



GELÄNDE II

***1/18 SCALE PERFORMANCE RC TRUCK
WITH DEFENDER D90 BODY SET***

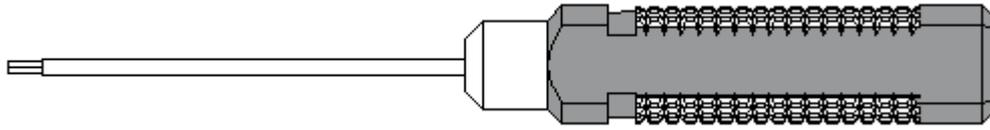
INSTRUCTION MANUAL



Body Shown Painted For Example Only.



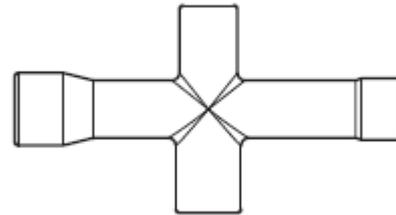
Recommended Tools



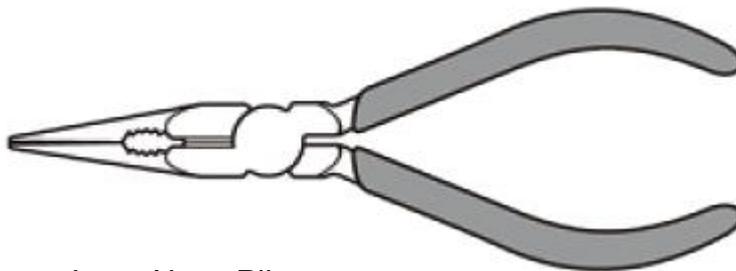
Hex Drivers (1.5mm, 2mm, 2.5mm)



Thread Lock



Cross Wrench (M2)



Long Nose Pliers

Tips for Assembly

Use good quality hex drivers to avoid stripping screw heads.

Use thread lock when putting metal screws into metal parts.

Note: Steps marked with an asterisk (*) require thread lock.

Use thread lock sparingly.

Do not over tighten screws otherwise you may strip the thread.

The logo for RC4WD GELÄNDE II, featuring the brand name in a stylized, outlined font.

RC4WD Limited Warranty

All RC4WD products are warranted to be free of defects in materials and workmanship when new. Our limited warranty does not cover damages due to normal wear and tear, user error of assembly or installation, user modifications, user's failure to perform routine maintenance, addition of aftermarket parts or option parts. This warranty lasts as long as the original purchaser owns the product. In the event of a defect under this warranty, RC4WD will, at our discretion, replace the product, provided our inspection indicates that an original defect exists. RC4WD reserves the right to replace any product which is no longer available with a product of comparable value and function. If RC4WD determines the repair is not covered under warranty guidelines, we will contact you to discuss your options. If you have any questions, please contact us via email at support@rc4wd.com.



WARNING

WARNING: Please Read Before Charging or Using Battery

IMPORTANT SAFETY INSTRUCTIONS AND WARNINGS

Lithium Polymer and Li-ion batteries are volatile. Failure to read and follow the below instructions may result in fire, personal injury and/or damage to property if charged or used improperly.

When charging battery pack, please place battery in a fire proof container. Please do not leave battery pack and charger on wood, carpet or other similar materials unattended. Li-ion & Polymer battery pack(s) **MUST** be kept away from children.

Please make sure to charge using a smart charger. Smart chargers help to regulate the battery pack balance during the charging process.

Please pay close attention to polarity connections when charging and discharging battery packs to avoid improper connections. Always double check polarity of each battery's connector to so that red wires are connected to red wires and black wires are connected to black wires **ONLY**.

Always unplug the battery when the RC vehicle is not in use.

Never charge batteries unattended. When charging Li-ion batteries, you should always remain in constant observation to monitor the charging process and react to potential problems that may occur.

Some LiPo/Li-ion chargers on the market may have technical deficiencies that may cause improper charge or incorrect rate of charge to the LiPo/Li-ion batteries. It is your sole responsibility to ensure the charger you purchased works properly. Always monitor the charging process to ensure batteries are being charged properly. Failure to do so may result in fire. We recommend our charger Z-E0047 be used in conjunction with this truck.

If at any time you witness a battery start to inflate, swell up, smoke or become hot, discontinue charging process immediately. Disconnect the battery and observe it in a safe place for approximately 15 minutes. This may cause the battery to leak and the reaction with air may cause the chemicals to ignite, resulting in fire.

Since delayed chemical reaction can occur, it is best to observe the battery as a safety precaution. Observation should occur in a safe area outside of any building or vehicle and away from any combustible materials.

Wire lead shorts can cause fire! If you accidentally short the wires, the battery must be placed in a safe area for observation for approximately 15 minutes. Additionally, if a short occurs and contact is made with metal (such as rings on your hand), severe injuries may occur due to the conductivity of electric current. Please note that a battery can still ignite even after 10 minutes.



Never store or charge battery pack(s) inside your car and/or in extreme temperatures as extreme temperatures may cause fire ignition.

Never drop or hit the batteries. We recommend that any unused batteries are stored in an enclosure to prevent any damages that may be caused by coming in contact with liquid or impact from accidental dropping.

Charging Process

When charging, please note the cables' positive and negative ends to ensure an incorrect polarity connection is not made. Charging must be in LiPo Balance Mode and charging voltage should be 7.4V (2S) with 0.5A.

Please select a charge rate current that does not exceed the battery's allowed charging current (0.8A)

Do not leave the battery plugged in. When you have completed using your RC vehicle, always unplug the battery. Please note that batteries should be charged every 2 months to keep them fresh (even without regular usage). Follow proper Storage & Transportation instructions below.

Storage & Transportation

For best results, store batteries at a room temperature between 40 and 80 degrees F. Do not expose battery pack to direct sunlight (heat) for extended periods. When transporting or temporarily storing in a vehicle, temperature range should be greater than 20 degrees F but no more than 150 degrees F.

Storing batteries at temperatures greater than 170 degrees F for extended periods of time (more than 2 hours) may cause damage to battery and become a potential fire hazard.

Battery Life

Batteries that lose 20% of their capacity must be removed from service and disposed of properly. Discharge the battery to 3V/Cell, making sure output wires are insulated then wrap battery in a bag for disposal.

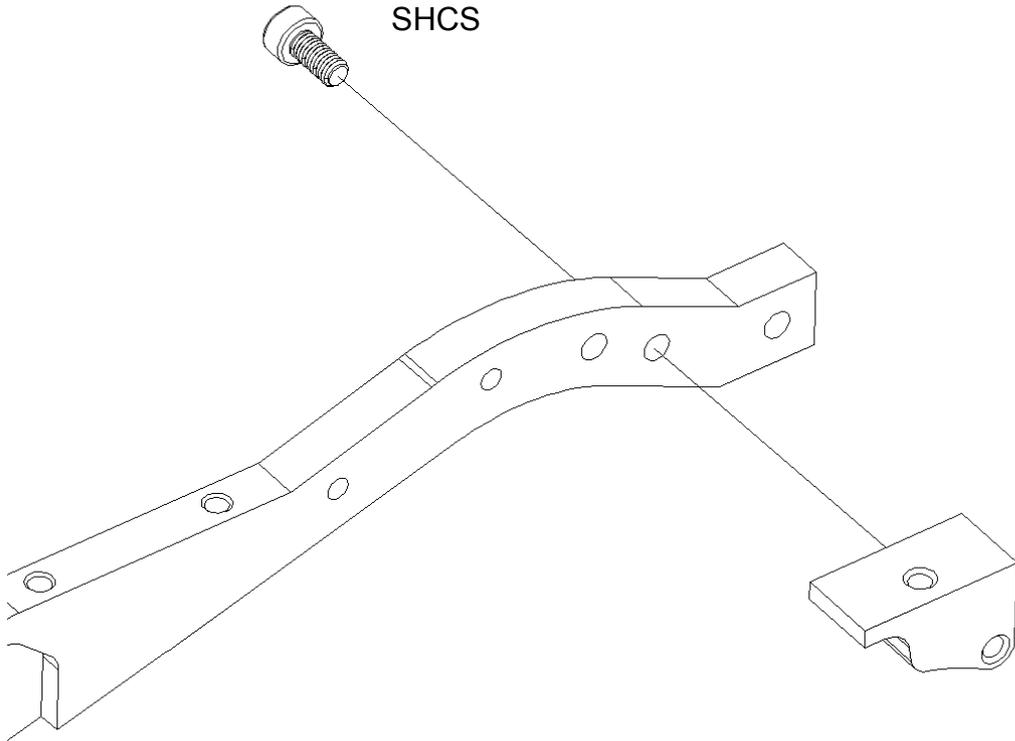
Product Warranty

Product Warranty is limited to original defects in material and workmanship. Warranty does not cover collateral damage. Due to the nature and use of this product, there is no term warranty. Misuse, abuse, incorrect charging, failure to comply with the above warnings and guidelines, and other inappropriate use of this product are not covered under warranty.



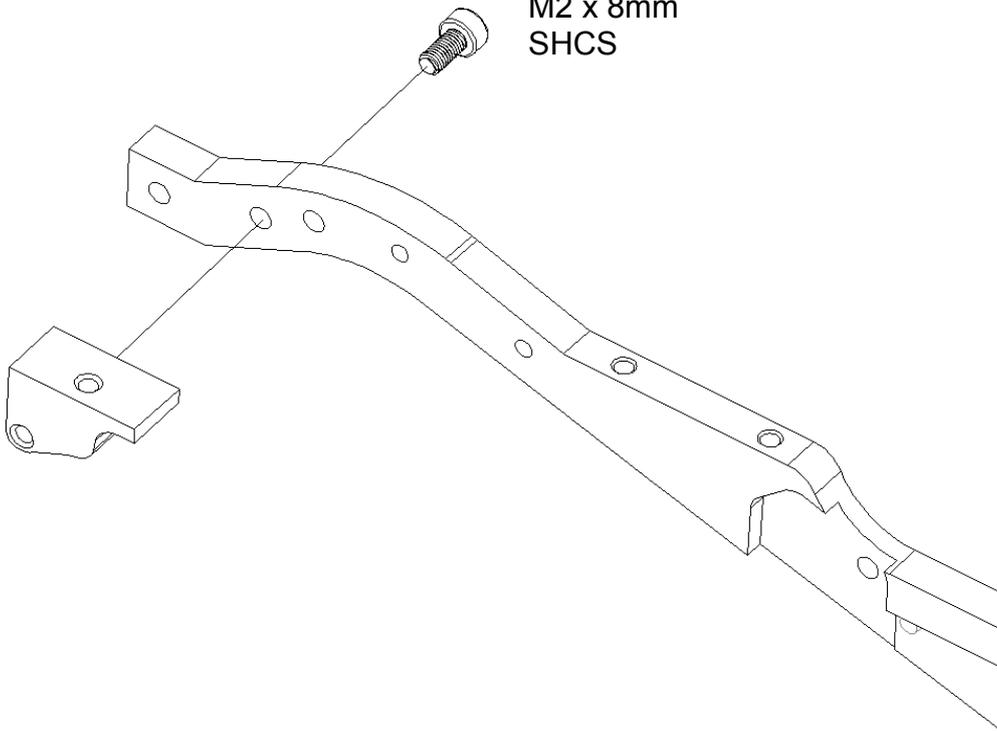
1*

M2 x 8mm
SHCS



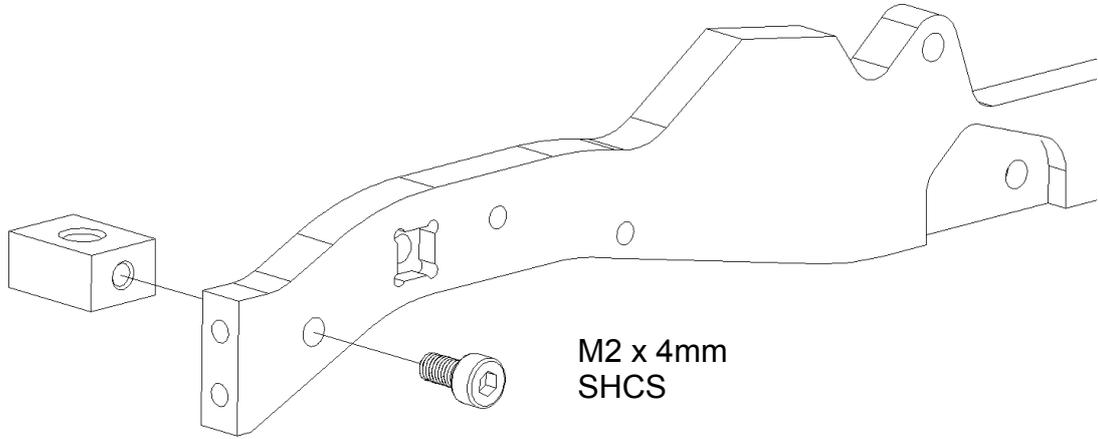
2*

M2 x 8mm
SHCS



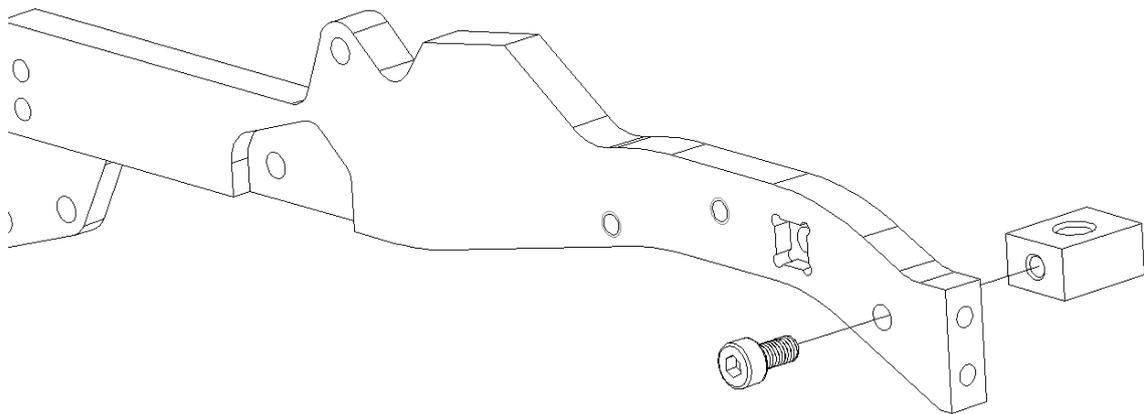


3*



M2 x 4mm
SHCS

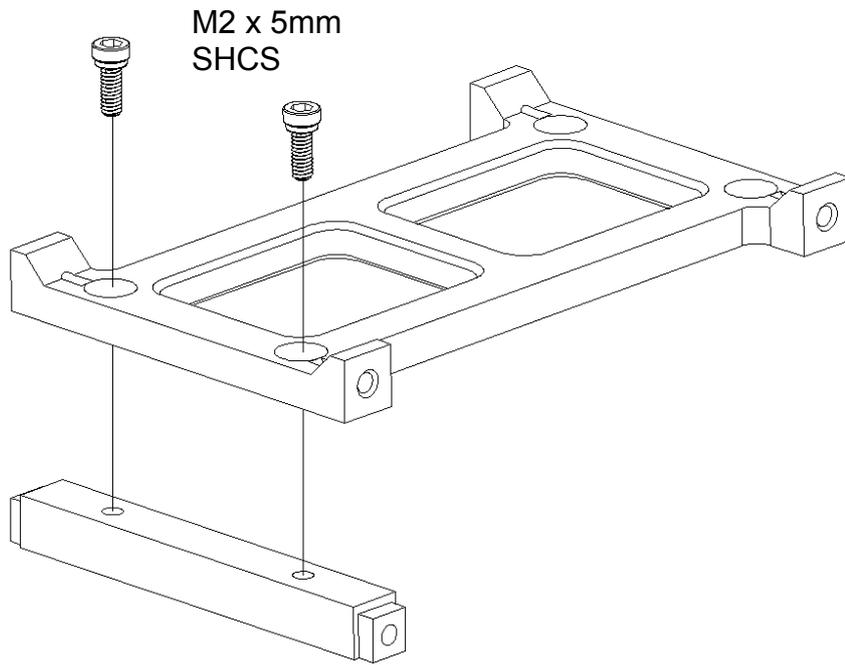
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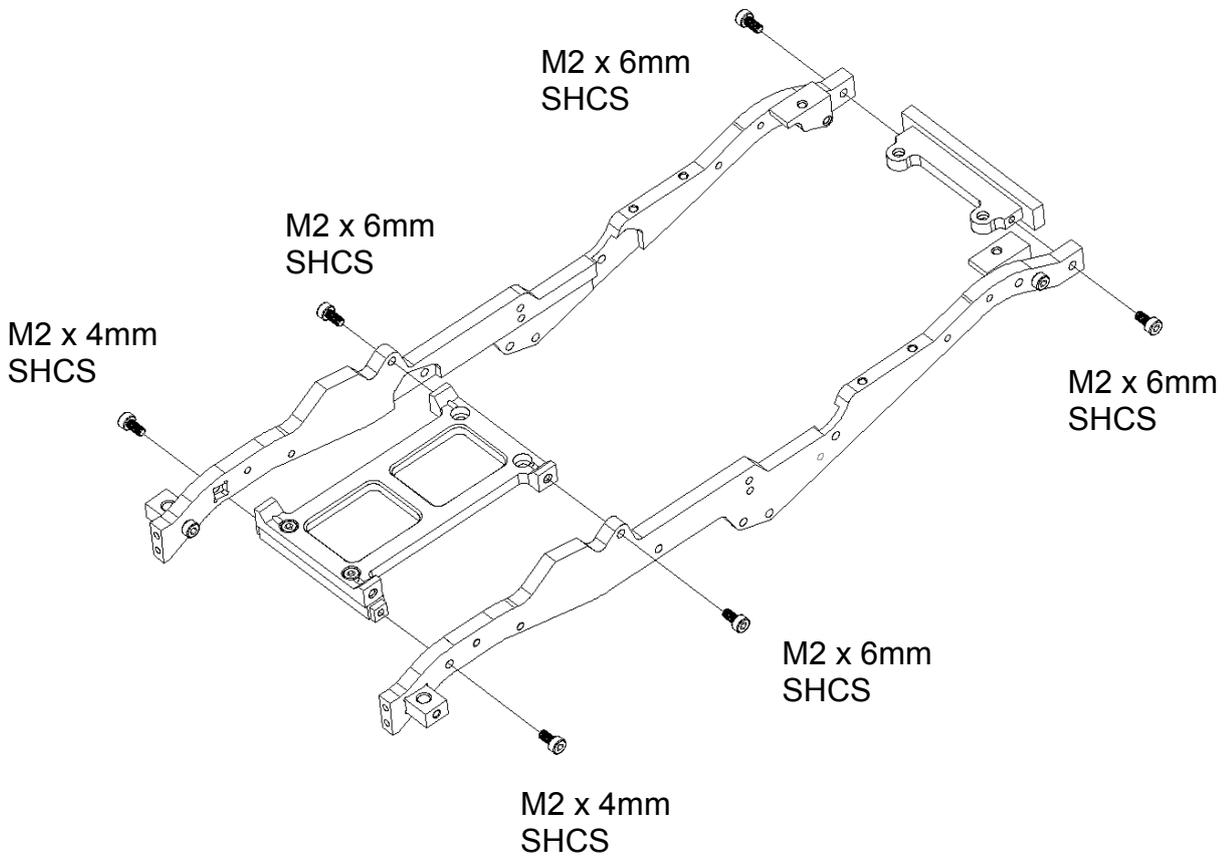
M2 x 4mm
SHCS



5*



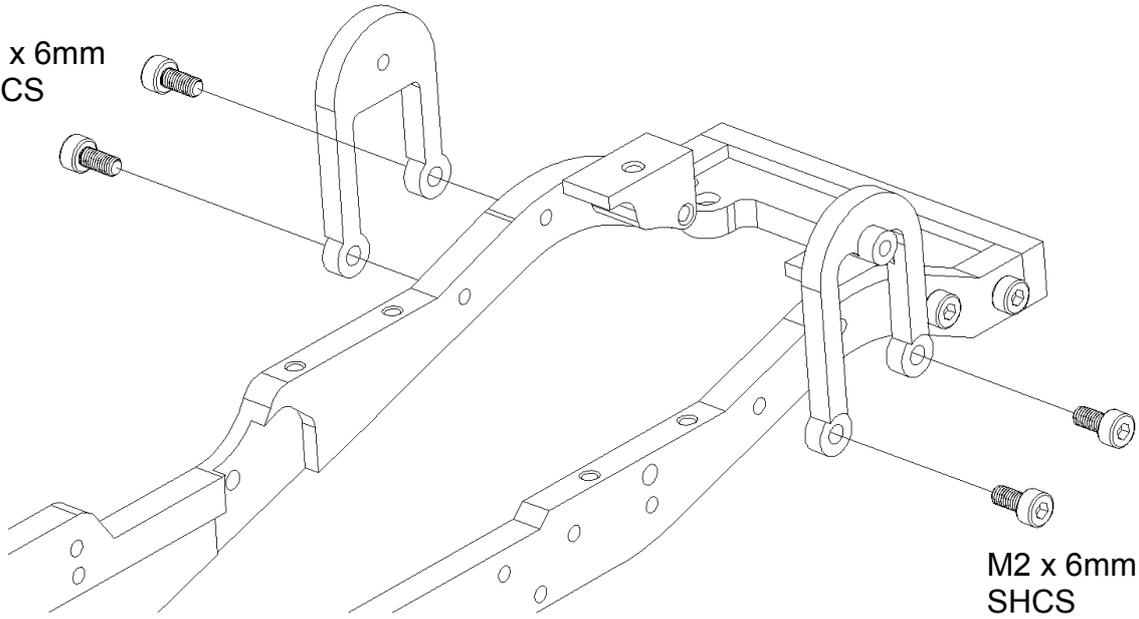
6*





7* Front

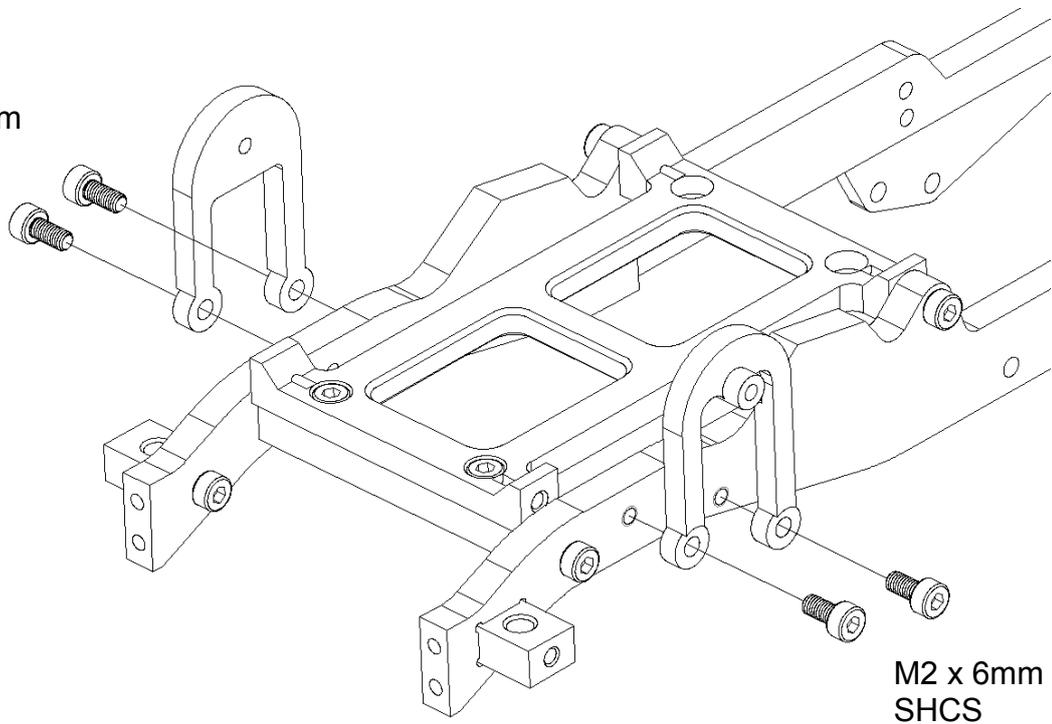
M2 x 6mm
SHCS



M2 x 6mm
SHCS

8* Rear

M2 x 6mm
SHCS

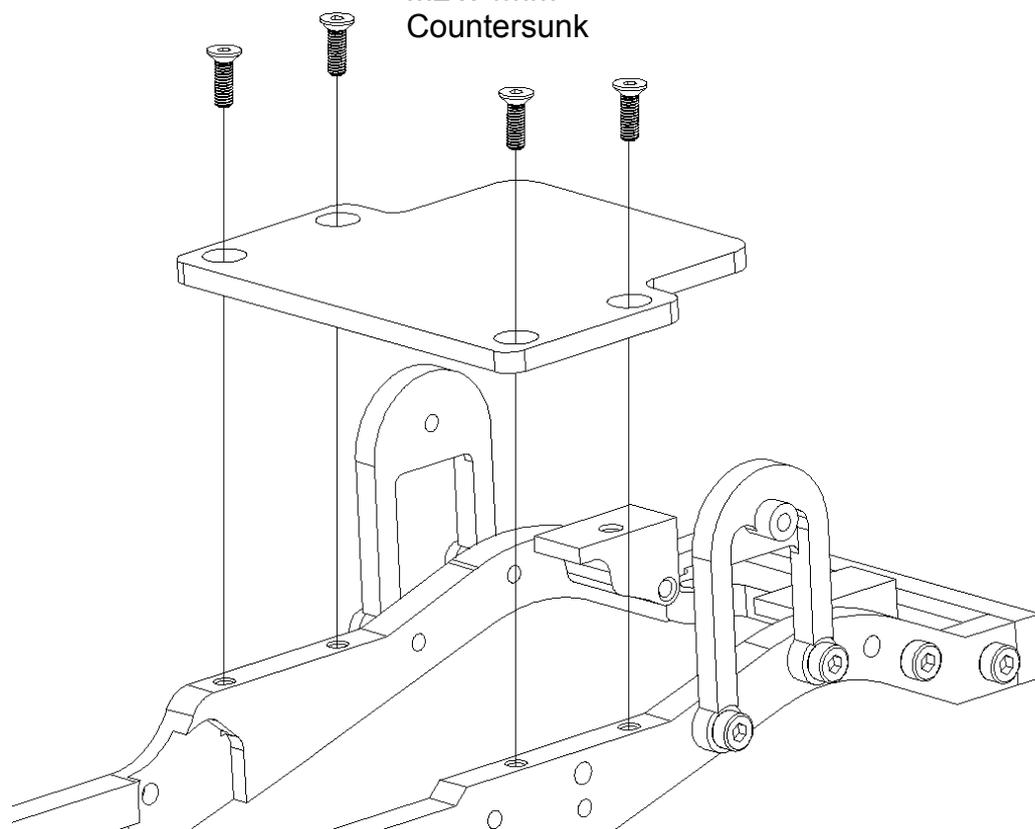


M2 x 6mm
SHCS

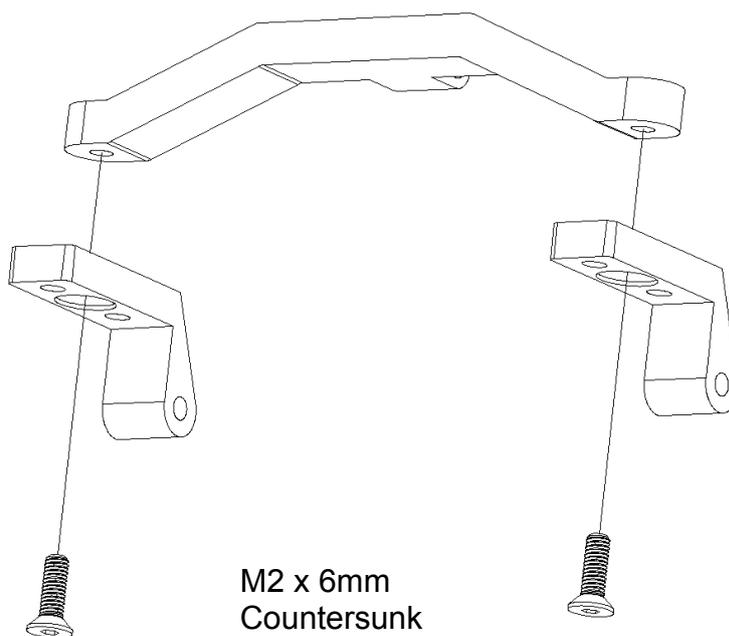


9*

M2 x 4mm
Countersunk



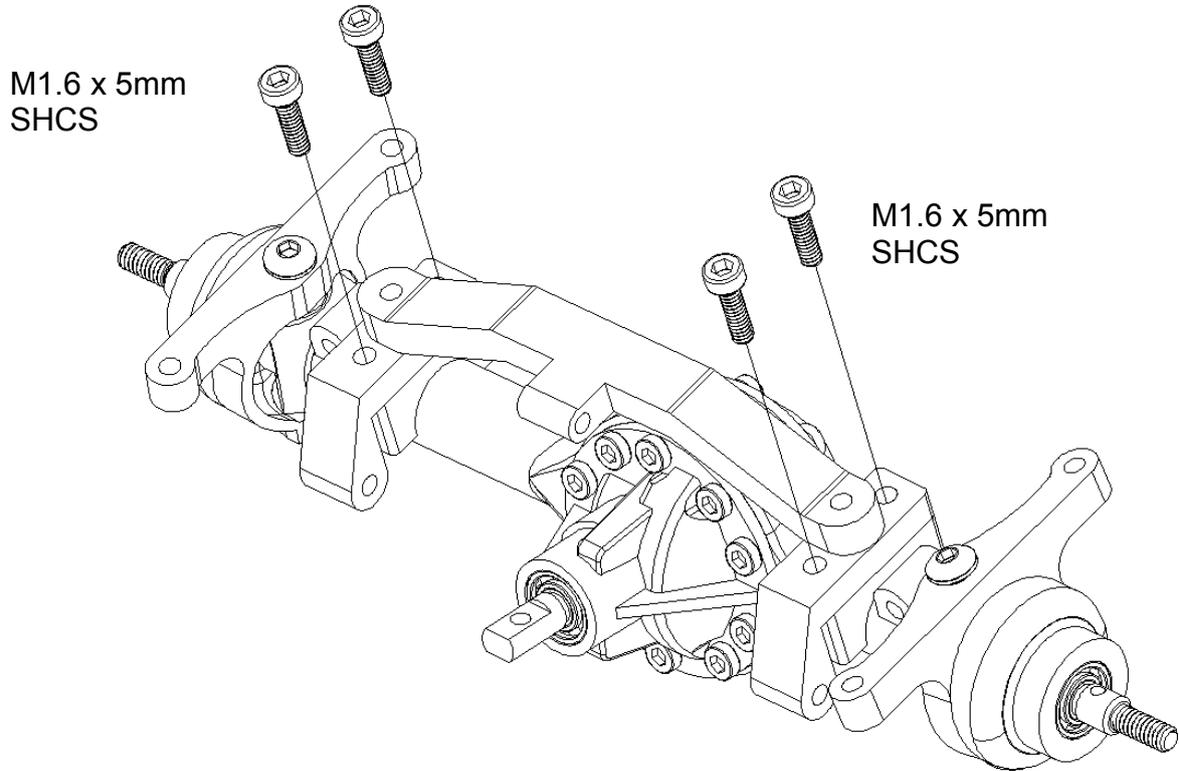
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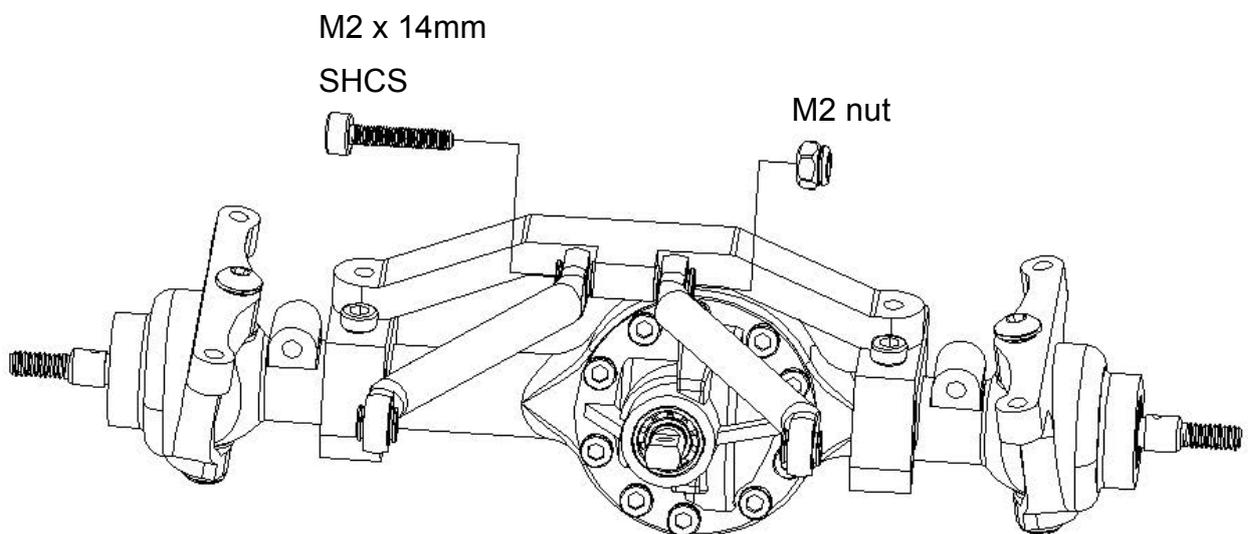
M2 x 6mm
Countersunk



11* Complete this step for both axles.

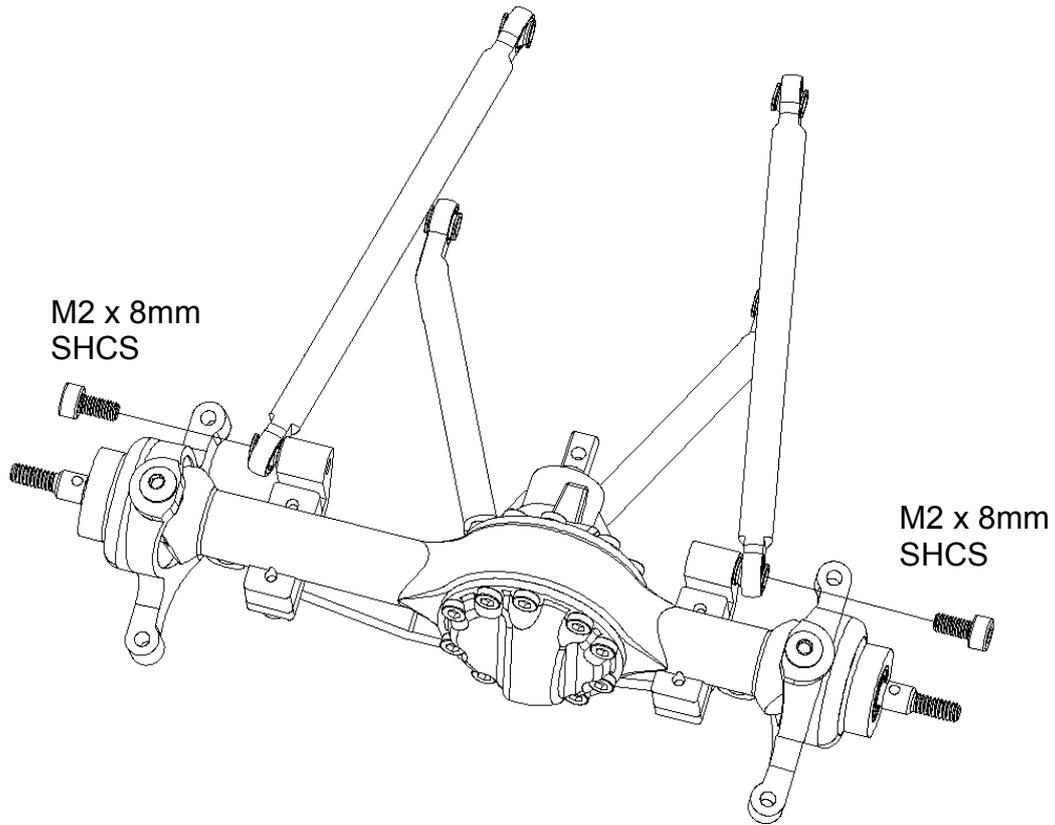


12* Complete this step for both axles.

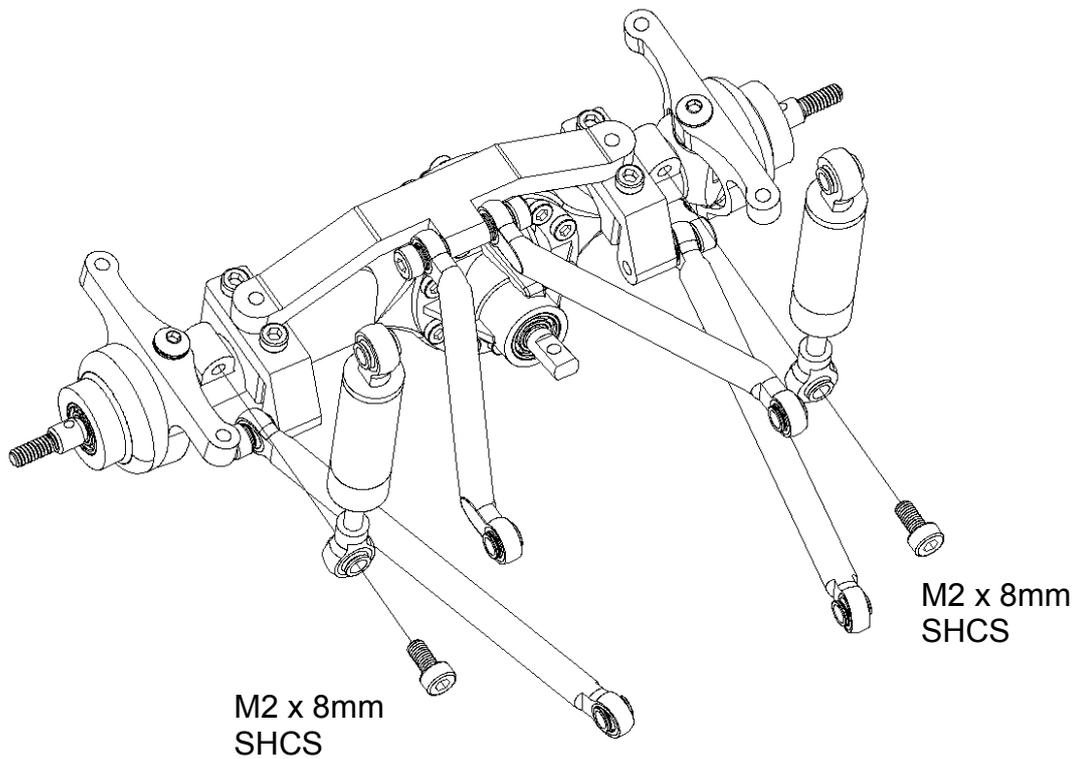




13* Complete this step for both axles.

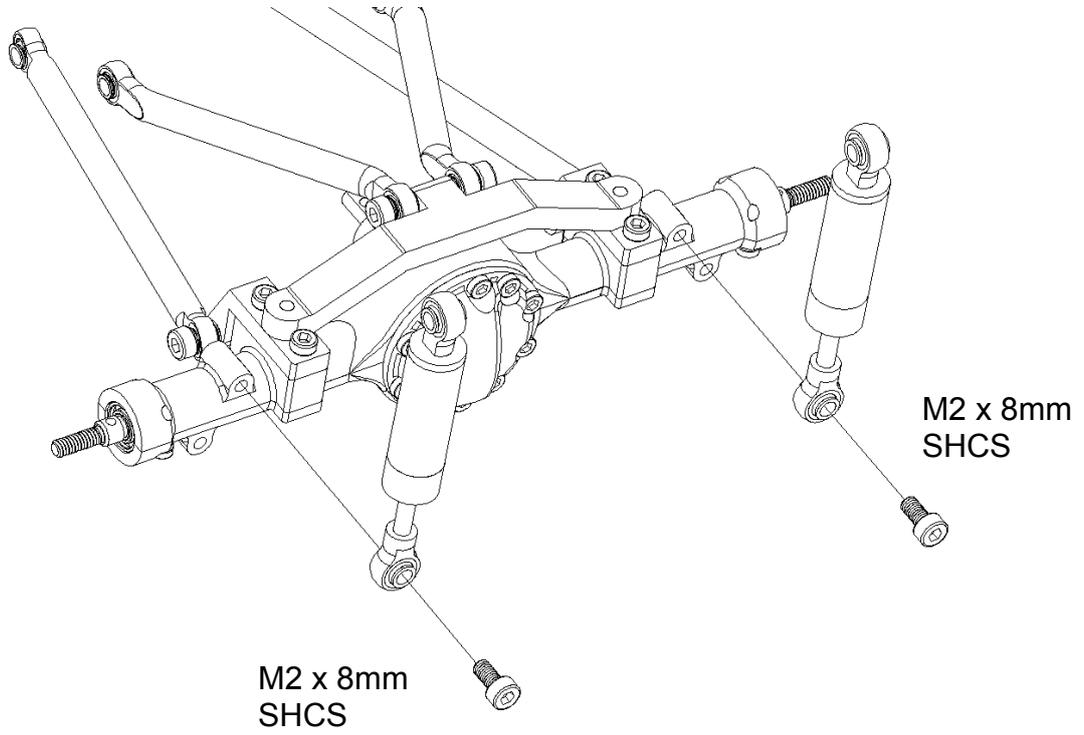


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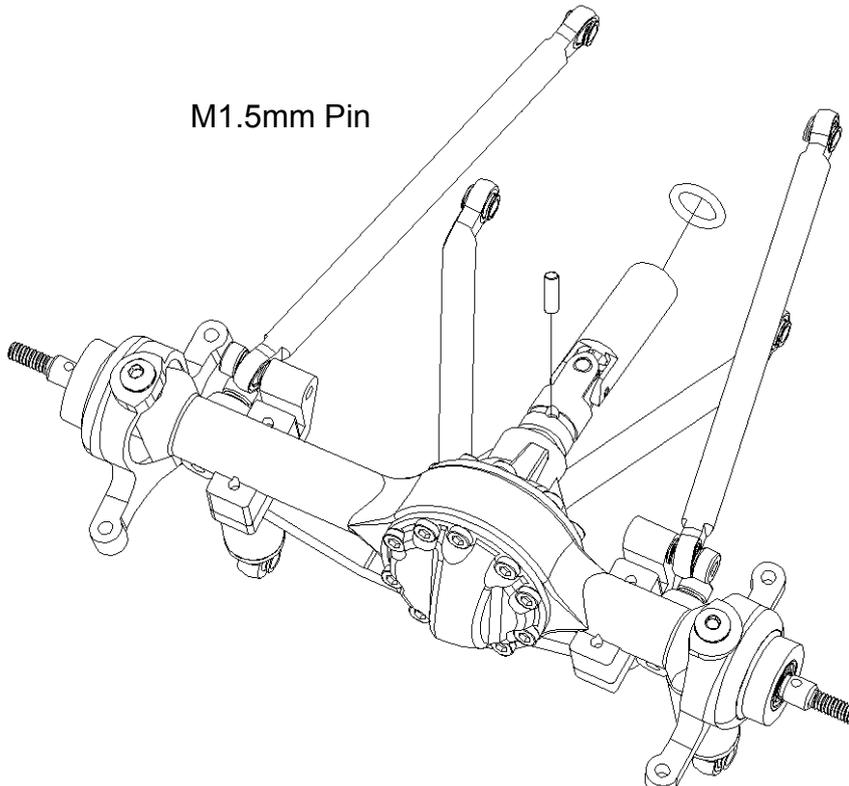




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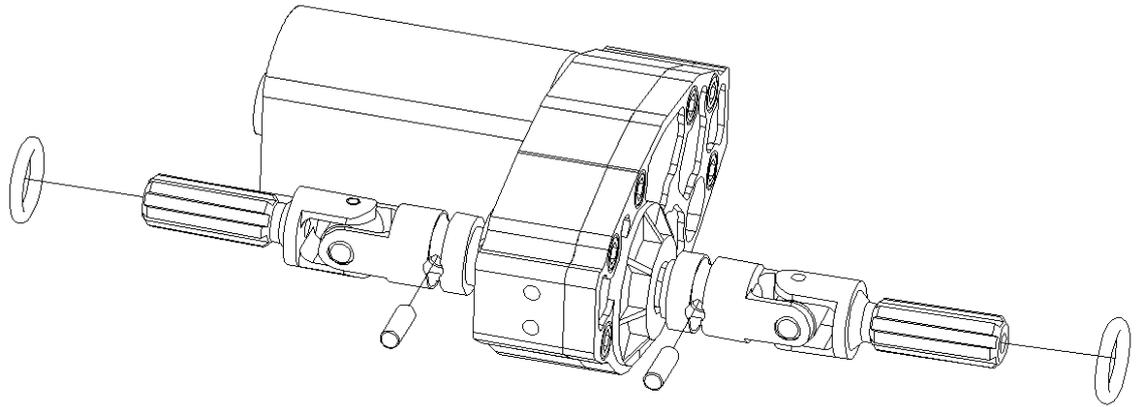


16



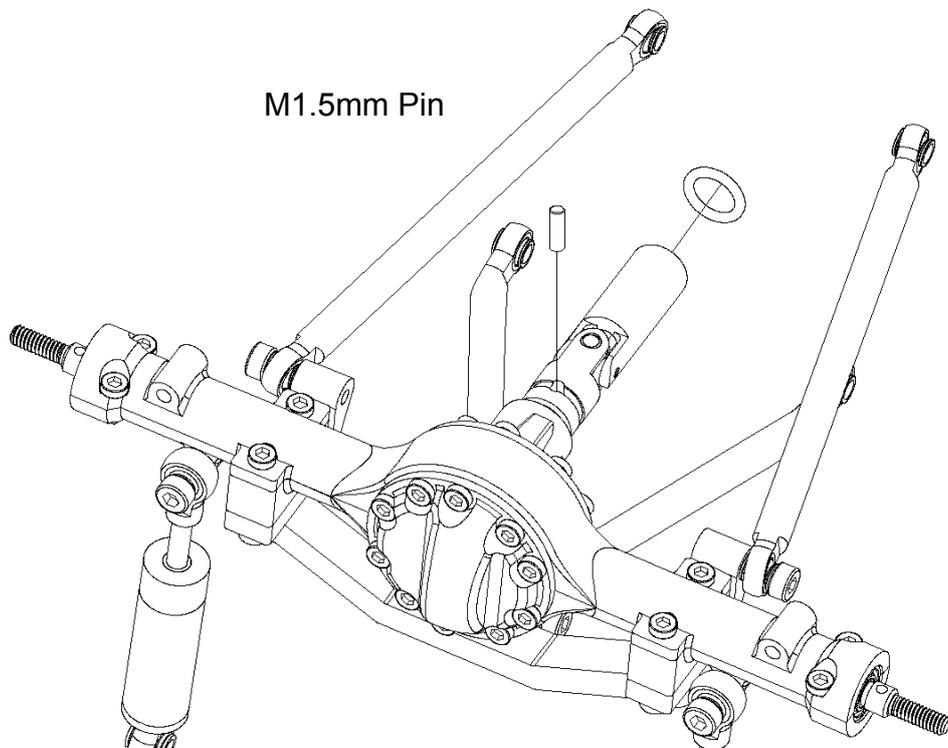


17



M1.5mm Pin

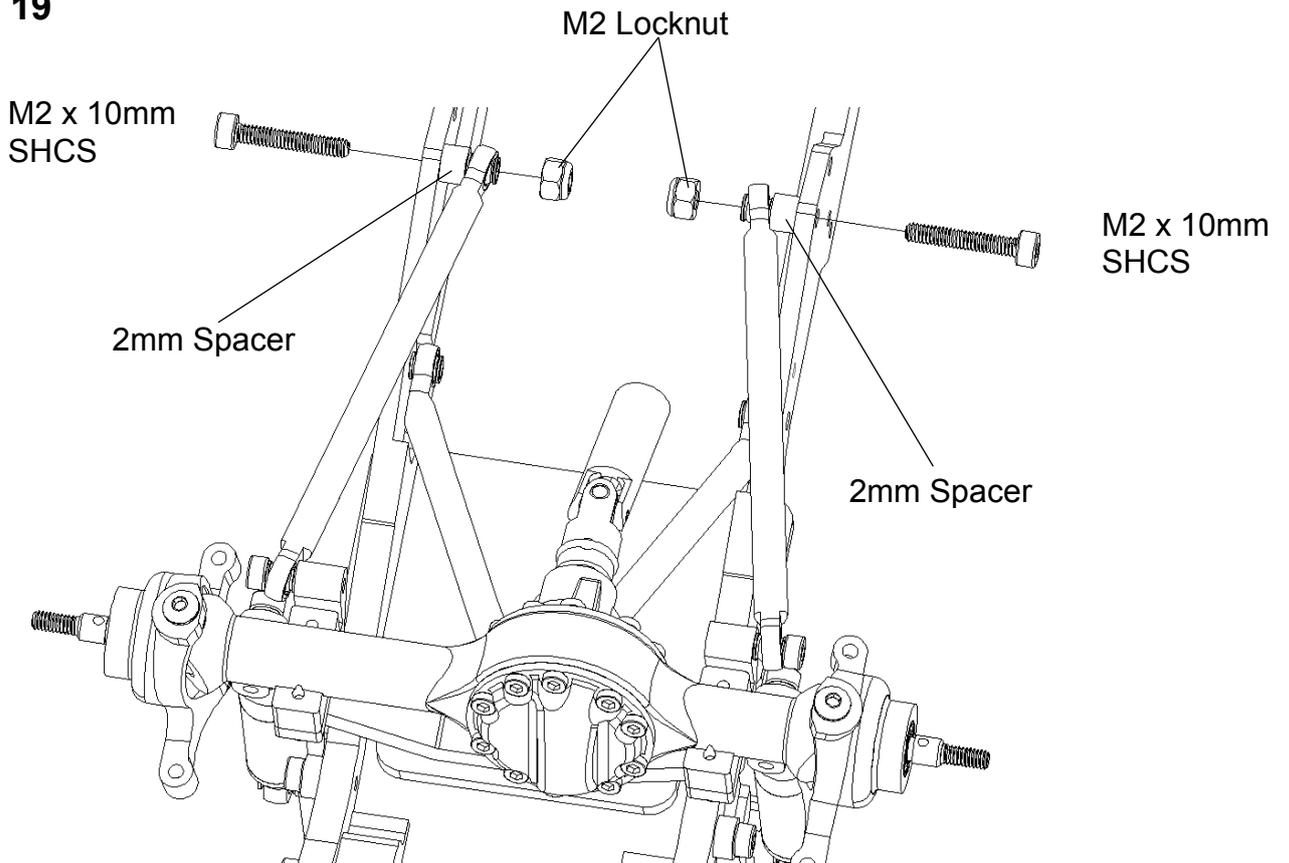
18



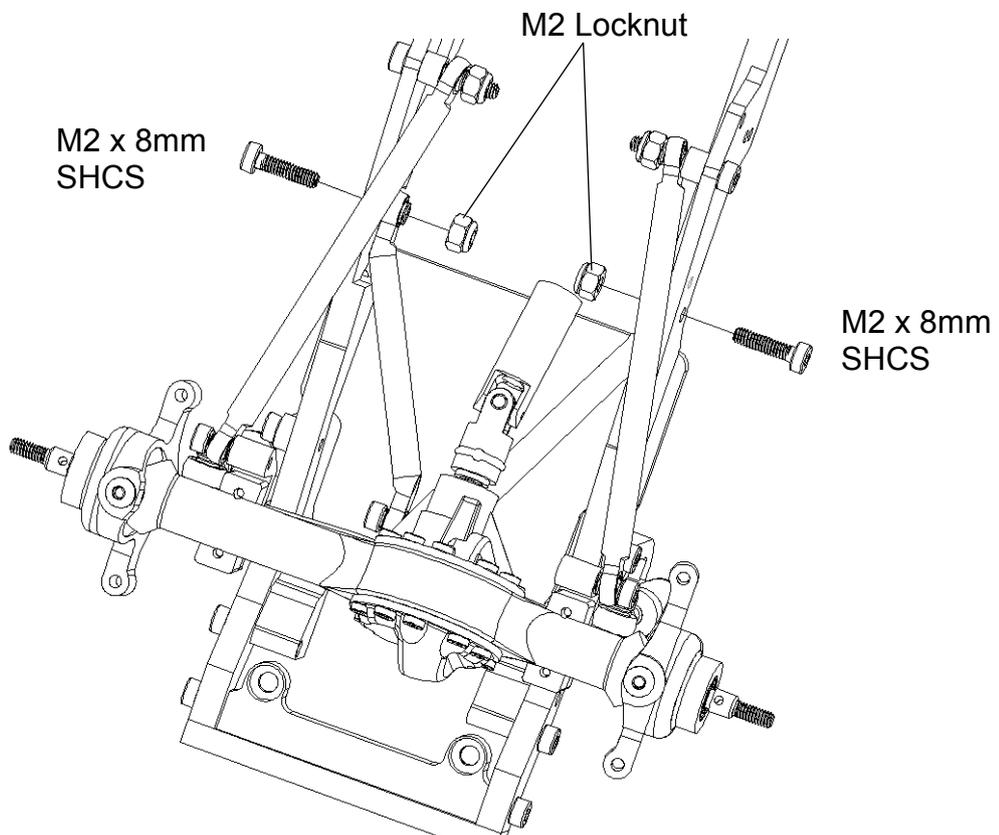
M1.5mm Pin



19

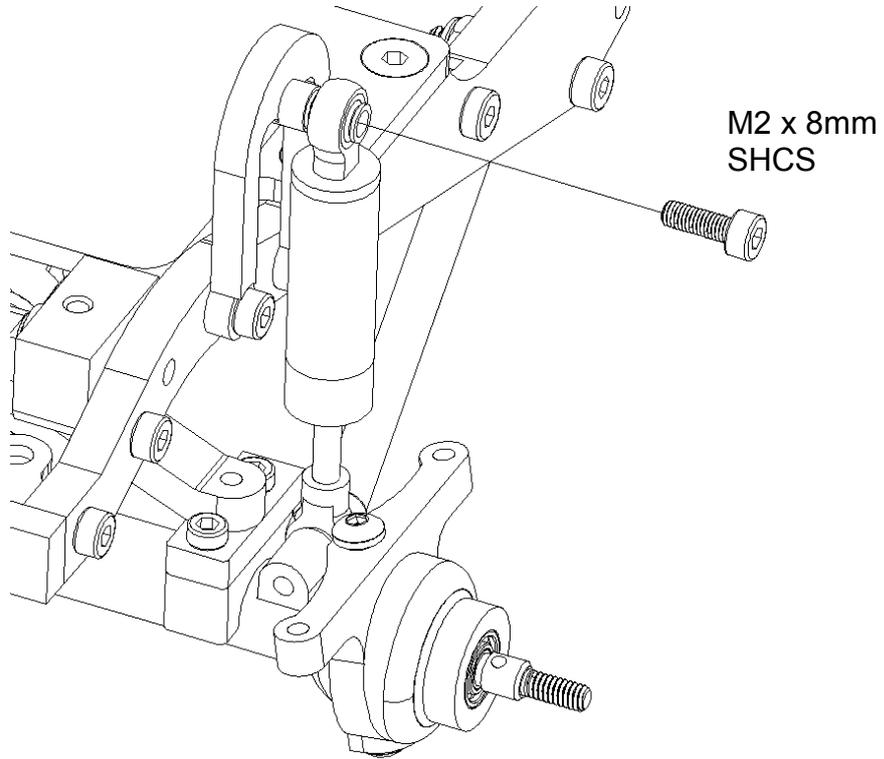


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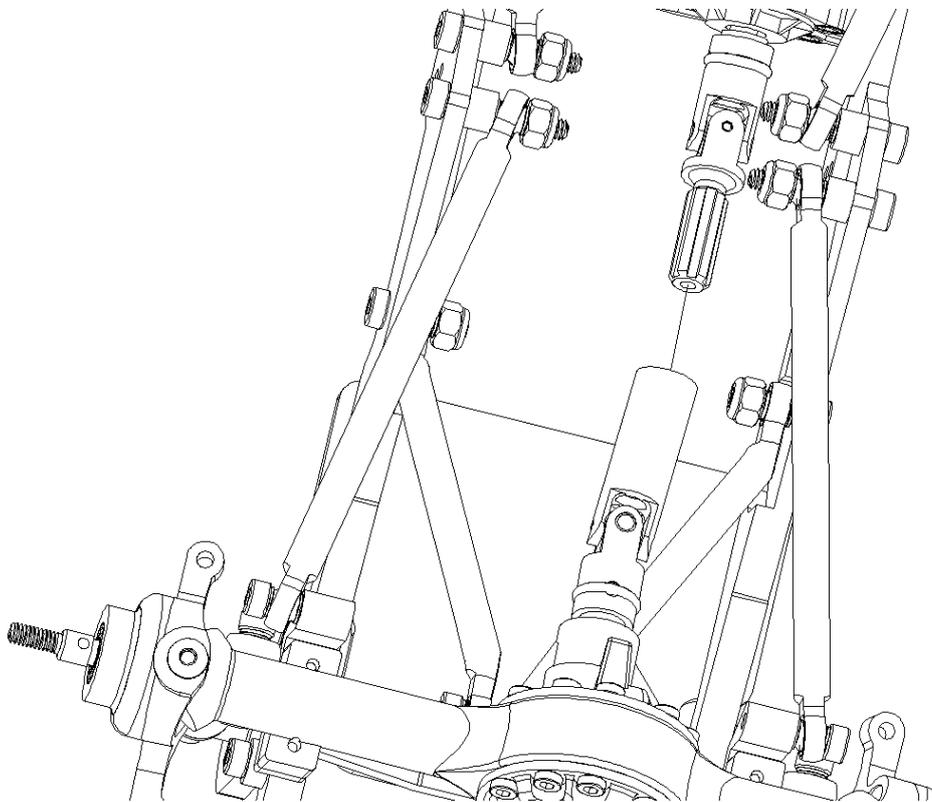




21* Complete this step for all 4 shocks.



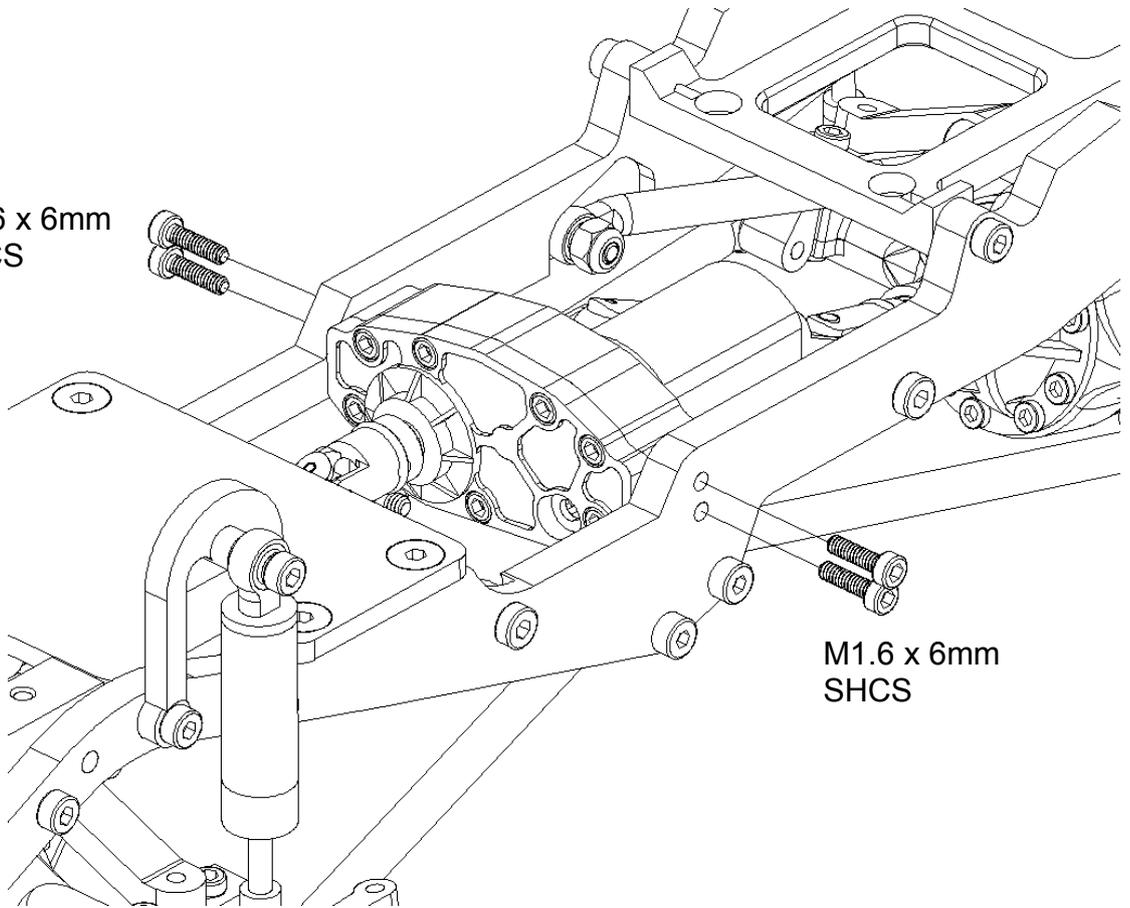
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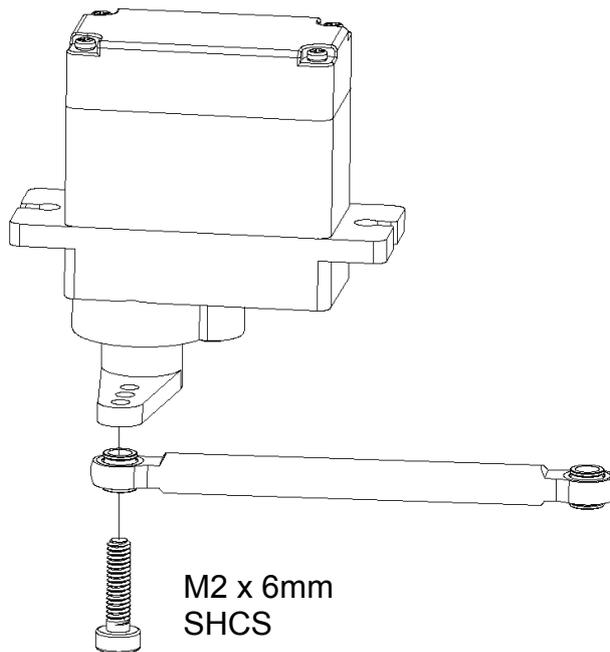
23*

M1.6 x 6mm
SHCS



M1.6 x 6mm
SHCS

24

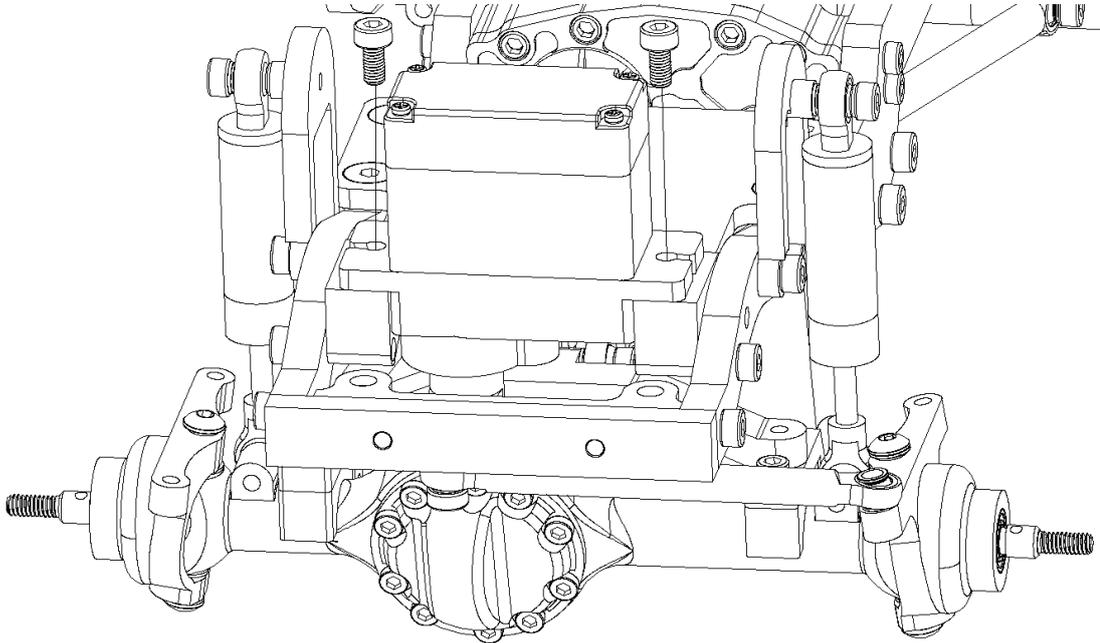


M2 x 6mm
SHCS

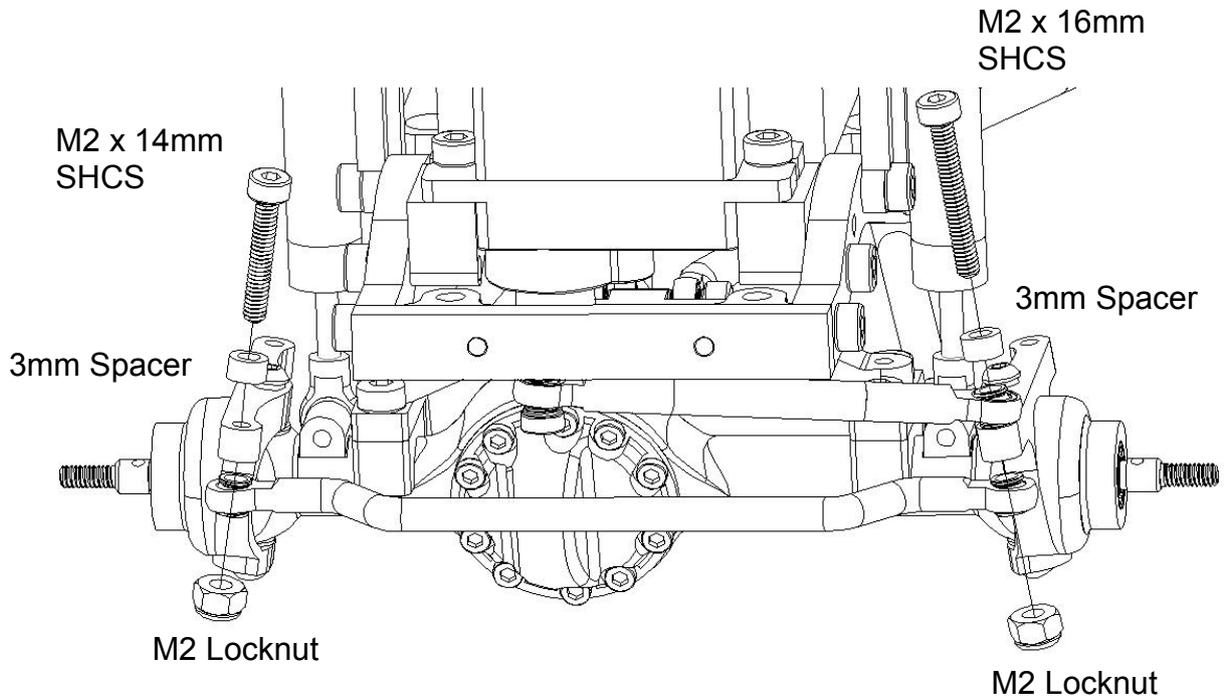


25*

M2 x 5mm
SHCS

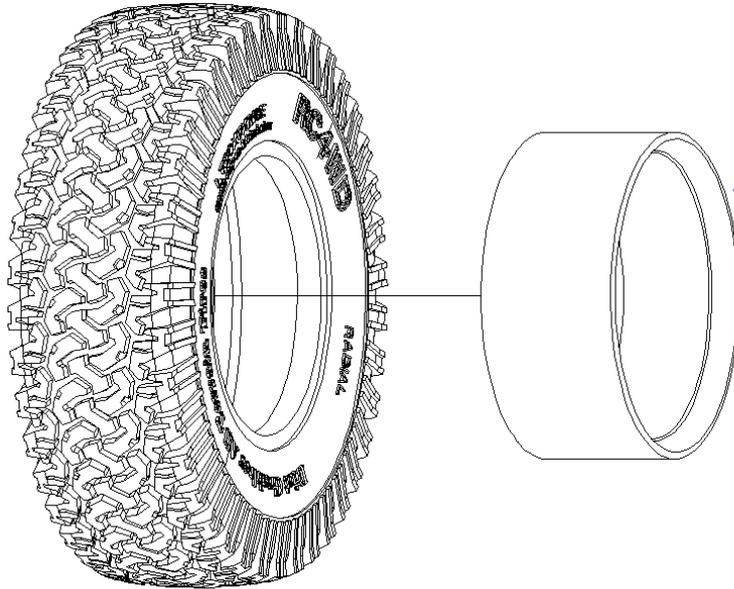


26

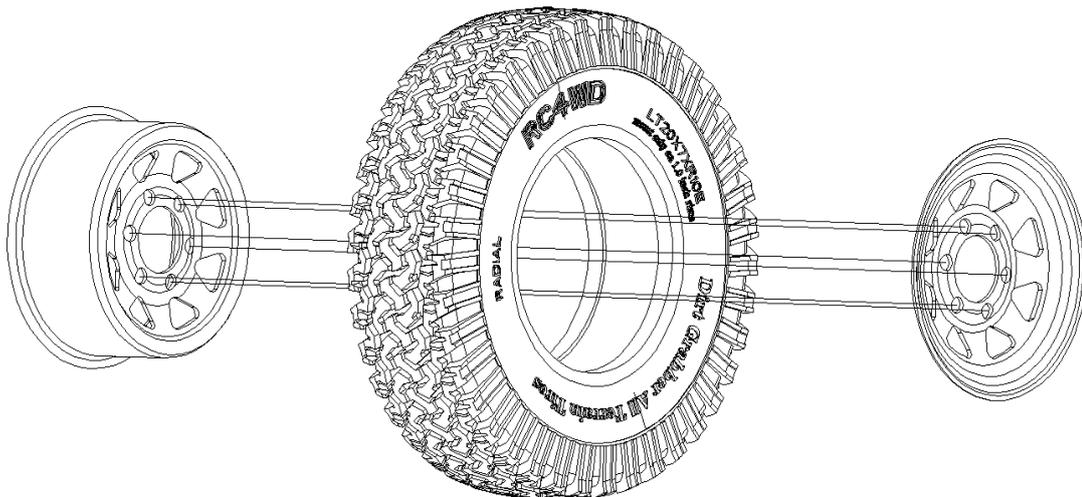




27 Assembly all 4 wheels and tires.

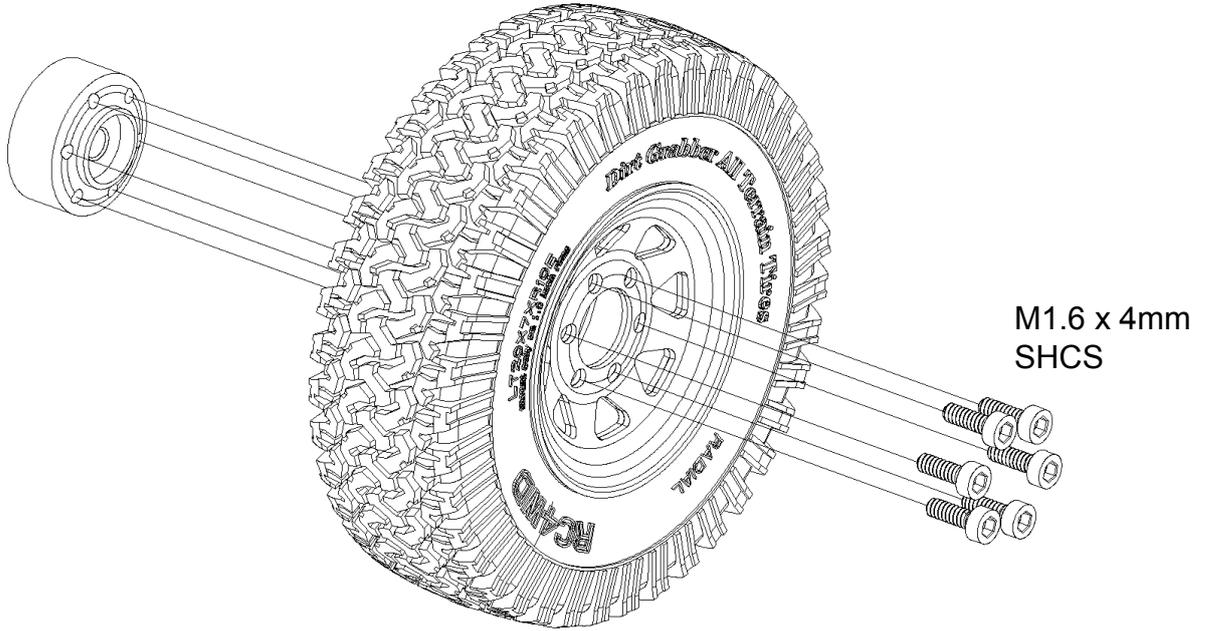


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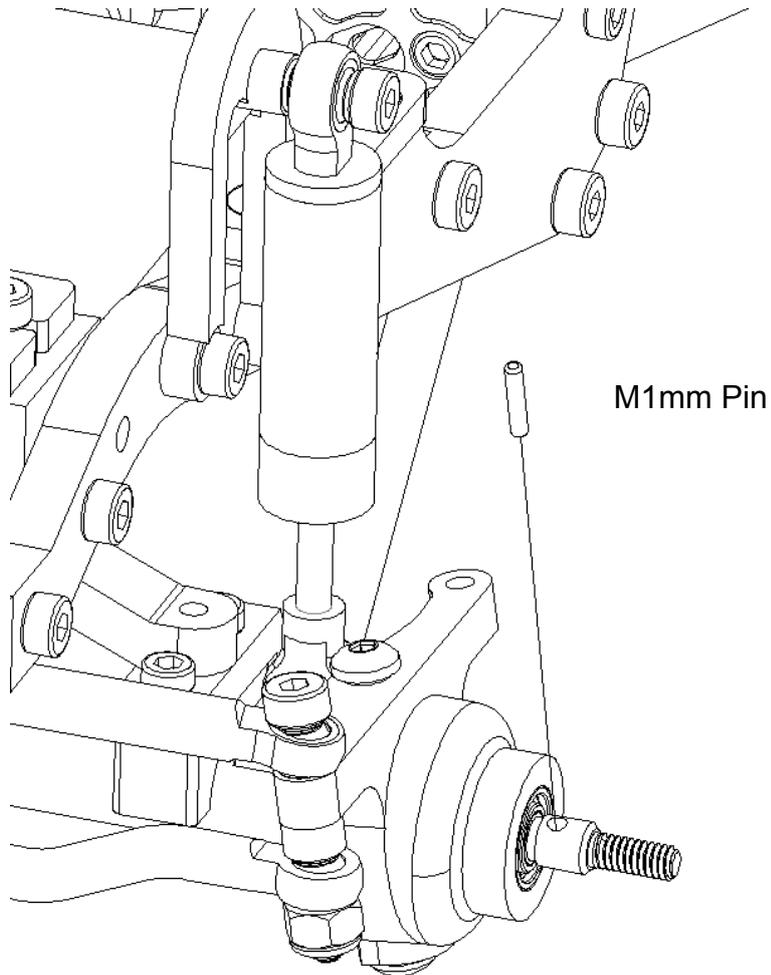




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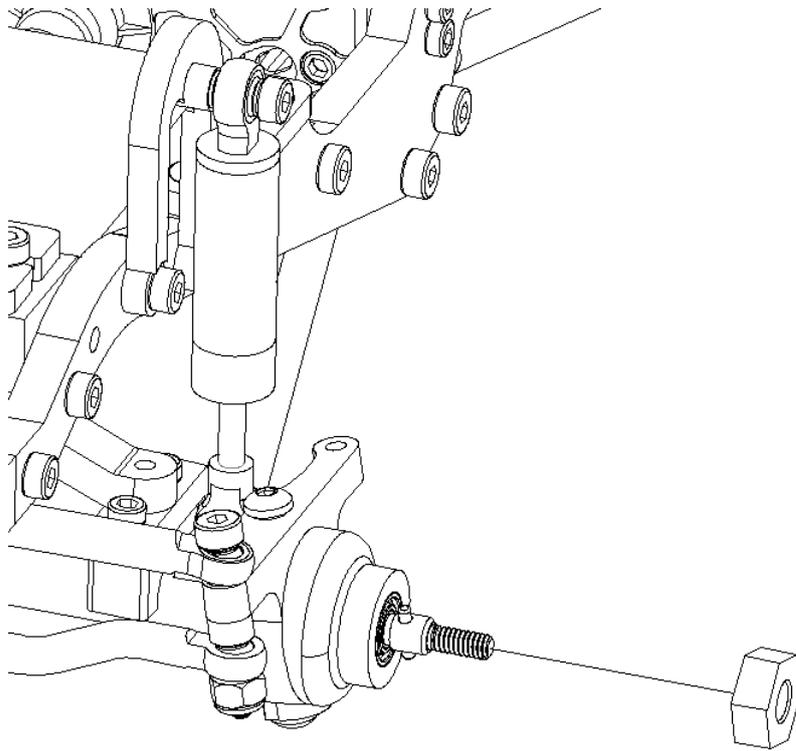


30 Install all 4 wheels.

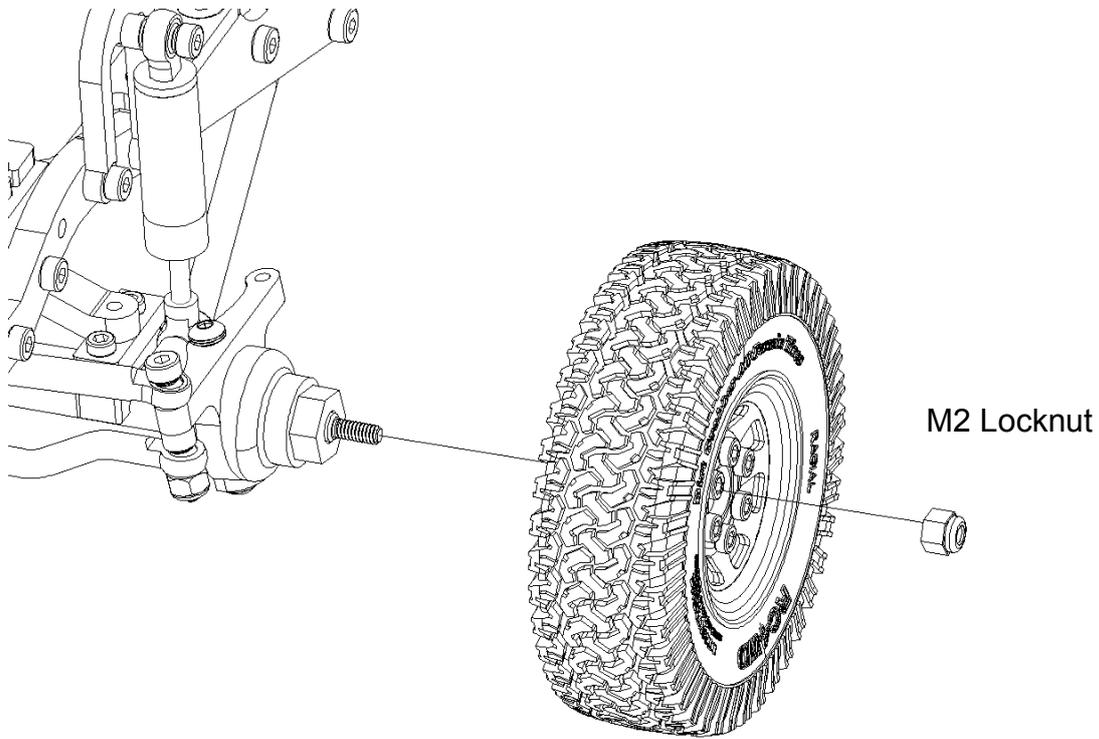




31

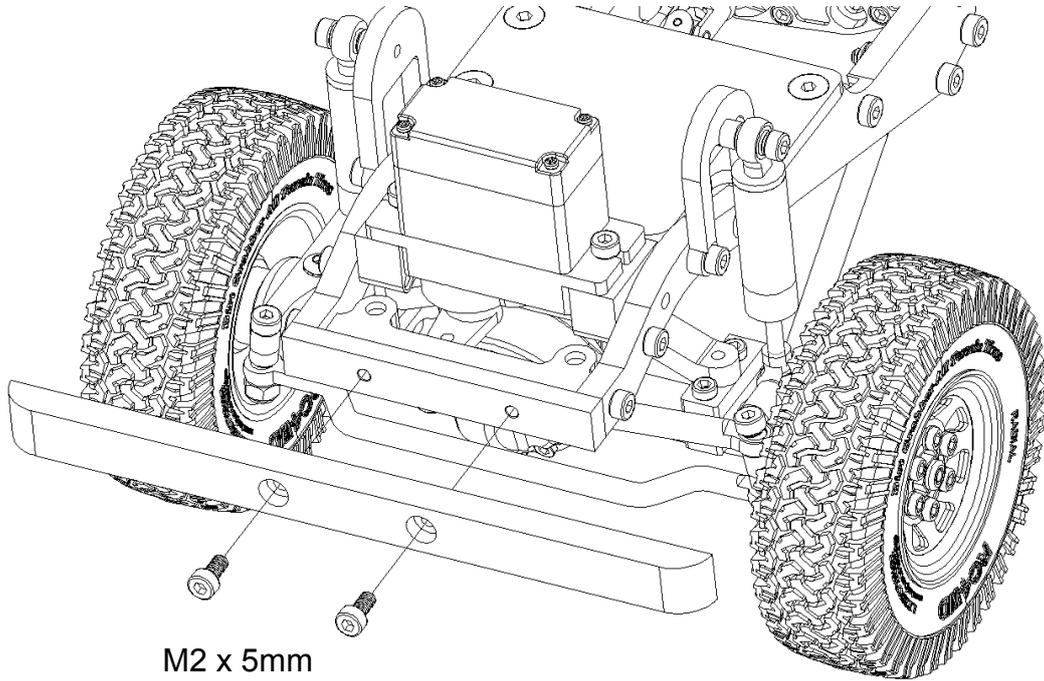


32



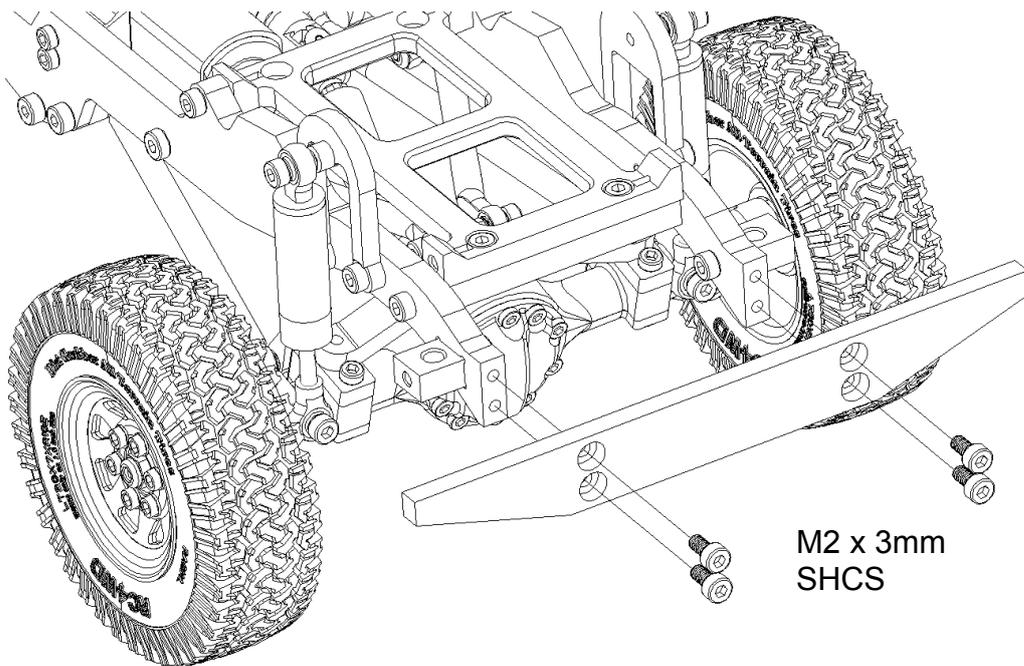


33*



M2 x 5mm
SHCS

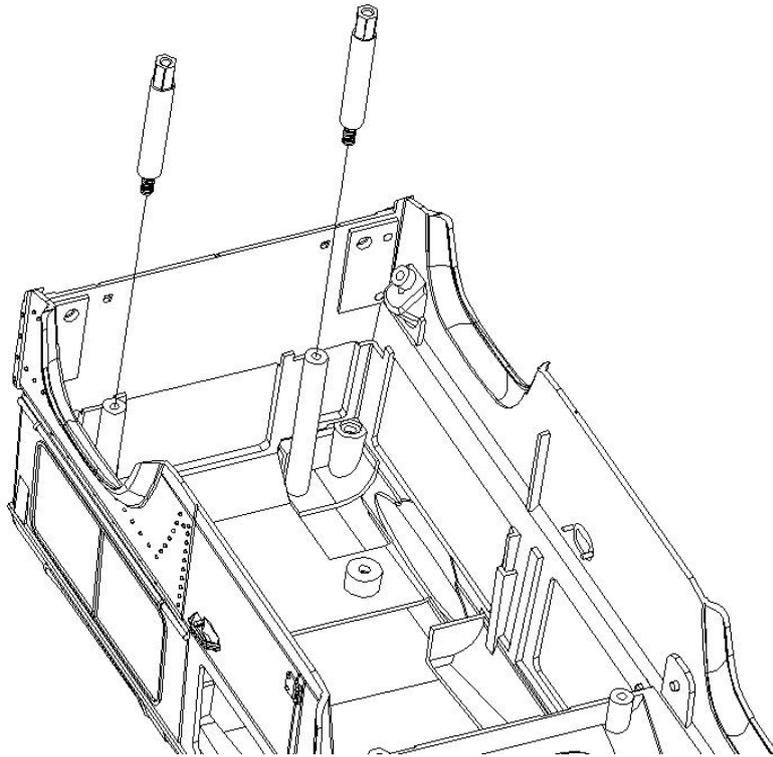
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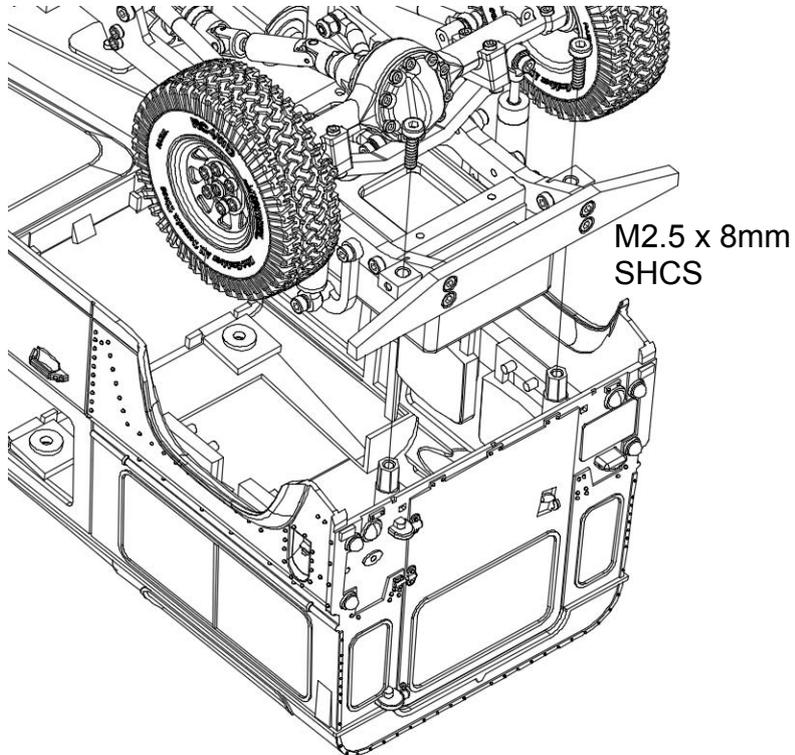
M2 x 3mm
SHCS



35*



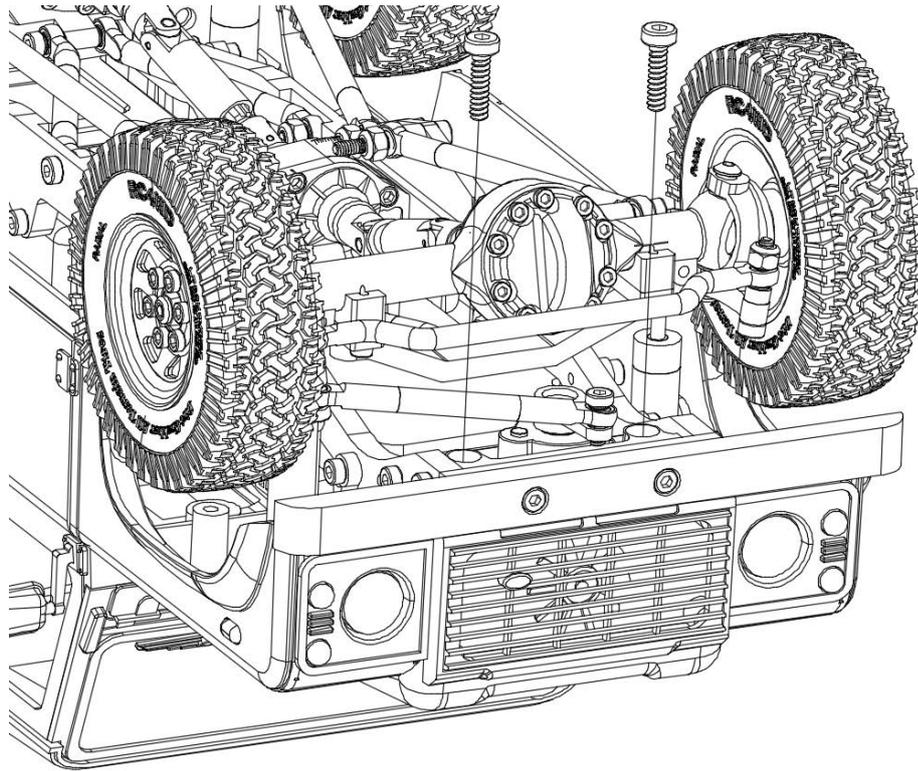
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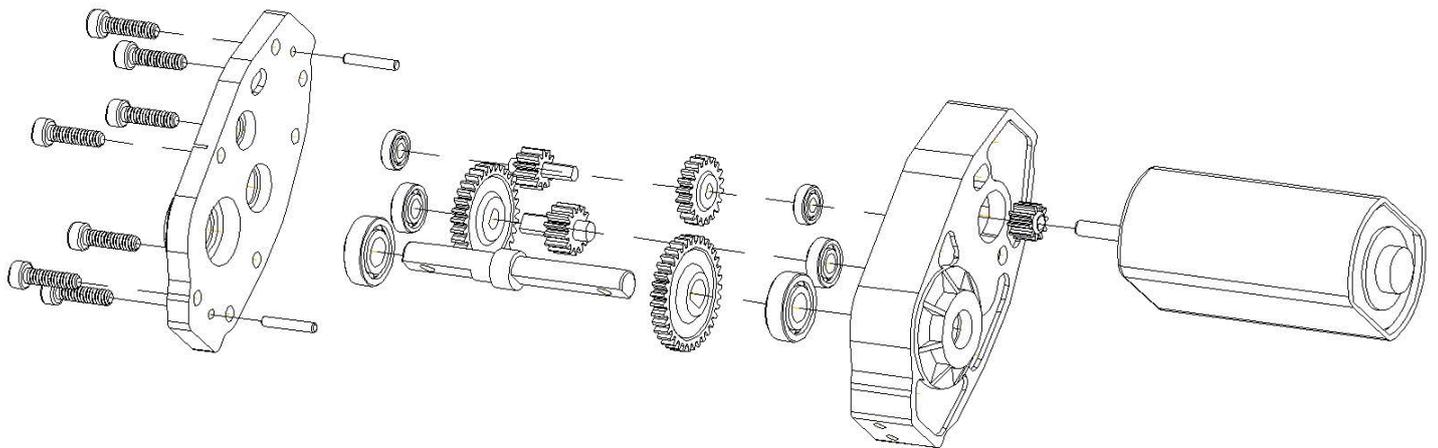


37

M2.5 x 8mm Hex Socket Tapping Socket Head

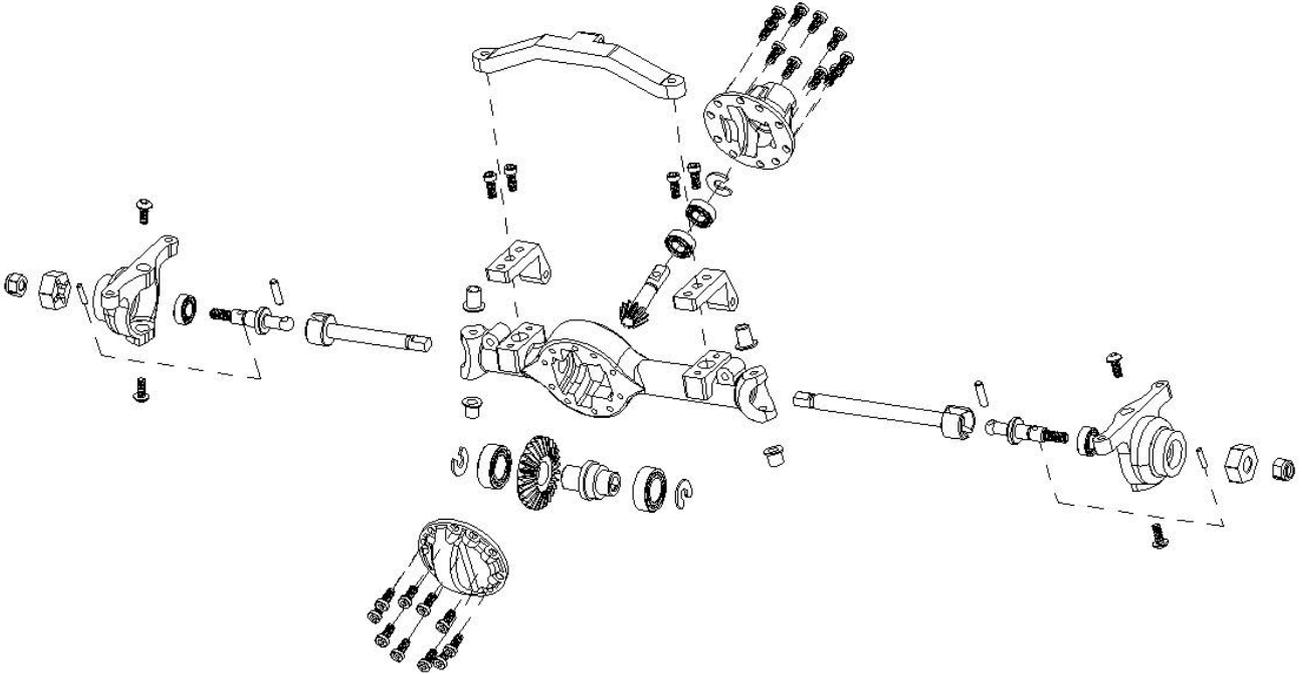


Transmission Assembly Exploded View

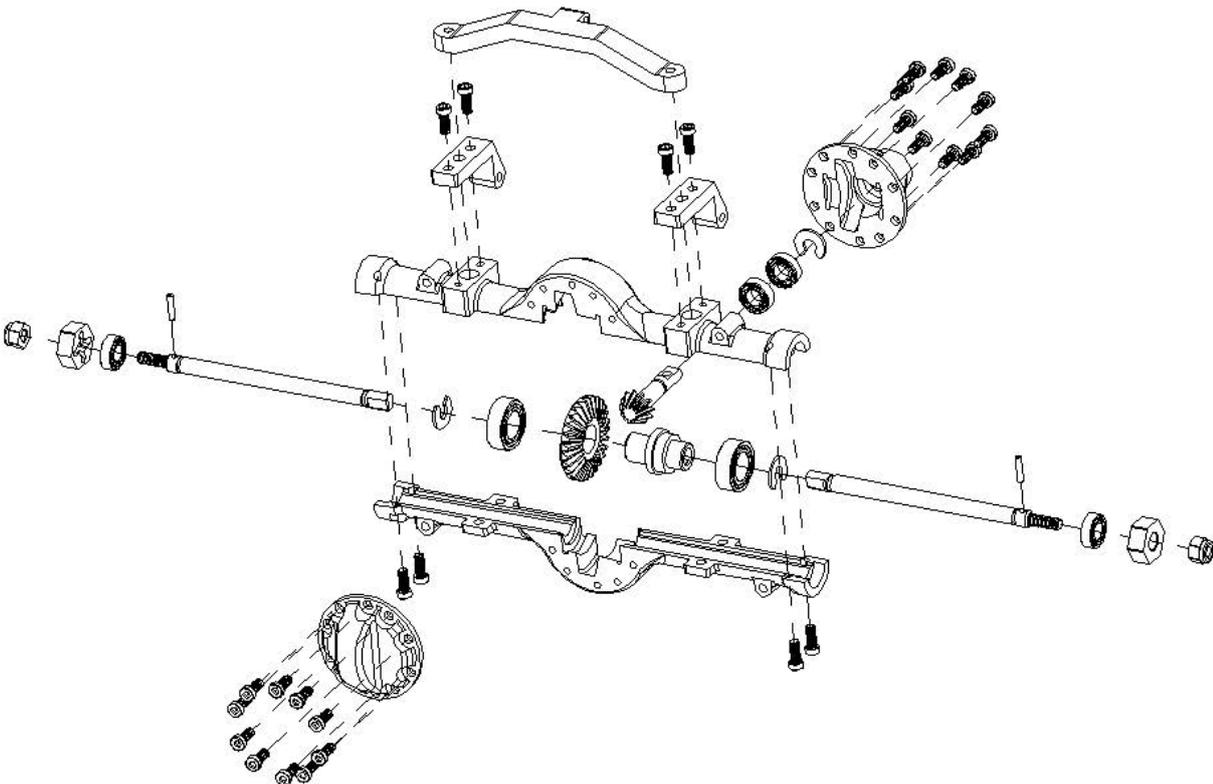




Front Axle Assembly Exploded View



Rear Axle Assembly Exploded View





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