



Radio Certifications:

CE: RSHA250530005-02

FCC ID: XJ6-MT-30

IC: RSHA250530005-08A

INCLUDED

Ascent-32: Assembled with electronics

Radio System: 2.4GHz

Rechargeable Battery: 300mAh 1S LIPO Battery

Battery Charger: USB Charge Cable

REQUIRED

Transmitter Batteries: Four AA batteries

ONLINE MANUAL:



To view the most recent full length manual with ESC guide, radio guide, exploded views and parts lists, go to:
www.redcatracing.com/pages/manuals



Warnings

AGE WARNING! You must be 14 years of age or older to operate this vehicle. It is the buyer's responsibility to ensure that this product is safely operated. This radio controlled (RC) vehicle is not a toy. It is the responsibility of the parents or guardian to ensure that minors receive appropriate guidance and supervision when operating or working on this product.

The buyer assumes all risks associated with the use of this product. Namero LLC d/b/a Redcat Racing and their retail partners, dealers, distributors, manufactures and affiliates cannot control the use and operation of this product and as such shall not be held responsible or liable for any injury, accident or damage resulting from the use of this product.

Always perform a pre-run inspection to ensure that there is no damage and that all screws and wheel nuts are secure. If damage is found, repair or replace prior to use.

Fully read all instructions, manuals and warnings that come with your RC vehicle and any accessories required to operate the product.

Never operate your RC vehicles on public roads, near bystanders, children, pets other animals. Never lose sight of your vehicle while it is in operation and always leave a safe distance around your RC vehicles when driving so that in the event you lose control you don't damage the vehicle, hurt yourself or others. Always keep clear of the wheels or other moving parts on the vehicle and never attempt to pick up the vehicle if the wheels are in motion. Do not attempt to touch the motor, ESC, battery or other electrical components during or immediately after use as these items will get hot during operation.

Always allow the vehicle time to cool down between runs. Overheating the electronics can shorten the life of your electronic components.

Never leave the battery connected when not in use and store batteries in accordance with the manufactures instructions.

Never leave a battery unattended while being charged. Never charge batteries while they are inside of the RC vehicle.

There is a risk of fire and explosion when dealing with batteries. Rechargeable batteries may become hot and catch fire if left unattended, charged too quickly, charged too often, if overcharged, if over discharged or if previously damaged. Never charge at a rate higher than 1C. (2000Mah pack = 2 amp charge rate). Always use a LIPO safe charging pouch when charging LIPO batteries. Only use a LIPO specific charger when charging LIPO batteries.

Never use a LIPO battery that has previously overheated and/or shows signs of damage or swelling. If you suspect the battery to be damaged, immediately discontinue use and properly dispose of the battery. Never dispose of a LIPO battery with regular trash, check with local authorities for proper disposal. Always check the ESC settings to ensure that they match the battery type during operation. If using a LIPO battery, the ESC must be set to LIPO or damage may occur.

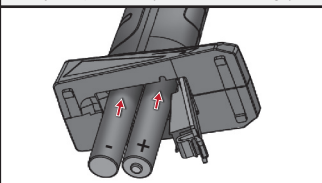
Never mix old and new batteries. Do not change or charge batteries in a hazardous location. Do not mix alkaline, lithium, standard (carbon zinc), or rechargeable (NiMH, cadmium) batteries.

If you do not agree with or are unable to follow these warnings and are not willing to accept full and complete liability for the use of this RC product, immediately return the product to your place of purchase in new and unused condition.

Start Up

Attention: The ESC only accepts a 1S LIPO battery. Only use a single 1S LIPO battery pack.

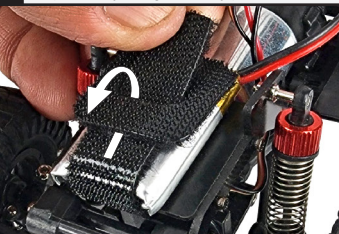
1. Insert 4 brand new AA batteries into the controller. Be sure to line up the positive (+) side of the battery with the (+) mark inside the battery compartment. (see above warnings)



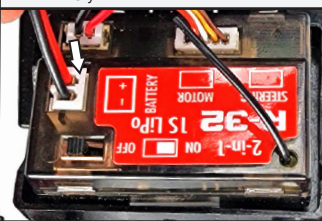
2. Turn the rear 1/4 body fastener and tilt the body forward. Unclip front hinge to remove.



3. Strap in a fully charged battery pack.



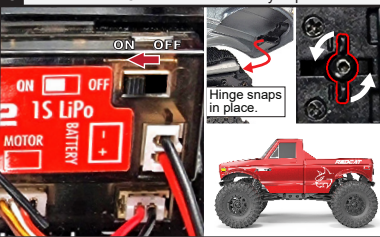
4. Plug in the battery. CAUTION! Do not turn on the ESC yet!






5. Turn on the radio.






6. Turn on the ESC and secure the body in place.



Steering


Straight	Left	Right
		

Throttle

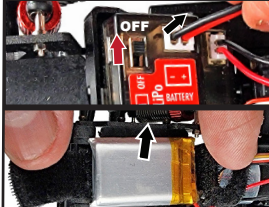
Forward	Reverse	Automatic Braking
		

Shut Down


1. Turn the rear 1/4 body fastener and tilt the body forward. Unclip front hinge to remove.




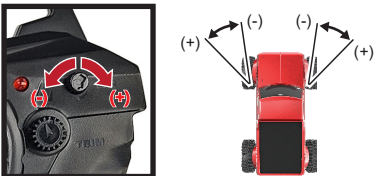
3. Turn OFF the ESC. Unplug the battery and remove it from the vehicle.



2. Turn off the radio.



Radio Adjustments

Steering Trim - Steering Neutral	Steering D/R - Maximum Steering Adjustment
	

CHARGING THE LIPO BATTERY PACK W/ INCLUDED USB CHARGER

NOTE: The included USB charger is designed to charge a single, one-cell lithium battery pack only.

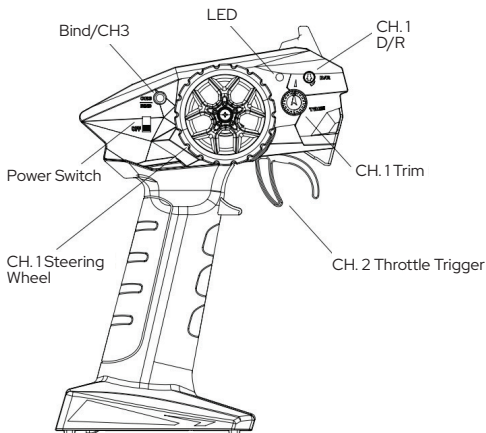
Specifications:

Input power source : 5V/1A
Battery Voltage : 2.9V-4.05V (Fast-charge).
Under 2.9V(Trickle-charge) .
Charger current : 300mA(Fast-charge).
30mA(Trickle-charge) .
Full charger voltage: 4.2V

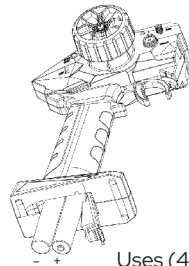
Charging procedure:

1. Plug the charger's USB-JACK into a 5V DC power source.
2. Plug the battery's connector plug into the connector plug of the charger (black wire & battery connector).
3. When the Red LED is on; the battery is charging.
4. When the Red LED turns off; the battery has completed charging and is fully charged.

TRANSMITTER



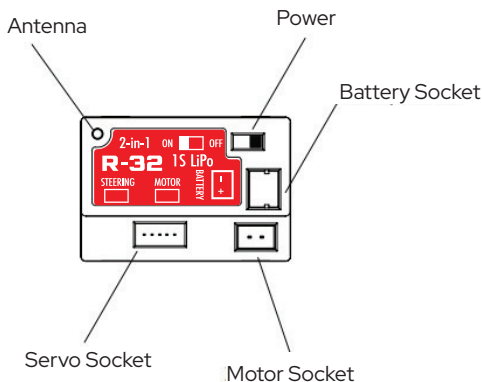
Transmitter:
Frequency: 2.4GHz Band FHSS
Output power: ≤ 10mW
Power: (x4) AA battery
Current: ≤ 50mA
Weight: 115g



Uses (4) AA Batteries

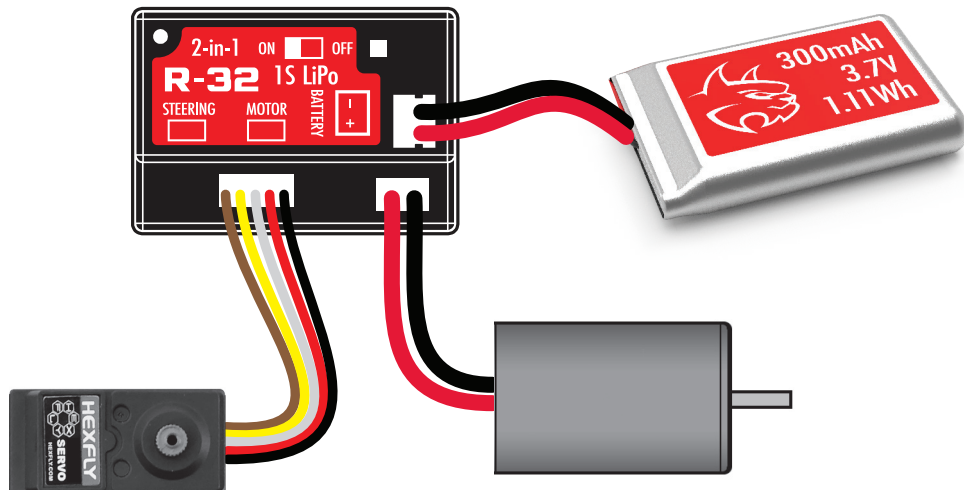
RECEIVER/ESC

Attention: The ESC only accepts a 1S LIPO battery. Only use a single 1S LIPO battery pack.



Receiver:
Frequency: 2.4GHz Band FHSS
Power: 3.7 V
Maximum current: 3 A
Size: 35.3 x 24.2 x 12mm
Weight: 7.5g

WIRING DIAGRAM



BINDING PROCESS



STEPS 1 & 2

Turn the transmitter power on while pressing the bind switch for 2 seconds.

The transmitter LED will be flashing.



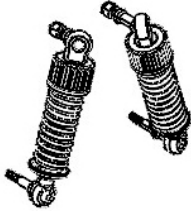
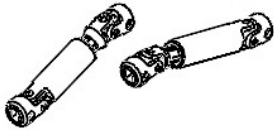
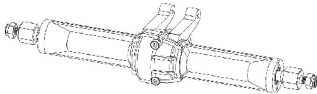
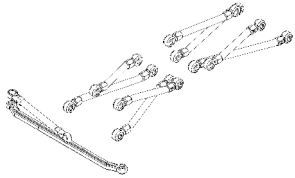

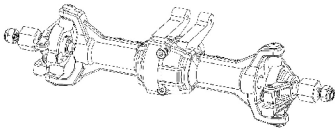
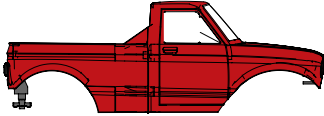
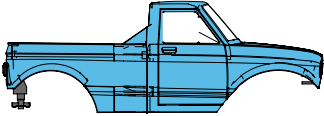
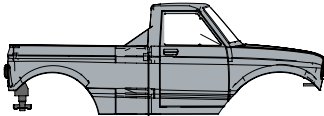
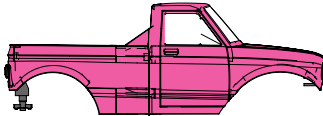
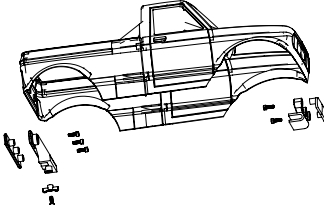
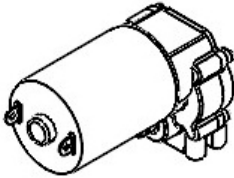
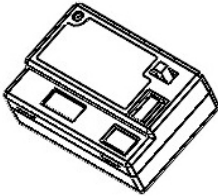

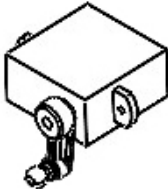



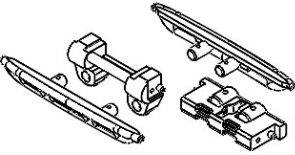
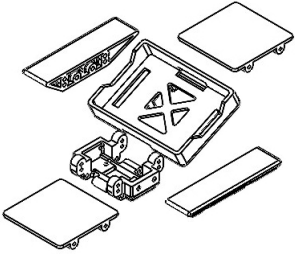
STEP 3

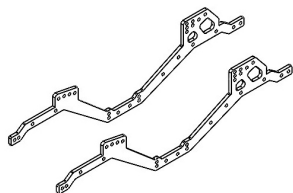
Turn the receiver power on, the receiver LED will start flashing and the binding process starts within 10 seconds. When the receiver LED is steady on, binding is complete.



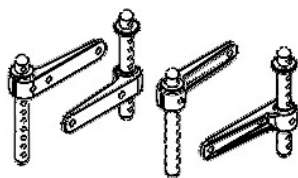
STEPS 4 & 5

Turn off the transmitter and then re-power it ON again. If the LEDs on transmitter and receiver are on solid, you can use the radio normally.

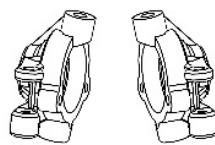
 <p>RER41715 - Shocks F/R (Plastic Body) (1set)</p>	 <p>RER41716 - Center Driveshaft Set F/R (Plastic)(1set)</p>	 <p>RER41717 - Rear Axle Complete (1pc)</p>	 <p>RER41718 - Link Set Complete (Plastic) (1set)</p>
 <p>RER41719 - Pre-mounted 1/32 Tires and Wheels (Black)(4pcs)</p>	 <p>RER41720 - Front Axle Complete (1pc)</p>	 <p>RER41721 - Ascent 32 Body (Red)(1pc)</p>	 <p>RER41722 - Ascent 32 Body (Blue) (1pc)</p>
 <p>RER41723 - Ascent 32 Body (Silver) (1pc)</p>	 <p>RER41724 - Ascent 32 Body (Pink)(1pc)</p>	 <p>RER41725 - Ascent 32 Body (Clear) (1pc)</p>	 <p>RER41726 - Center Gearbox Complete (1set)</p>
 <p>RER41727 - MR-30 ESC/RX 2 in 1 (1pc)</p>	 <p>RER41728 - MT-30 2.4ghz 2 Channel Radio (1pc)</p>	 <p>RER41729 - 2g Servo (1pc)</p>	 <p>RER41730 - 3.7V 300mah Battery Lipo (1pc)</p>
 <p>RER41731 - USB Charger (1pc)</p>	 <p>RER41732 - Screw Kit Complete (1set)</p>	 <p>RER41733 - Bumpers and Bumper Mounts</p>	 <p>RER41734 - Center Chassis Plastics</p>



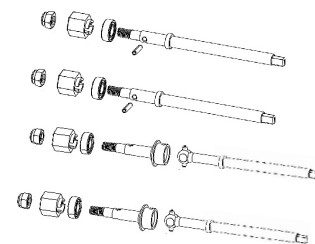
RER41735 - Frame Rails (1 pair)



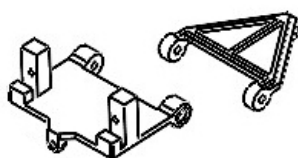
RER41736 - Body Posts and Body Post Holders



RER41737 - Front Steering Knuckles (1 pr)

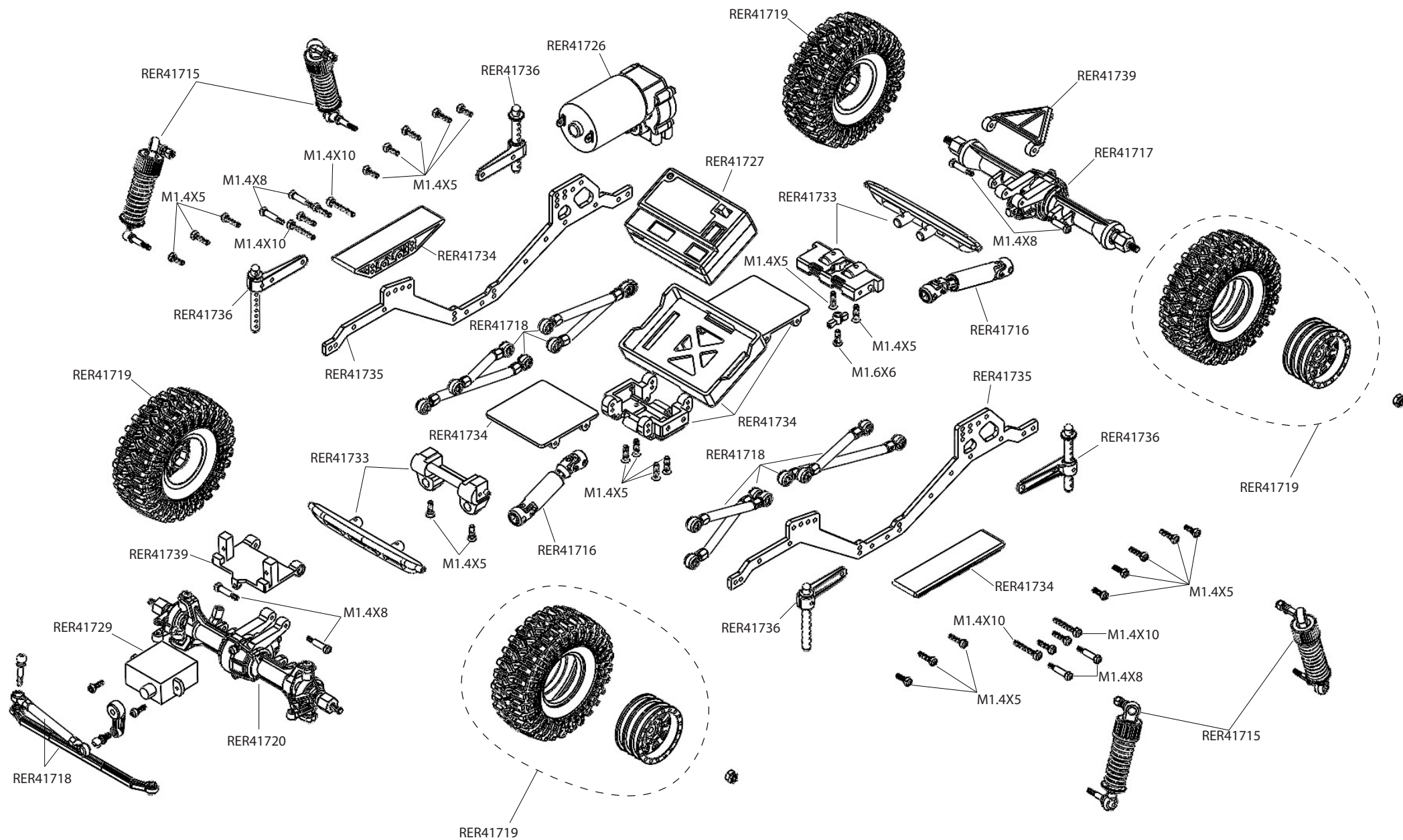


RER41738 - Axle Shaft Set with Hexes



RER41739 - Front and Rear Axle Braces

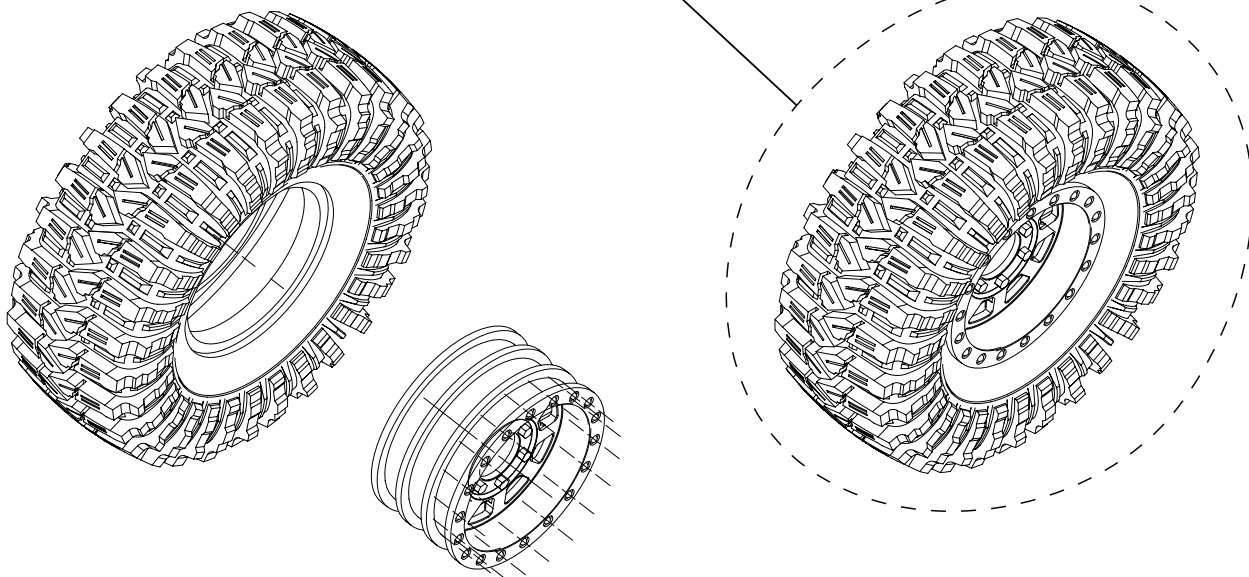
EXPLODED VIEWS
COMPLETE EXPLODED VIEW



EXPLODED VIEWS

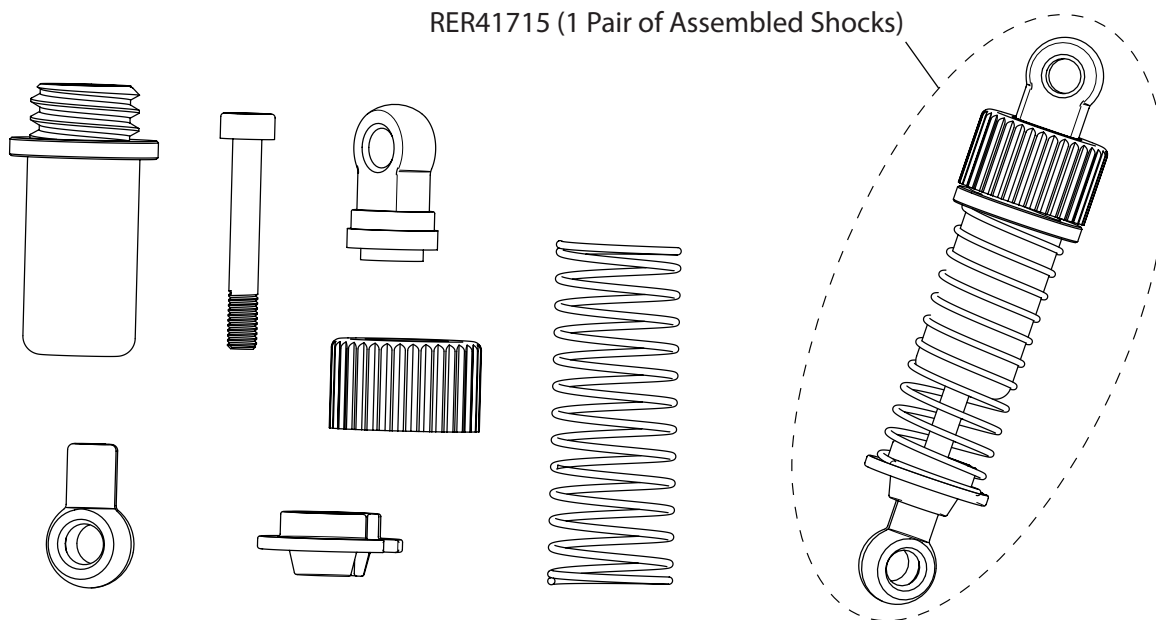
TIRES/WHEELS

RER41719 Pre-mounted 1/32 Tires and Wheels (Black)(4pcs)



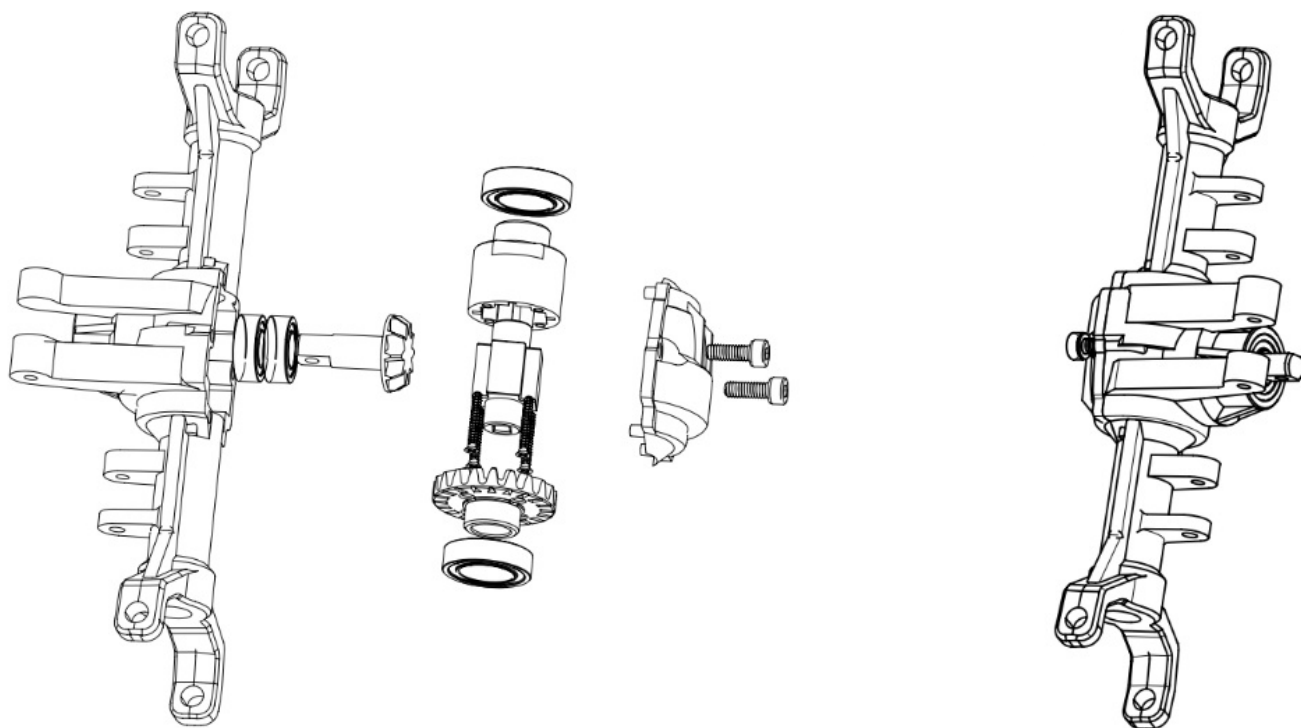
SHOCK ASSEMBLY

RER41715 (1 Pair of Assembled Shocks)



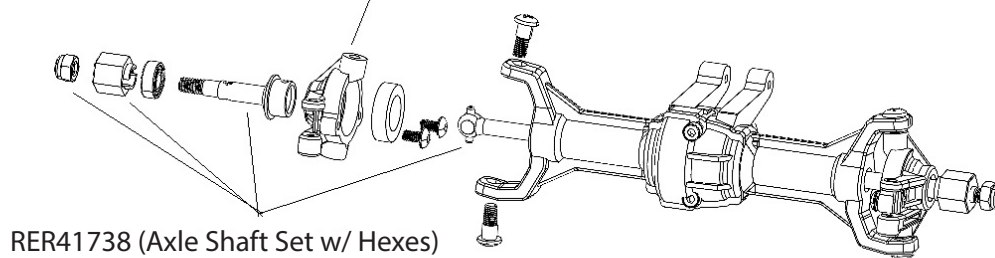
EXPLODED VIEWS

FRONT AXLE ASSEMBLY



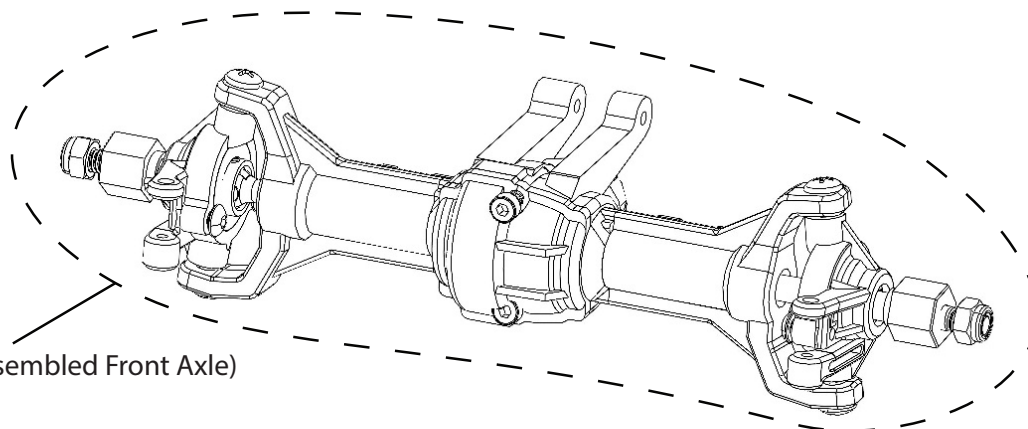
FRONT AXLE ASSEMBLY

RER41737 (Front Steering Knuckles)

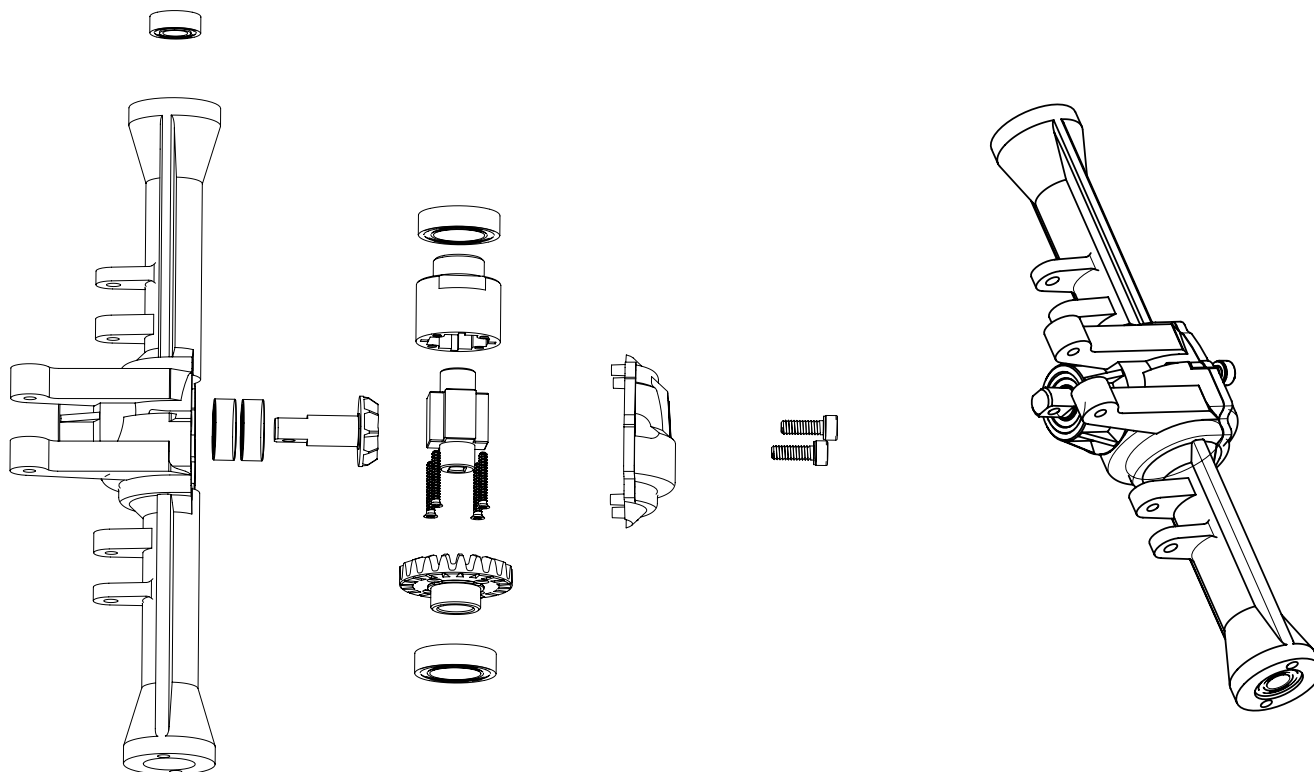


RER41738 (Axle Shaft Set w/ Hexes)

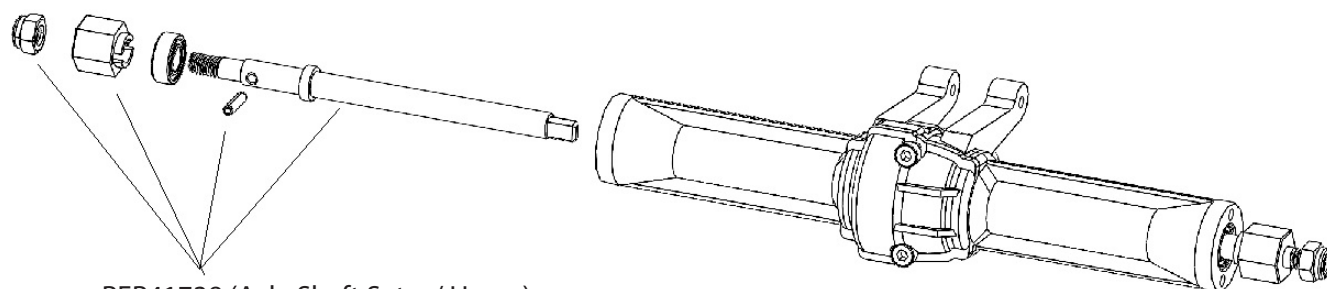
RER41720 (Assembled Front Axle)



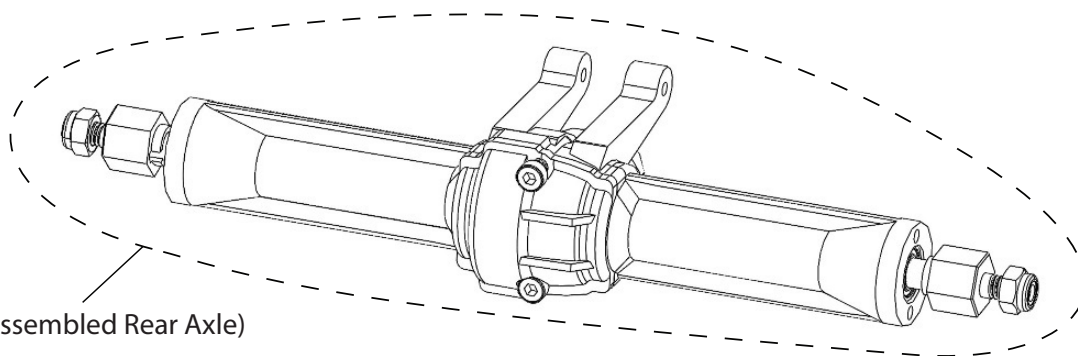
EXPLODED VIEWS
REAR AXLE ASSEMBLY



REAR AXLE ASSEMBLY



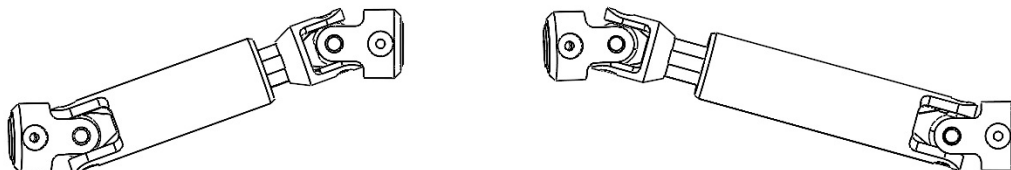
RER41738 (Axle Shaft Set w/ Hexes)



RER41717 (Assembled Rear Axle)

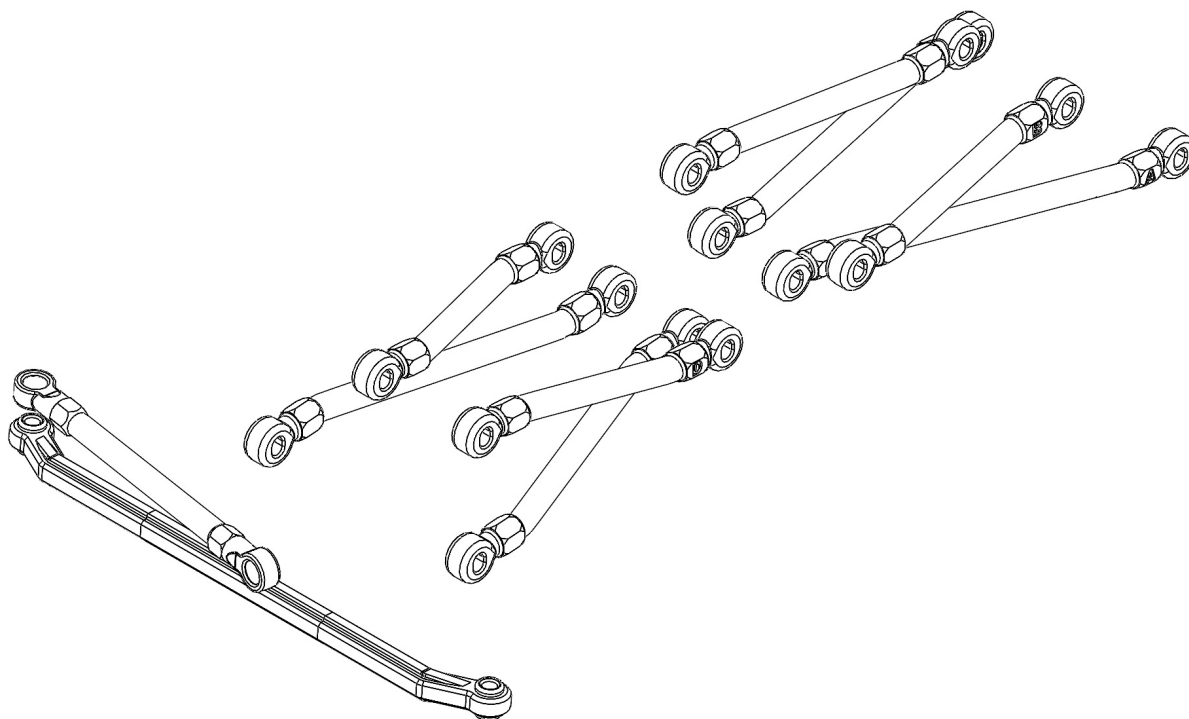
EXPLODED VIEWS**DRIVESHAFTS**

RER41716 (Set of Front & Rear Driveshafts)

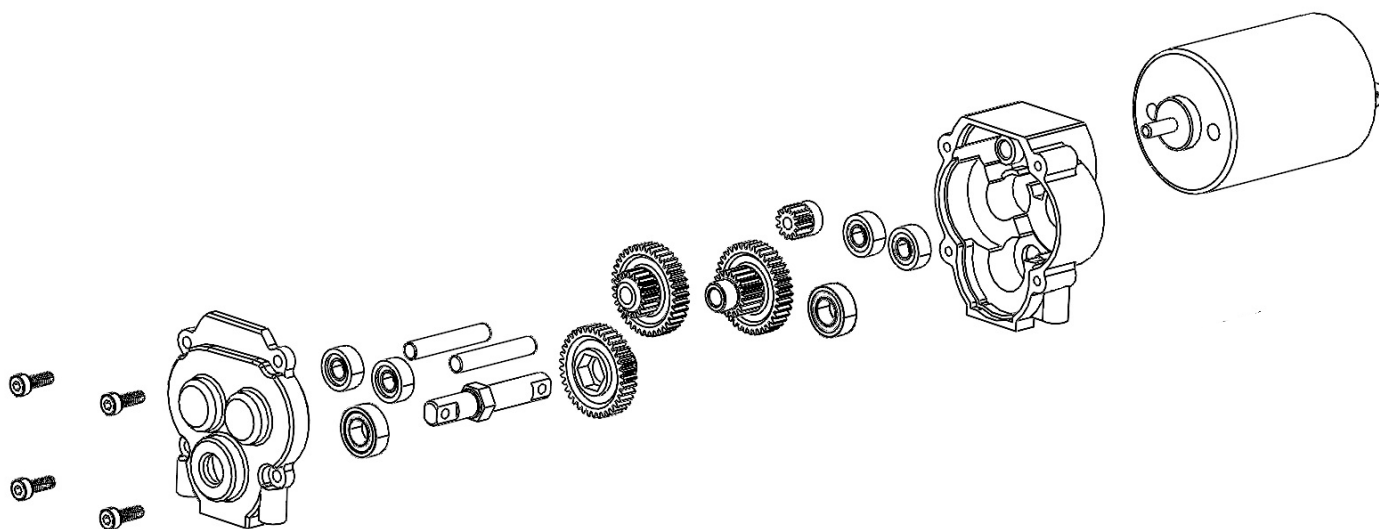


SUSPENSION & STEERING LINKS

RER41718 (Complete Set of Links)

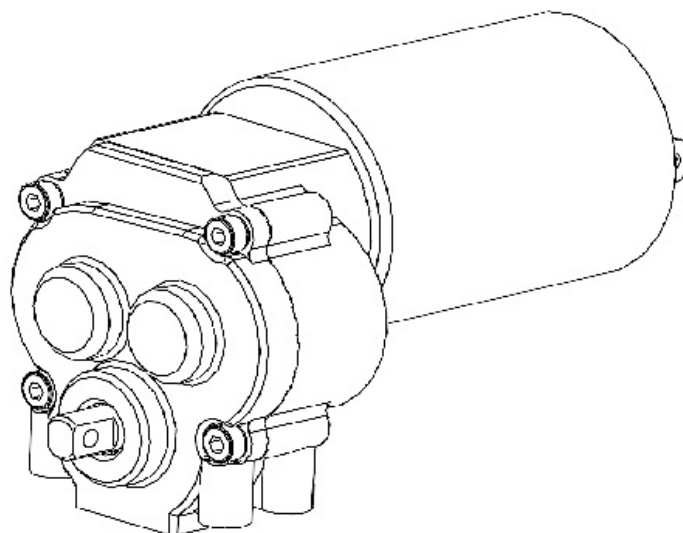


EXPLODED VIEWS
GEARBOX ASSEMBLY



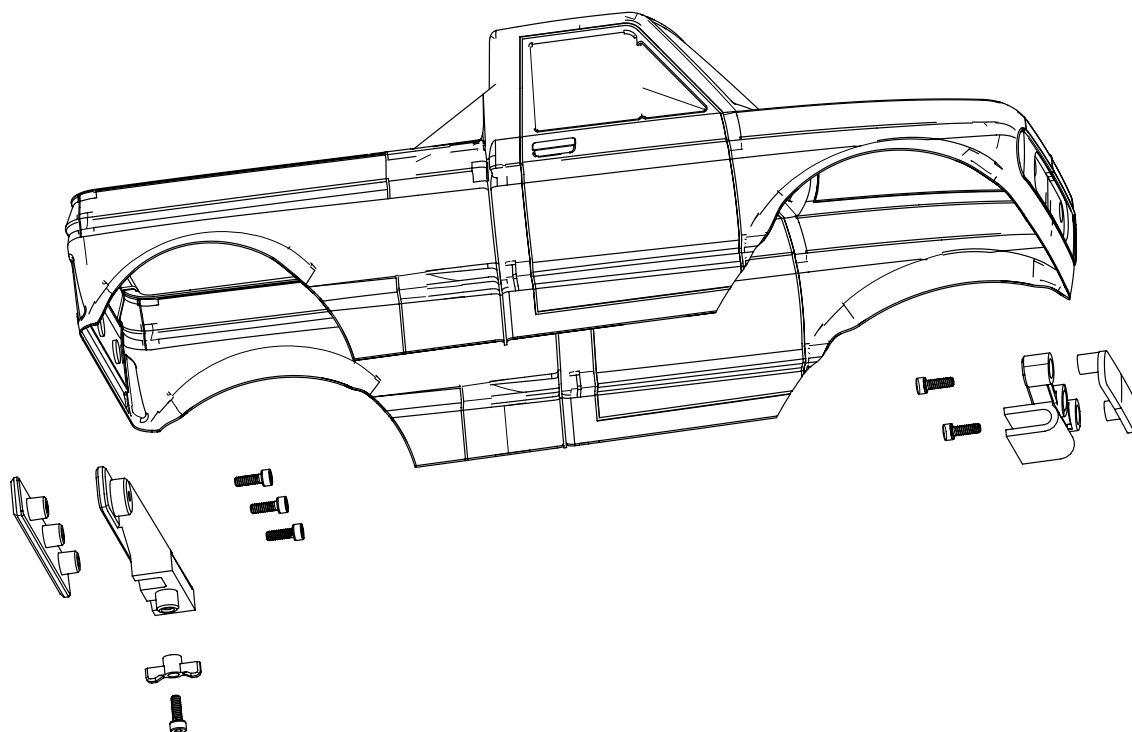
GEARBOX COMPLETE

RER41726 (Gearbox - Complete - Includes Motor)



EXPLODED VIEWS

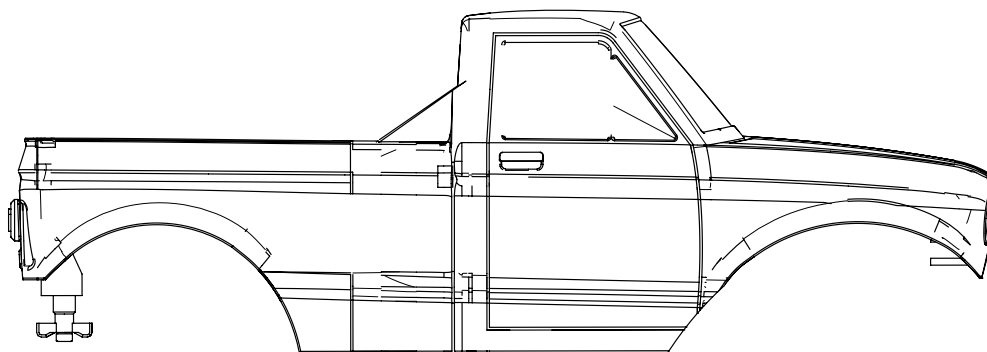
BODY ASSEMBLY



BODY - COMPLETE

Fully Assembled - Screen Printed Body

RER41721 - Red
RER41722 - Blue
RER41723 - Silver
RER41724 - Pink
RER41725 - Clear (Not Assembled, but Includes All Pieces)





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 <https://www.tiktok.com/@redcatracing>

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