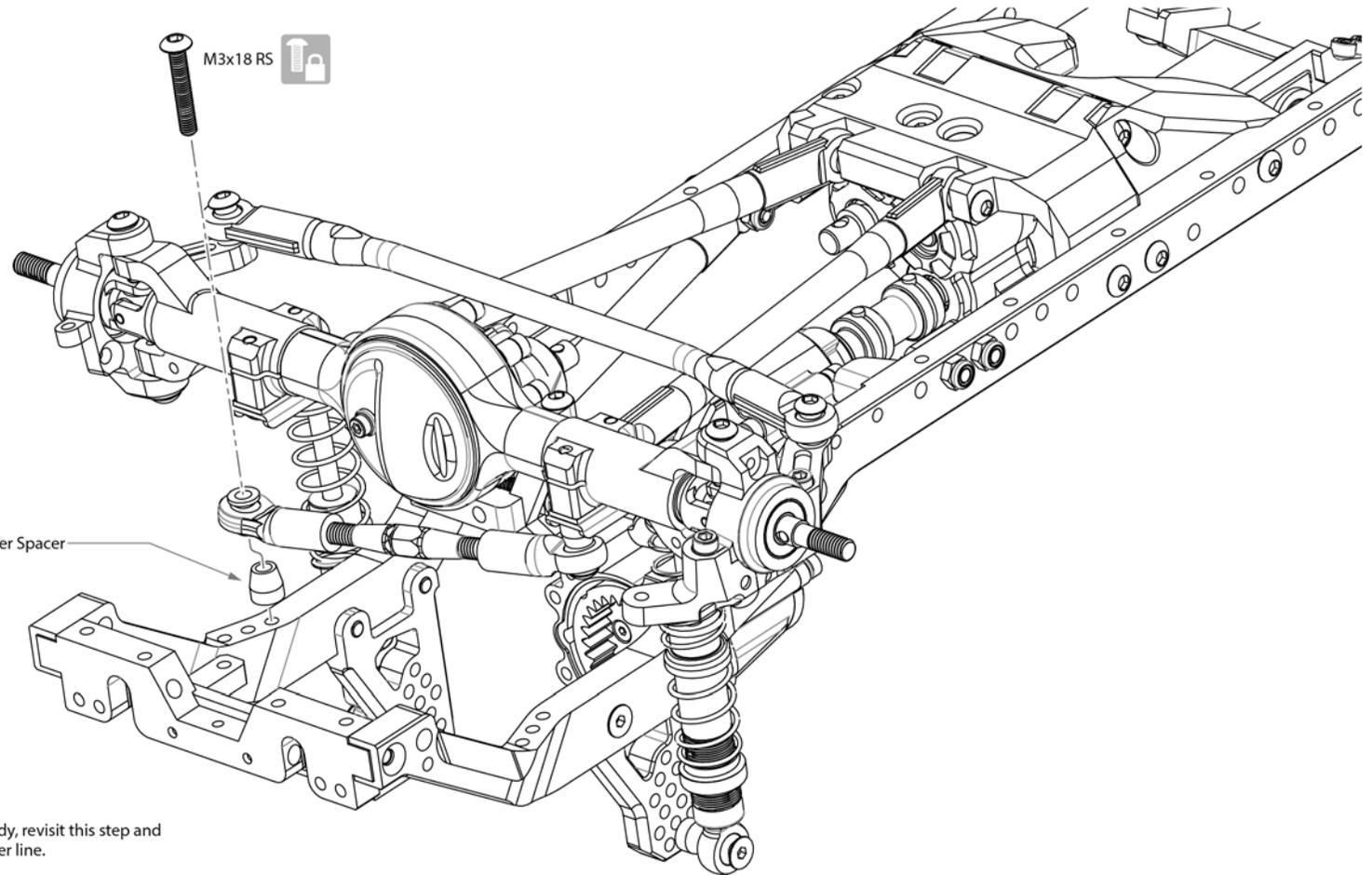


M3x18 RS x 1
#BRASBH3018



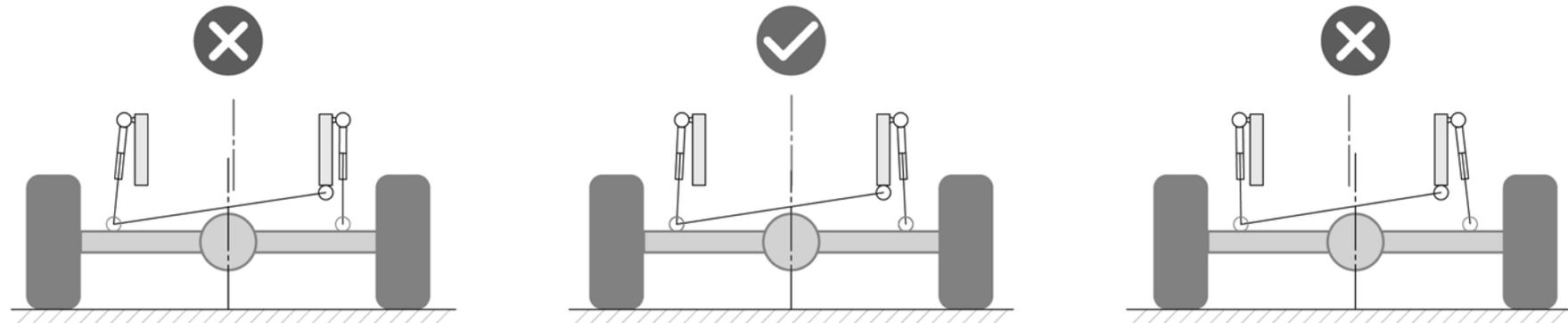
D3x6x6
Tapper Spacer x 1
#BRLC7042 (LT)

D3x6x6 Tapper Spacer



FRONT AXLE ALIGNMENT

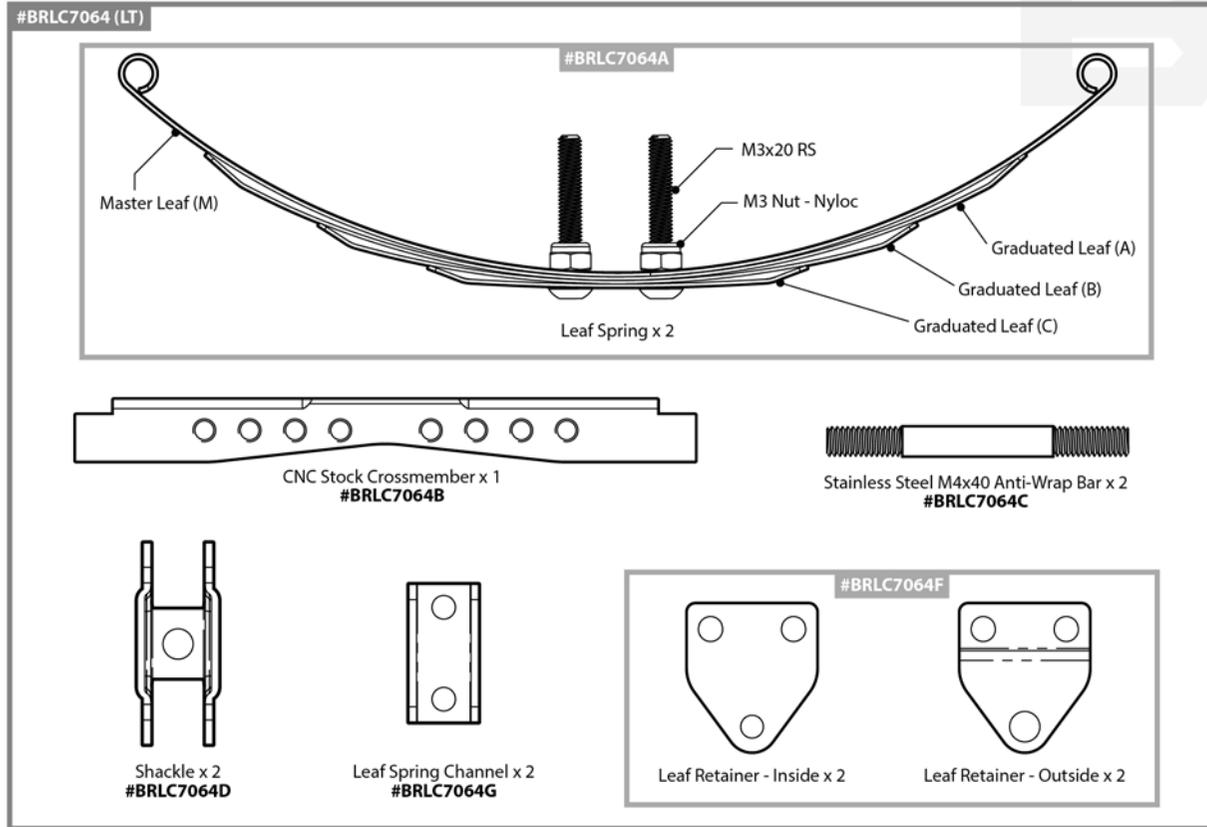
After all components are installed, including electronics, battery and body, revisit this step and fine tune panhard bar length so that the front axle is aligned at the center line.



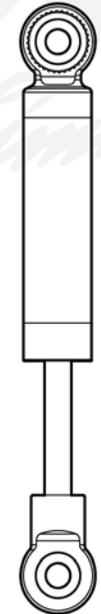
0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 mm

7 - LEAF SPRINGS & REAR AXLE

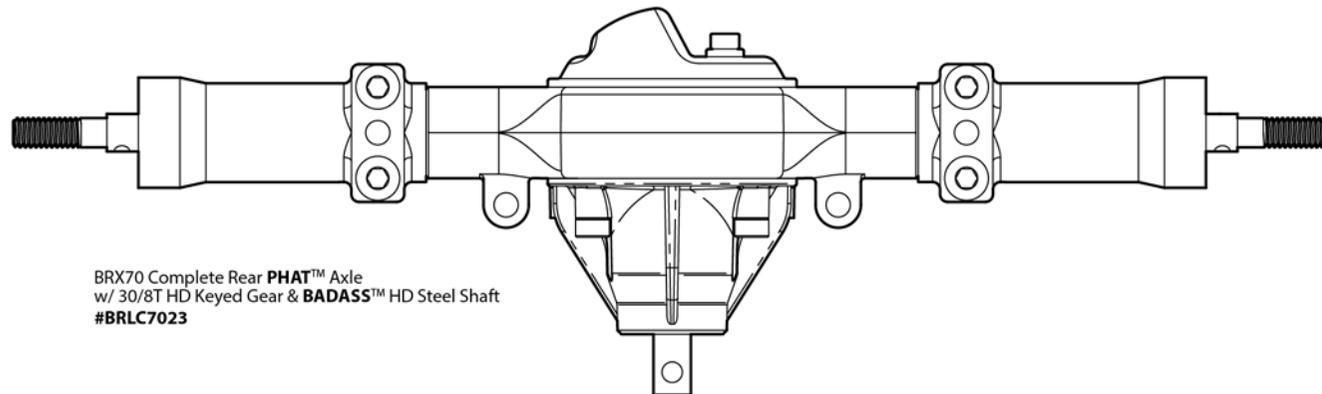
Parts Needed:



BRX01
Limited Edition

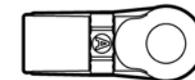


70mm Aluminum Absorber x 2
#BRSH700-2 (LT)

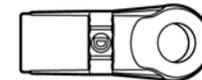


BRX70 Complete Rear PHAT™ Axle
w/ 30/8T HD Keyed Gear & BADASS™ HD Steel Shaft
#BRLC7023

10 ROD ENDS



KUDU™
Straight Nylon Rod End x 2
#BRW750306A



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



BADASS™
Stainless Steel Pivot Ball x 4
#BRW750300 (LT)

LEAF SPRINGS & REAR AXLE

LEAF SPRINGS & REAR AXLE

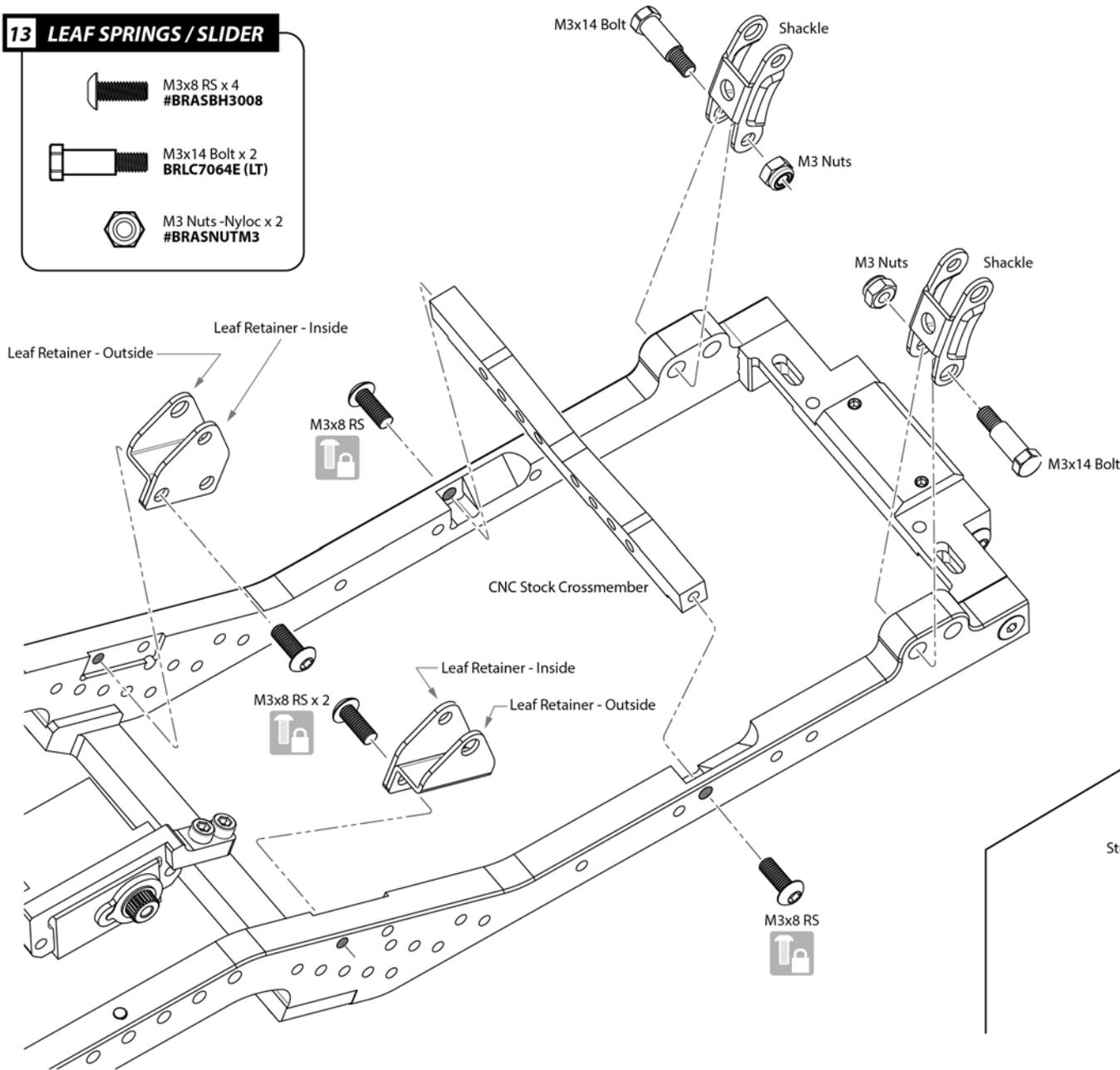
7.1 - LEAF SPRINGS

13 LEAF SPRINGS / SLIDER

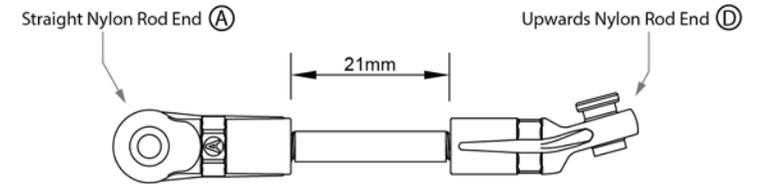
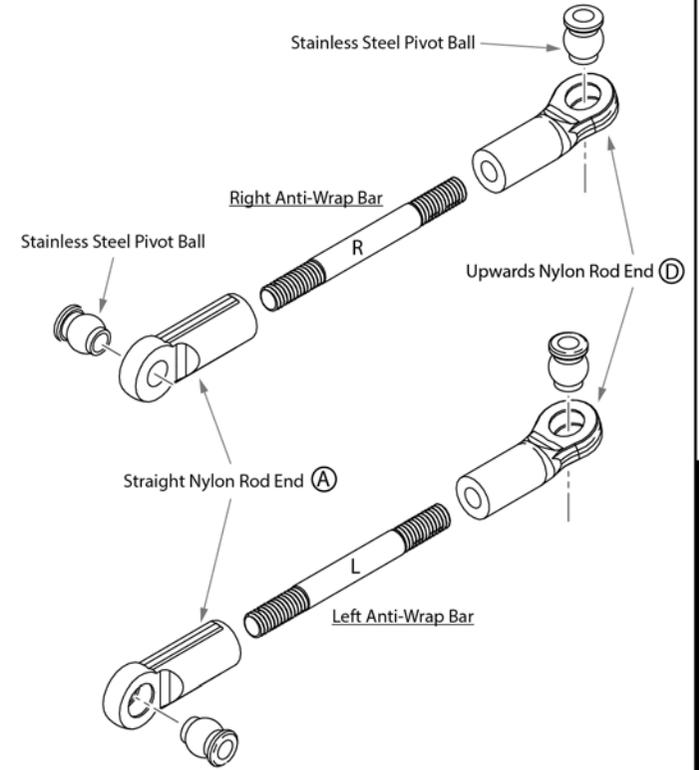
M3x8 RS x 4
#BRASBH3008

M3x14 Bolt x 2
BRLC7064E (LT)

M3 Nuts -Nyloc x 2
#BRASNUTM3



7.2 - ANTIWRAP BAR

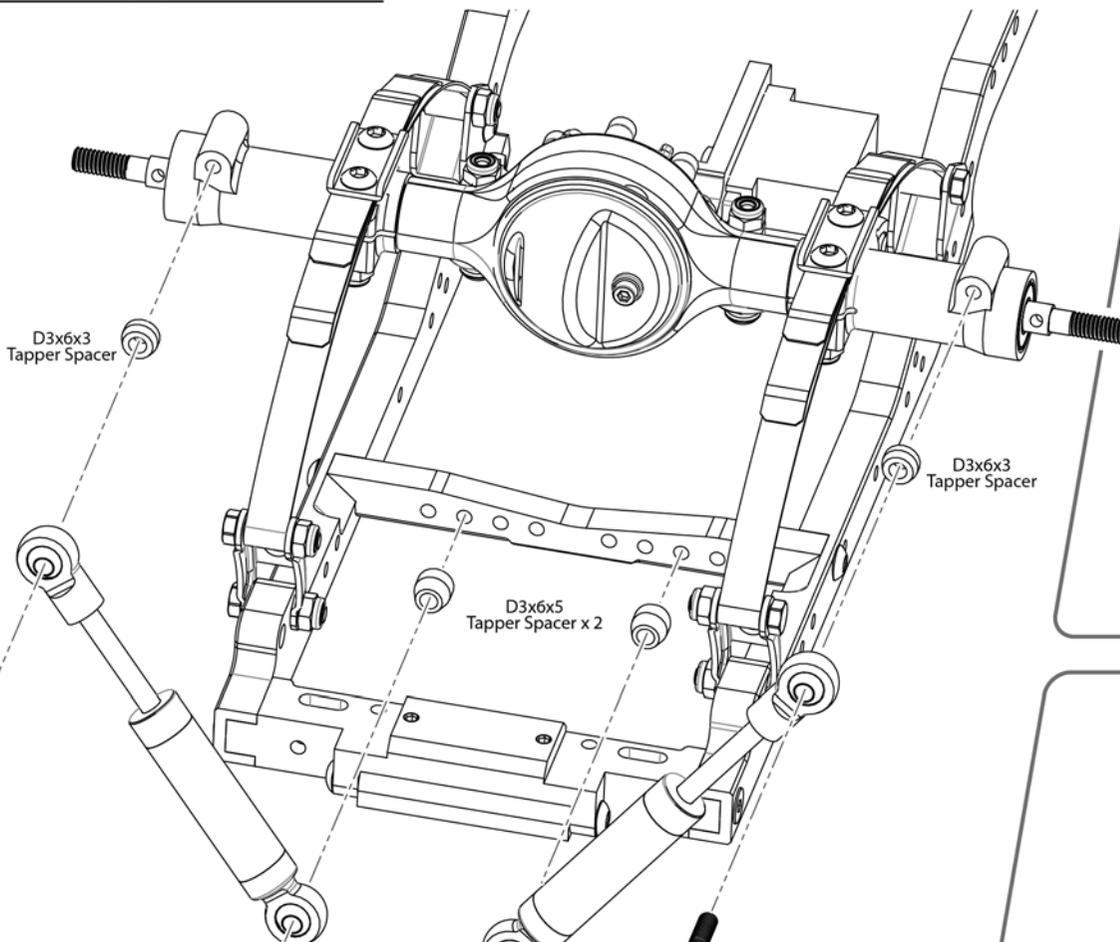


Scale Ratio 1:1

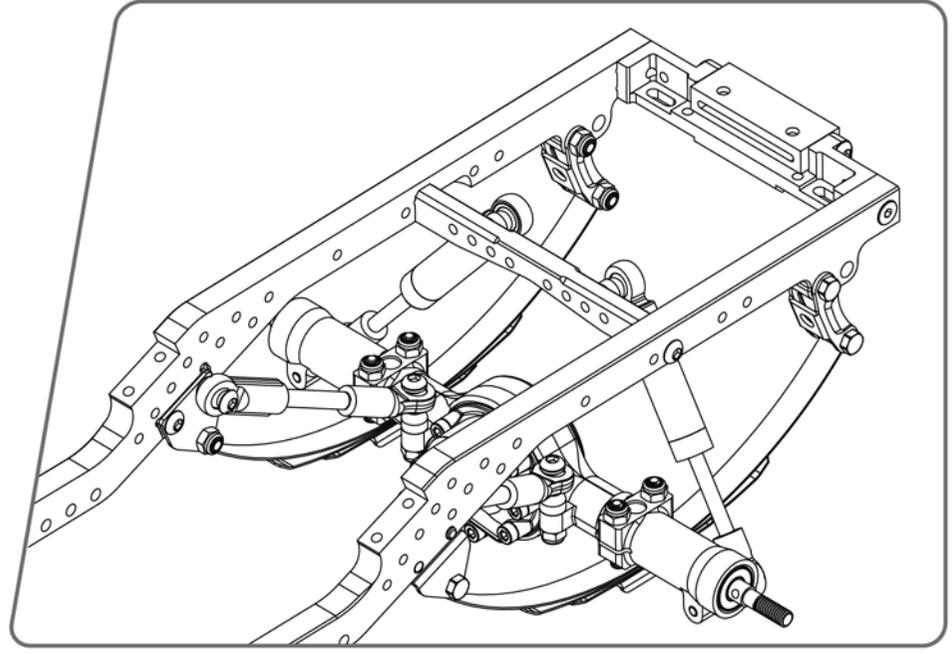
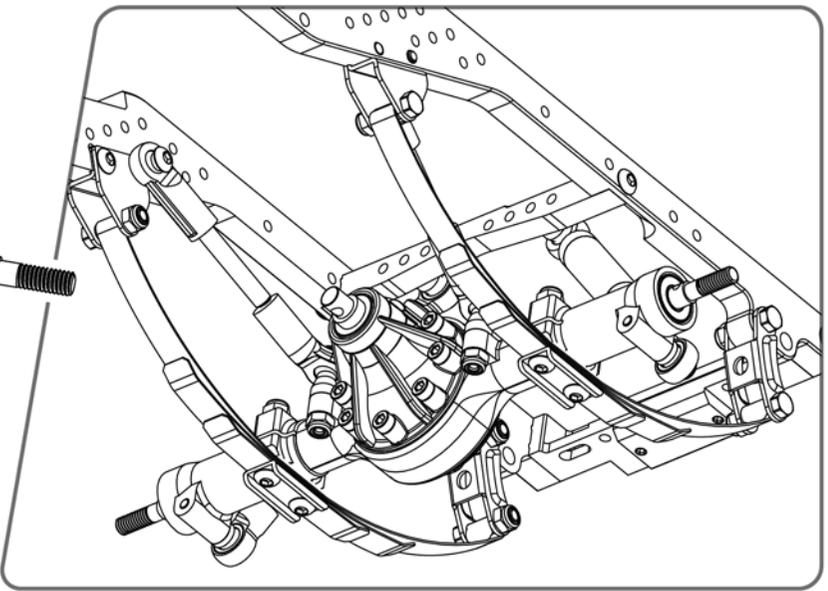
7.4 - LEAF SPRINGS & REAR AXLE

LEAF SPRINGS & REAR AXLE

LEAF SPRINGS & REAR AXLE

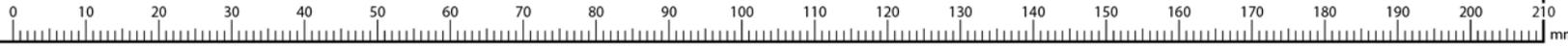


▼ Reference picture of installed Leaf Spring & Rear Axle.



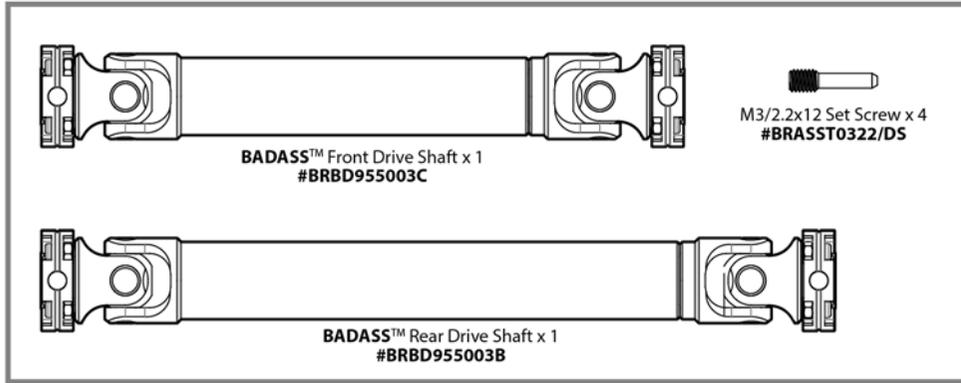
13 LEAF SPRINGS / SLIDER

-  M3x16 RS x 2
#BRASBH3016
-  M3x20 RS x 2
#BRASHBH3020
-  3x6x3
Tapper Spacer x 2
#BRLC7041 (LT)
-  3x6x5
Tapper Spacer x 2
#BRLC7040 (LT)



8 - DRIVE SHAFTS

Parts Needed:



5 SPACERS

D5x8x0.1 Spacer x 5
#BRASSPD5801

D5x8x0.5 Spacer x 4
#BRASSPD5805

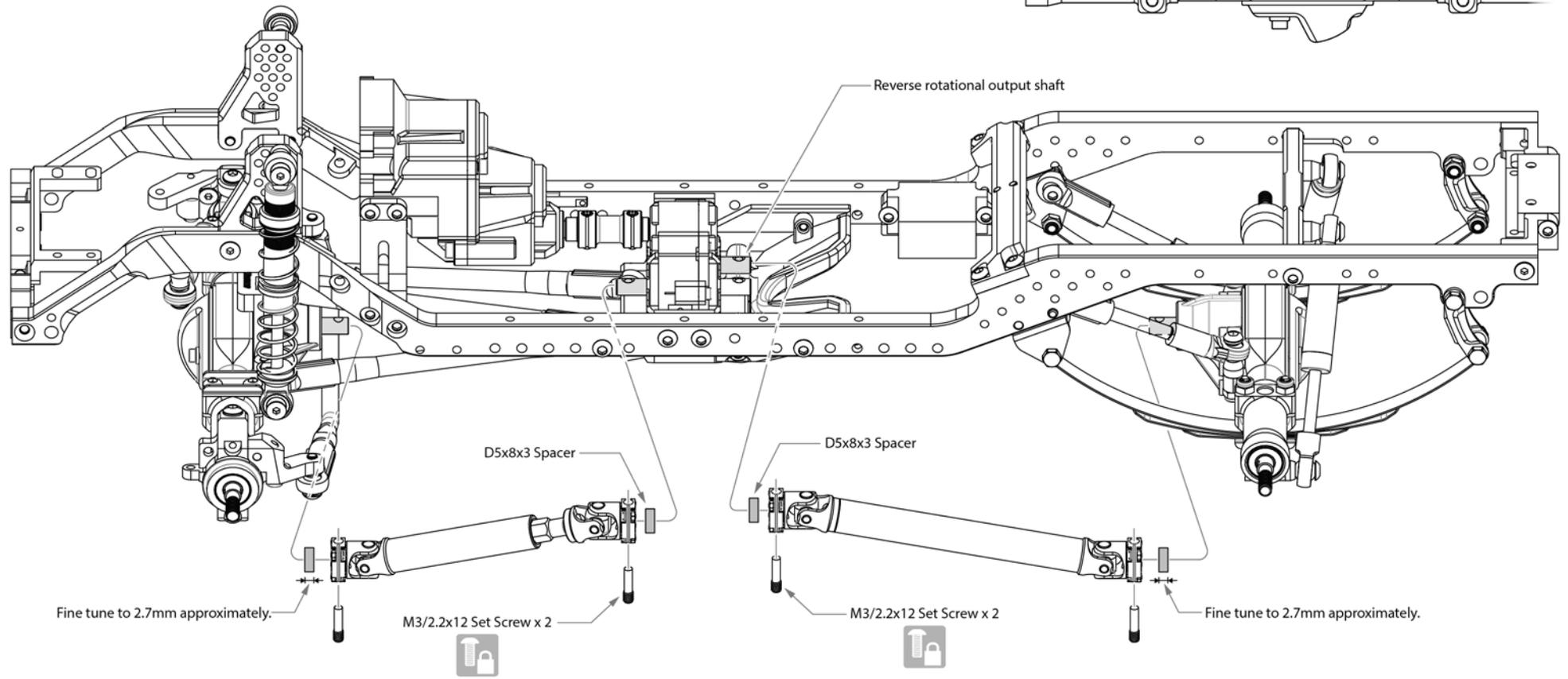
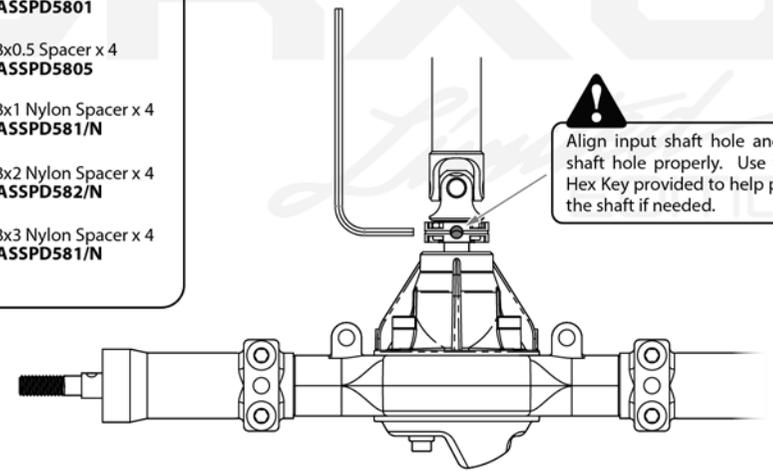


D5x8x1 Nylon Spacer x 4
#BRASSPD581/N

D5x8x2 Nylon Spacer x 4
#BRASSPD582/N

D5x8x3 Nylon Spacer x 4
#BRASSPD581/N

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

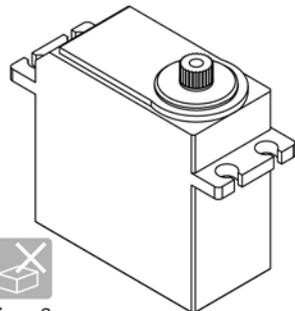


DRIVE SHAFTS

DRIVE SHAFTS

9 - STEERING SERVO

Parts Needed:



Steering Servo

12 SERVOS



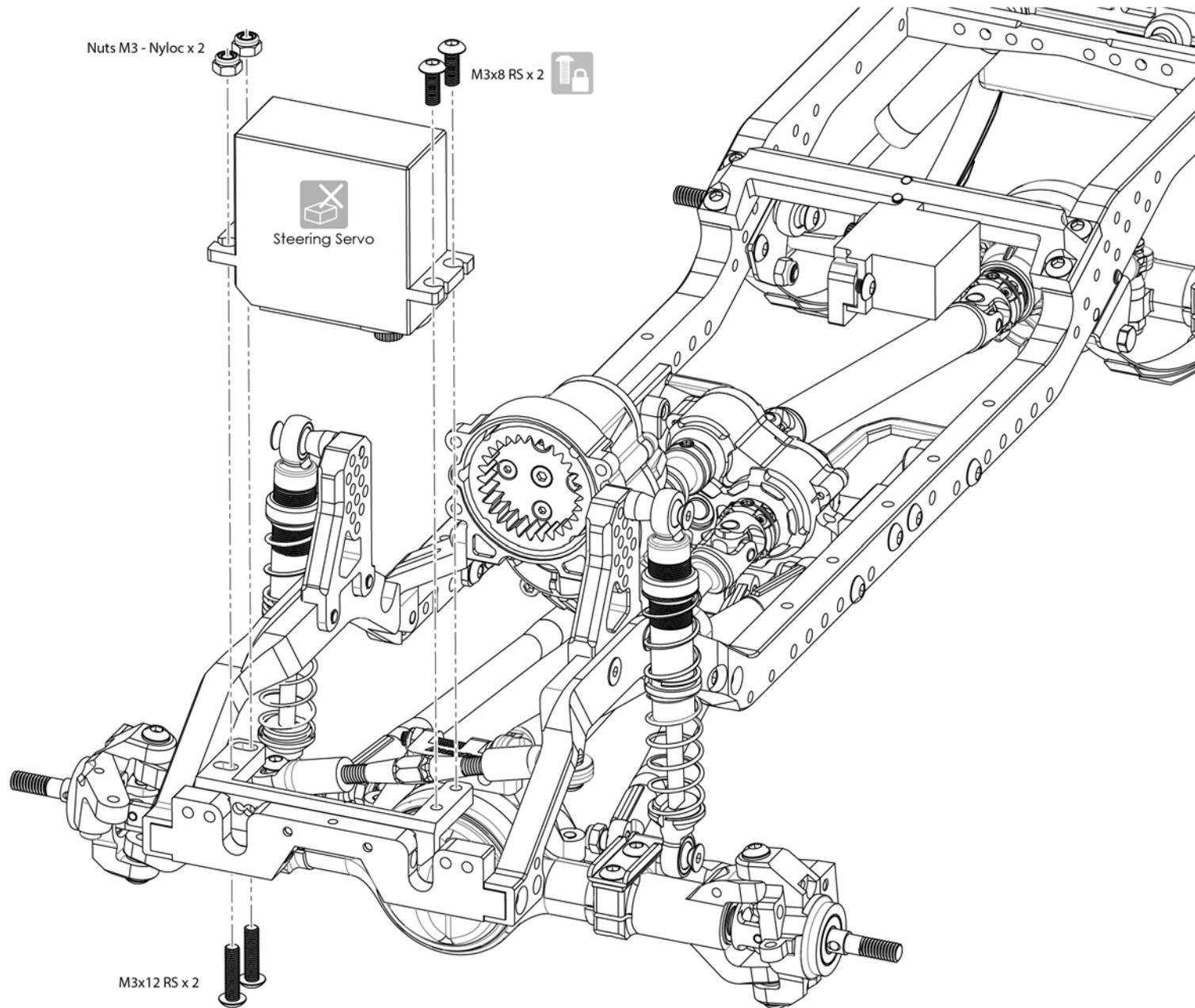
M3x8 RS x 2
#BRASBH3008



M3x12 RS x 2
#BRASBH3012



Nuts M3 - Nyloc x 2
#BRASNUTM3



10 - STEERING ROD

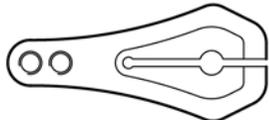
Parts Needed:

3 LINKS / SHOCKS



M3x12 RS x 2
#BRASBH3012

9 ACCESSORIES



Servo Horn B - 25T x 1
#BRLC7055

12 SERVOS

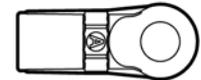


M3x6 RS x 1
#BRASBH3006

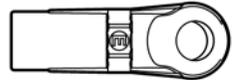


M2x8 SC x 2
#BRASCH2008

10 ROD ENDS



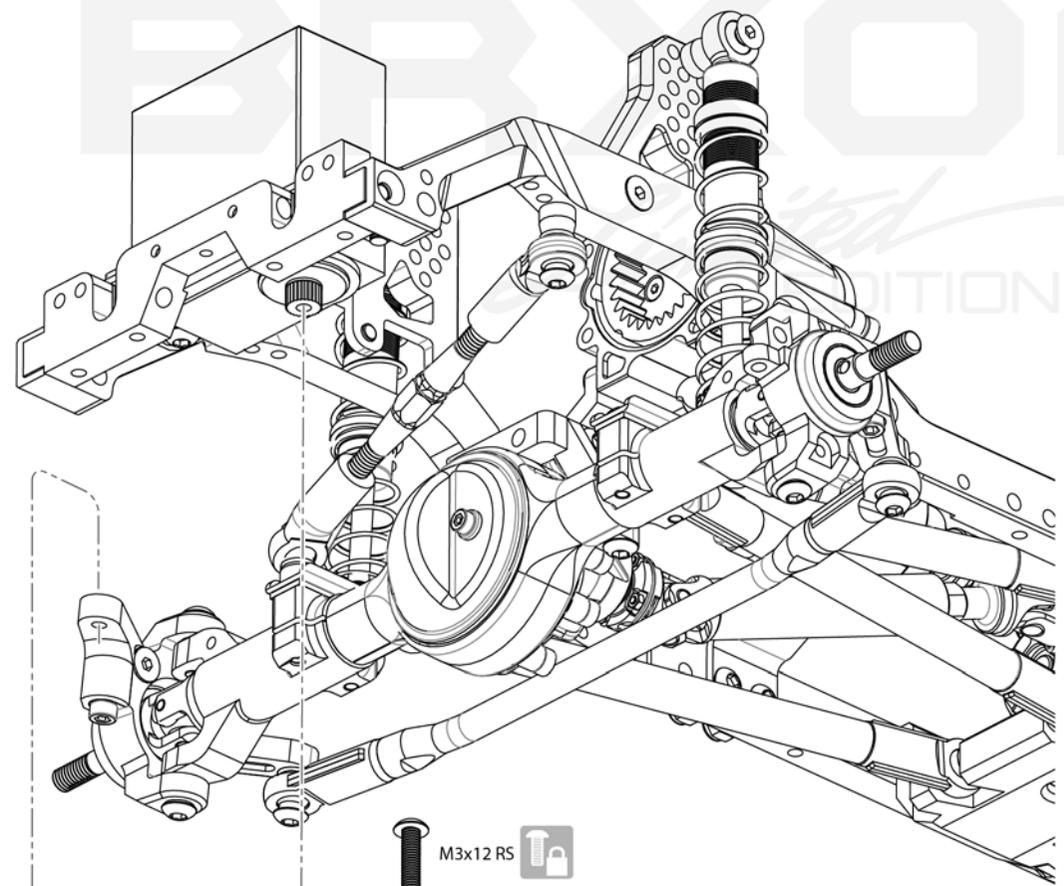
KUDU™
Nylon Rod End (Straight) x 1
#BRW750306A



KUDU™
Nylon Rod End 23.7mm (Upwards) x 1
#BRW750310E

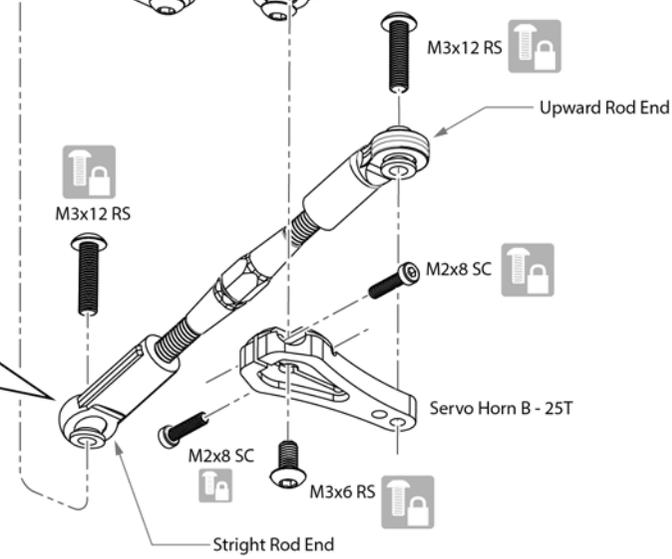
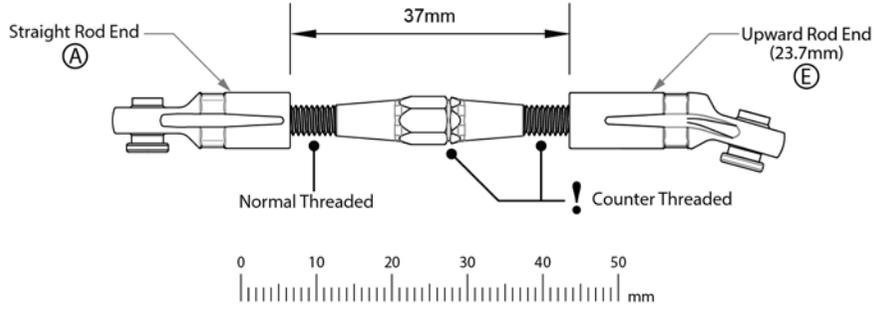


BADASS™
Stainless Steel Pivot Ball x 2
#BRW750300 (LT)



DRAG LINK

Scale Ratio 1:1

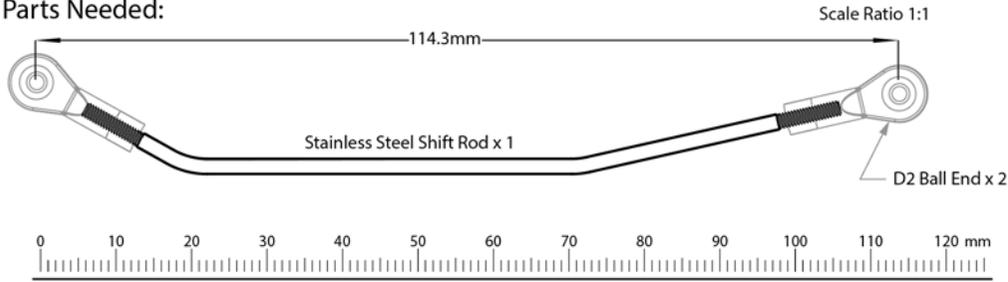


STEERING

STEERING

11 - GEAR SHIFTER

Parts Needed:

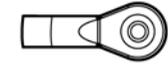


9 ACCESSORIES

#BRLC7049

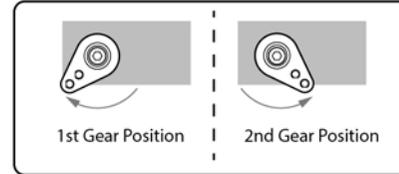


10 ROD ENDS



D2 Ball End x 2
#BRQ90351

12 SERVOS

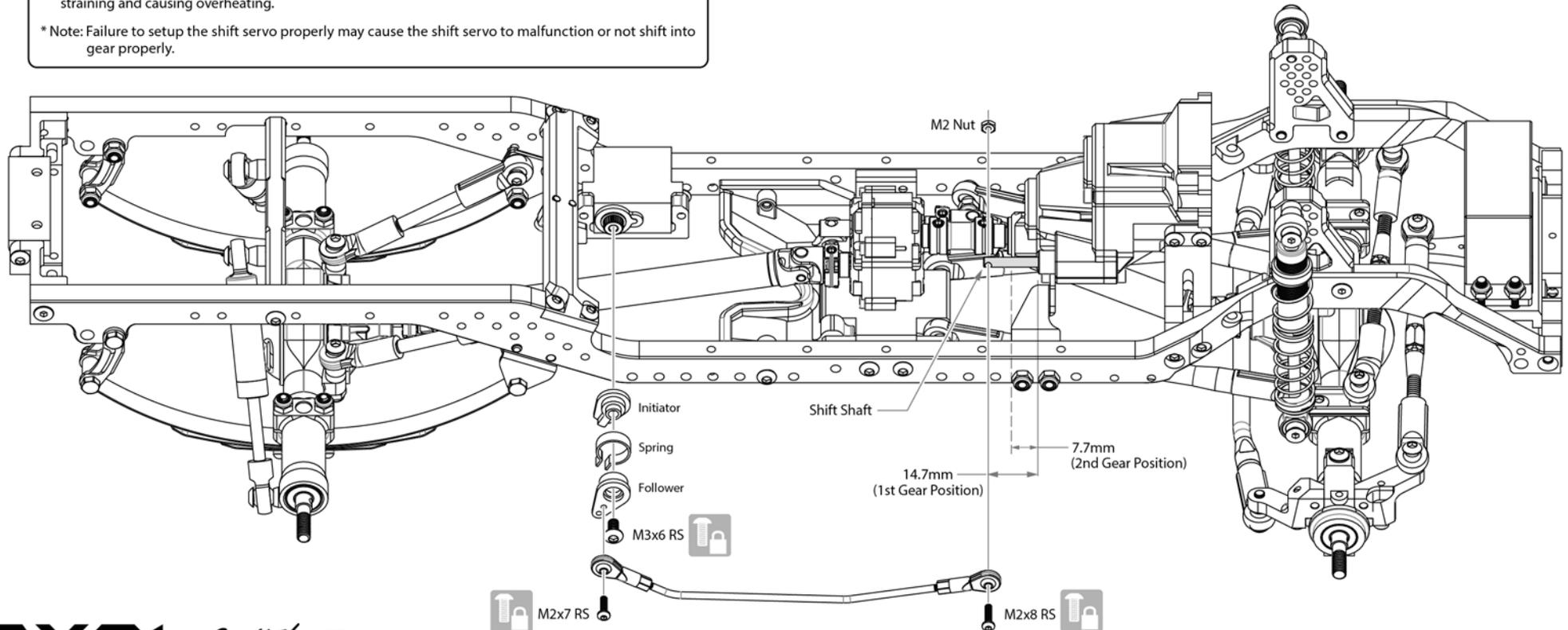


SETTING UP THE SHIFT SERVO

* Note: This step requires electronics to be temporarily connected to begin.

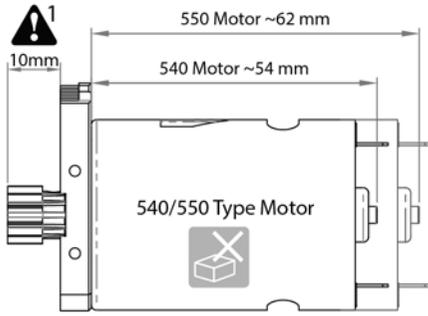
1. Turn on your radio and plug in the JX mini servo into Channel 3 (make sure it is set up as a two-position switch).
2. Pull the Shift Shaft to extend it all the way out from the gearbox to engage the first gear and attach the assembled Shift Rod onto the Shift Shaft.
3. Attach the other end of the shift rod to the servo horn.
4. Install the servo horn on the servo in the first position, making sure it rotates anti-clockwise to second position (refer to diagram).
5. Make sure EPA (End Point Adjustment) is adjusted to the correct throw distance to avoid servo from over straining and causing overheating.

* Note: Failure to setup the shift servo properly may cause the shift servo to malfunction or not shift into gear properly.

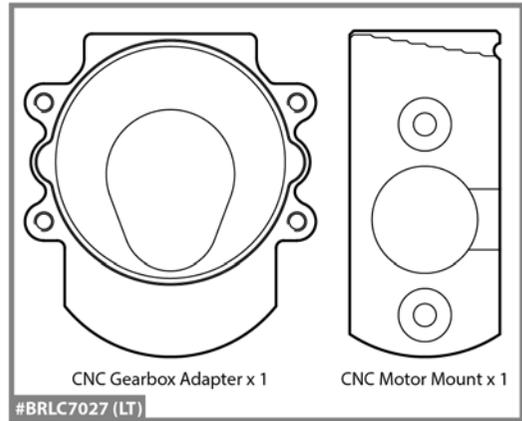


12 - MOTOR

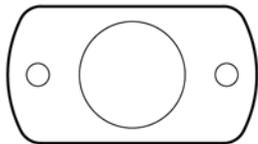
Parts Needed:



540/550 type motors can be used on BRX01.



2 GEARBOX / TRANSFER CASE (A)



Motor Spacer x 1
#BRLC7032

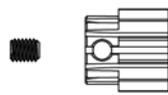


M3x8 SC x 2
#BRASCH3008



M2.5x8 SC x 8
#BRASCH2508

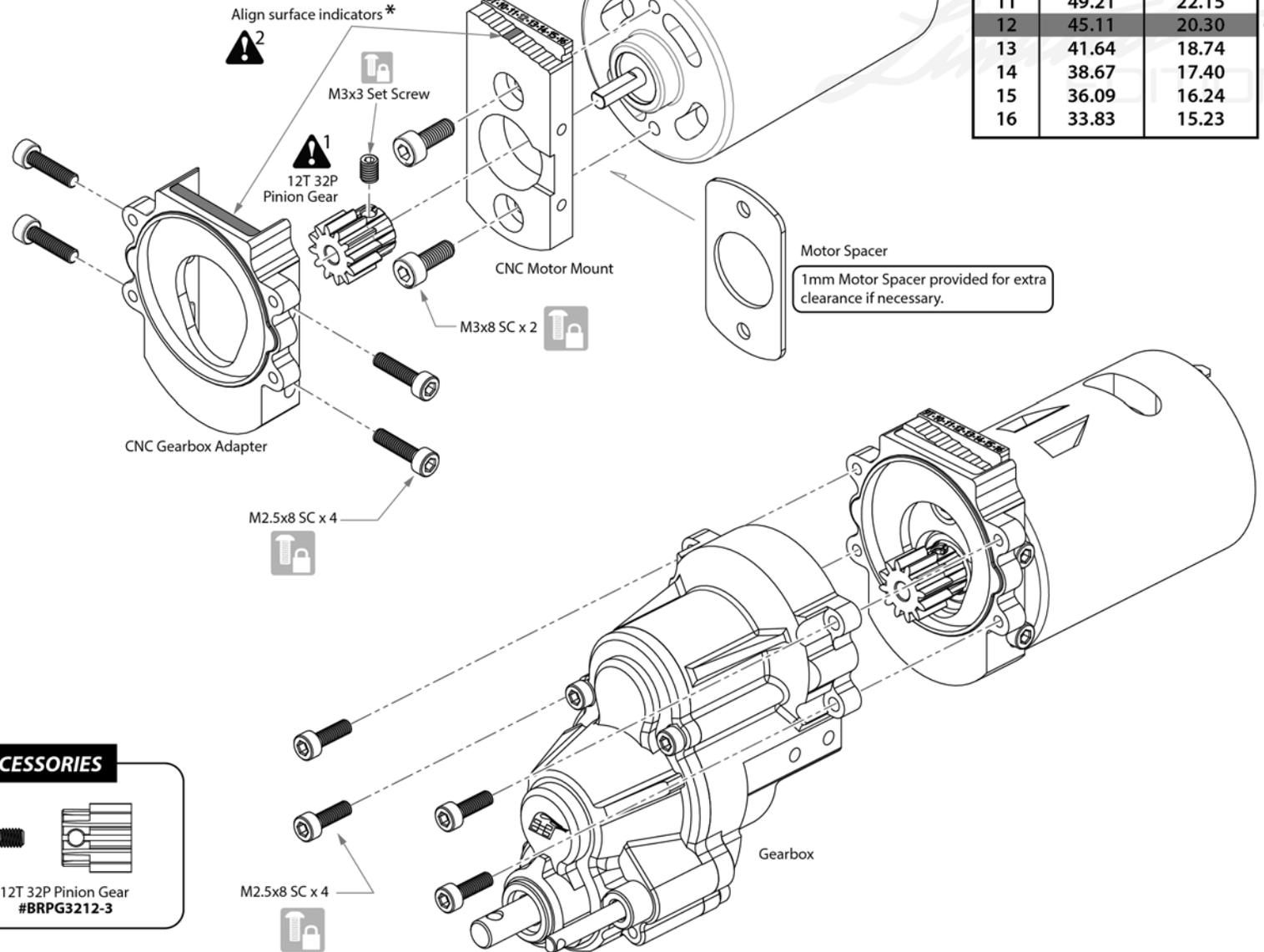
9 ACCESSORIES



12T 32P Pinion Gear
#BRPG3212-3



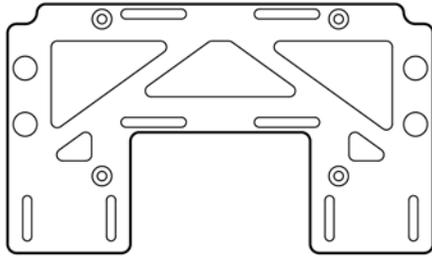
Use the corresponding number of the pinion gear tooth on the Motor Mount to get the best gear mesh. Adjust the Motor Mount up and down until both surface indicators are leveled (align at index 12 for the 12T pinion gear supplied as pictured).



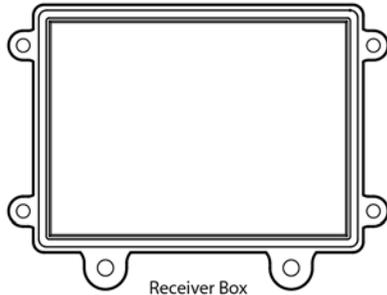
| Pinion Gear | Final Drive Ratio | |
|-------------|-------------------|----------|
| | Spur Gear (28T) | |
| | 1st Gear | 2nd Gear |
| 9 | 60.15 | 27.07 |
| 10 | 54.13 | 24.36 |
| 11 | 49.21 | 22.15 |
| 12 | 45.11 | 20.30 |
| 13 | 41.64 | 18.74 |
| 14 | 38.67 | 17.40 |
| 15 | 36.09 | 16.24 |
| 16 |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

13 - ACCESSORIES

Parts Needed:



CNC Battery & Electronics Mount Plate
#BRLC7021 (LT)



Receiver Box
#BRLC7033



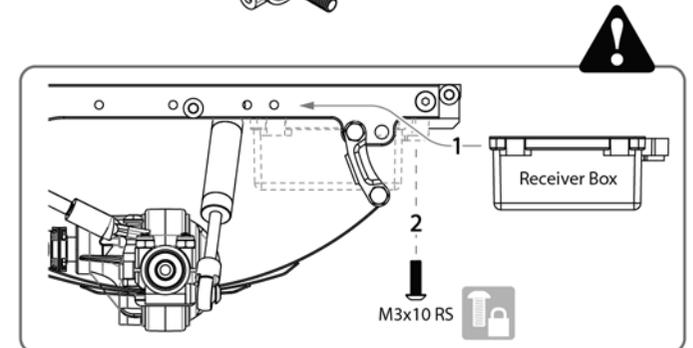
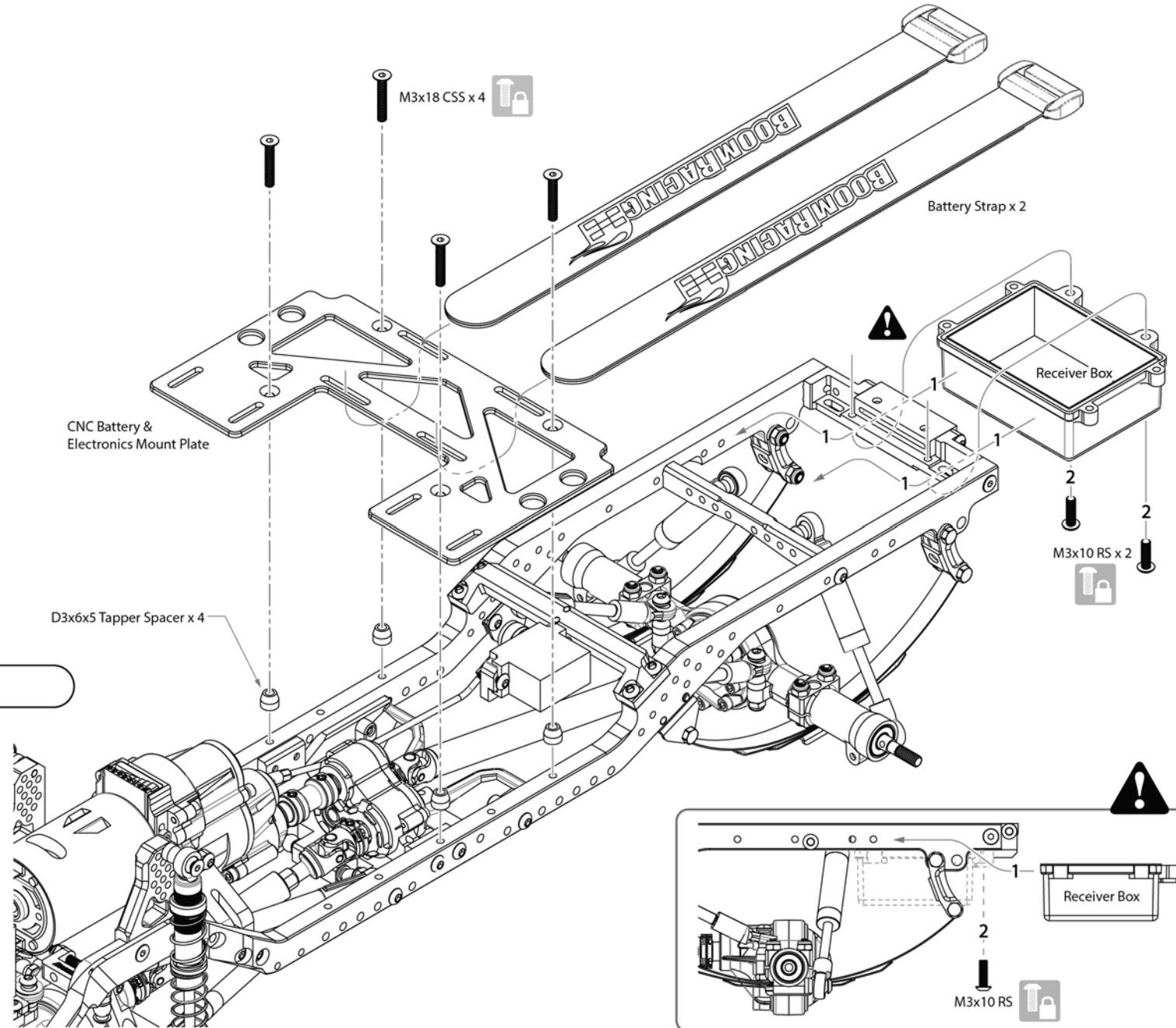
Battery Strap x 2
#BRLC7033

1 CHASSIS

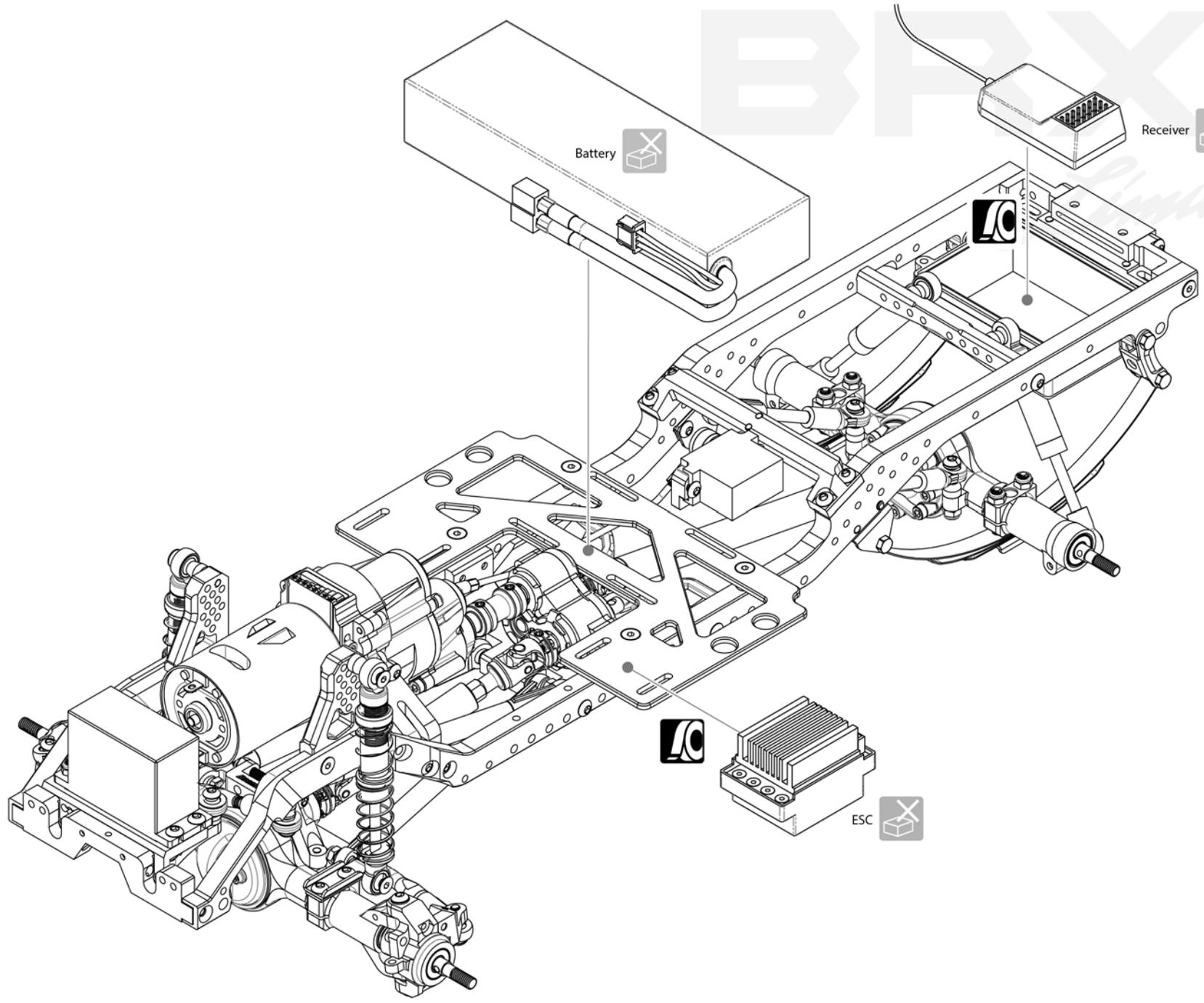
M3x18 CSS x 4
#BRASFH3018

M3x10 RS x 2
#BRASBH3010

3x6x5
Tapper Spacer x 4
#BRLC7040 (LT)



14 - ELECTRONICS INSTALLATION

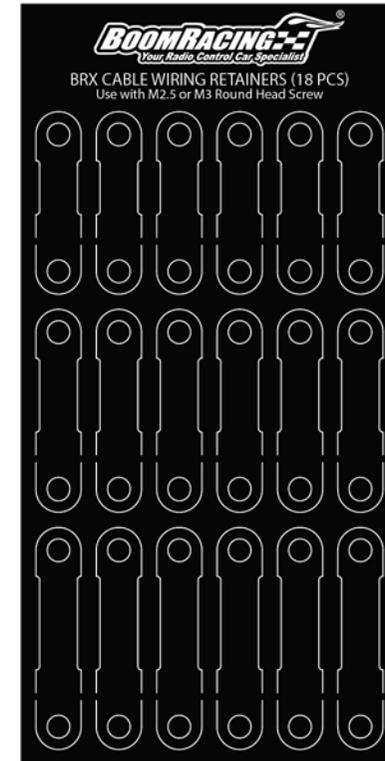
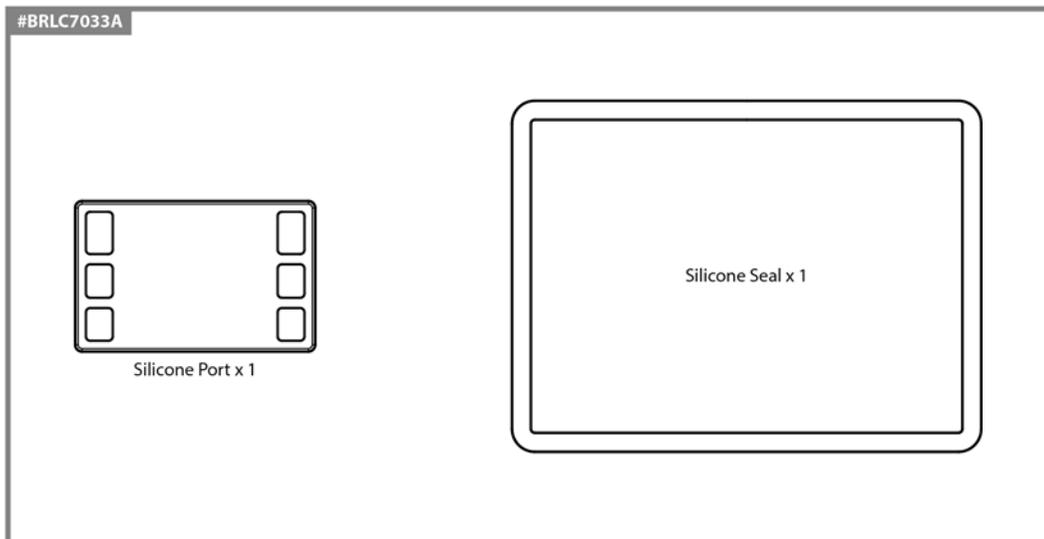
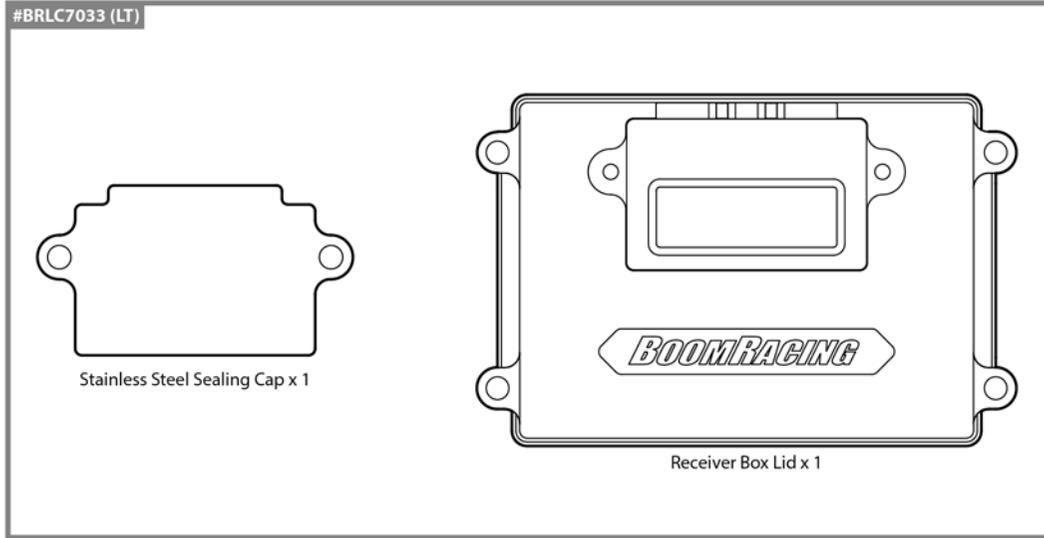


ELECTRONICS

ELECTRONICS

15 - RECEIVER BOX WIRING & SEALING

Parts Needed:



Tying diameter \varnothing 3.3mm
holds 2 servo cables

Tying diameter \varnothing 4.1mm
holds 3 servo cables

Tying diameter \varnothing 4.9mm
holds 4 servo cables or
1 pair 14 gauge power cable

Cable Wiring Retainer - 18 pieces
(Use M2.5 or M3 Round Head Bolts)
#BRT10037

BRX01
Limited
EDITION

6 RECEIVER BOX

M3x8 RS x 4
#BRASBH3008

M2.5x6 RS x 2
#BRASBH2506

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

M2.5x6 RS x 2

M3x8 RS x 4

CABLE WIRING RETAINER

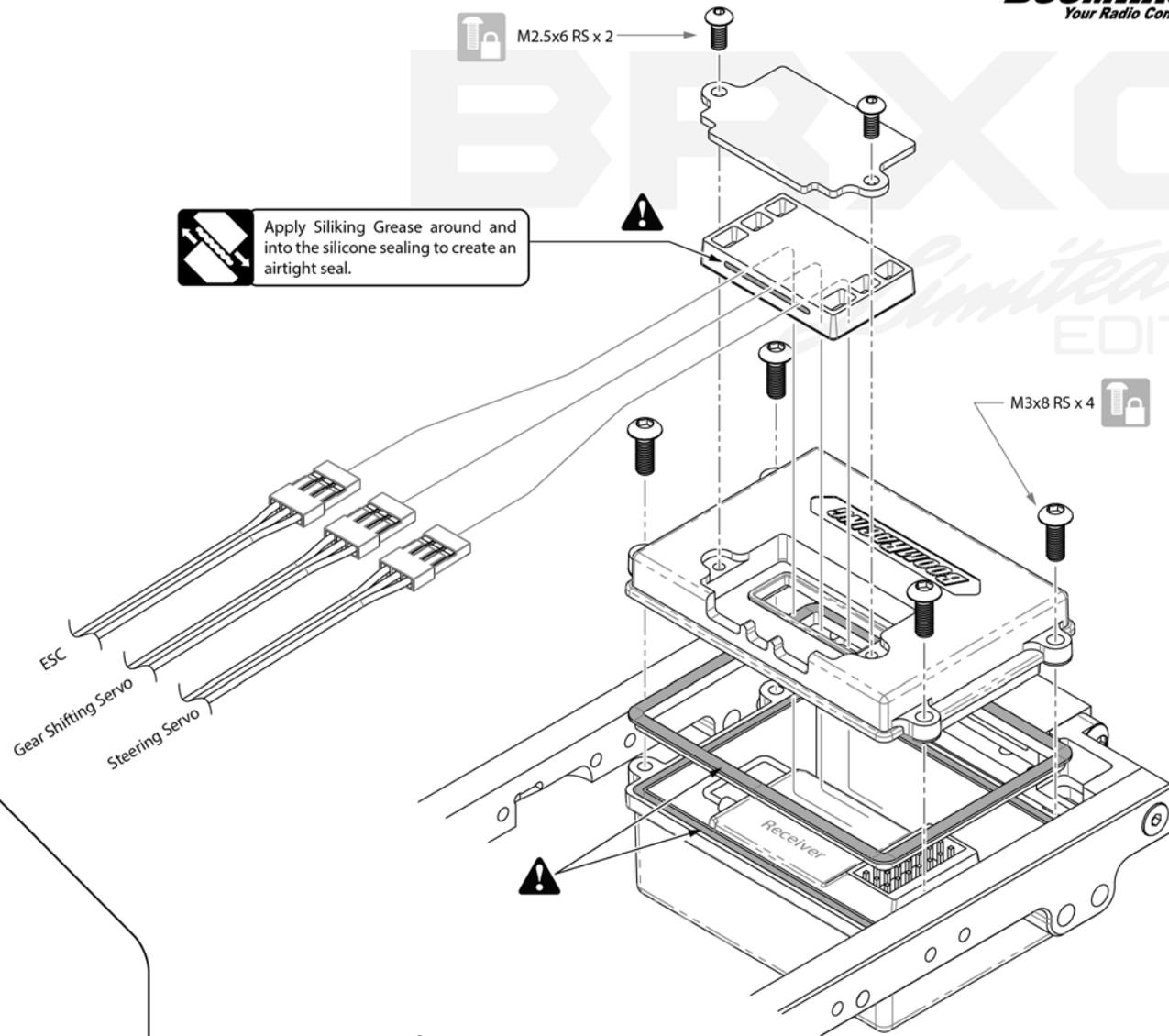
Step 1
Select appropriate retainer length.



Step 2
Install with screws.

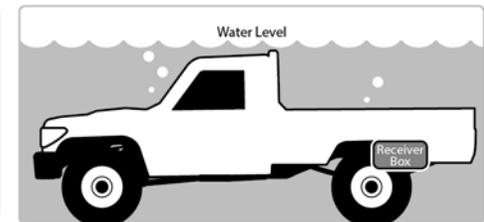


Step 3
Carefully tighten the screw to avoid snapping the cable.



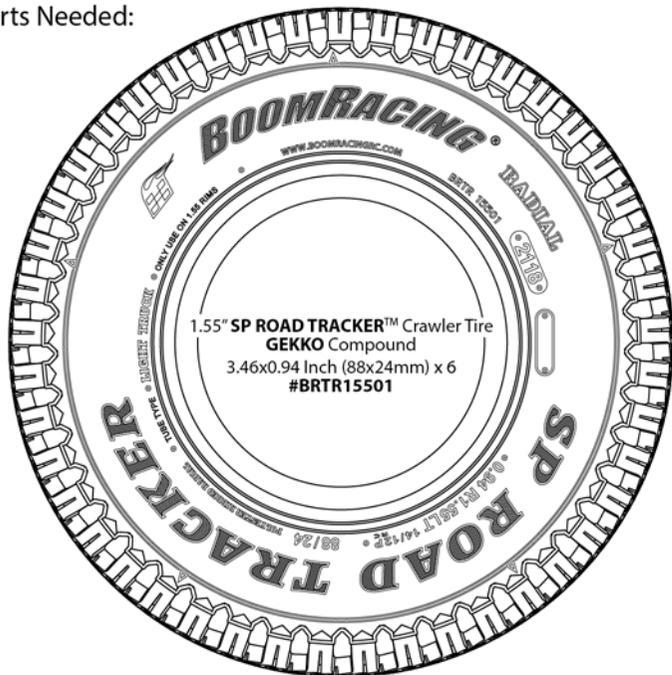
To fully waterproof the receiver box, apply a generous amount of Siliking Grease into and around the two silicone sealings to create an airtight seal.

The BRX01 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:



#BRW780955FGM (LT)

Scale 4WD
Center Locking Hub Cap Gold x 2
#BRW780921GD

Steele Wheels x 2

#BRW780955RGM

Rear Center Wheel Hub Cap x 4
#BRW780909/COVERR

Steele Wheels x 4

#BRXT5DU

Dually Adapter x 2

8 WHEELS

#BRLC7056

Hex Adapter x 4

M3x3 SS x 4
#BRASST3003

M4 Nuts - Nyloc x 2
#BRASNUTM4

2x10mm Pin x 4
#BRASPIN210

#BRXT5DU

M4x11 Barrel x 2
#BRBNUT4011

M4x16 Barrel x 2
#BRBNUT4016

M2x8 SC x 10
#BRASCH2008

M4x6 SS x 4
#BRASST4006

D6x11x1 Spacer x 4
#BRASSPD61101

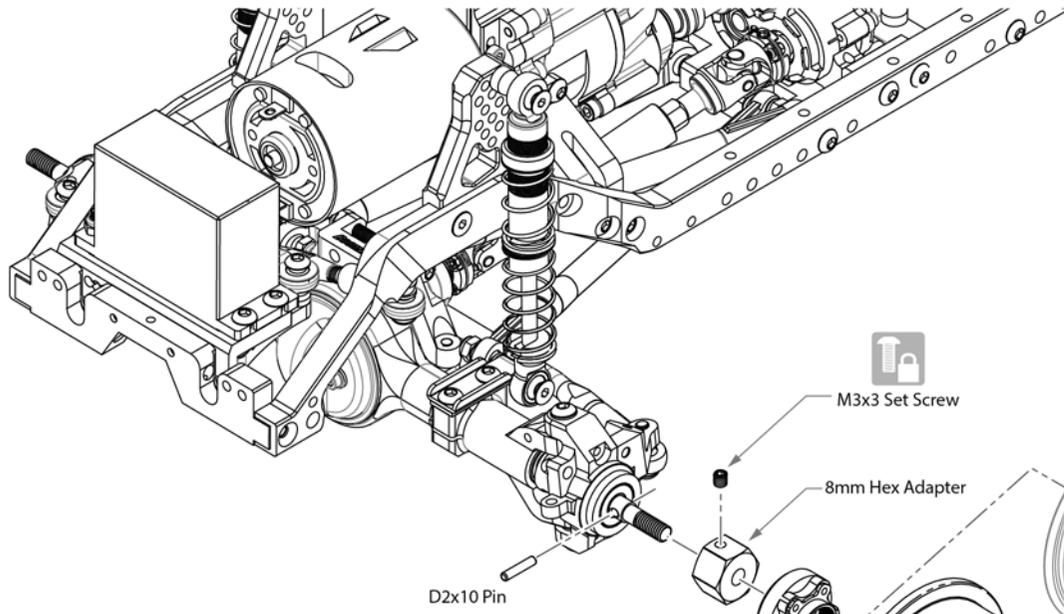
D6x11x2 Spacer x 4
#BRASSPD61102

D5x8x2 Spacer x 4
#BRASSPD5802

WHEELS & TIRES

WHEELS & TIRES

16.1 - FRONT WHEEL **LR**



XT504 Aluminum 12mm Wheel Hub Adapter
4mm Offset
#BRXT504

Wheel Back Piece

SP ROAD TRACKER Tire

Wheel Center Piece

Front Faceplate
#BRW780955A

Scale 4WD
Center Locking Hub Cap Gold x 2



M3x3 Set Screw

8mm Hex Adapter

D2x10 Pin

DEEP DISH SETUP

STANDARD SETUP

DEEP DISH SETUP

Centerline

Offset 0mm

Centerline

11.3mm

DEEP DISH SETUP

M2x10 SC
#BRASCH2010

M4 Nuts

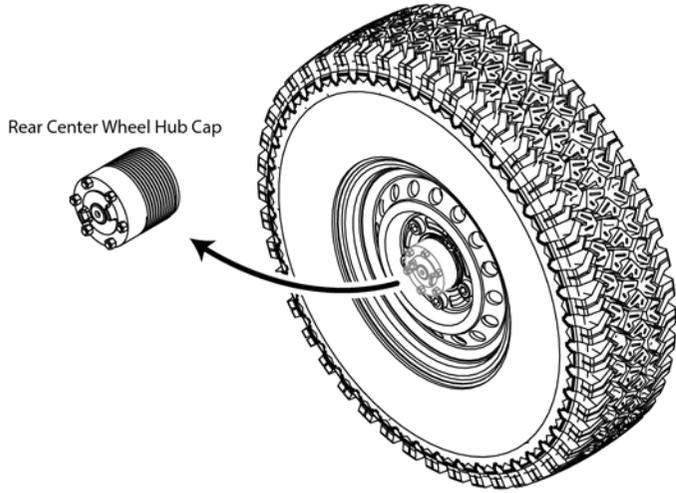


16.2 - REAR WHEEL



16.2.1 INNER WHEEL (x 2)

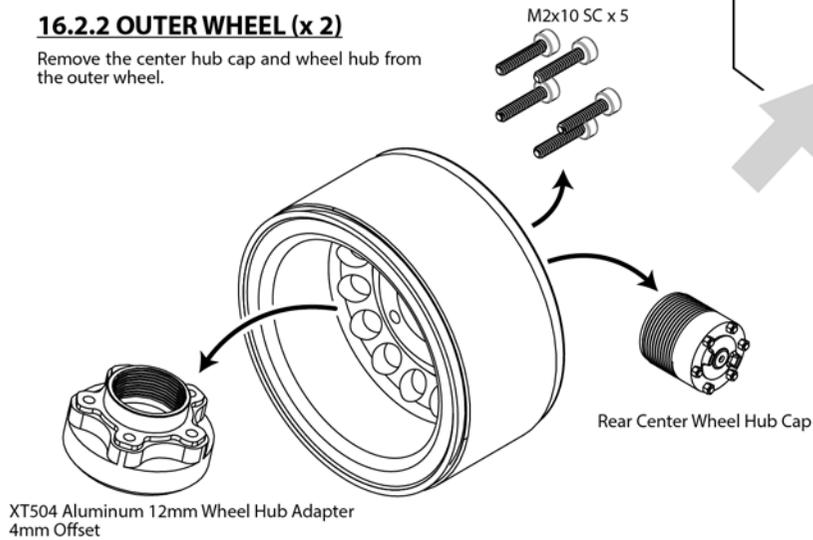
Assemble wheel and tire. Remove the center hub cap from the inner wheel.



Rear Center Wheel Hub Cap

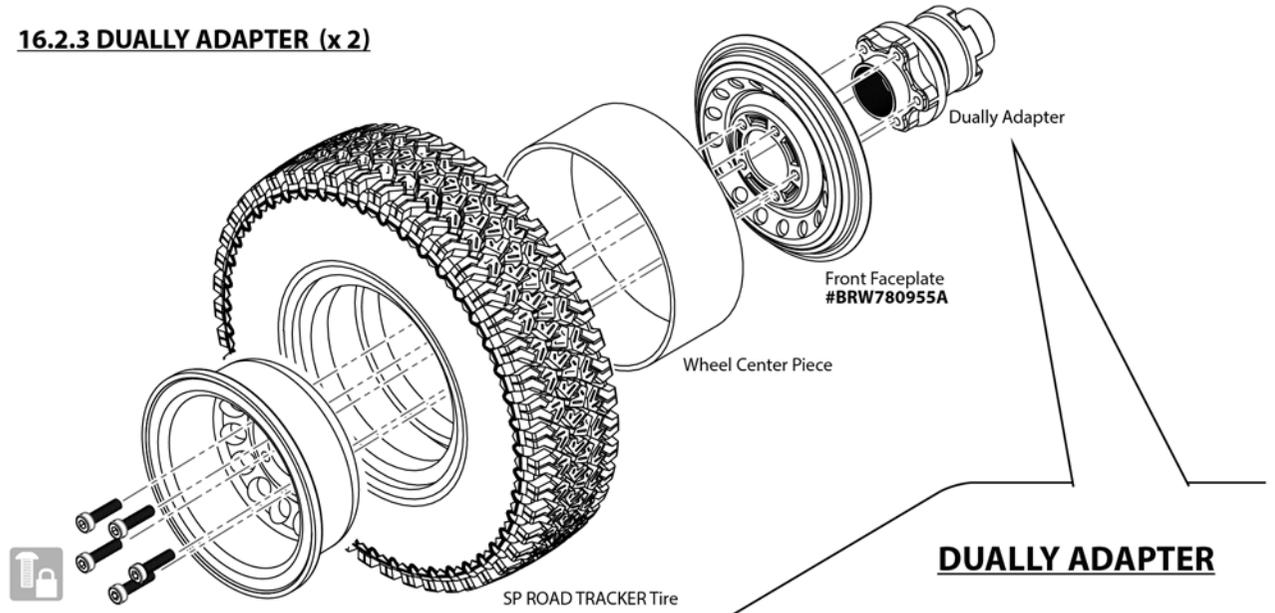
16.2.2 OUTER WHEEL (x 2)

Remove the center hub cap and wheel hub from the outer wheel.



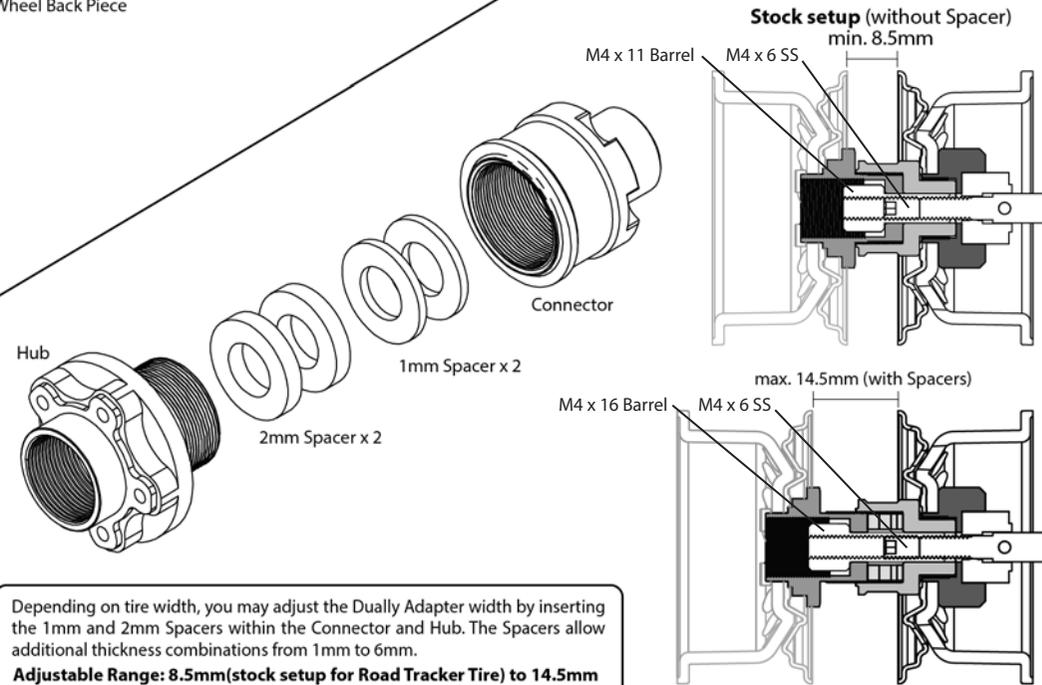
XT504 Aluminum 12mm Wheel Hub Adapter
4mm Offset

16.2.3 DUALY ADAPTER (x 2)



M2x8 SC x 5
8 WHEELS

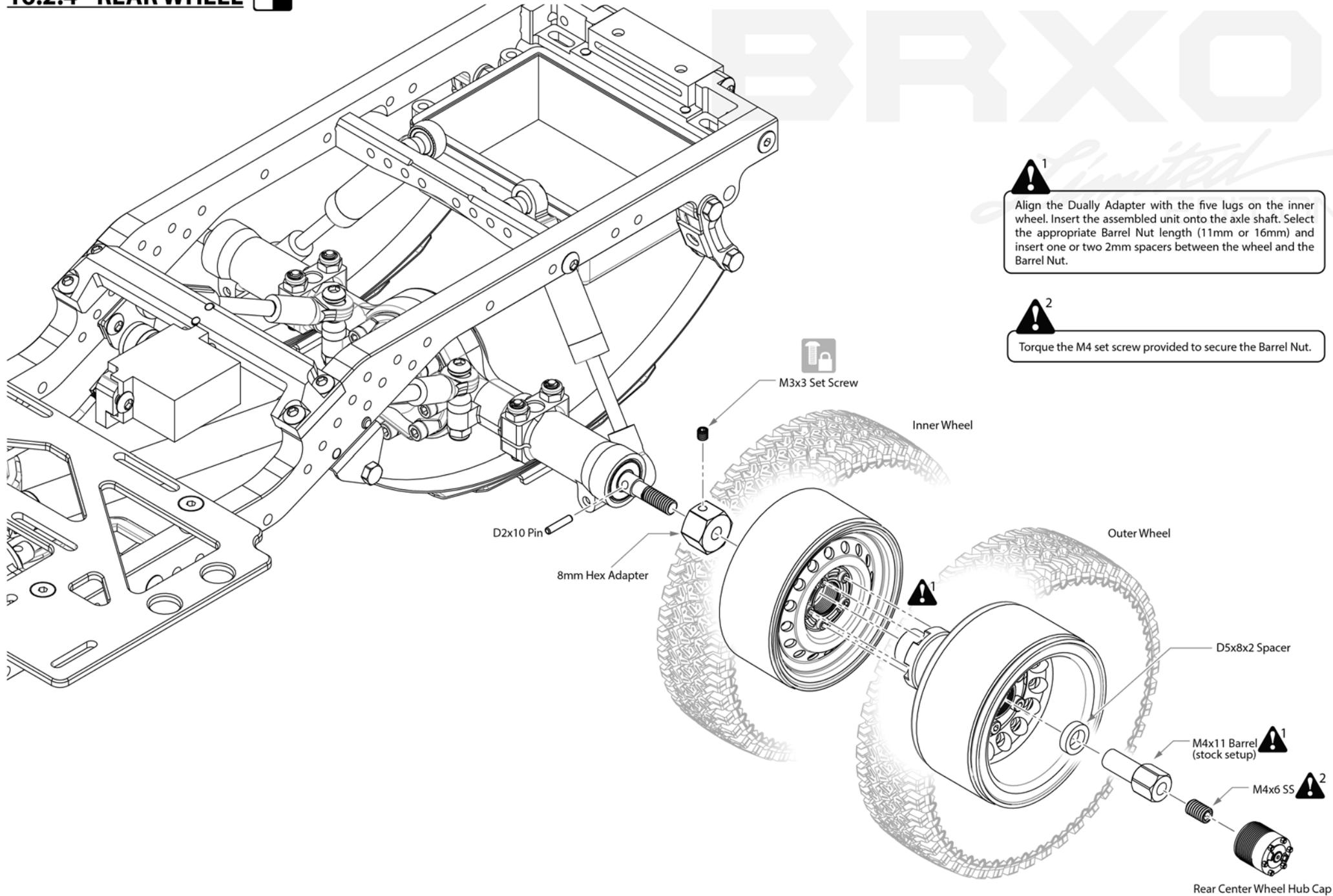
DUALY ADAPTER



Depending on tire width, you may adjust the Dually Adapter width by inserting the 1mm and 2mm Spacers within the Connector and Hub. The Spacers allow additional thickness combinations from 1mm to 6mm.
Adjustable Range: 8.5mm(stock setup for Road Tracker Tire) to 14.5mm



16.2.4 - REAR WHEEL LR



1
Align the Dually Adapter with the five lugs on the inner wheel. Insert the assembled unit onto the axle shaft. Select the appropriate Barrel Nut length (11mm or 16mm) and insert one or two 2mm spacers between the wheel and the Barrel Nut.

2
Torque the M4 set screw provided to secure the Barrel Nut.

WHEELS & TIRES

WHEELS & TIRES

Rear Center Wheel Hub Cap

17 - QUICK RELEASE LATCH

Parts Needed:

17 QUICK RELEASE LATCH

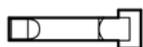
#BRLC7062 (LT)



Guard x 1



Handle x 1



Lock Pin x 2



M2.5x2.5 SS x 1



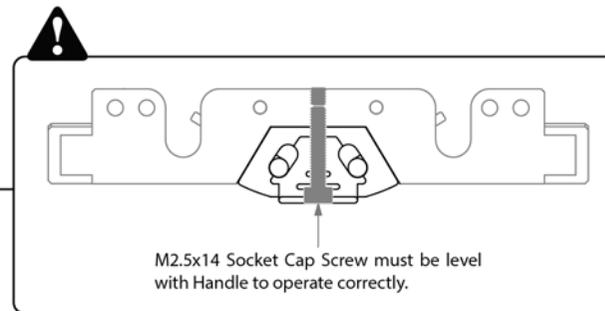
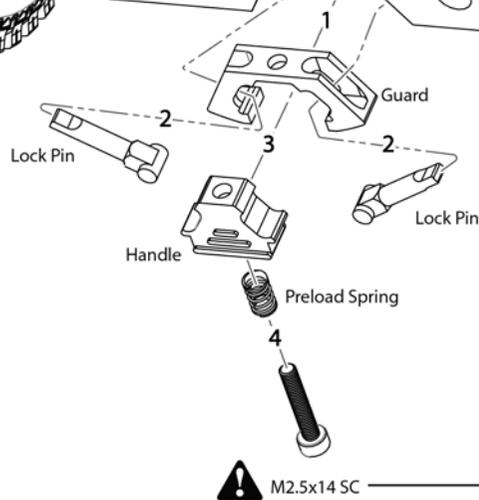
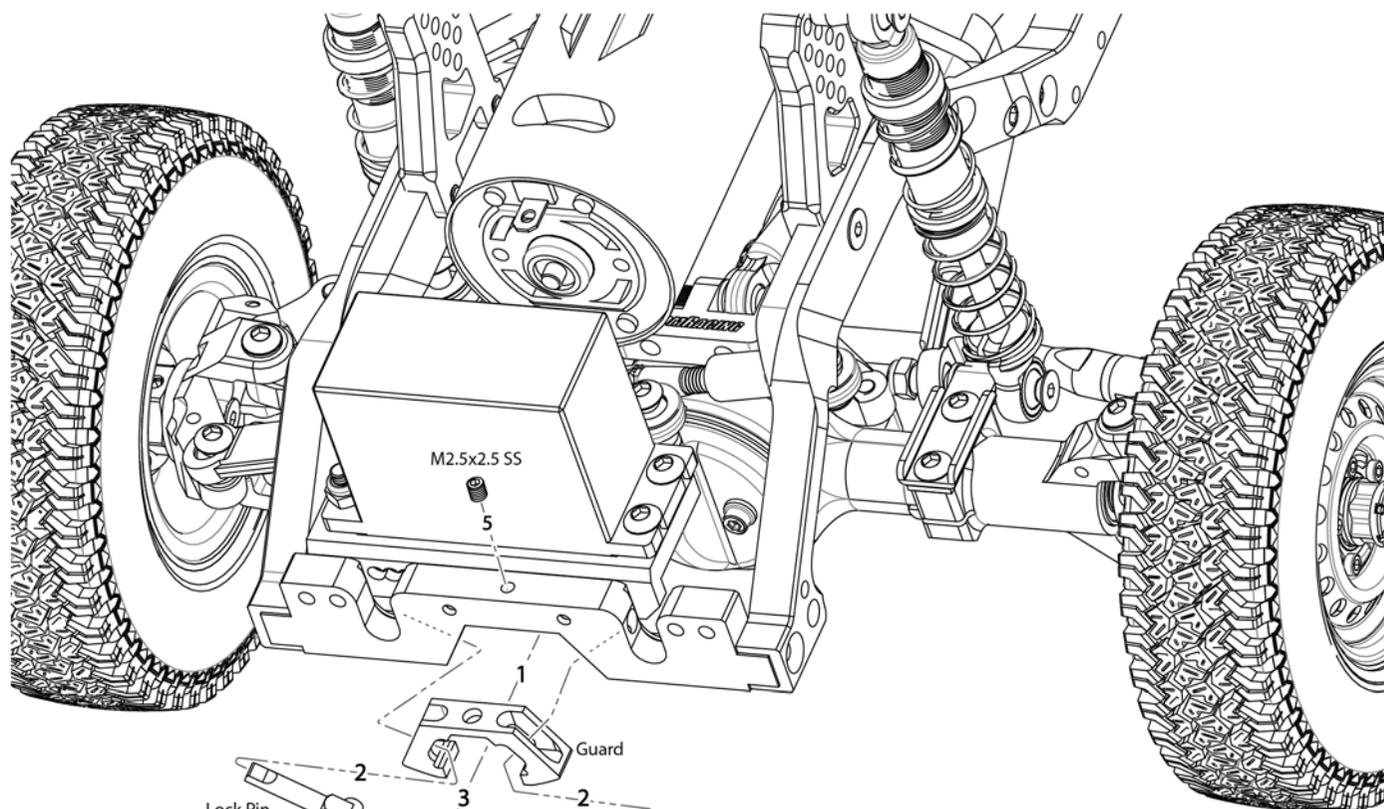
M2.5x14 SC x 1



Preload Spring x 1



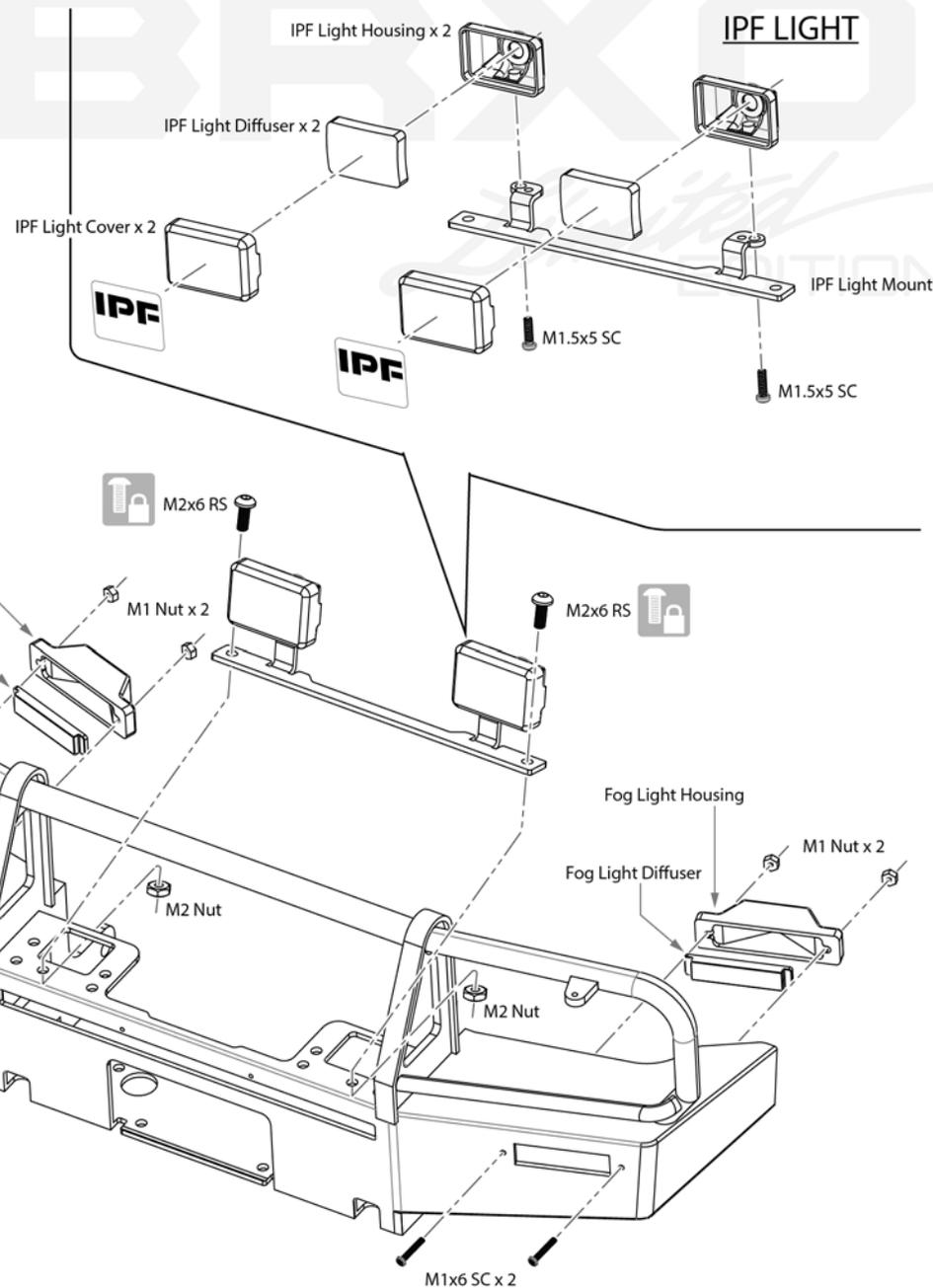
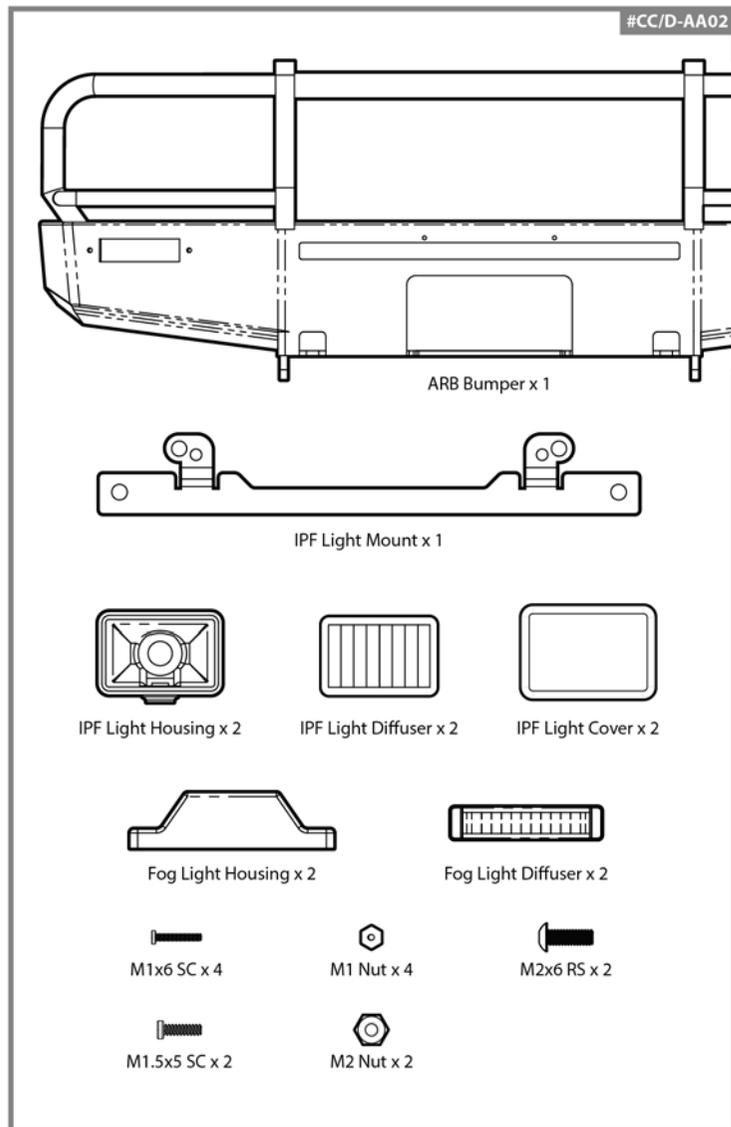
Hex Key 1.2mm x 1



18 - BUMPER

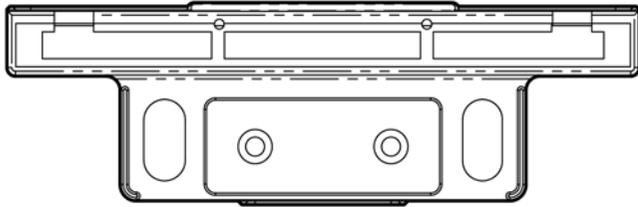
Parts Needed:

18.1 - BUMPER

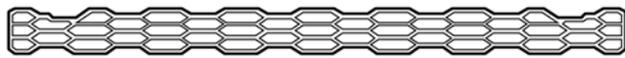


Parts Needed:

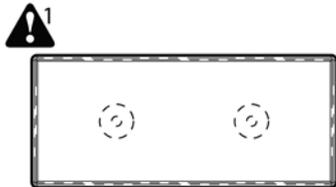
3D-printed Parts



Bumper Insert x 1



Grille x 1



Front License Plate x 1



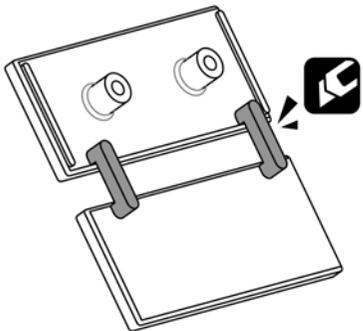
M3x8 RS x 4
#BRASBH3008



M2.5x6 Self Tapping x 2
#BRASBH2506/ST



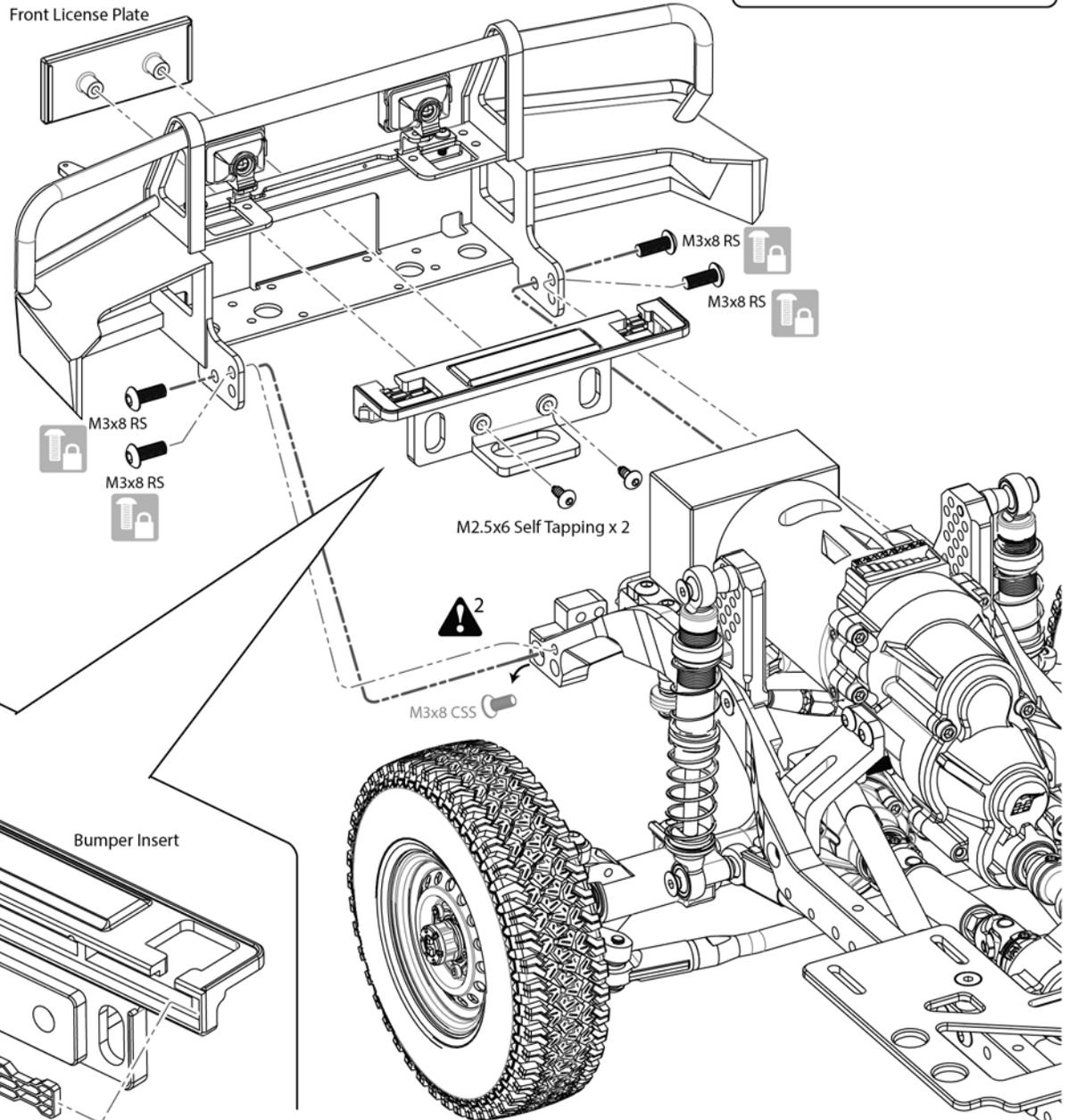
Remove connection segment between Fron & Rear License Plate before use.



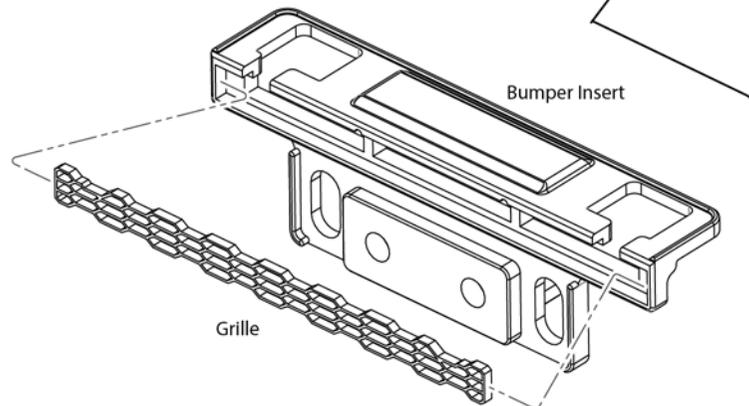
18.2 - BUMPER

 2
Remove the M3x8 CSS screw on both sides.

Front License Plate



BUMPER INSERT



Bumper Insert

Grille

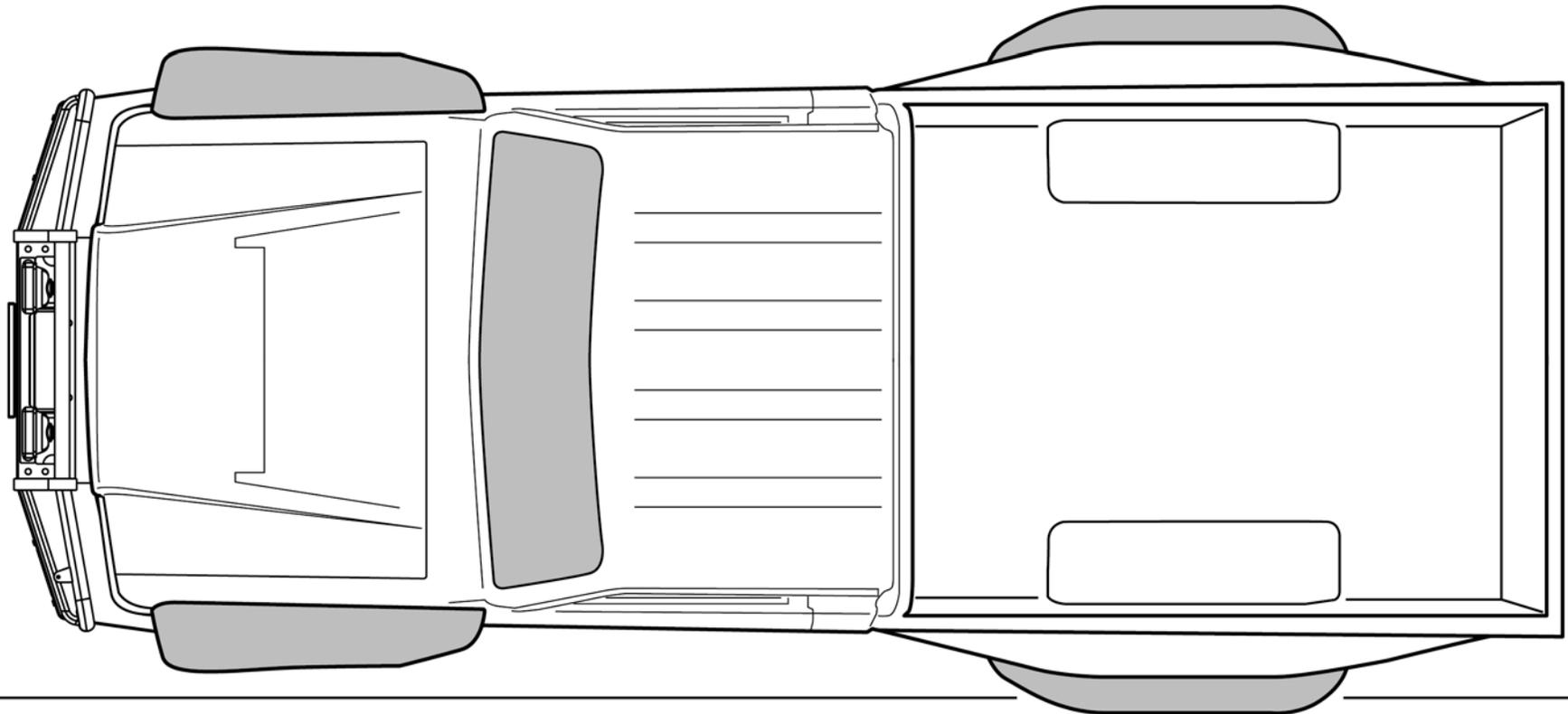
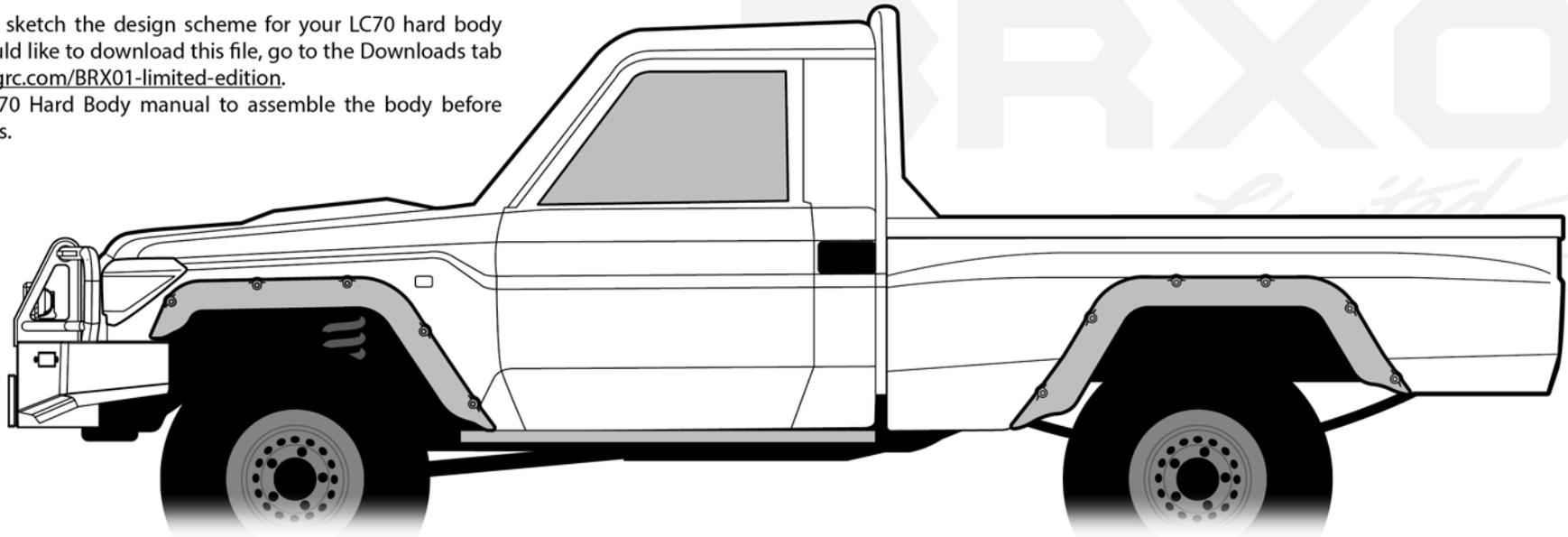


BUMPER

BUMPER

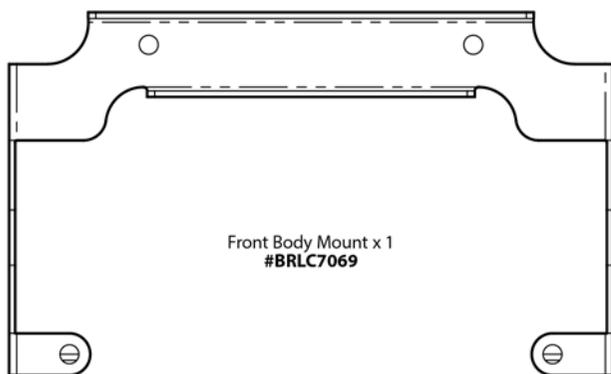
19 - LC70 BODY SECTION

Use the diagram below to sketch the design scheme for your LC70 hard body before painting. If you would like to download this file, go to the Downloads tab at <https://www.boomracingrc.com/BRX01-limited-edition>. Refer to the Killerbody LC70 Hard Body manual to assemble the body before continuing to the next steps.



20 - LC70 FRONT BODY MOUNT & FENDERS

Parts Needed:

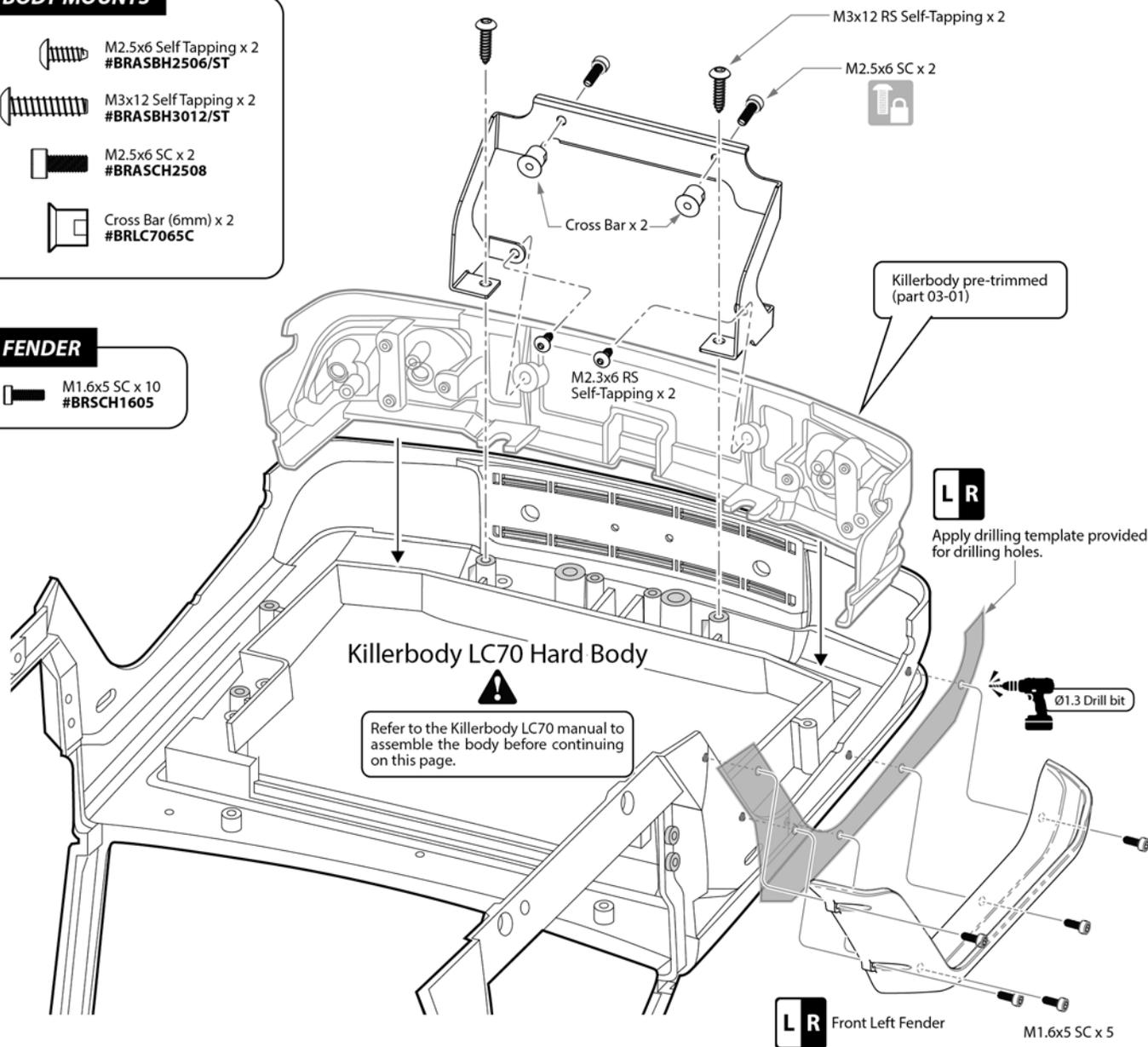
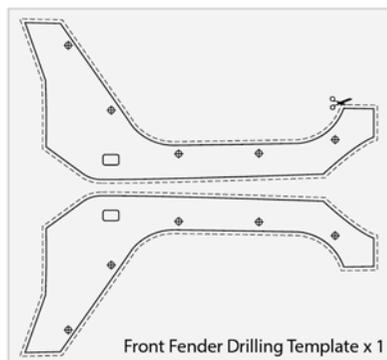
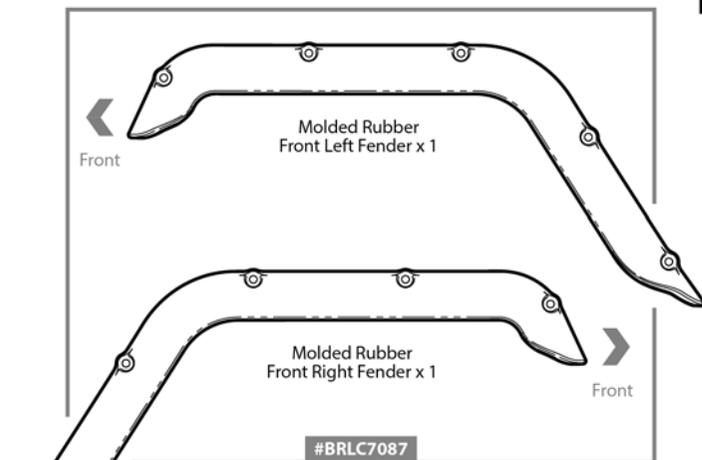


7 BODY MOUNTS

- M2.5x6 Self Tapping x 2
#BRASBH2506/ST
- M3x12 Self Tapping x 2
#BRASBH3012/ST
- M2.5x6 SC x 2
#BRASCH2508
- Cross Bar (6mm) x 2
#BRLC7065C

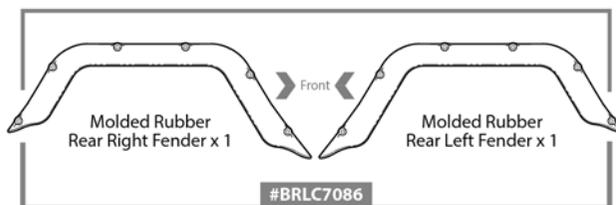
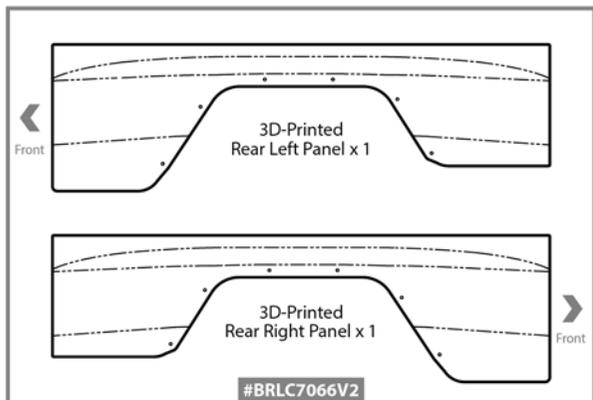
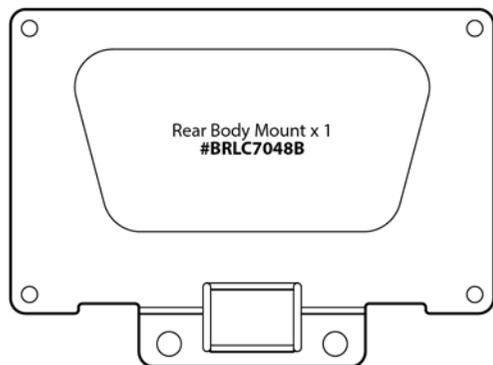
16 FENDER

- M1.6x5 SC x 10
#BRSCH1605



21 - LC70 REAR BODY MOUNT & FENDERS

Parts Needed:



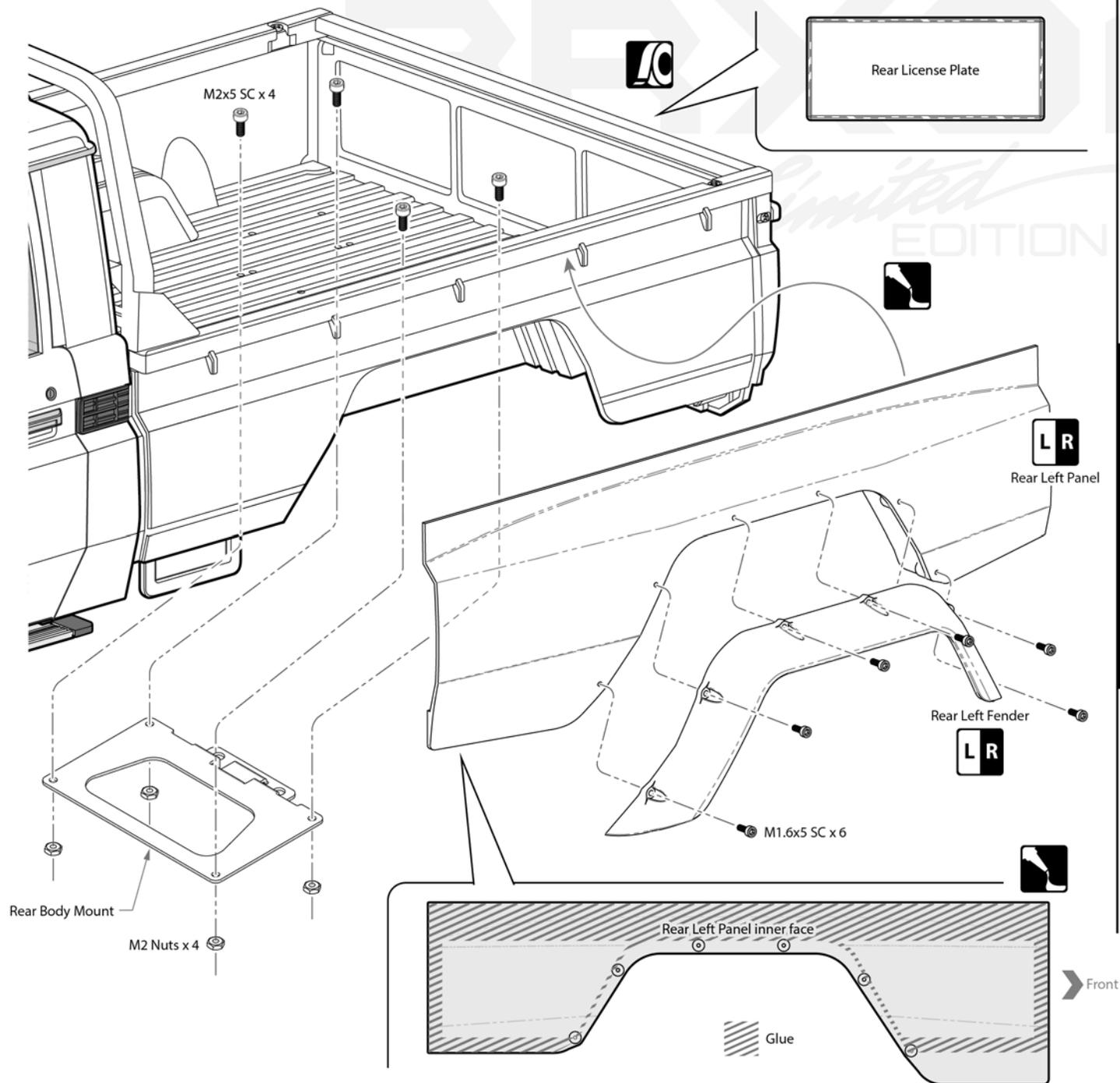
7 BODY MOUNTS

M2x5 SC x 4
#BRASCH2005

M2 Nuts x 4
#BRASNUTM2

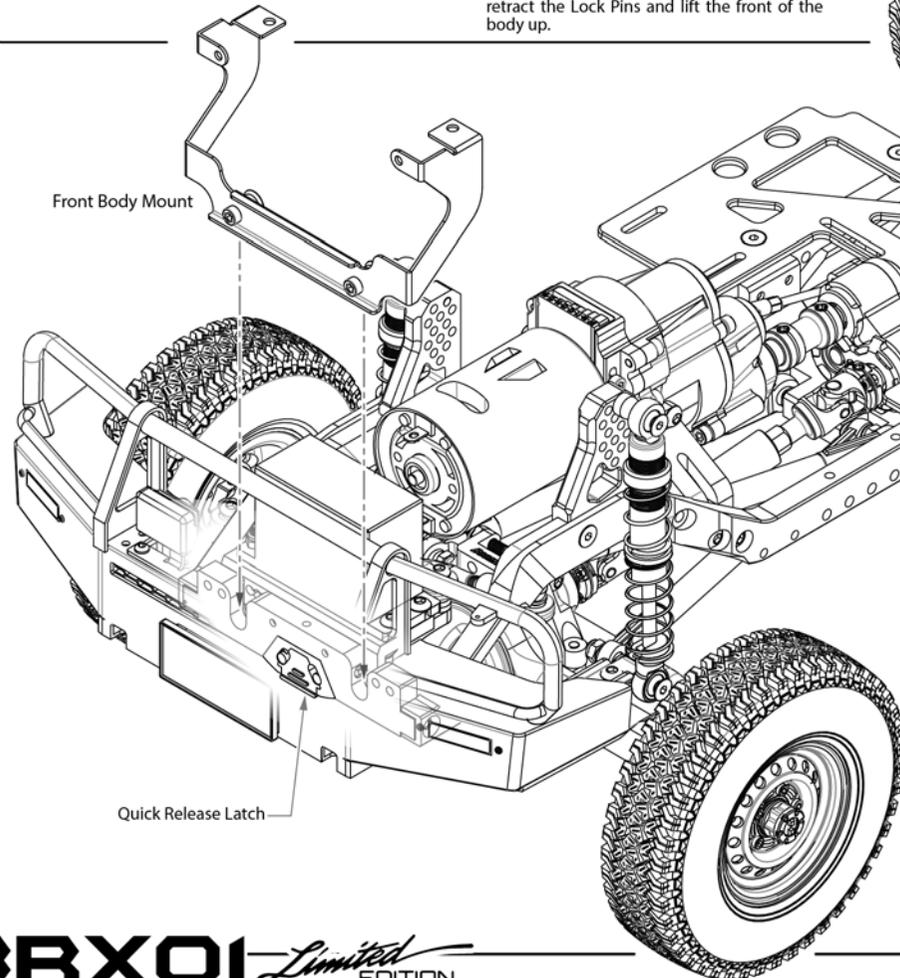
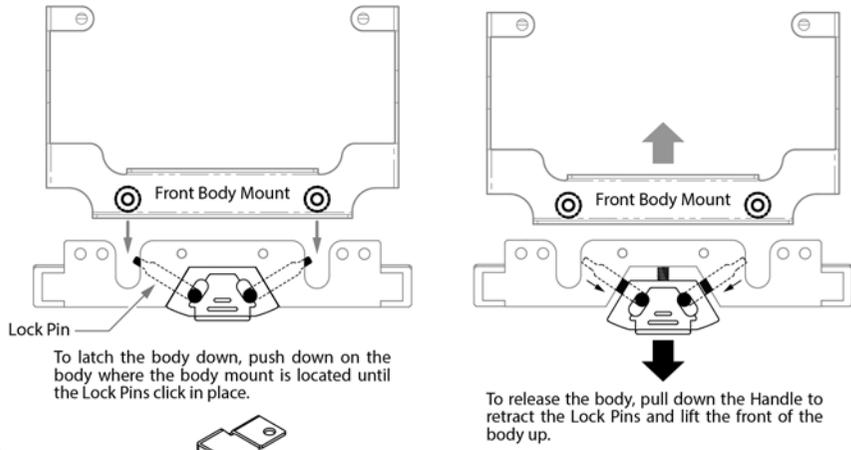
16 FENDER

M1.6x5 SC x 12
#BRSCH1605

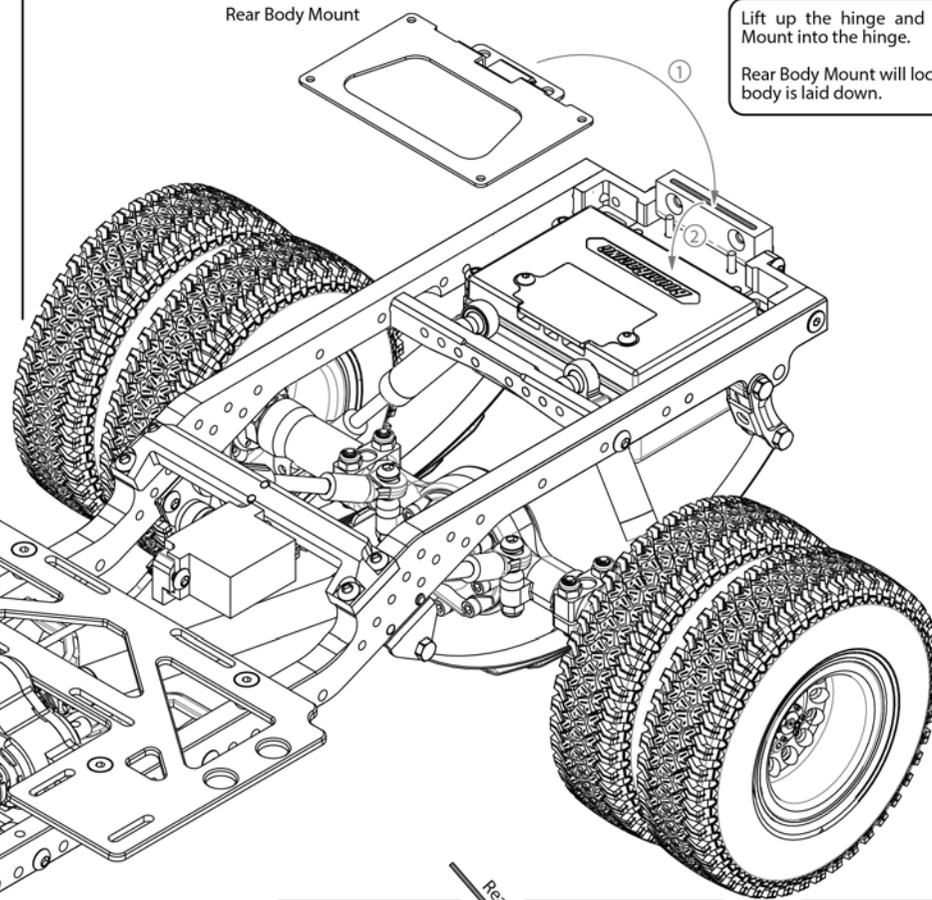


22 - LC70 FRONT & REAR BODY MOUNT

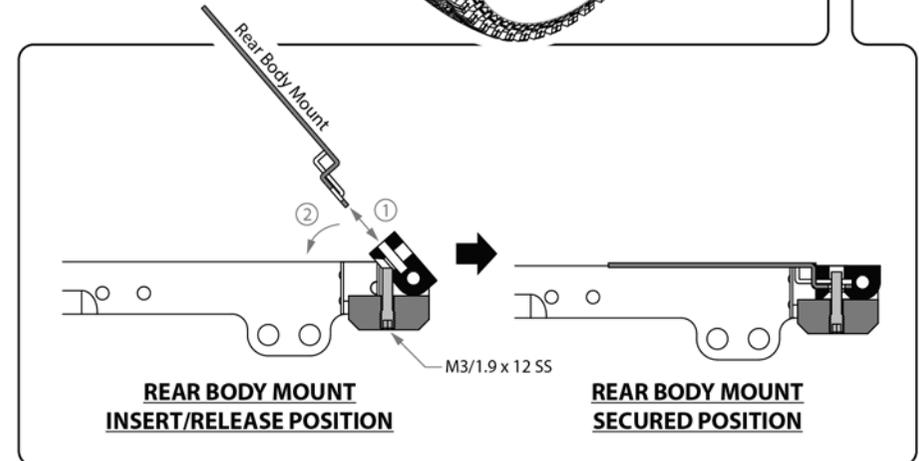
OPERATING THE QUICK RELEASE LATCH SYSTEM



Rear Body Mount



Lift up the hinge and insert the Rear Body Mount into the hinge.
Rear Body Mount will lock in place when the body is laid down.

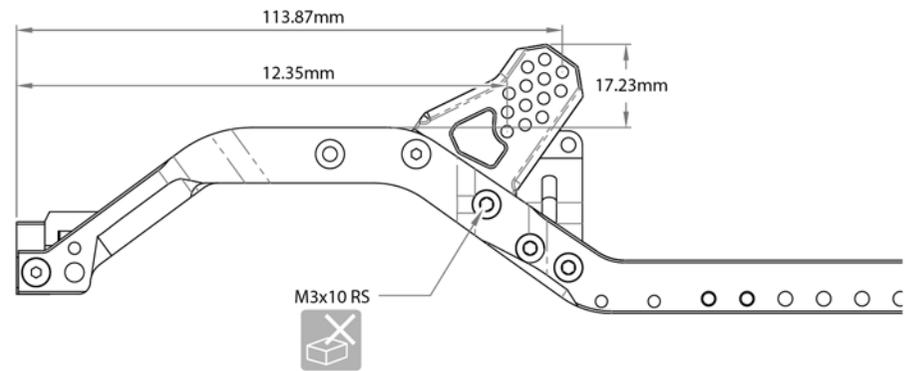
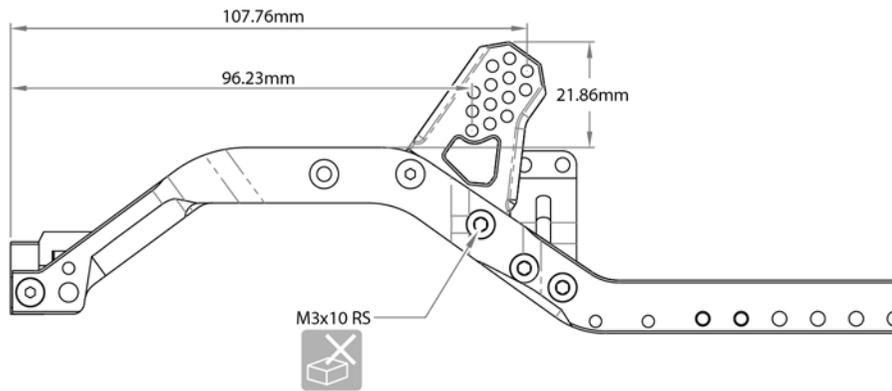
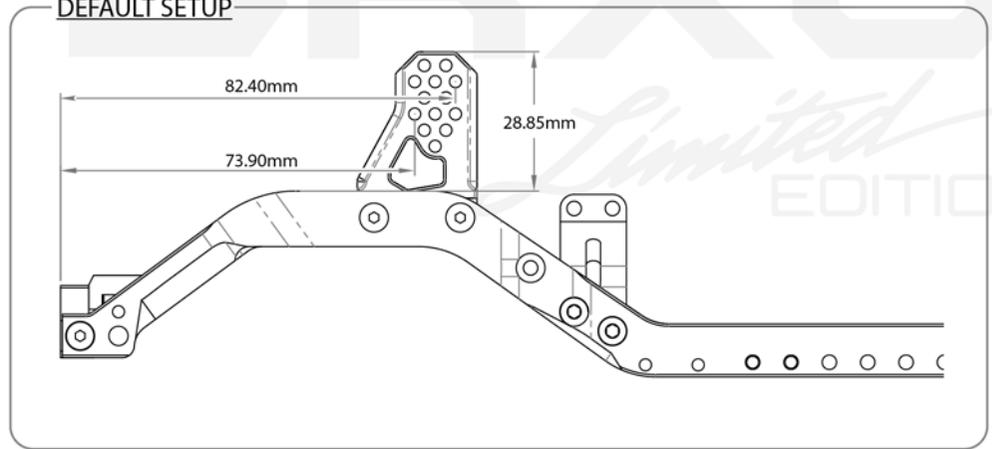
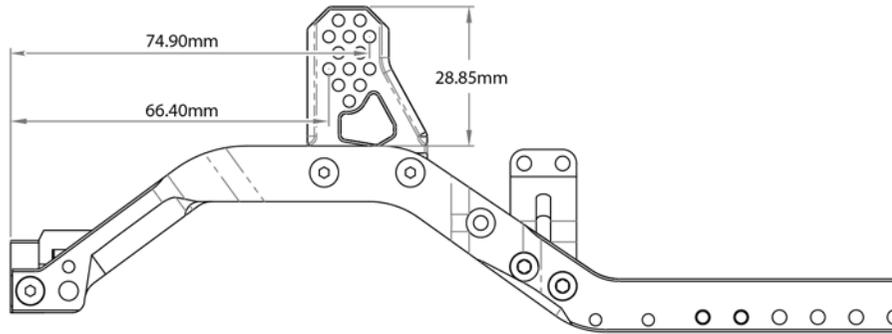


LC70 BODY MOUNTS

LC70 BODY MOUNTS

23 - OPTIONAL FRONT SHOCK TOWER SETUP

DEFAULT SETUP

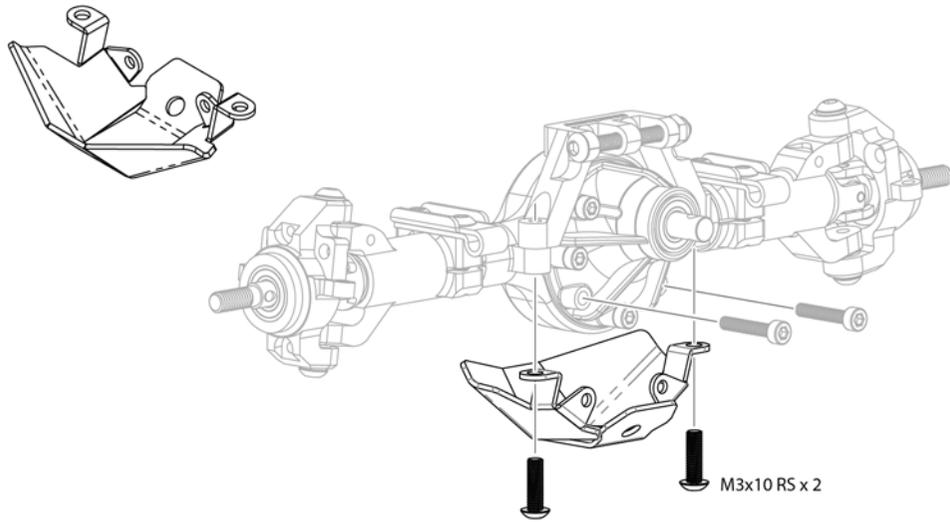


OPTIONAL FRONT SHOCK TOWER SETUP

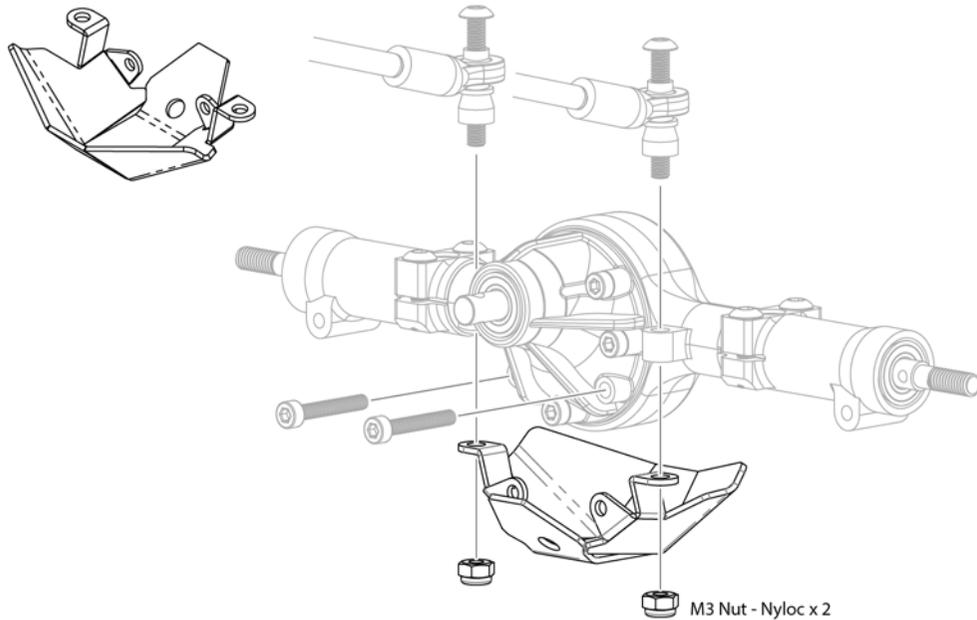
OPTIONAL FRONT SHOCK TOWER SETUP

24 - ADDITIONAL UPGRADE PARTS

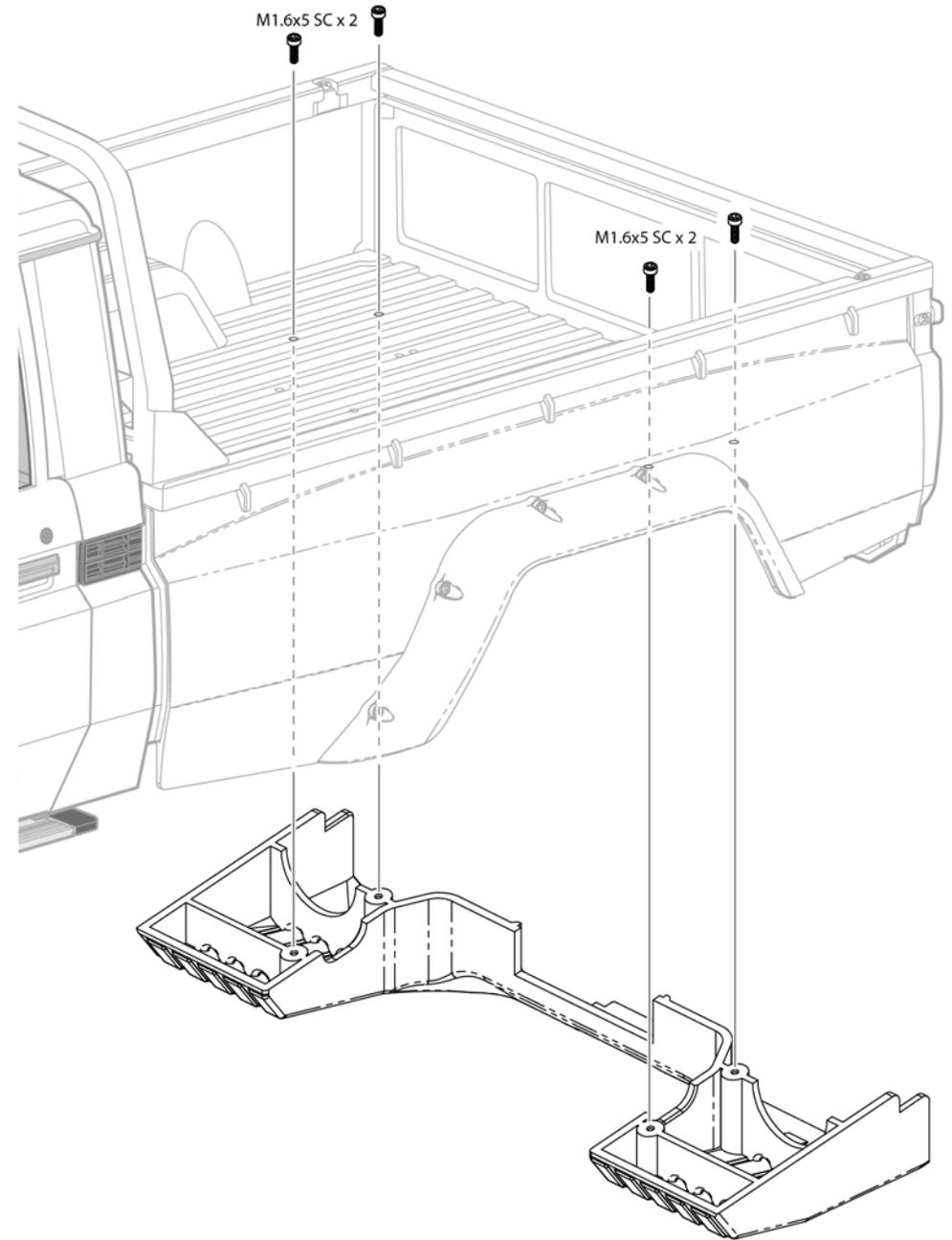
FRONT SKID PLATE FOR BRX70 & BRX90 PHAT AXLE (#BRLC7086F)



REAR SKID PLATE FOR BRX70 & BRX90 PHAT AXLE (#BRLC7086R)



REAR SKID PLATE FOR LC70 BODY (#BRLC7085)

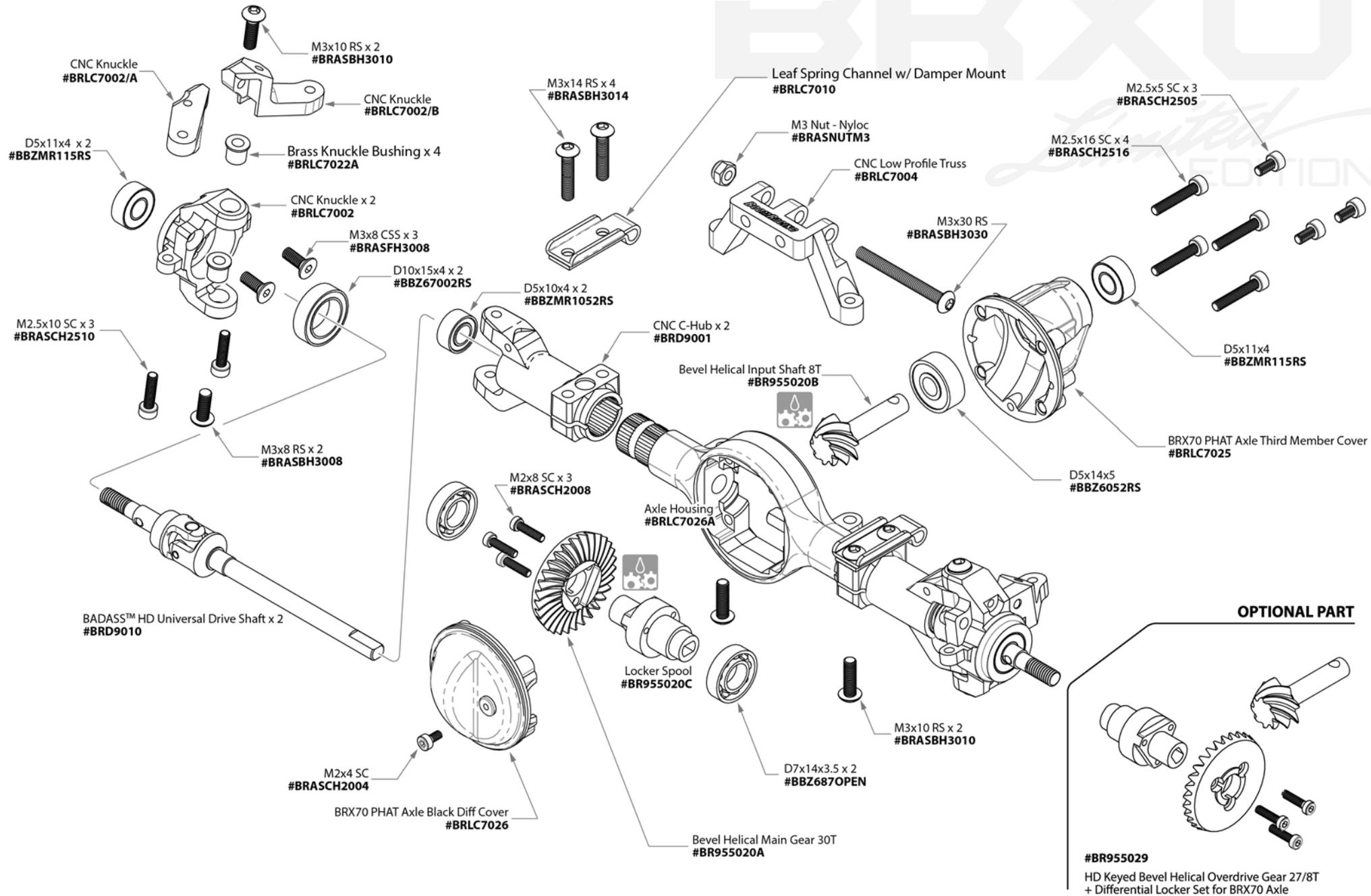


ADDITIONAL UPGRADE PARTS

ADDITIONAL UPGRADE PARTS

PRE-ASSEMBLED FRONT AXLE

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



OPTIONAL PART

#BR955029
HD Keyed Bevel Helical Overdrive Gear 27/8T + Differential Locker Set for BRX70 Axle

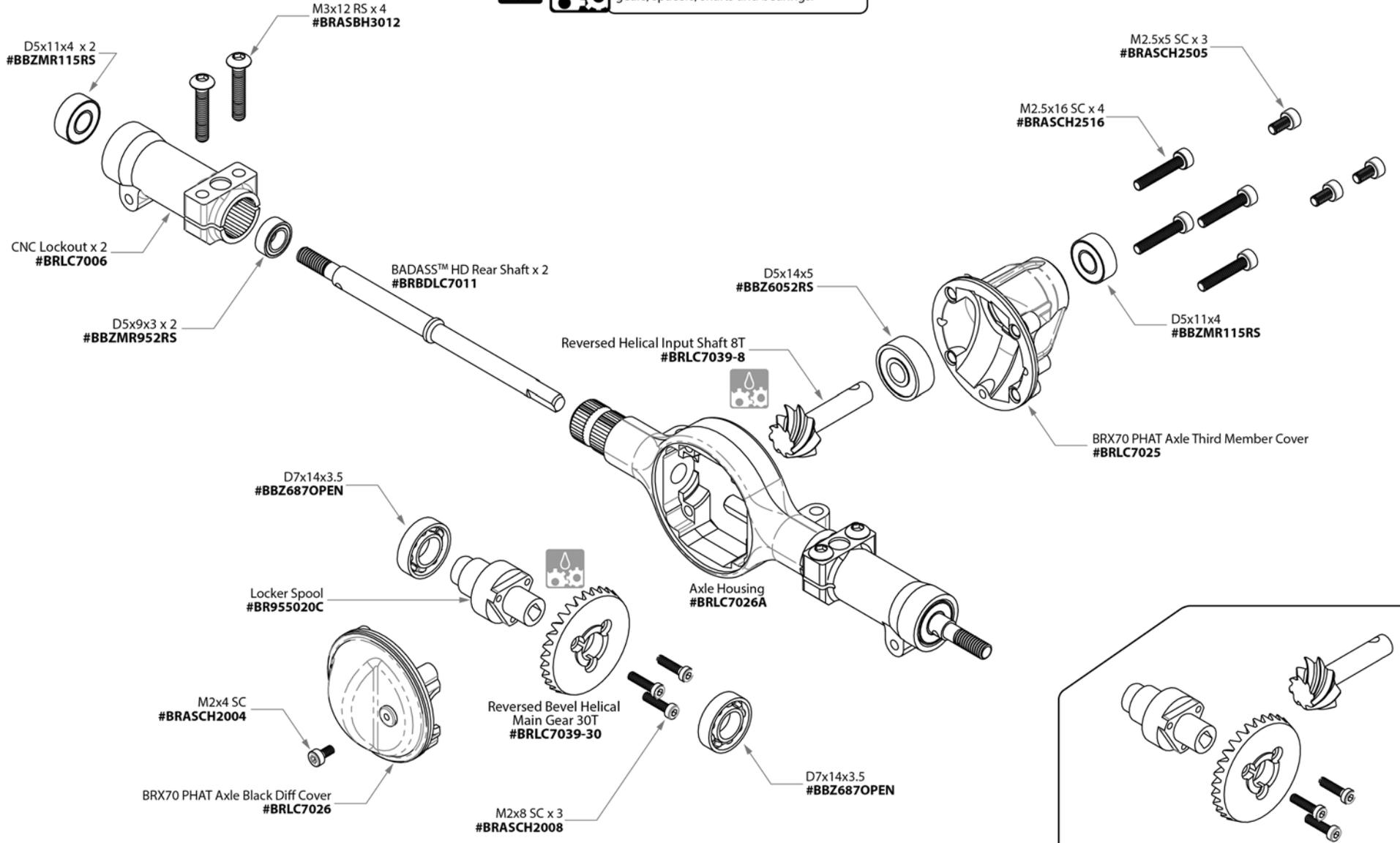
PRE-ASSEMBLED PARTS

PRE-ASSEMBLED PARTS

PRE-ASSEMBLED REAR AXLE



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



#BRLC7039
HD Reversed Keyed Bevel Helical Gear 30/8T Set + Differential Locker Spool Set for BRX70 Axle

PRE-ASSEMBLED PARTS

PRE-ASSEMBLED PARTS

PARTS LIST

| Part # | Description | Part # | Description |
|---------------|---|---------------|---|
| BBZ6052RS | 5x14x5mm High Performance Rubber Sealed Bearing (1) | BRASFH3010 | M3x10 CSS Counter Sunk Screw (10) |
| BBZ67002RS | 10x15x4mm High Performance Rubber Sealed Bearing (1) | BRASFH3012 | M3x12 CSS Counter Sunk Screw (10) |
| BBZ687OPEN | 7x14x3.5mm High Performance Open Ball Bearing (1) | BRASFH3018 | M3x18 CSS Counter Sunk Screw (10) |
| BBZMR1052RS | 5x10x4mm High Performance Rubber Sealed Bearing (1) | BRASFH3020 | M3x20 CSS Counter Sunk Screw (10) |
| BBZMR115RS | 5x11x4mm High Performance Rubber Sealed Bearing (1) | BRASFH3022 | M3x22 CSS Counter Sunk Screw (10) |
| BBZMR1172RS | 7x11x3mm High Performance Rubber Sealed Bearing (1) | BRASFH3026 | M3x26 CSS Counter Sunk Screw (10) |
| BBZMR952RS | 5x9x3mm High Performance Rubber Sealed Bearing (1) | BRASNUTM2 | Lock Nut M2 (5) |
| BR302011 | CNC High Clearance Skid Plate | BRASNUTM3 | Lock Nut M3 Nyloc (5) |
| BR955020 | HD Steel Keyed Bevel Helical Gear 30/8T & Diff Locker Spool Set | BRASNUTM4 | Lock Nut M4 Nyloc (5) |
| BR955020A | HD Steel Bevel Helical Main Gear 30T for BR955020 | BRASORD8-15 | D8x1.5 Rubber O-Ring (10) |
| BR955020B | HD Steel Bevel Helical Input Shaft 8T for BR955020 | BRASPIN210 | Steel Pin 2x10mm (10) |
| BR955020C | HD Steel Locker Spool for BR955020 BR955029 BRLC7039 | BRASSPD427/N | D4x7x2 Nylon Spacer (5) |
| BRASBH2007 | M2x7 RS Round Head Screw (10) | BRASSPD471/N | D4x7x1 Nylon Spacer (5) |
| BRASBH2008 | M2x8 RS Round Head Screw (10) | BRASSPD5802 | D5x8x2 Nylon Spacer (5) |
| BRASBH2506 | M2.5x6 RS Round Head Screw (10) | BRASSPD61101 | D6x11x1 Nylon Spacer (5) |
| BRASBH3006 | M3x6 RS Round Head Screw (10) | BRASSPD61102 | D6x11x2 Nylon Spacer (5) |
| BRASBH3008 | M3x8 RS Round Head Screw (10) | BRASSPD5727 | D5x7x2.7 Spacer (5) |
| BRASBH3010 | M3x10 RS Round Head Screw (10) | BRASSPD5801 | D5x8x0.1 Spacer (10) |
| BRASBH3012 | M3x12 RS Round Head Screw (10) | BRASSPD5805 | D5x8x0.5 Spacer (10) |
| BRASBH3012/ST | M3x12 Self Tapping Screw (10) | BRASST3003 | M3x3 SS Set Screws (10) |
| BRASBH2506/ST | M2.5x6 Self Tapping Screw (10) | BRASST3019/DS | M3/1.9x12 SS Driveshaft Screw Pin (5) |
| BRASBH3014 | M3x14 RS Round Head Screw (10) | BRASST3022/DS | M3/2.2x12 SS Driveshaft Screw Pin (5) |
| BRASBH3016 | M3x16 RS Round Head Screw (10) | BRASST3024/DS | M3/2.4x12 SS Driveshaft Screw Pin (5) |
| BRASBH3018 | M3x18 RS Round Head Screw (10) | BRASST4006 | M4x6 SS Set Screw (10) |
| BRASBH3020 | M3x20 RS Round Head Screw (10) | BRASST4016 | M4x16 SS Set Screw (10) |
| BRASBH3022 | M3x22 RS Round Head Screw (10) | BRBD955003B | BADASS™ Heavy Duty Steel Center Drive Shaft 101-131mm (Pin to Pin) |
| BRASBH3024 | M3x24 RS Round Head Screw (10) | BRBD955003C | BADASS™ Heavy Duty Steel Center Drive Shaft 81-109mm (Pin to Pin) |
| BRASBH3028 | M3x28 RS Round Head Screw (10) | BRBDLC7011 | BADASS™ HD Steel Rear Shaft for BRX70 Axle (2) |
| BRASBH3030 | M3x30 RS Round Head Screw (10) | BRBNUT4011 | M4x11 Barrel Nut (2) |
| BRASCH1605 | M1.6x5 SC Socket Cap Screw (10) | BRBNUT4016 | M4x16 Barrel Nut (2) |
| BRASCH2004 | M2x4 SC Socket Cap Screw (10) | BRD9001 | CNC C-Hub for BRX90 (2) |
| BRASCH2005 | M2x5 SC Socket Cap Screw (10) | BRD9003 (LT) | Stainless Steel Steering Link Tie Rod for BRX90 Axle |
| BRASCH2008 | M2x8 SC Socket Cap Screw (10) | BRD9010 | BADASS™ HD Steel Universal Drive Shaft for BRX90 Axle (2) |
| BRASCH2505 | M2.5x5 SC Socket Cap Screw (10) | BRD9022 | BRX90 Complete Front Axle |
| BRASCH2506 | M2.5x6 SC Socket Cap Screw (10) | BRGRS01 | BADASS™ Siliking Grease 5g |
| BRASCH2508 | M2.5x8 SC Socket Cap Screw (10) | BRGRS08 | BADASS™ Black Graphite Grease 5g |
| BRASCH2510 | M2.5x10 SC Socket Cap Screw (10) | BRGRS09-5GB | BADASS™ Shock Slime 5g |
| BRASCH2514 | M2.5x14 SC Socket Cap Screw (10) | BRGRS10 | Artificial Leather Lock Strap (2) |
| BRASCH2516 | M2.5x16 SC Socket Cap Screw (10) | BRLC7002 | CNC Knuckle for BRX70 Axle (2) |
| BRASCH3008 | M3x8 SC Socket Cap Screw (10) | BRLC7002/A | CNC Knuckle Lever for BRX70 Axle |
| BRASCH4012 | M4x12 SC Socket Cap Screw (10) | BRLC7002/B | CNC Knuckle Arm for BRX70 Axle (2) |
| BRASEC30 | E-Clip 3mm (10) | BRLC7004 | CNC Low Profile Truss for BRX70 Axle |
| BRASFH2005 | M2x5 CSS Counter Sunk Screw (10) | BRLC7005 | CNC Link Mount for BRX70 Axle (2) |
| BRASFH2010 | M2x10 CSS Counter Sunk Screw (10) | RBLC7006 | CNC Lockout for BRX70 Axle (2) |
| BRASFH2508 | M2.5x8 CSS Counter Sunk Screw (10) | BRLC7009 | CNC 2-Speed Shift Servo Mount |
| BRASFH3008 | M3x8 CSS Counter Sunk Screw (10) | BRLC7011 (LT) | CNC Billet Chassis Rail 7mm Left & Right (2) |



PARTS LIST

| Part # | Description | Part # | Description |
|---------------|--|------------------|---|
| BRLC7012 | CNC Rear Crossmember | BRLC7052F (LT) | Front Aluminum Double Spring Shocks 80mm w/ Optional Soft Springs (2) |
| BRLC7013 | CNC Rear Body Hinge Mount | BRLC7052R | Rear Aluminum Double Spring Shocks 80mm w/ Optional Soft Springs (2) |
| BRLC7014 (LT) | CNC Middle Crossmember | BRLC7052-REBUILD | Rebuild Kit for Double Spring Shocks (2) |
| BRLC7015 | CNC Front Crossmember | BRLC7055 | CNC Long Low Profile Servo Horn 25T Black |
| BRLC7016 | CNC Steering Servo Mount | BRLC7056 | 8mm Aluminum 12mm Hex Adaptors with Pins & Set Screws (4) Black |
| BRLC7018 (LT) | Cast Aluminum Shock Mount Left & Right (2) | BRLC7058 | BRX70 Complete Rear Axle w/ Reversed 30/8T HD Keyed Gear & BADASS HD Steel Shaft |
| BRLC7019 | CNC BCF2 TM Gearbox Side Mount (2) | BRLC7059 | Extension Cable (2) |
| BRLC7021 (LT) | CNC Battery & Electronics Mount Plate | BRLC7060 | Circle Clip (5) |
| BRLC7022A | Brass Bushing for BRX70 Knuckle (4) | BRLC7062 (LT) | "Tool Free" Quick Release Latch |
| BRLC7023 | BRX70 Complete Rear Axle | BRLC7063A | M4 Aluminum Link - 63mm (2) |
| BRLC7024 | BRX70 Axle Housing with Diff Cover (Black) | BRLC7063B | BCF2 TM Gearbox End Mount |
| BRLC7025 | BRX70 Axle Third Member Cover | BRLC7064 (LT) | BRX01 Rear Leaf Spring Conversion Kit |
| BRLC7026 | BRX70 Axle Diff Cover (Black) | BRLC7064A | Leaf Spring Set (2) |
| BRLC7026A | BRX70 Axle Housing | BRLC7064B | CNC Stock Crossmember |
| BRLC7027 (LT) | CNC BCF2 TM Gearbox Adapter with Motor Mount | BRLC7064C (LT) | Stainless Steel M4x40 Antiwarp Bar (2) |
| BRLC7028 (LT) | Stainless Steel Connection Shaft | BRLC7064D | Shackle (2) |
| BRLC7029 (LT) | Cast Aluminum BCF2 TM Gearbox Housing | BRLC7064E | M3x14 Bolt (6) |
| BRLC7029-12T | Heavy Duty 12T Steel Cut Gear | BRLC7064F | Leaf Retainer (2) |
| BRLC7029-15T | Heavy Duty 15T Steel Cut Gear | BRLC7064G | Leaf Spring Channel (2) |
| BRLC7029-20T | Heavy Duty 20T Steel Cut Gear | BRLC7065 | Reinforced Bumper & Body Mount Set for Killerbody ARB Bull Bar |
| BRLC7029-24T | Heavy Duty 24T Steel Cut Gear | BRLC7065C | Stainless Steel Cross Bar (6mm) (2) |
| BRLC7029-32T | Heavy Duty 32T Steel Cut Gear | BRLC7069 | Reinforced Front Body Mount |
| BRLC7030 | Ultra-Hard Steel Spur Gear Mount | BRLC7072 | Center Rear Skid Slider |
| BRLC7031 | Internal Spur Gear 28T 32 Pitch | BRLC7075-70BK | M4 High Clearance Stainless Steel Link (2) |
| BRLC7032 | Steel Motor Spacer | BRLC7085 | Rear Skid Plate for BRX01 LC70 Body |
| BRLC7033 (LT) | Receiver Box Kit | BRLC7086F | Front Skid Plate for BRX70 & BRX90 PHAT TM Axle |
| BRLC7033A | Silicone Seal for Receiver Box | BRLC7086R | Rear Skid Plate for BRX70 & BRX90 PHAT TM Axle |
| BRLC7039 | HD Steel Reversed Keyed Bevel Helical Gear 30/8T & Diff Locker Spool Set | BRPG3212-3 | 32P 12T / 3.175mm Steel Pinion Gear |
| BRLC7039-30 | HD Steel Reversed Bevel Helical Main Gear 30T | BRQ763069 | Complete Transfer Case |
| BRLC7039-8 | HD Steel Reversed Helical Input Shaft 8T | BRQ90351 | D2 Ball End - M2 Link Rod Joint (2) |
| BRLC7040 (LT) | 3x6x5 Tapper Spacer (4) | BRSH700-2 (LT) | 70mm Aluminum Absorber (2) |
| BRLC7041 (LT) | 3x6x3 Tapper Spacer (4) | BRSORD6-15 | D6x1.5 O-Ring (10) |
| BRLC7042 (LT) | 3x6x6 Tapper Spacer (4) | BRT10028 | Tool Kit |
| BRLC7043 | Steel Center Drive Shafts (2) Front: 90-100mm Rear: 125-145mm | BRT10037 | Cable Wiring Retainer (18pcs) |
| BRLC7044 | Ultra-Hard Steel Gearbox Shaft (3) | BRTR15501 | 1.55" SP ROAD TRACKER CRAWLER TM Tire 3.46"x0.94" (88x24mm) Gekko Compound w/ Open Cell Foam Insert (2) |
| BRLC7044A | Ultra-Hard Steel Gear Catcher | | 1.55" Single Stage Open Cell Foam for SP ROAD TRACKER CRAWLER TM Tire (2) |
| BRLC7044E | BCF2 TM 2-Speed Gear Unit | BRTR35501 | Stainless Steel Flanged Pivot Ball for Rod Ends (10) |
| BRLC7045A | Brass Shifter Cap and Bushing | BRW750300 (LT) | KUDU TM HD Rust-Resistant Rod Ends M4 Nylon (Straight) 18.5MM w/ SST Pivot Ball (5.8x3x7.4mm) (10) |
| BRLC7045B | Ultra-Hard Steel Shifter | BRW750306A | KUDU TM HD Rust-Resistant Rod Ends M4 Nylon (Upwards) 20.00MM w/ SST Pivot Ball (5.8x3x7.4mm) (10) |
| BRLC7045C | Stainless Steel Shift Rod | BRW750307D | KUDU TM HD Rust-Resistant Rod Ends M4 Nylon (Sideways) 19.5MM w/ SST Pivot Ball (5.8x3x7.4mm) (10) |
| BRLC7046 | HD Steel Cut Transfer Case Gears and Steel Shafts Set (5Pcs) | BRW750308C | KUDU TM HD Rust-Resistant Rod Ends M4 Nylon (Straight) 21.8MM w/ SST Pivot Ball (5.8x3x7.4mm) (10) |
| BRLC7047 (LT) | Cast Aluminum SRD TM Transfer Case Housing | BRW750309B | KUDU TM HD Rust-Resistant Rod Ends M4 Nylon (Upwards) 23.7MM w/ SST Pivot Ball (5.8x3x7.4mm) (10) |
| BRLC7048B | Rear Body Mount | BRW750310E | Center Hubs Cab (Front) for 1.55"/1.9" Beadlock Wheels (2) |
| BRLC7049 | Aluminum 2-Speed Servo Horn Set | BRW780909/COVERF | Center Hubs Cab (Rear) for 1.55"/1.9" Beadlock Wheels (2) |
| BRLC7050 (LT) | SST Counter Threaded Drag Link / Panhard Link for BRX70 Axle (2) | BRW780909/COVERR | Scale 4WD Center Locking Hub Cap (Front) for 1.55"/1.9" Beadlock Wheels (2) |
| BRLC7051 (LT) | Spring Steel Shift Rod | BRW780921GD | |

PARTS LIST



| Part # | Description |
|-----------------|--|
| BRW780955A | 1.55" 16-Hole Classic Steelie Beadlock Front Faceplate (2) Gun Metal |
| BRW780955FGM | 1.55" 16-Hole Classic Steelie Reversible Beadlock Wheels (Front) w/ XT504 Hubs (2) Gun Metal |
| BRW780955RGM | 1.55" 16-Hole Classic Steelie Reversible Beadlock Wheels (Rear) w/ XT504 Hubs (2) Gun Metal |
| BRXT504 | XT504 Aluminum 12mm Wheel Hub Adapters 4mm Offset (2) |
| BRXT5DU | Adjustable Dually Adapter (5 Lug) 8.5mm to 14.5mm (2) |
| BRLC7066V2 | 3D-Printed Rear Panel for LC70 Hard Body (2) |
| BRLC7086 | Molded Rubber Rear Fender (2) |
| BRLC7087 | Molded Rubber Front Fender (2) |
| CC/D-AA02 | VM Front Bumper for BRX01 |
| JX/PDI-HV1151MG | JX High Voltage Waterproof Metal Gear Digital Mini Servo 4.5kg 0.08s @ 8.4V |
| KB/48601 | Killerbody RC 1/10 LC70 Hard Body Set 313mm Version 2 |

Optional Accessories

Overdrive Gears

| | |
|-----------|---|
| BR955029 | Overdrive HD Steel Keyed Bevel Helical Gear 27/8T & Diff Locker Spool Set |
| BR955029A | Overdrive HD Bevel Helical Main Gear 27T for BR955029 |
| BR955029B | Overdrive HD Bevel Helical Input Shaft 8T for BR955029 |

Pinion Gear

| | |
|----------------|---|
| BRPG3209-3 | 32P 9T / 3.175mm Steel Pinion Gear |
| BRPG3210-3 | 32P 10T / 3.175mm Steel Pinion Gear |
| BRPG3211-3 | 32P 11T / 3.175mm Steel Pinion Gear |
| BRPG3213-3 | 32P 13T / 3.175mm Steel Pinion Gear |
| BRPG3214-3 | 32P 14T / 3.175mm Steel Pinion Gear |
| BRPG3215-3 | 32P 15T / 3.175mm Steel Pinion Gear |
| BRPG3216-3 | 32P 16T / 3.175mm Steel Pinion Gear |
| BRPG32COMBO1-3 | 32P Steel Pinion Gear Combo 9T-12T (4) |
| BRPG32COMBO2-3 | 32P Steel Pinion Gear Combo 13T-16T (4) |

Shock Oil

| | |
|----------|---|
| BRSHK010 | BADASS™ Silicone Shock Oil 10wt 60ml |
| BRSHK015 | BADASS™ Silicone Shock Oil 15wt 60ml |
| BRSHK020 | BADASS™ Silicone Shock Oil 20wt 60ml |
| BRSHK025 | BADASS™ Silicone Shock Oil 25wt 60ml |
| BRSHK030 | BADASS™ Silicone Shock Oil 30wt 60ml |
| BRSHK035 | BADASS™ Silicone Shock Oil 35wt 60ml |
| BRSHK040 | BADASS™ Silicone Shock Oil 40wt 60ml |
| BRSHK045 | BADASS™ Silicone Shock Oil 45wt 60ml |
| BRSHK050 | BADASS™ Silicone Shock Oil 50wt 60ml |
| BRSHK055 | BADASS™ Silicone Shock Oil 55wt 60ml |
| BRSHK060 | BADASS™ Silicone Shock Oil 60wt 60ml |
| BRSHK065 | BADASS™ Silicone Shock Oil 65wt 60ml |
| BRSHK070 | BADASS™ Silicone Shock Oil 70wt 60ml |
| BRSHK075 | BADASS™ Silicone Shock Oil 75wt 60ml |
| BRSHK080 | BADASS™ Silicone Shock Oil 80wt 60ml |

Bearing Set

| | |
|------------|--|
| BRX01BBZ | High Performance Full Ball Bearings Set Rubber Sealed (32 Total) |
| BRX01FABBZ | High Performance Ball Bearings Set Rubber Sealed For Front Axle (10 Total) |
| BRX01GBBBZ | High Performance Ball Bearings Set Rubber Sealed For Gearbox (8 Total) |
| BRX01RABBZ | High Performance Ball Bearings Set Rubber Sealed For Rear Axle (8 Total) |
| BRX01TCBBZ | High Performance Ball Bearings Set Rubber Sealed For Transfer Case (6 Total) |

Thread Lock

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|----------|--------------------------|
| BRGRS242 | 242 Blue Thread Lock 10g |
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