PANDA HOBBY™

A MODEL BEYOND YOUR EXPECTATIONS

TETRA x1

1/18th Scale Crawler 4WD

COMPLETELY READY-TO-RUN

INSTRUCTION MANUAL

F R Controllable Lights

Alloy Oil Damper

RTR Ready to Run

4WD CRAWLER

2.4 RADIO SYSTEM

LiHon

BL

Thank you for purchasing a Panda Hobby 1/18th 4WD Scale Crawler.
Your model is a high quality 4WD vehicle.

This manual contains the instructions you will need to operate and maintain your model so that you can enjoy it for years to come. We want you to feel confident that you own one of the best-performing models in the market and that it is backed by a team of professionals who aim to provide the highest level of factory support possible. This manual contains all the necessary setup and operating procedures that allow you to unlock the performance and potential that our engineers designed into your model. Even if you are an experienced R/C enthusiast, it' important to read and follow the procedures in this manual. Thank you for choosing Panda Hobby. We hope you enjoy your new model !

CONTENTS

SAFETY PRECAUTIONS

All instructions and precautions outlined in this manual should be strictly followed to ensure safe operation of your model. This model is not intended for use by children under 14 years of age without the supervision of a responsible and knowledgeable adult.

We want you to safely enjoy your new model. Operate your model sensibly and with care, and it will be exciting, safe, and fun for you and those around you. Failure to operate your model in a safe and responsible manner may result in property damage and serious injury. The precautions outlined in this manual should be strictly followed to help ensure safe operation. You alone must see that the instructions are followed and the precautions are adhered to.

Important Points to Remember

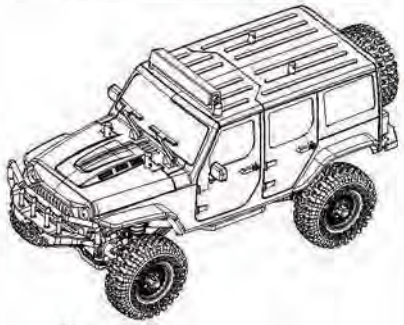
- Your model is not intended for use on public roads or congested areas where its operation can conflict with or disrupt pedestrian or vehicular traffic.
- Never, under any circumstances, operate the model in crowds of people.Your model is fast and could cause injury if allowed to collide with anyone.
- Because your model is controlled by radio, it is subject to radio interference from many sources that are beyond your control. Since radio interference can cause momentary losses of radio control, always allow a safety margin in all directions around the model in order to prevent collisions.
- The motor and battery can become hot during use. Be careful to avoid getting burnt.
- Don't operate your model at night, or anytime your line of sight to the model may be obstructed or impaired in any way.
- Most importantly, use good common sense at all times.

ESC（Speed Control）

- Disconnect the Battery: Always disconnect the battery from the model when not in use.
- Transmitter on First: Switch on your transmitter first before switching on the speed control to prevent runaways and erratic performance.
- Don't Get Burnt: The motor can become extremely hot during use, so be careful not to touch it until it is cool. Make sure there is adequate airflow to the motor.
- Use the Factory-Installed Connectors: Do not change the battery connector. Improper wiring can cause fire or damage to the ESC. Please note that modified speed controls can be subject to a rewiring fee when returned for service.
- Insulate the Wires: Always insulate exposed or damaged wiring with heat shrink tubing to prevent short circuits.More information please refer to your ESC instruction manual.

SUPPLIED EQUIPMENT AND REQUIRED EQUIPMENT

SUPPLIED EQUIPMENT



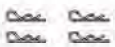
2.4Ghz 3ch Full Function Radio

7.4V 500Mah Li-ion Battery

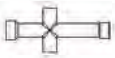
USB Charger

Hex Wrench 1.5mm

Jumper Plug



Body Clips



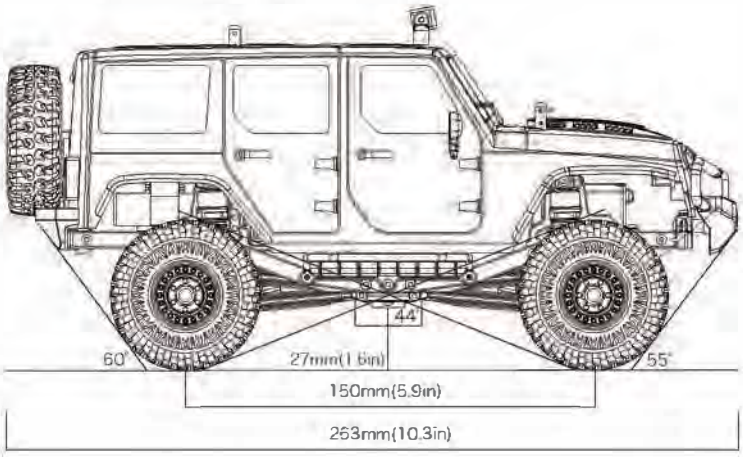
Cross wrench

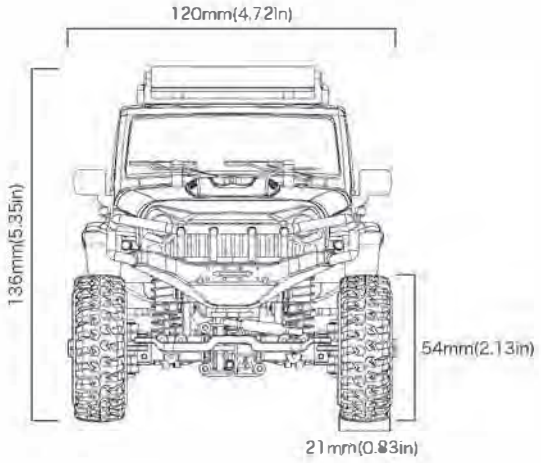
4AA Alkaline Dry Batteries

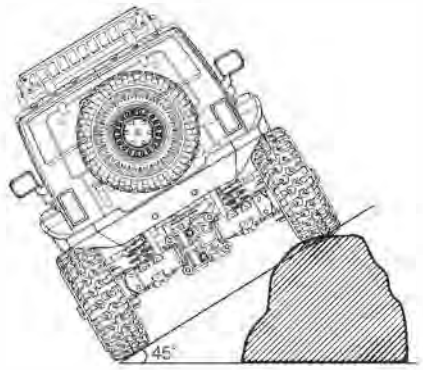
REQUIRED EQUIPMENT

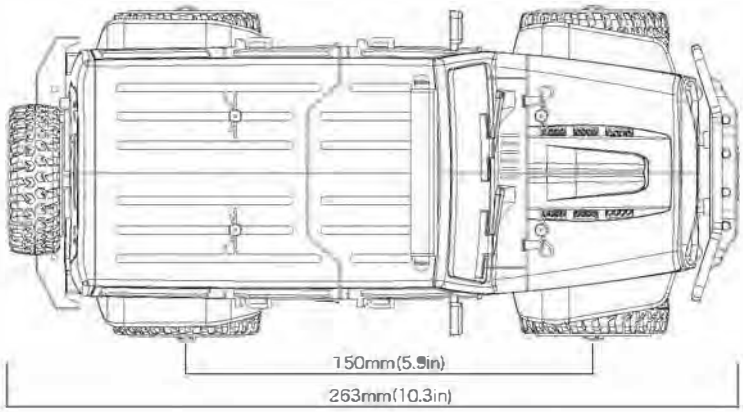
Nothing

3-VIEW DRAWING

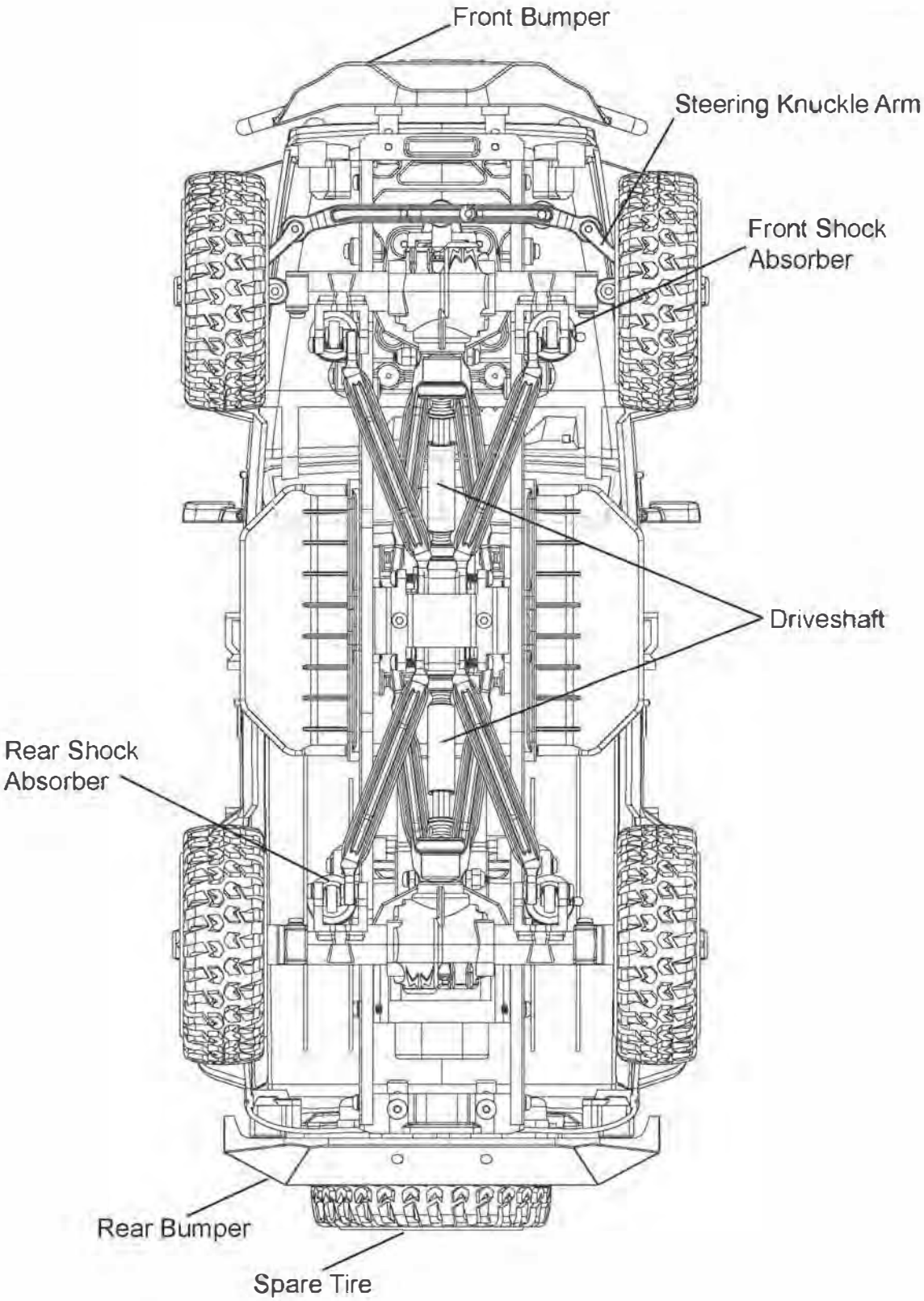








BOTTOM VIEW PARTS



SPECIFICATIONS

Vehicle Type:	4WD Scale Crawler
Approximate Assembly Time:	No assembly required - true RTR
Battery:	500mAh 2-cell Li-ion w/ IST connector (included)
Body:	Scale, silk printed
Motor Size:	Brushed 180 51T reverse rotation
Motor Type:	Brushed
Charger:	USB Charger
Chassis Structure / Material:	Steel Ladder Frame with Nylon Composite Crossmembers
Drive System:	Shaft Driven 4WD
Completion Level:	Ready-To-Run
Differential:	Locked
Radio:	2.4GHz
Steering servo:	Included
Size/Scale:	1:18
Speed Control:	Included - fully proportional forward & reverse
Suspension:	Solid Axle 4-Link
Water-Resistant:	Yes
Wheel Type:	Black Molded
Shock Type:	55mm(2.16 in) Oil filled, alloy (4)
Brake Type:	Electronic
Steering:	Chassis Mounted Servo
Transmission:	3-speed H-M-L, Remote Shifting
Lights:	Front & Rear LED (controllable)

Approach Angle:	55°	Ground clearance:	27mm capable: (1.06")
Departure Angle:	60°	Axle ground clearance:	21mm: (0.83")
Breakover Angle:	44°	Height:	136mm (5.35 in)
Max climb angle:	50°	Length:	263mm (10.30 in)
Max tilt angle:	45°	Width:	120mm (4.72 in)
Axle articulation:	25°	Wheelbase:	150mm (5.90 in)
Front Track:	119mm (4.68 in)	Rear Track:	119mm (4.68 in)

Shock Length:	55mm (2.16 inches)	Weight Blocks weight:	46g(1.62oz)
Wheels:	25.4 x 15mm (1 x 0.6 inches)	Running weight:	483g (1.06lbs)
Tires:	54x 21mm (2.13 x 0.83 inches)	Weight without battery:	455g (1.00lbs)
Wheel Hex Size:	7mm	Body Weight with lights:	93g (3.28oz)
Battery Tray:	48 L x 30 W x 22mm H		

Pinion:	12T
Spur Gear:	24T
Transmission:	3-speed H-M-L, Remote Shifting
Drivetrain ratio:	35.5:1
Axle gearing:	2:1

DRIVING YOUR MODEL

Now it's time to have some fun! This section contains instructions on driving and making adjustments to your model. Before you go on, here are some important precautions to keep in mind.

•Allow the model to cool for a few minutes between runs. This is particularly important when using high-capacity battery packs that allow extended periods of running. Monitoring temperatures will extend the lives of the battery and motor.
•Do not continue to operate the model with low batteries or you could lose control of it. Indications of low battery power include slow operation and sluggish servos (slow to return to center). Stop immediately at the first sign of weak batteries. When the batteries in the transmitter become weak, the red power light (please refer to the section of radio system user's guide) will begin to flash. Stop immediately and install new batteries.
•Do not drive the model at night, on public streets, or in large crowds of people.
•If the model becomes stuck against an object, do not continue to run the motor. Remove the obstruction before continuing. Do not push or pull objects with the model.
•Avoid running your model in tall grass, deep sand, or other conditions that severely limit the driving performance of the model. This will strain the power system and could cause early motor failure.
•Because the model is controlled by radio, it is subject to radio interference from many sources beyond your control. Since radio interference can cause momentary losses of control, allow a safety margin of space in all directions around the model in order to prevent collisions.
•Use good, common sense whenever you are drivingyour model. Intentionally driving in an abusive and rough manner will only result in poor performance and broken parts. Take care of your model so that you can enjoy it for a long time to come.
•High-performance vehicles produce small vibrations that may loosen hardware over time. Frequently check wheel bolts and other screws on your vehicle to ensure that all hardware remains properly tightened.

About Run Time
It's impossible to give exact run times for the model, but typically you can expect 20 minutes. Another major factor that affects run time is how the model is driven. Run times may decrease when the model is driven repetitively from a stop to top-speed and with repetitive hard acceleration.

Tips for Increasing Run Time
•Use the included charger.
•Read and follow all maintenance and care instructions provided by the manufacturer of your batteries and charger.
•Keep the speed control cool.
•Maintain your model. Do not allow dirt or damaged parts to cause binding in the drivetrain. Keep the motor clean.
•Considering purchasing an optional higher capacity battery.

CHARGING INSTRUCTIONS

This is a guide for the care and usage of the charger and battery that comes with the vehicle.

C636082-USB Charger

C636081-7.4V 500Mah Li-ion Battery

⚠ CAUTION: The C636082 charger is for use with 2-cell 7.4V Li-ion batteries ONLY and should not be used with any other batteries.

⚠ CAUTION: Never leave the battery unattended while charging. Always disconnect the battery and unplug the charger when finished charging.

⚠ CAUTION: Never store the battery in your car in direct sunlight. Excessive heat may damage the battery.

⚠ CAUTION: Never charge the battery if it is damaged in any way. Loose wires, punctured, puffy or wet.

Remove the battery from the vehicle before charging.

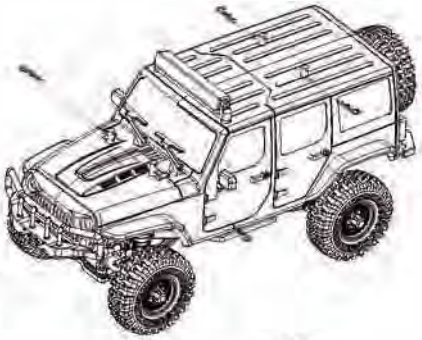
- Place the battery on a fire-resistant surface away from combustible materials.
- Keep the battery and charger away from water and other fluids. Never charge a wet battery.

1. Connect the USB connector to a PC USB port or to a USB AC wall adapter. The Red LED should be lit and solid.
2. Connect the battery to the JST connector on the charger. The Red LED should be lit and stay solid, and the Green LED should flash to indicate charging has commenced. The charger will automatically begin the charging process. When the
3. Red LED and the Green LED are both solid, the battery is fully charged.

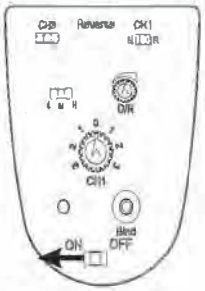
When using the C636082 charger, the C636081 battery should fully charge in 1 hour.

GETTING STARTED

① Remove the body clips and body.

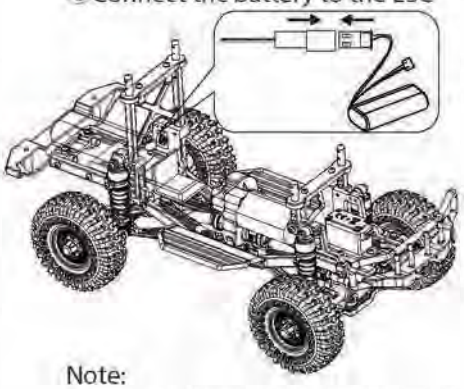


② Install the battery.



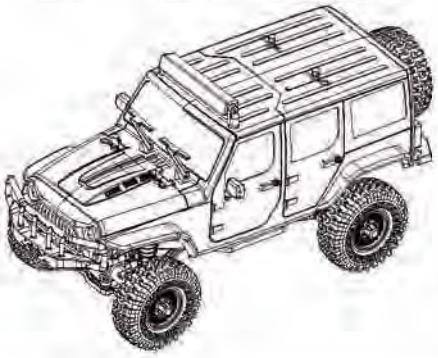
③ Turn on the transmitter.

④ Connect the battery to the ESC



Note:
Power to the vehicle is controlled by connecting/disconnecting the battery.

⑤ install the body and body clips.

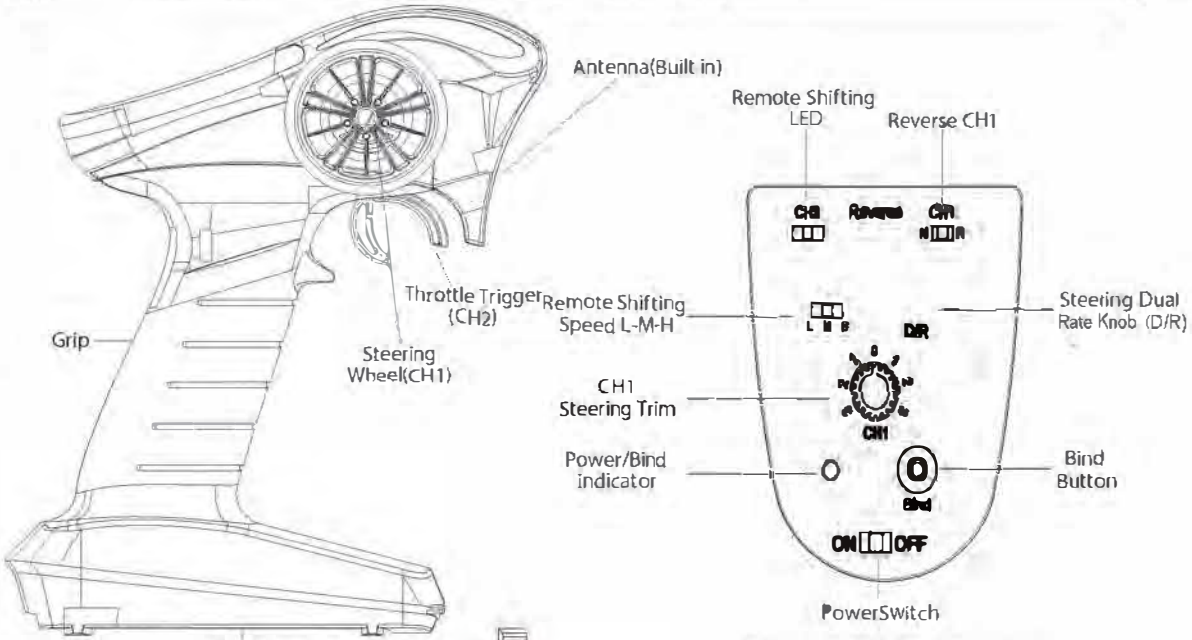


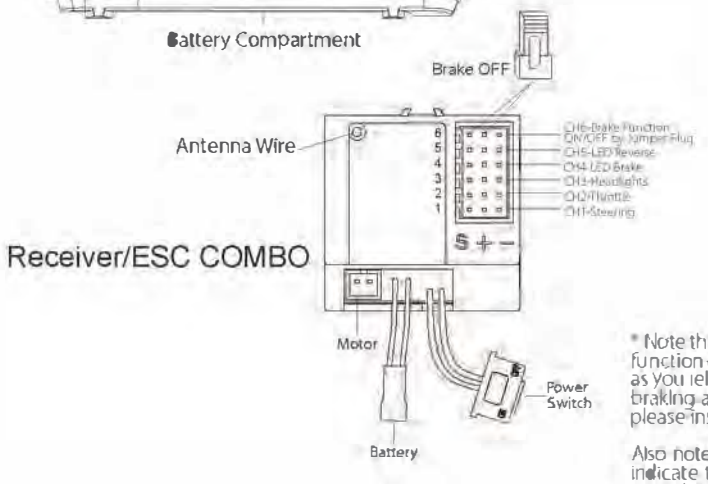
RADIO SYSTEM SPECIFICATIONS

Transmitter
Model: **MT-305A**
FHSS Output Power: <100mW
Operating Voltage: 4.8-6V
Power Supply: 4 Cell Alkaline
Frequency/Modulation Type: 2.4GHz FHSS

Receiver
Model: **MR-203A**
Frequency: 2.4GHz FHSS
Operating Voltage: 6V-7.4V
Dimensions: 33*33*15mm

TRANSMITTER AND RECEIVER/ESC DIAGRAMS





Channel Output

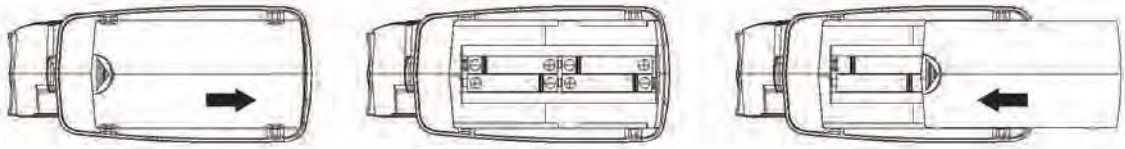
"1":Steering(CH1)
"2":Throttle(CH2)
"3":Headlights(CH3)
"4":LED Brake
"5":LED Reverse
"6":Brake Function ON/OFF by Jumper Plug

* Note that the default brake operation is to have the braking function operational between forwards and reverse. This means as you release the throttle trigger to neutral there will be some braking action occurring. If you do not want this braking action please install the jumper plug as shown.

Also note that this receiver supports the optional use of LED's to indicate the use of brakes. You can plug your optional LED's into output 4 and they will light up when the braking action is functioning.

TRANSMITTER CONTROLS

INSTALLING TRANSMITTER BATTERIES



This transmitter requires 4 AA batteries.

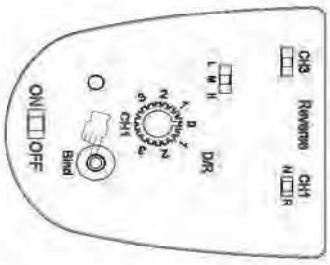
1.Remove the battery cover from the transmitter.
2.Install the batteries as shown.
3.Install the battery cover.

⚠ CAUTION: If using rechargeable batteries, charge only rechargeable batteries. Charging non-rechargeable batteries may cause the batteries to burst, resulting in injury to persons and/or damage to property.

⚠ CAUTION: Risk of explosion if battery is replaced by an incorrection type. Dispose of used batteries according to national regulations.

BINDING

YOUR TETRA X1 COMES BOUND AND READY TO OPERATE. IN THE EVENT THAT YOUR VEHICLE DOES NOT RESPOND TO THE TRANSMITTER, FOLLOW THE BINDING INSTRUCTIONS BELOW.



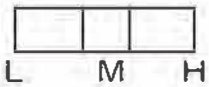
1.Power OFF the ESC/Receiver and transmitter.
2.Connect a fully charged battery to the ESC/Receiver.
3.Press the Bind button and power on the transmitter, LED on transmitter will flash.
4.Power on the receiver.
5.Receiver LED flash, when it goes solid, indicating the bind is successful.

STEERING RATES

Rates (dual rate) allow you to make adjustments to Steering, which allows you to access a different rate by turning

CHANGING THE THROTTLE LIMIT

The Trim function allows electronic adjustment or centering of the steering servo to get the servo arm exactly perpendicular to the servo, or in the exact optimum desired position.



L-Beginner Mode

Throttle limiting Switch: 30%

- Best for learning the basic functions of left, right, stop, brake and reverse
- For use in smaller areas
- Longest battery life

M-Best Overall Performance

Throttle limiting Switch: 60%

- Great top speed and acceleration
- Easier to accelerate in desired direction, especially on loose surfaces when compared to Maximum Speed setup
- Run time is greatly in creased over Maximum Speed setup with minimal impact to speed

H-Maximum Speed

Throttle limiting Switch: 100%

- More capable of popping and holding wheelies
- Higher top speeds and maximum acceleration

Maintaining Your Model

Your model requires timely maintenance in order to stay in top running condition. The following procedures should be taken very seriously.

Inspect the vehicle for obvious damage or wear. Look for:
1. Cracked, bent, or damaged parts
2. Check the wheels and steering for binding.
3. Check the operation of the shock absorbers.
4. Check the wiring for any frayed wires or loose connections.
5. Check the mounting of the receiver and servo(s) and speed control.
6. Check the tightness of the wheel nuts with a wrench.
7. Check the operation of the radio system, especially the condition of the batteries.
8. Check for any loose screws in the chassis structure or suspension.
9. Inspect the gears for wear, broken teeth, or debris lodged between the teeth.
10. Check the tightness of the front pivot balls.

Motor: Every 10-15 runs, remove, clean, and lubricate the motor.Use a product such as electric motor cleaning spray to flush dirt out of the motor. After cleaning, lubricate the bushings at each end of the motor with a drop of light-weight electric motor oil.

Chassis: Keep the chassis clean of accumulated dirt and grime. Periodically inspect the chassis for damage.

Shocks: Keep the oil level in the shocks full. Use only 100% pure silicone shock oil to prolong the life of the seals. If you are experiencing leakage around the top of the shock, inspect the bladder in the top cap for signs of damage or distortion from overtightening. If the bottom of the shock is leaking, then it is time for a rebuild.

Suspension: Periodically inspect the model for signs of damage, such as bent or dirty suspension pins, bent turnbuckles, loose screws, and any signs of stress or bending. Replace components as needed.

Driveline: Inspect the driveline for signs of wear such as worn drive yokes, dirty axle half shafts, and any unusual noise or binding. Remove the gear cover, inspect the spur gear for wear, and check the tightness of set screws in the pinion gears.Tighten, clean, or replace components as needed.

Storage
When you are through running the model for the day, blow it off with compressed air or use a soft bristled paint brush to dust off the vehicle. Always disconnect and remove the battery from the model whenever the model is stored. If the model will be stored for a long time, then also remove the batteries from the transmitter.Keep this manual and the other documents included with your model for future reference. If you misplace your manual or any of the documents, they may be downloaded at www.pandahobby.com.

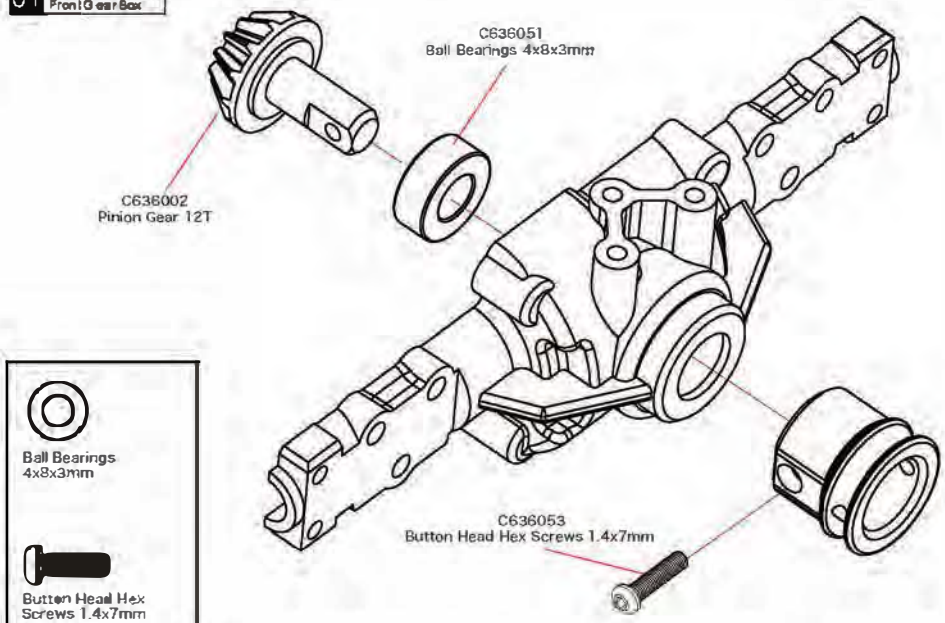
TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Vehicle does not operate	Battery not charged or connected	Charge battery, plug battery in, check connector
	ESC switch not ON	Turn ON ESC switch, using your ESC instruction manual
	Transmitter low battery or not ON	Replace batteries,/Turn ON
Motor runs but rear wheels don't move	Pinion not meshing with spur gear	Adjust pinion/spur mesh
	Pinion spinning on motor shaft	Replace pinion gear on motor
	Transmission gears stripped	Replace transmission gears
	Drive pin broken	Check and replace drive pin
Steering does not work	Servo plug not in receiver properly	Plug servo in, check connector
	Servo failure	Replace or repair servo
	Locked up steering linkage	Free up steering linkage
Won't turn in one direction	Servo gears damaged	Replace servo
Motor does not run	Motor plugs loose	Plug motor in completely
	Motor wire broken	Repair or replace as needed
	ESC out of adjustment/ESC damaged	Reset ESC using your ESC instruction manual/Replace ESC
	Motor failure	Replace motor
ESC gets hot	Motor over-geared	Use smaller pinion or larger spur gear on motor
	Driveline bound up	Check wheels, suspension and transmission for binding
Poor run time and/or sluggish acceleration	Battery pack not fully charged	Recharge battery
	Charger not allowing full charge	Try another charger
	Motor worn out	Replace motor
	Drivelne bound up	Check wheels, transmission for binding
Poor range and/or glitching	Transmitter batteries low	Check and replace
	Vehicle battery low	Recharge or replace
	Loose plugs or wires	Check all wire connections and plugs
Slipper won't adjust	Drive pin missing in shaft	Replace drive pin
	Spur gear face worn out	Replace spur gear and adjust slipper
Goes backwards when you pull the trigger, or forward when pushing		Check throttle reversing switches on transmitter. Reset ESC. Using your transmitter manual and ESC manual
Goes right when turning the wheel left(or left when turned right)		Check steering reversing switches on transmitter using your transmitter manual
Reverse problem	No reverse	Reverse has a 2 seconds delay once the vehicle is at a complete stop. Make sure to test this before resetting your ESC
	No reverse or brakes	Reset your ESC, or repair your ESC

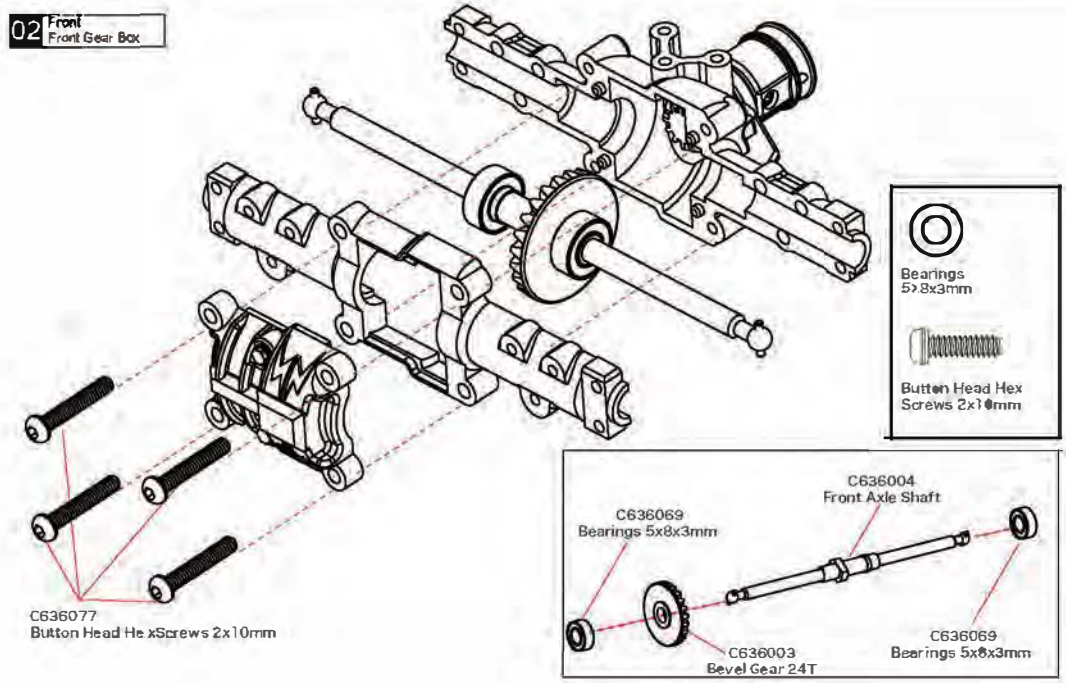
ASSEMBLY STEPS

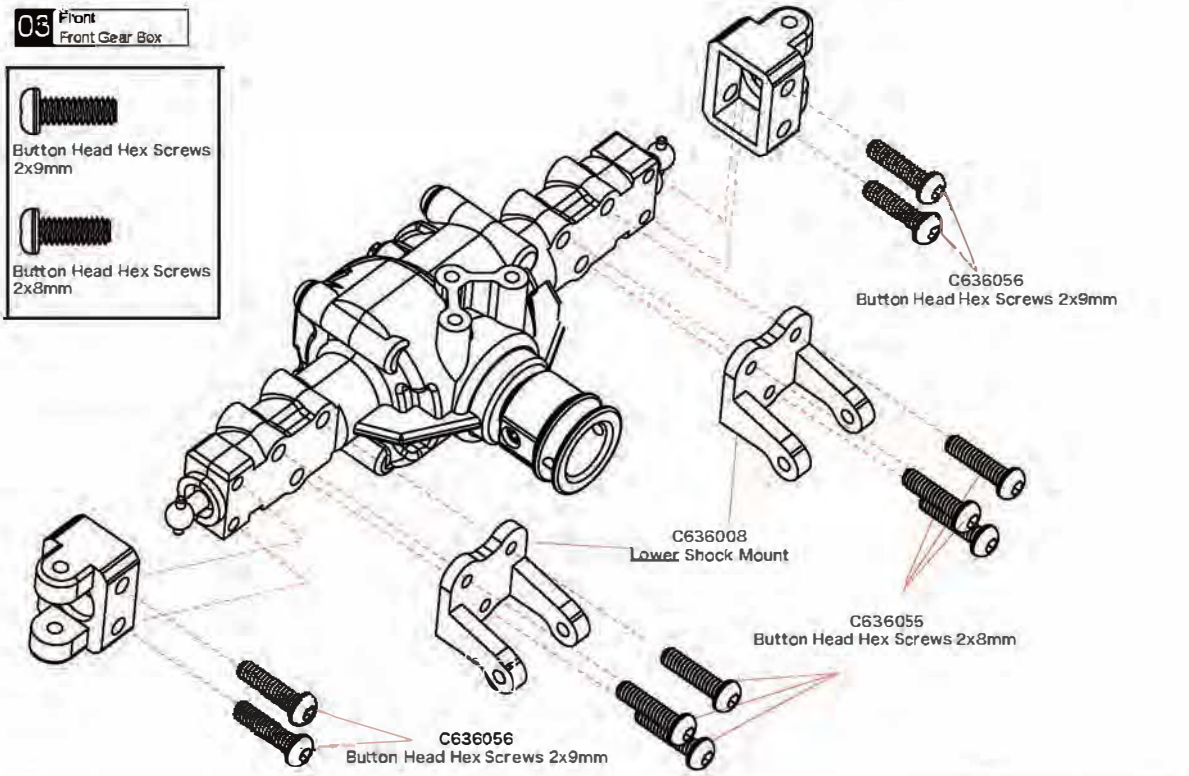
*** FOR MAINTENANCE PURPOSES, OR TO REPLACE A DAMAGED PART, THE FOLLOWING PAGES WILL GUIDE YOU THROUGH DIS-ASSEMBLY AND ASSEMBLY.**

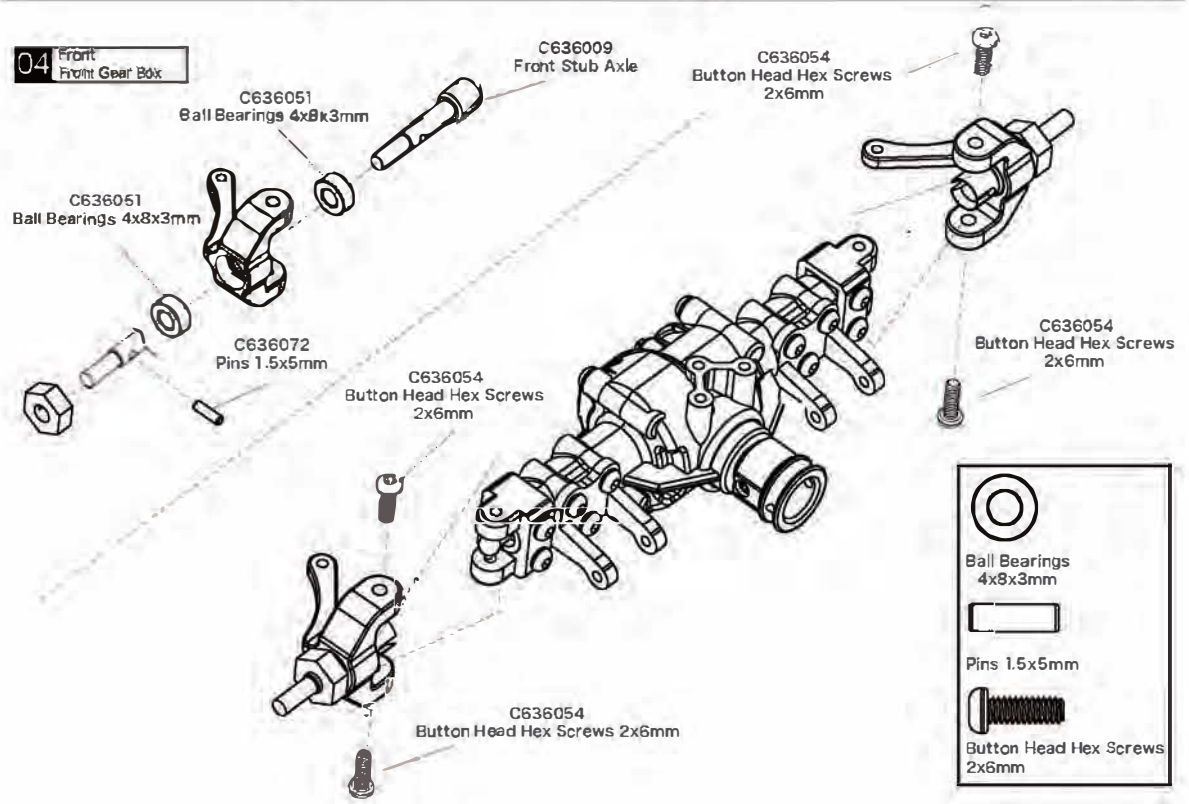
01 Front
Front Gear Box



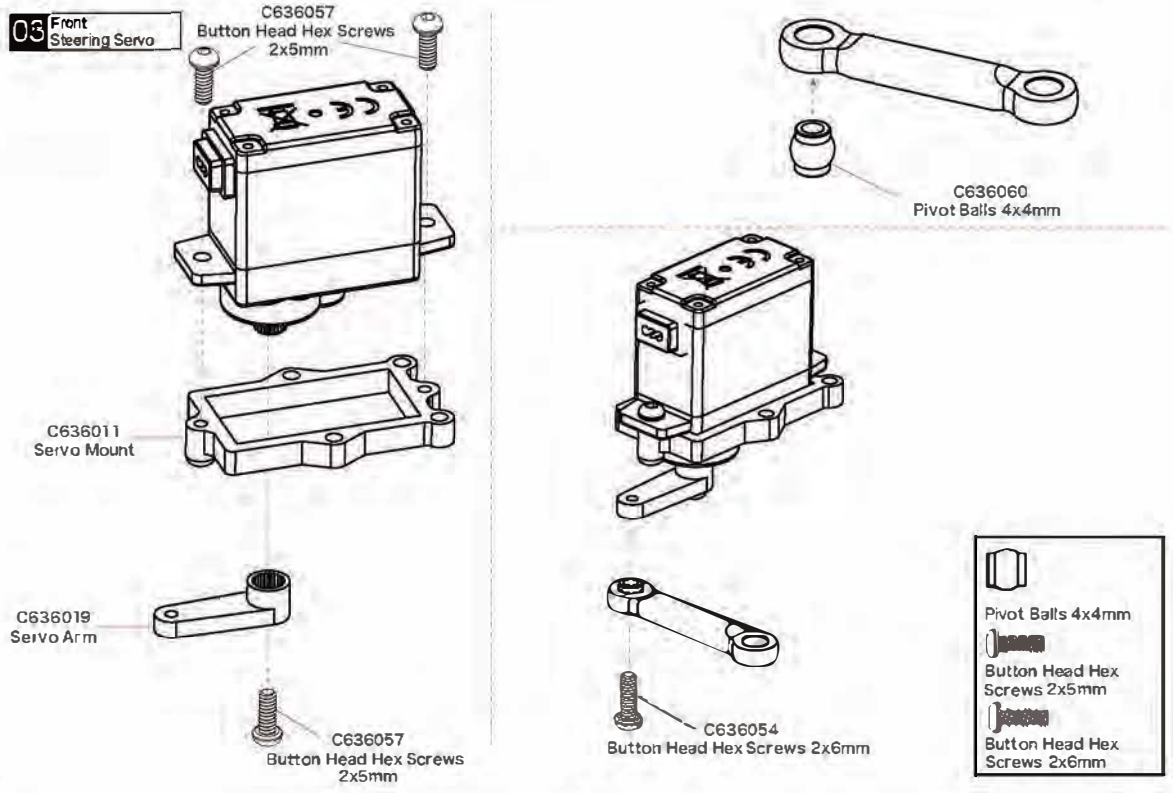
02 Front
Front Gear Box

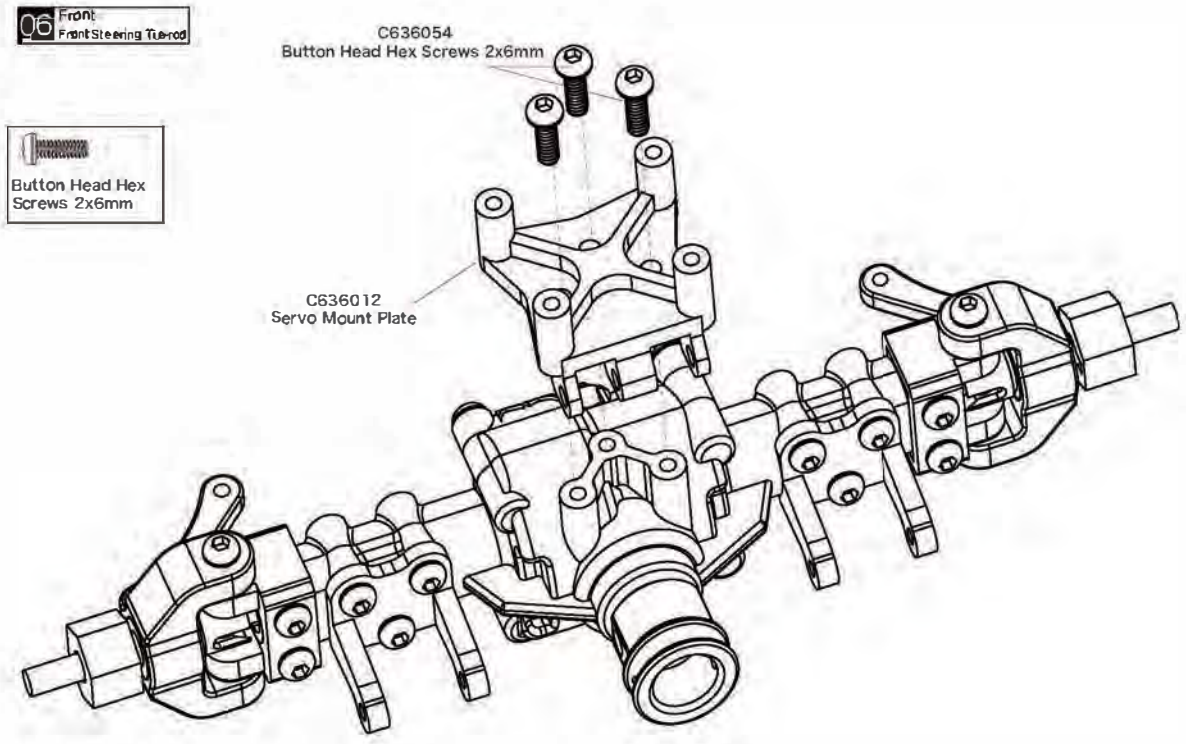


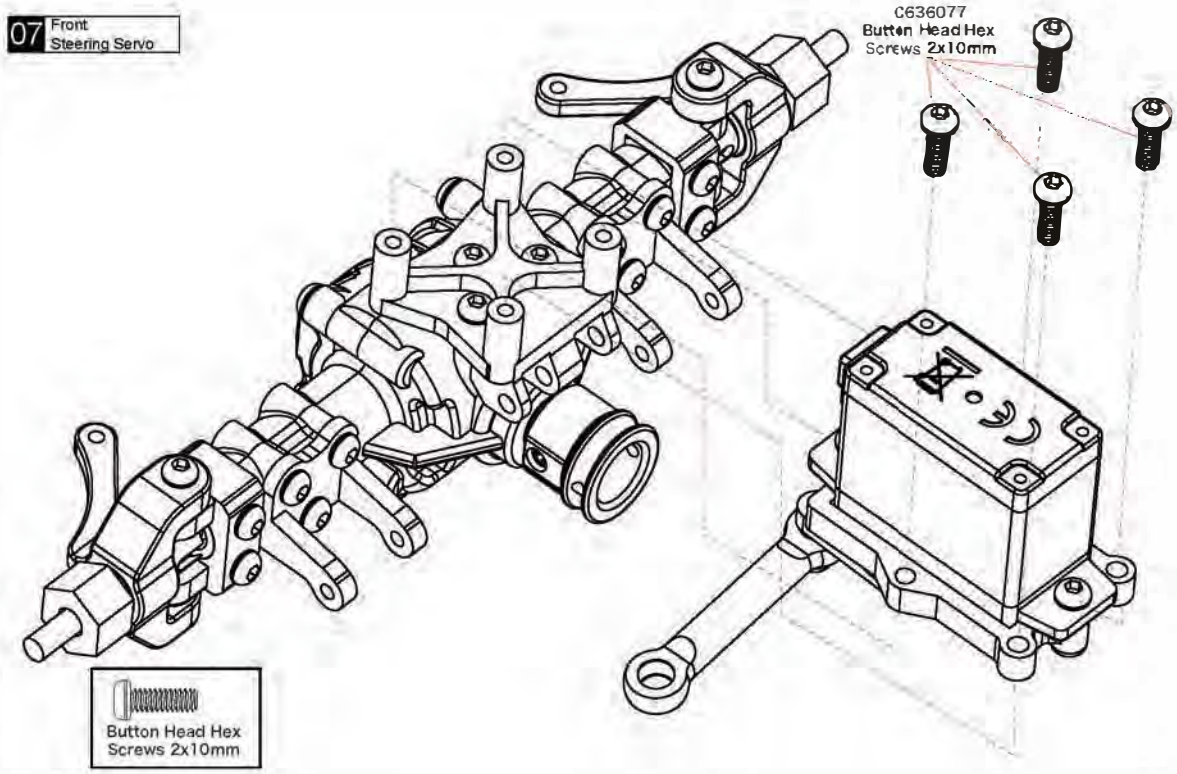

03 Front
Front Gear Box
Button Head Hex Screws 2x9mm
Button Head Hex Screws 2x8mm
C636056
Button Head Hex Screws 2x9mm
C636008
Lower Shock Mount
C636055
Button Head Hex Screws 2x8mm
C636056
Button Head Hex Screws 2x9mm

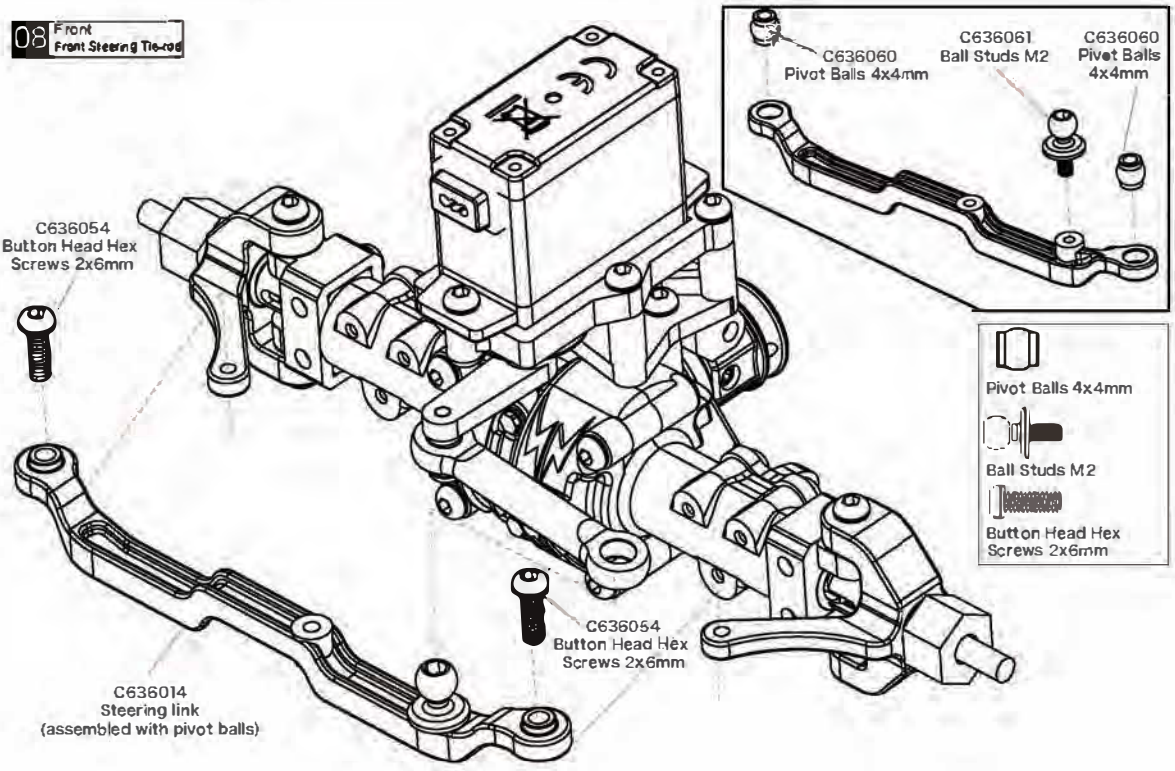

04 Front
Front Gear Box
C636009
Front Stub Axle
C636051
Ball Bearings 4x8x3mm
C636051
Ball Bearings 4x8x3mm
C636072
Pins 1.5x5mm
C636054
Button Head Hex Screws 2x6mm
C636054
Button Head Hex Screws 2x6mm
C636054
Button Head Hex Screws 2x6mm
C636054
Button Head Hex Screws 2x6mm
Ball Bearings 4x8x3mm
Pins 1.5x5mm
Button Head Hex Screws 2x6mm

ASSEMBLY STEPS



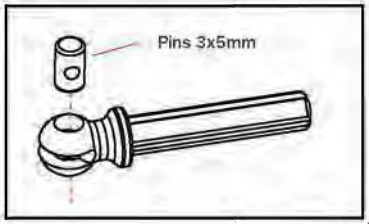


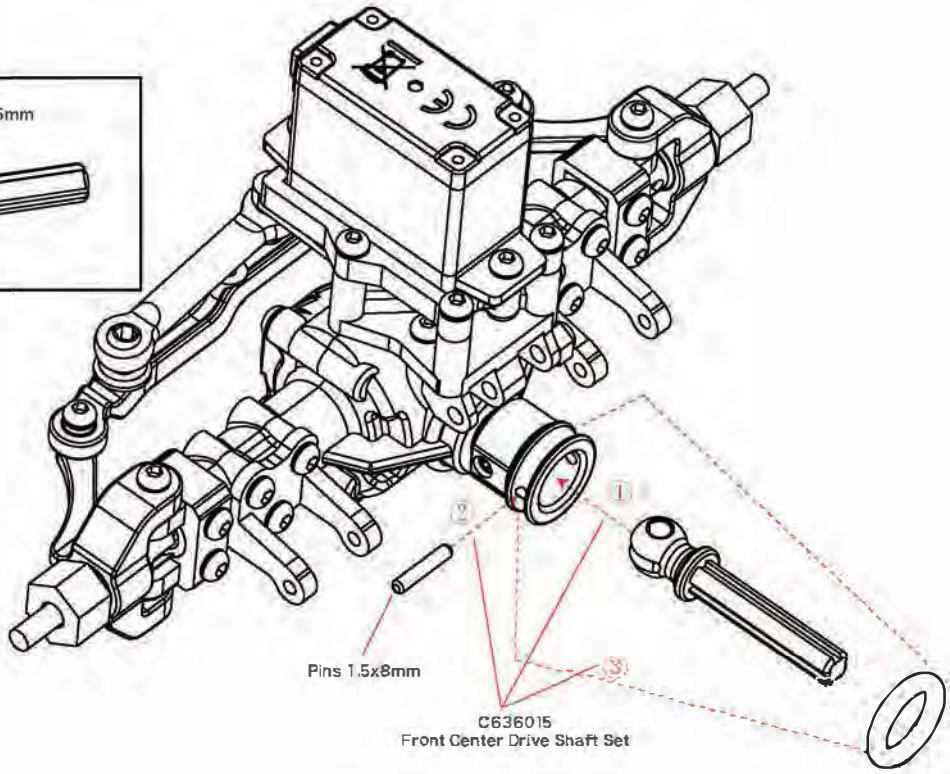

07 Front Steering Servo
C636077
Button Head Hex
Screws 2x10mm
Button Head Hex
Screws 2x10mm

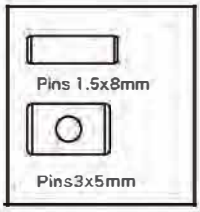

08 Front Front Steering Tie-rod
C636060
Pivot Balls 4x4mm
C636061
Ball Studs M2
C636060
Pivot Balls
4x4mm
C636054
Button Head Hex
Screws 2x6mm
Pivot Balls 4x4mm
Ball Studs M2
Button Head Hex
Screws 2x6mm
C636054
Button Head Hex
Screws 2x6mm
C636014
Steering link
(assembled with pivot balls)

ASSEMBLY STEPS

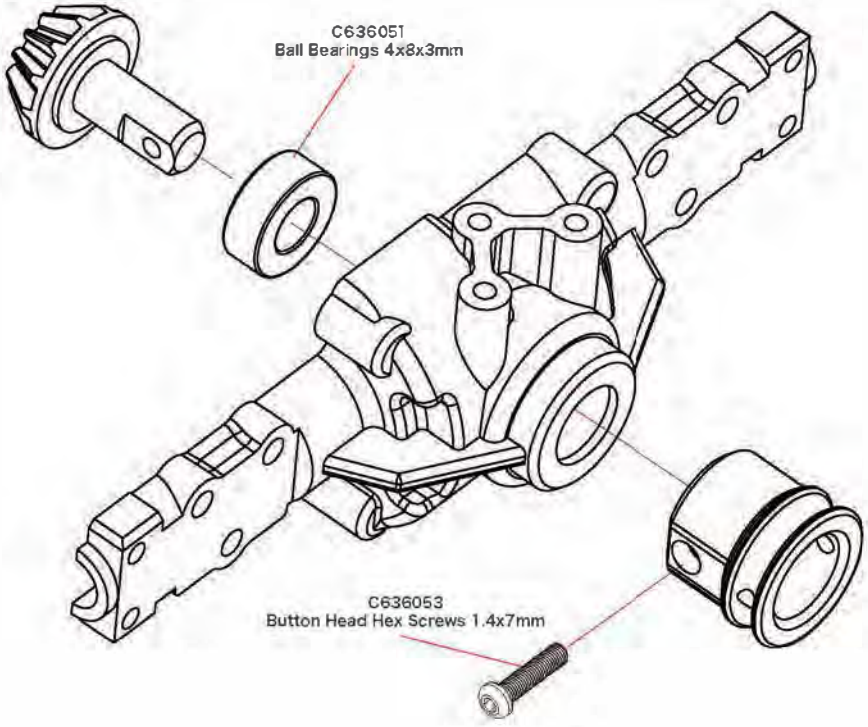
09 Front
Front Drive Shaft

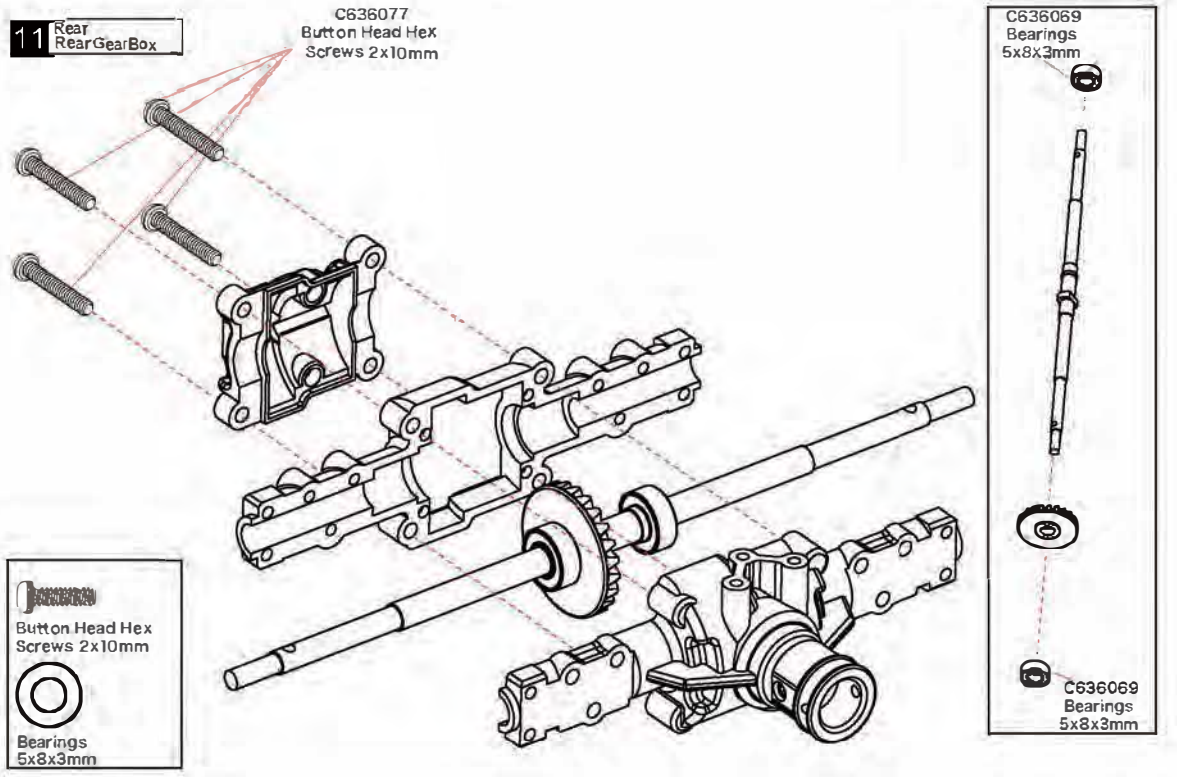


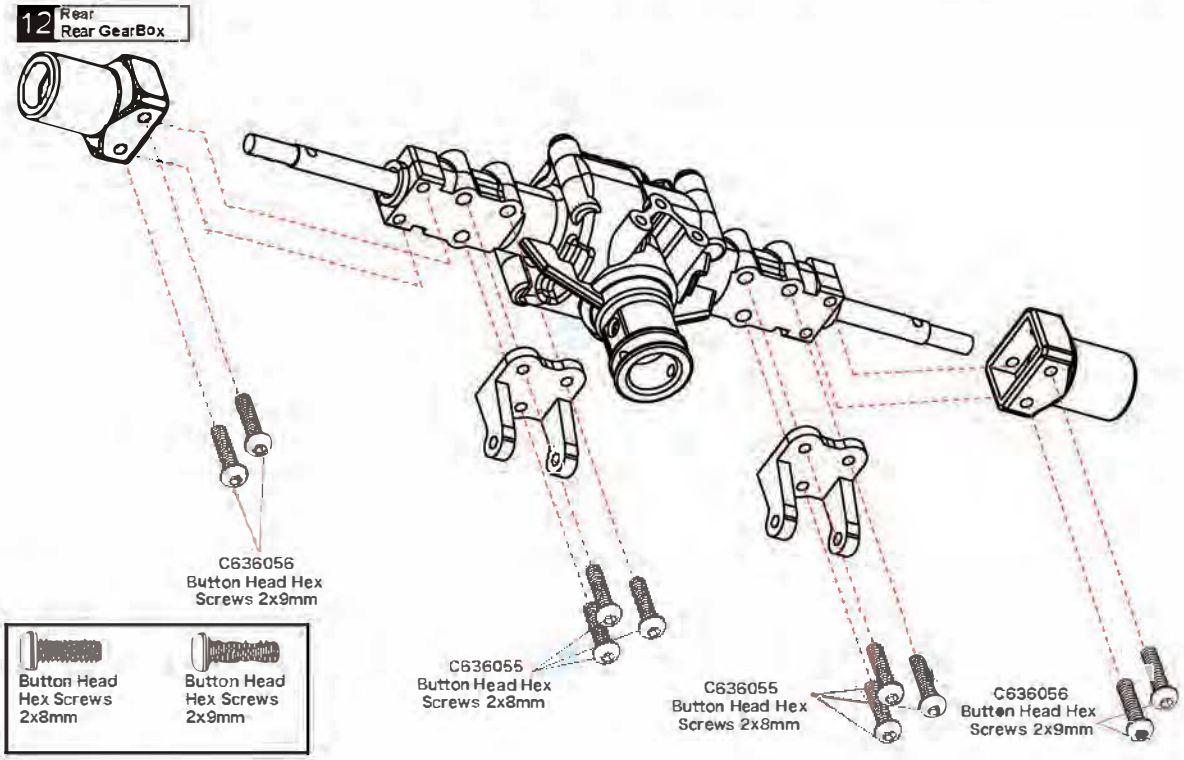




10 Rear
Rear Gear Box

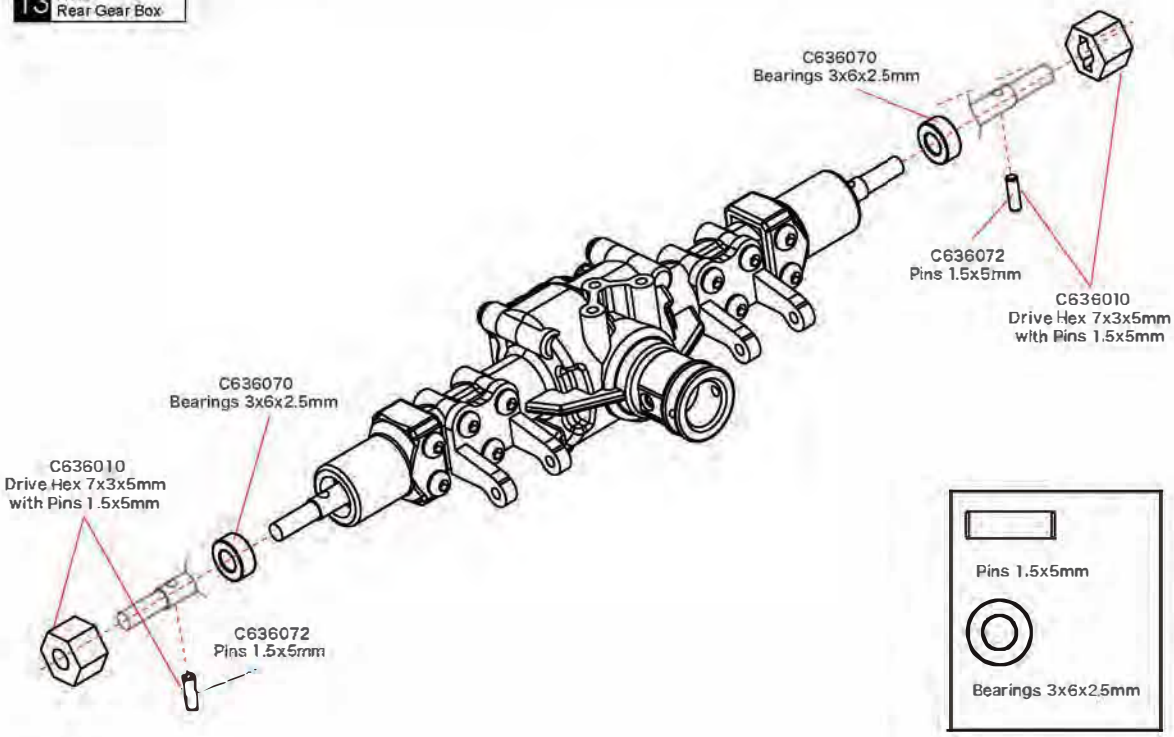



11 Rear RearGearBox
C636077
Button Head Hex
Screws 2x10mm
C636069
Bearings
5x8x3mm
Button Head Hex
Screws 2x10mm
Bearings
5x8x3mm
C636069
Bearings
5x8x3mm

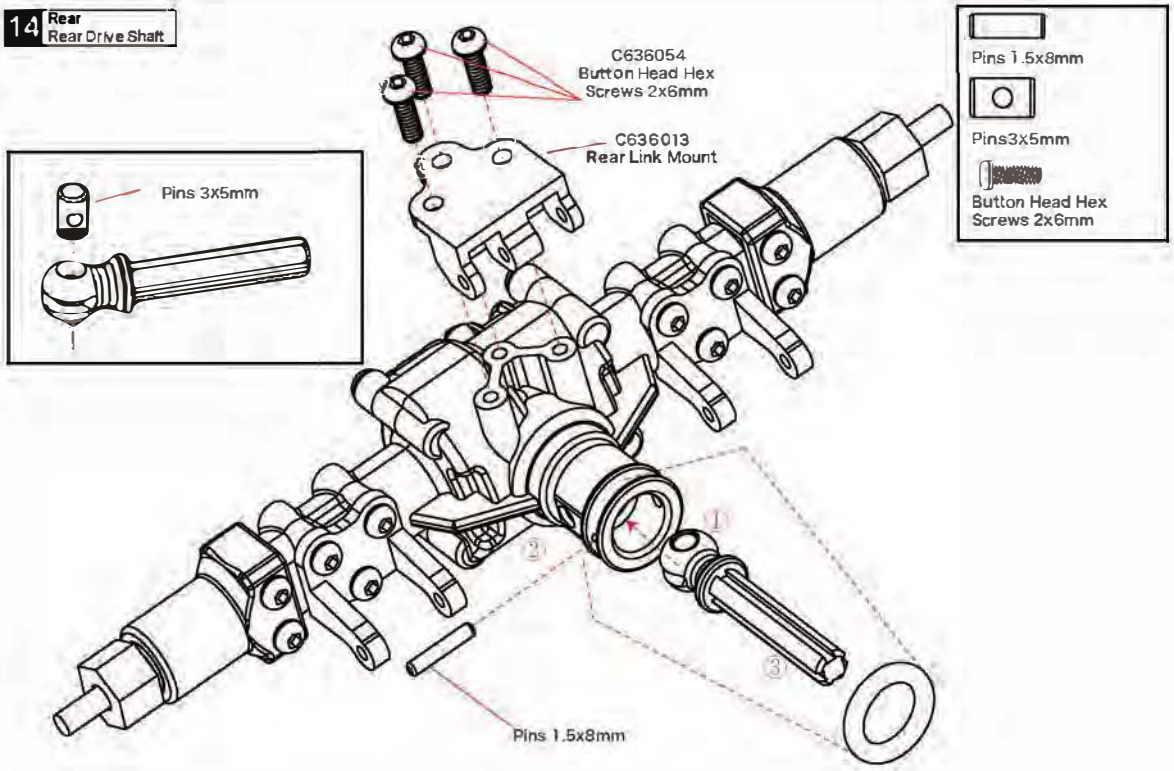

12 Rear
Rear GearBox
C636056
Button Head Hex
Screws 2x9mm
Button Head
Hex Screws
2x8mm
Button Head
Hex Screws
2x9mm
C636055
Button Head Hex
Screws 2x8mm
C636055
Button Head Hex
Screws 2x8mm
C636056
Button Head Hex
Screws 2x9mm

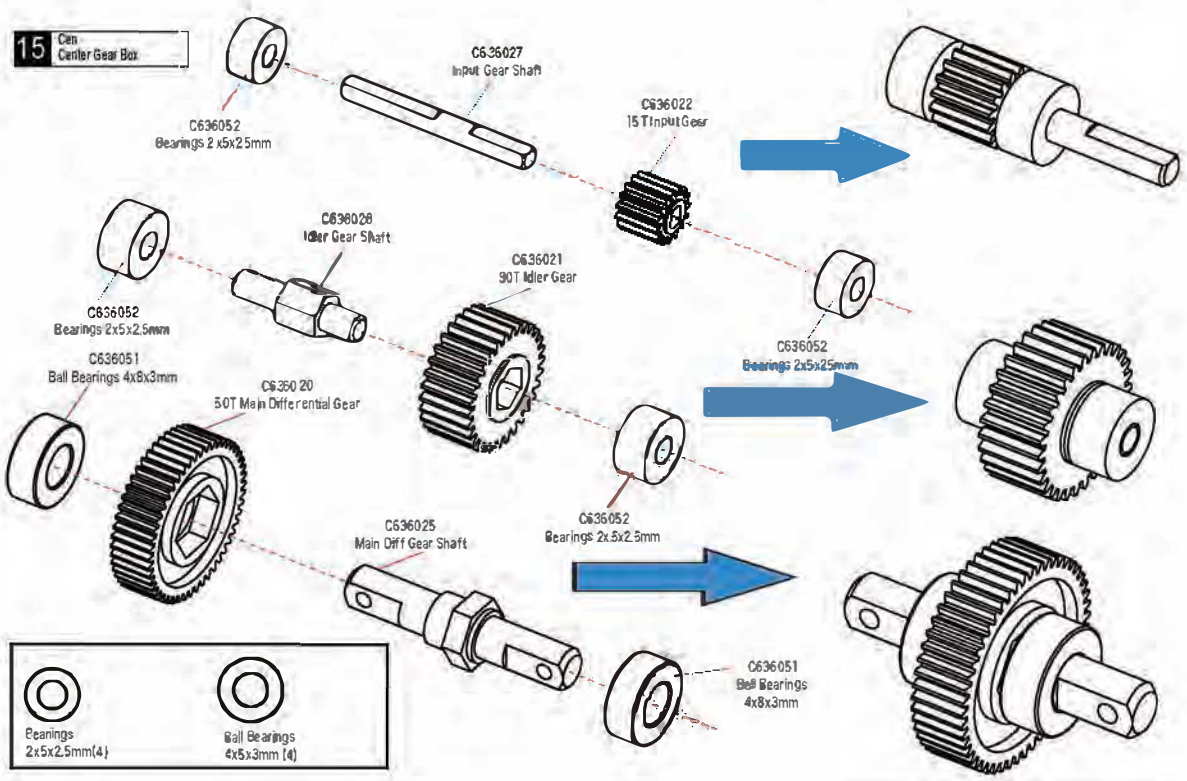
ASSEMBLY STEPS

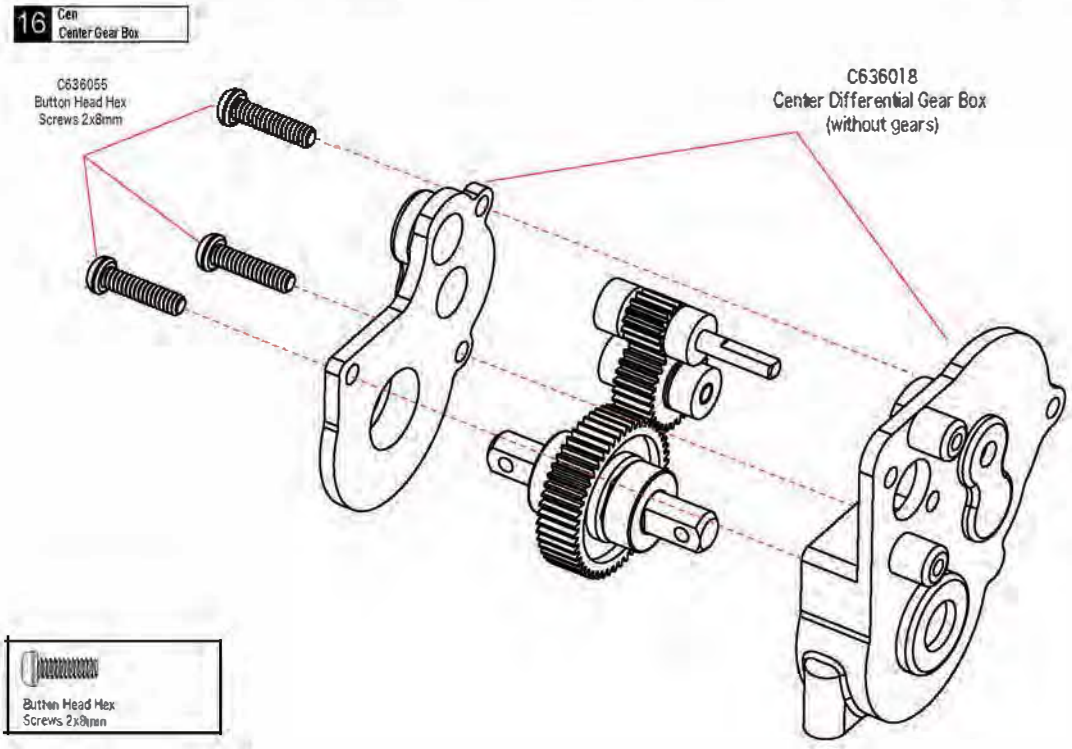
13 Rear
Rear Gear Box



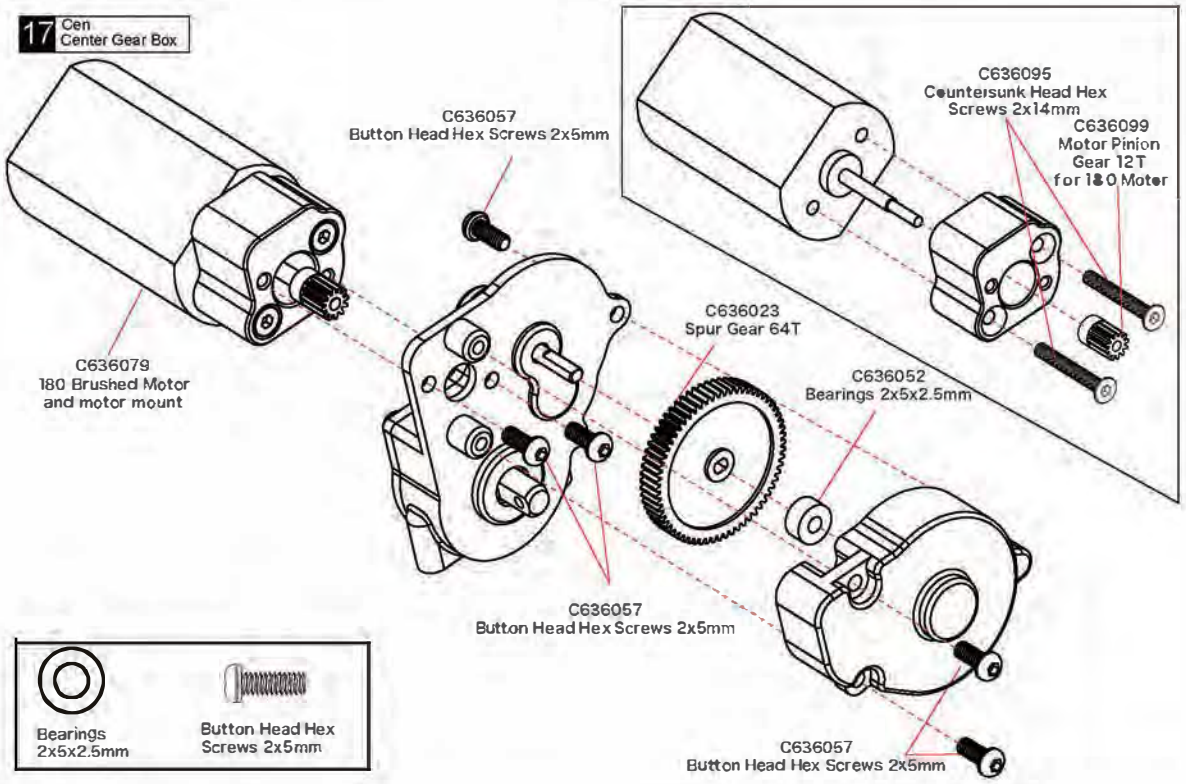
14 Rear
Rear Drive Shaft

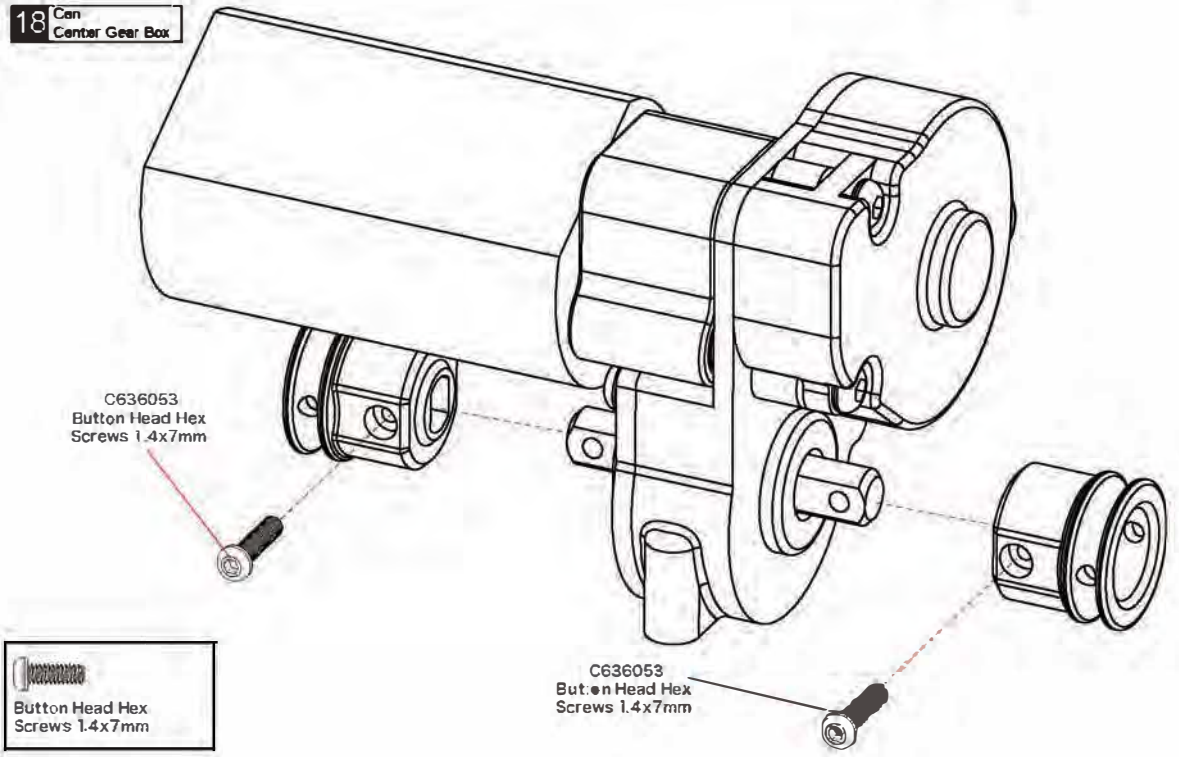



15 Cen
Center Gear Box
C636052
Bearings 2 x5x2.5mm
C636027
Input Gear Shaft
C636022
15 T Input Gear
C636028
Idler Gear Shaft
C636021
90T Idler Gear
C636052
Bearings 2x5x2.5mm
C636051
Ball Bearings 4x8x3mm
C636020
50T Main Differential Gear
C636025
Main Diff Gear Shaft
C636052
Bearings 2x5x2.5mm
C636052
Bearings 2x5x2.5mm
C636051
Ball Bearings
4x8x3mm
Bearings
2x5x2.5mm(4)
Ball Bearings
4x5x3mm (4)

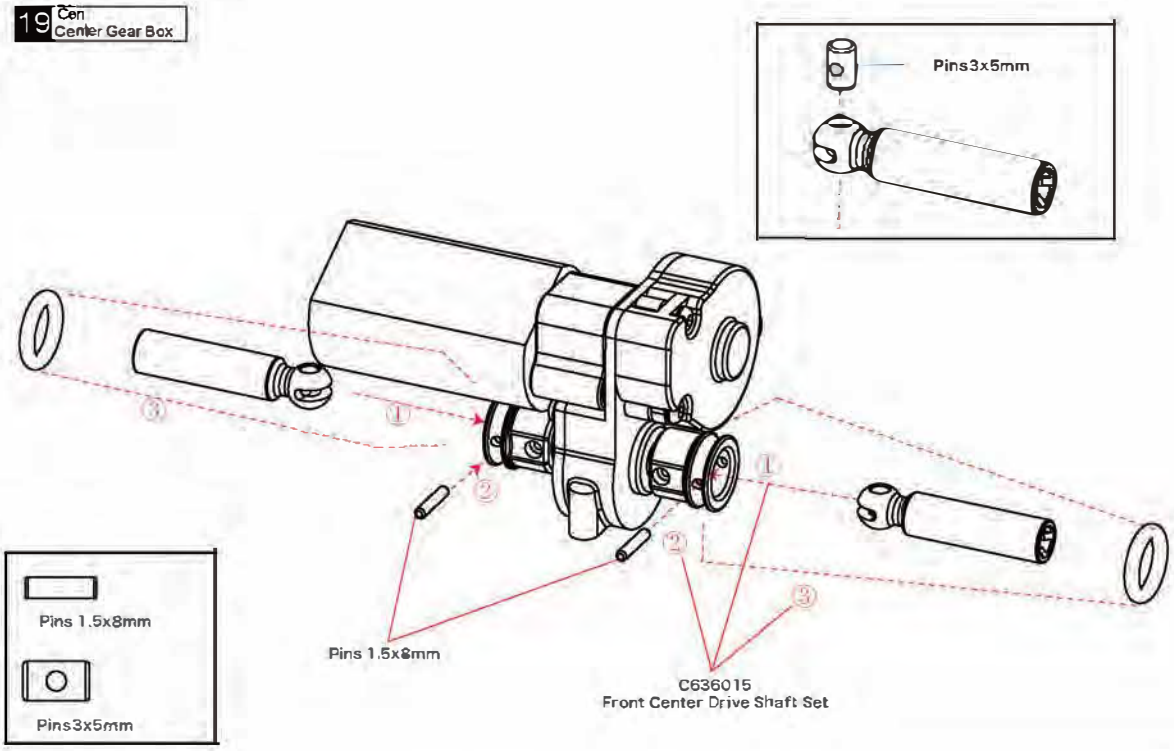

16 Cen
Center Gear Box
C636055
Button Head Hex
Screws 2x8mm
C636018
Center Differential Gear Box
(without gears)
Button Head Hex
Screws 2x8mm

ASSEMBLY STEPS

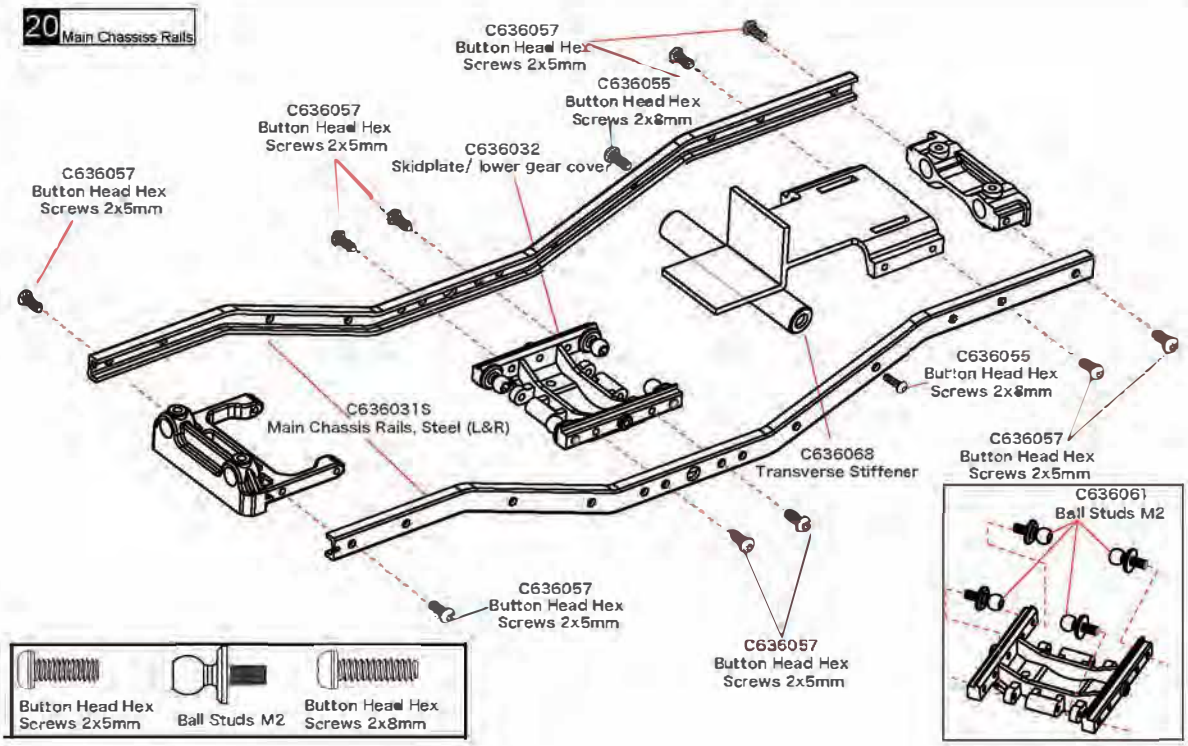




19 Cen Center Gear Box

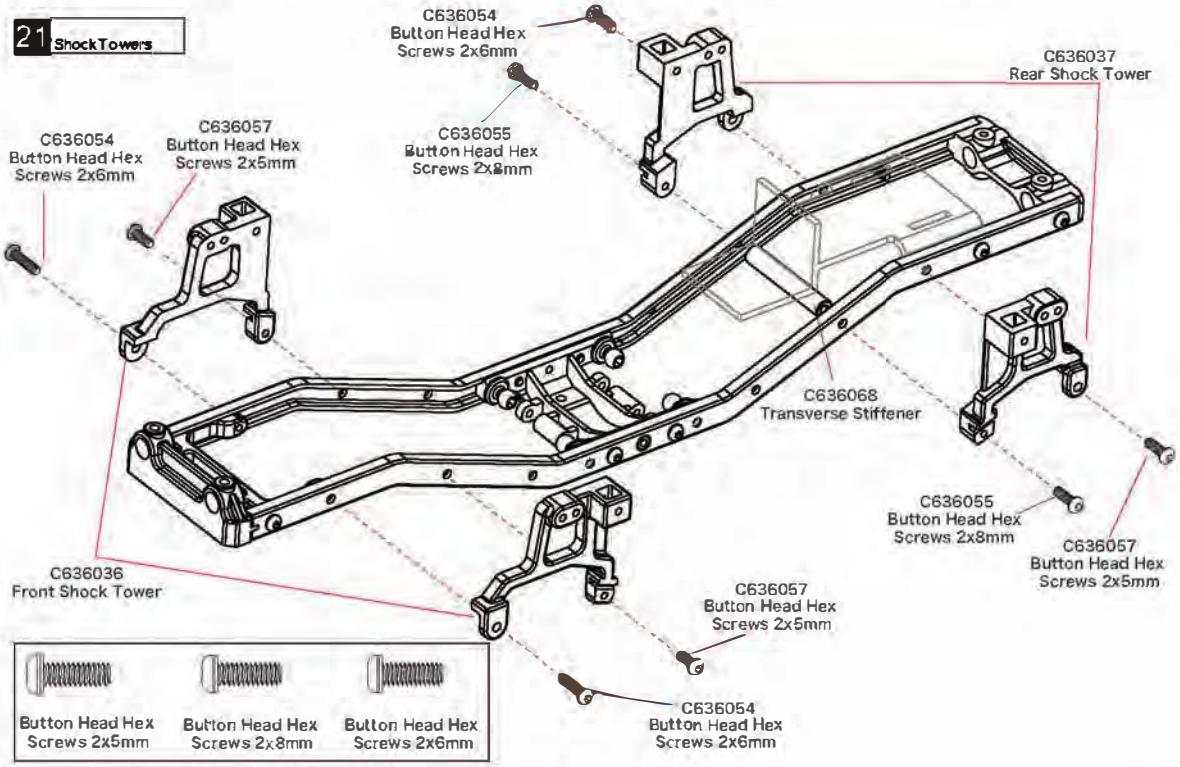


20 Main Chassiss Rails

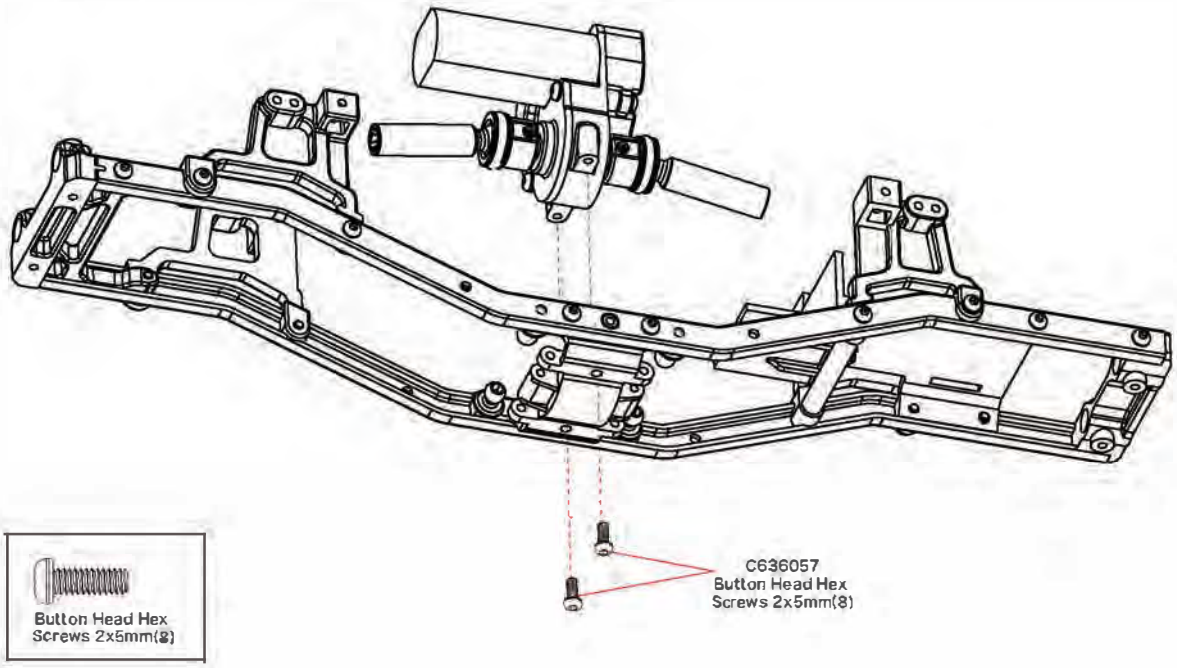


ASSEMBLY STEPS

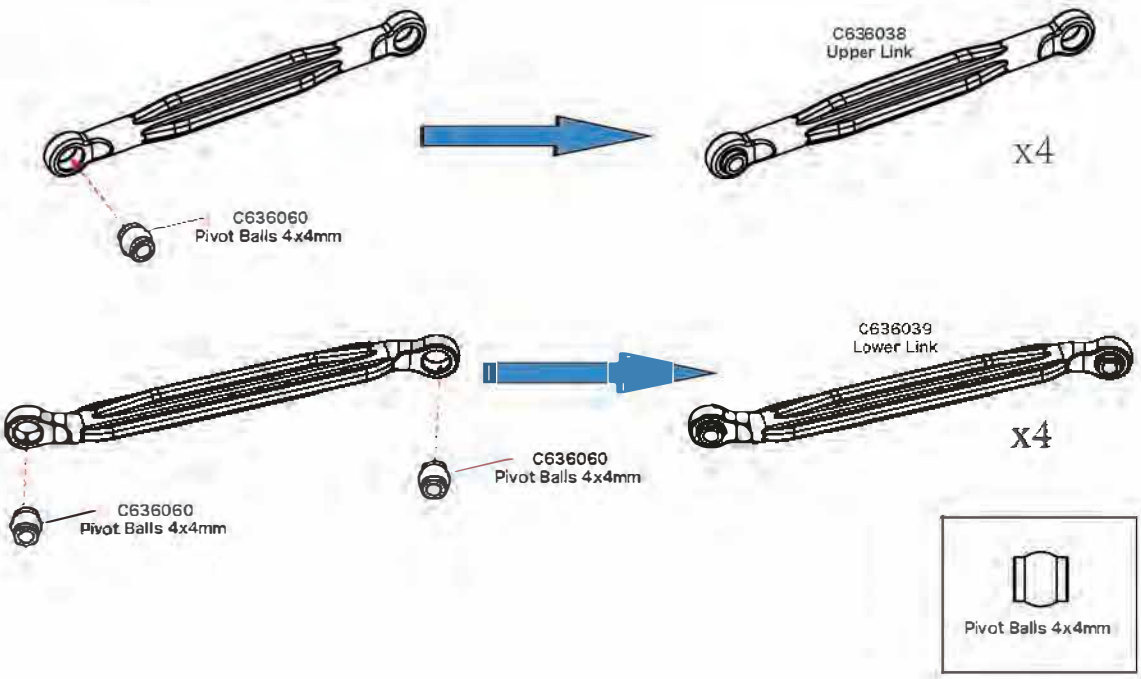
21 Shock Towers



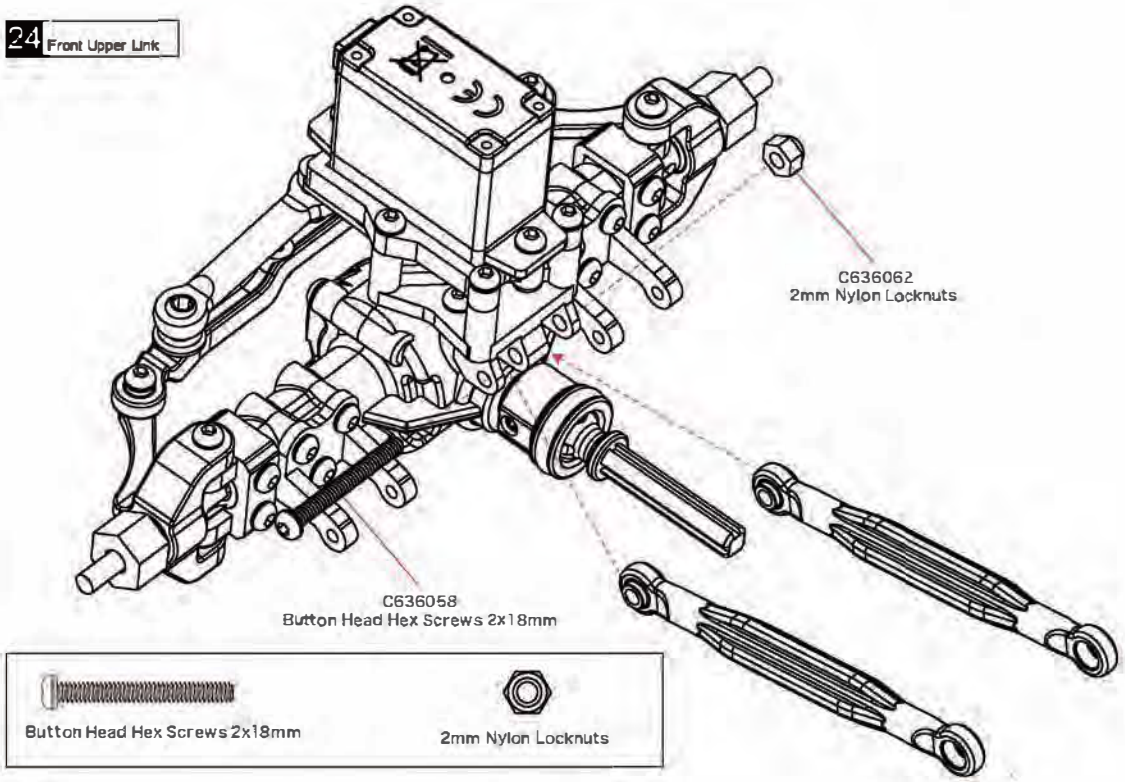
22 Center Gear Box Installation



23 Upper&Lower Link

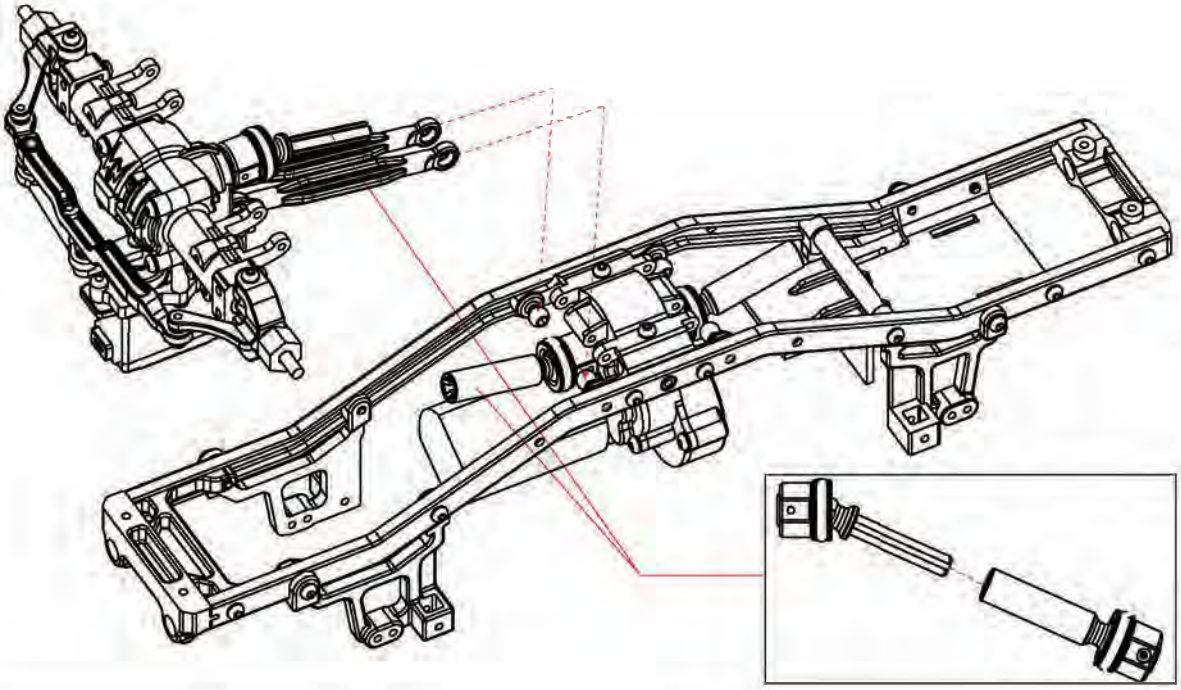


24 Front Upper Link

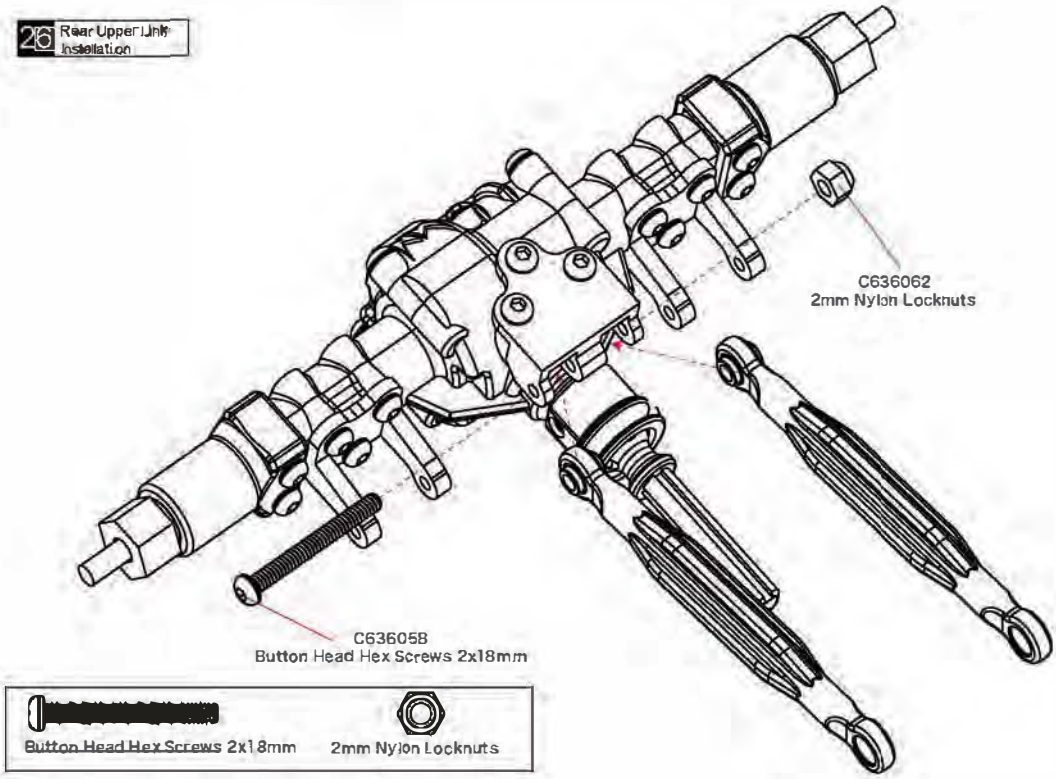


ASSEMBLY STEPS

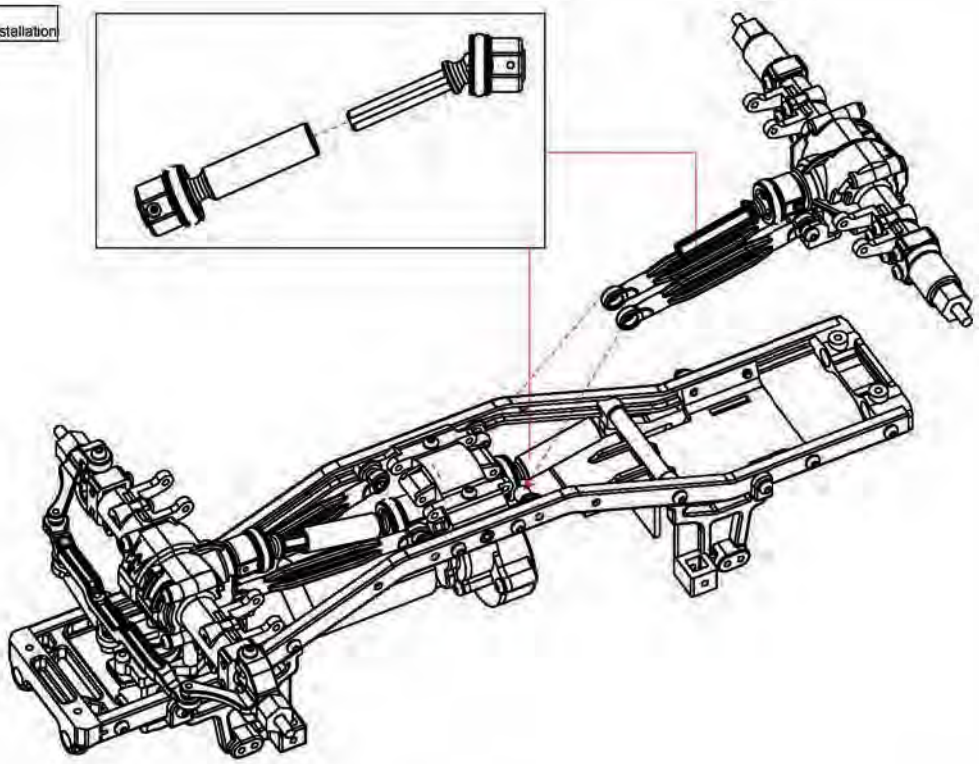
25 Front Set Installation



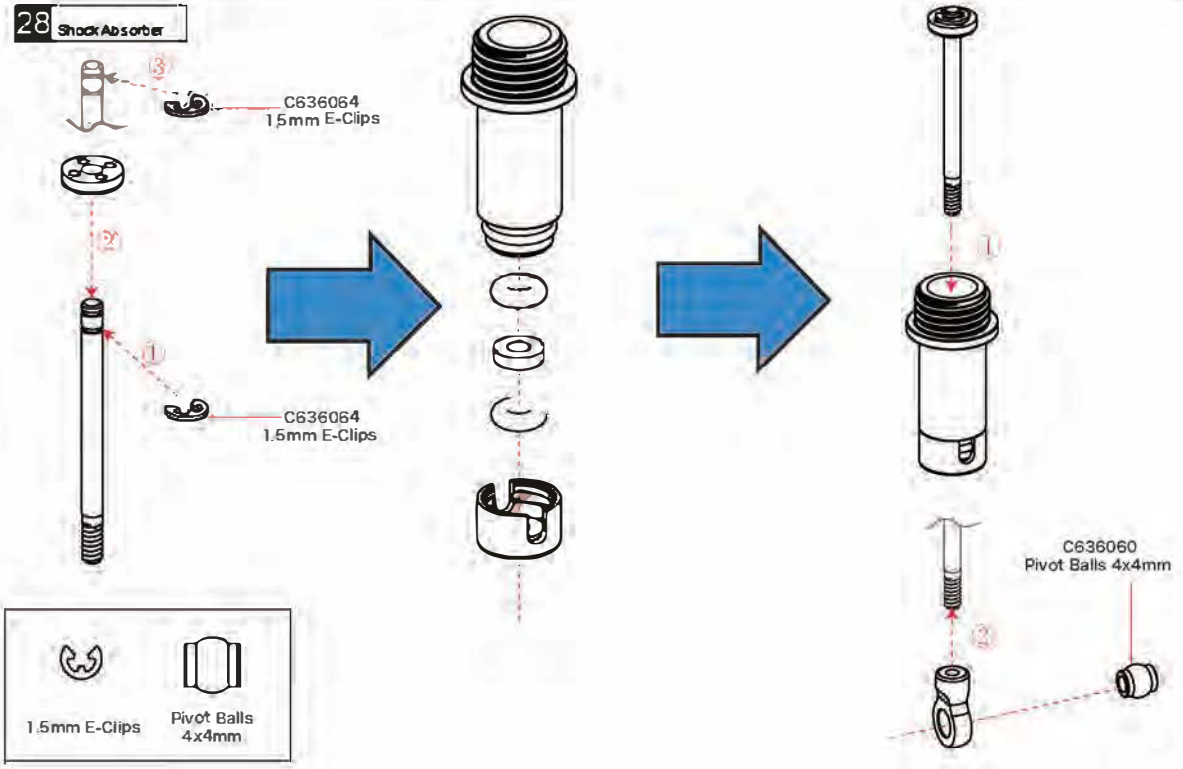
26 Rear Upper Link Installation



27 Rear Set Installation

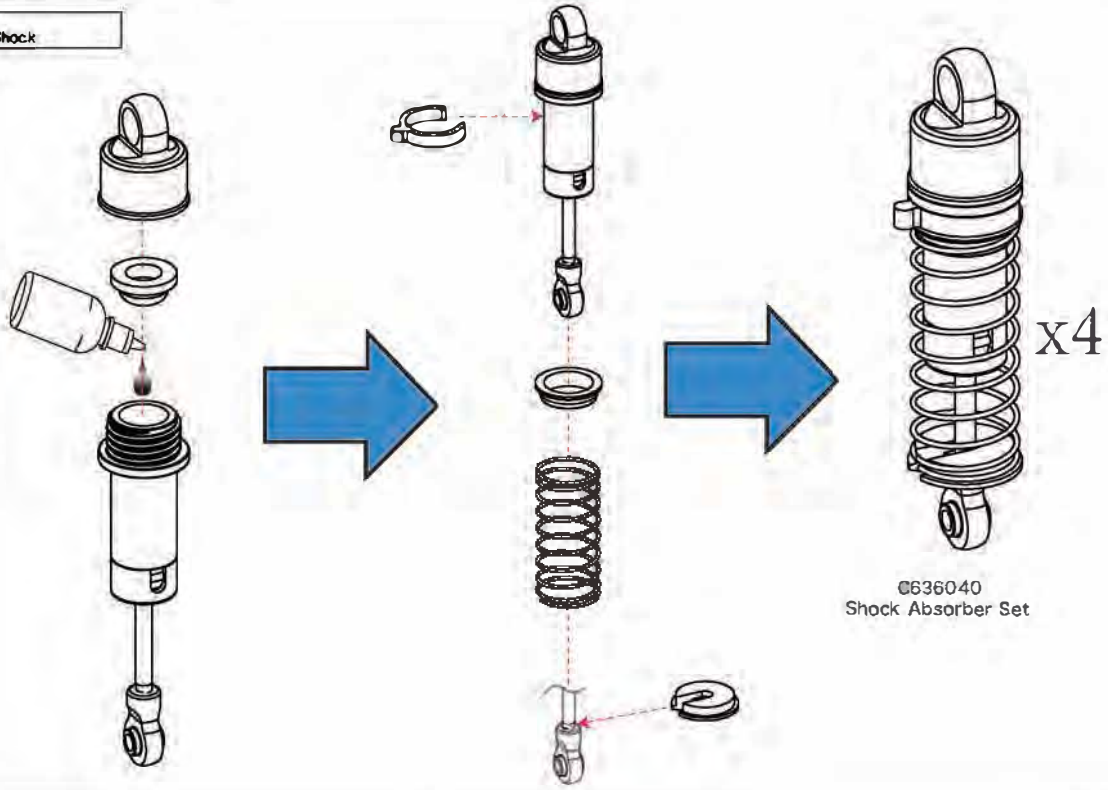


28 Shock Absorber

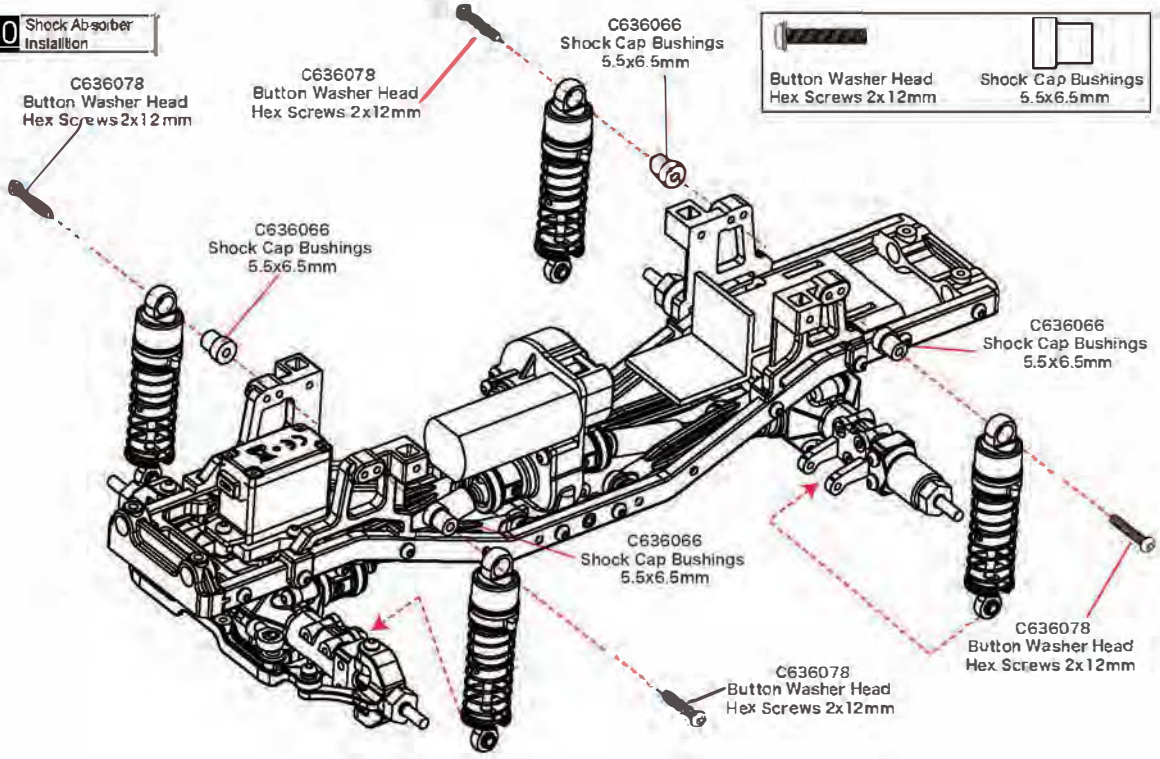


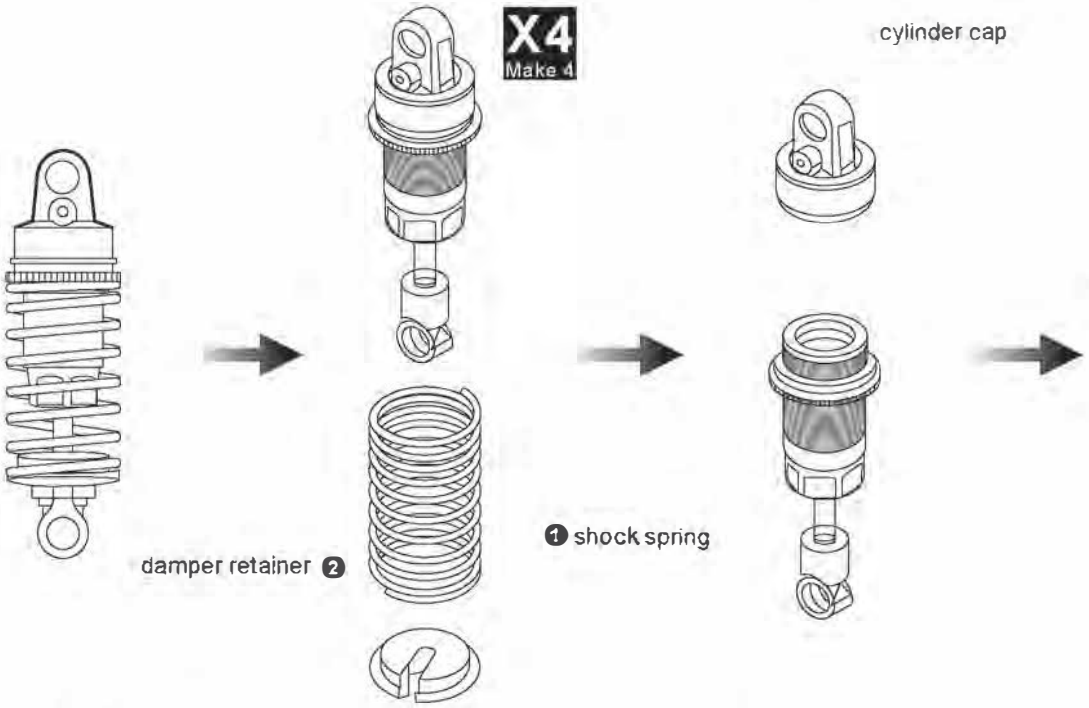
ASSEMBLY STEPS

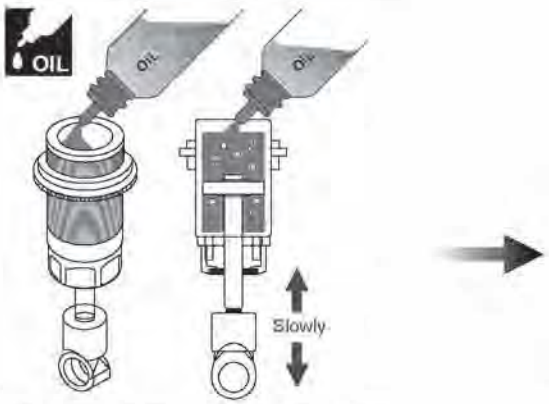
29 Shock



30 Shock Absorber Installtion







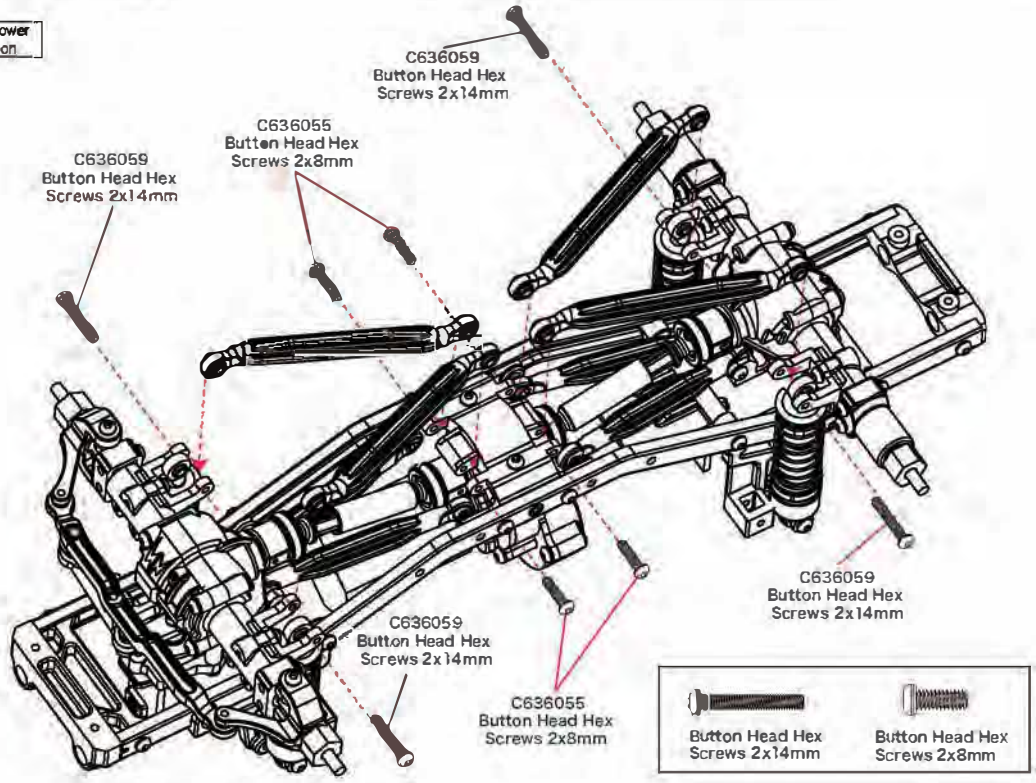
Pull down piston and pour oil into cylinder. Remove air bubbles by slowly moving piston up and down.

Pull down piston rod 4mm, attach oil seal and absorb oil overflow with tissue paper.

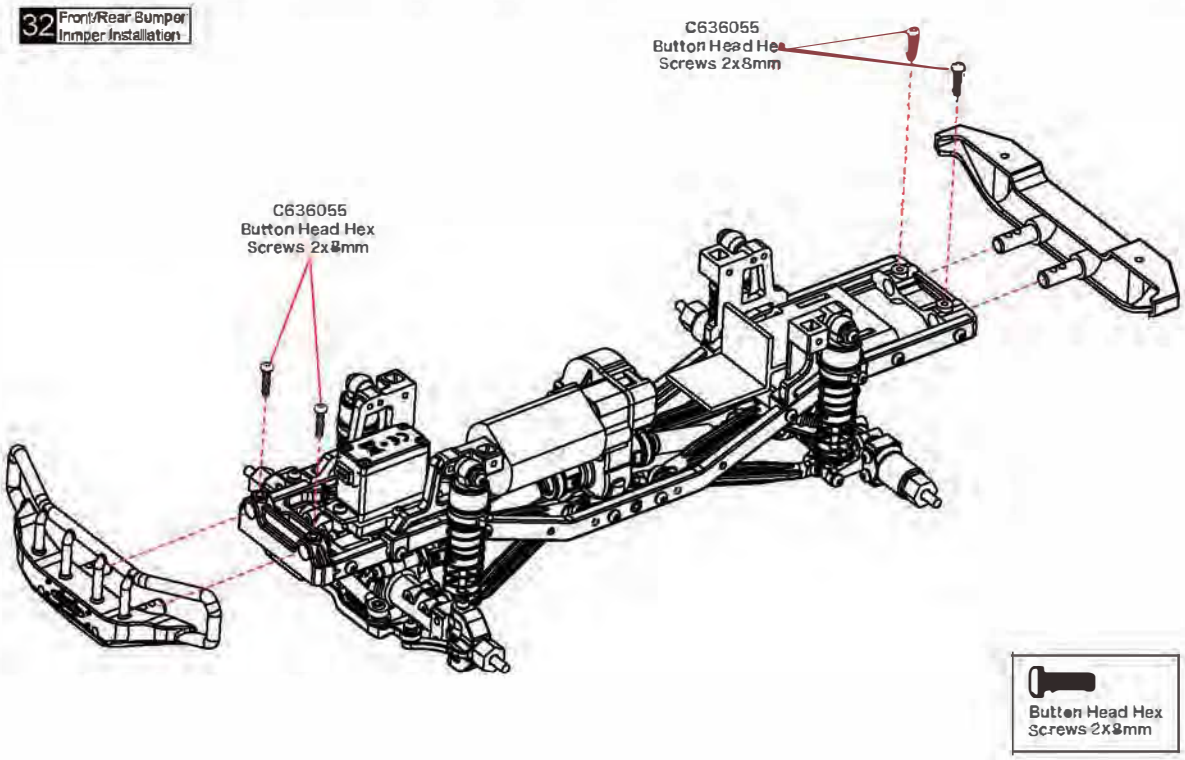
*** The Dampers come supplied filled with oil, so you only need to follow the instructions below for maintenance, or to change the viscosity (weight) of oil.**

ASSEMBLY STEPS

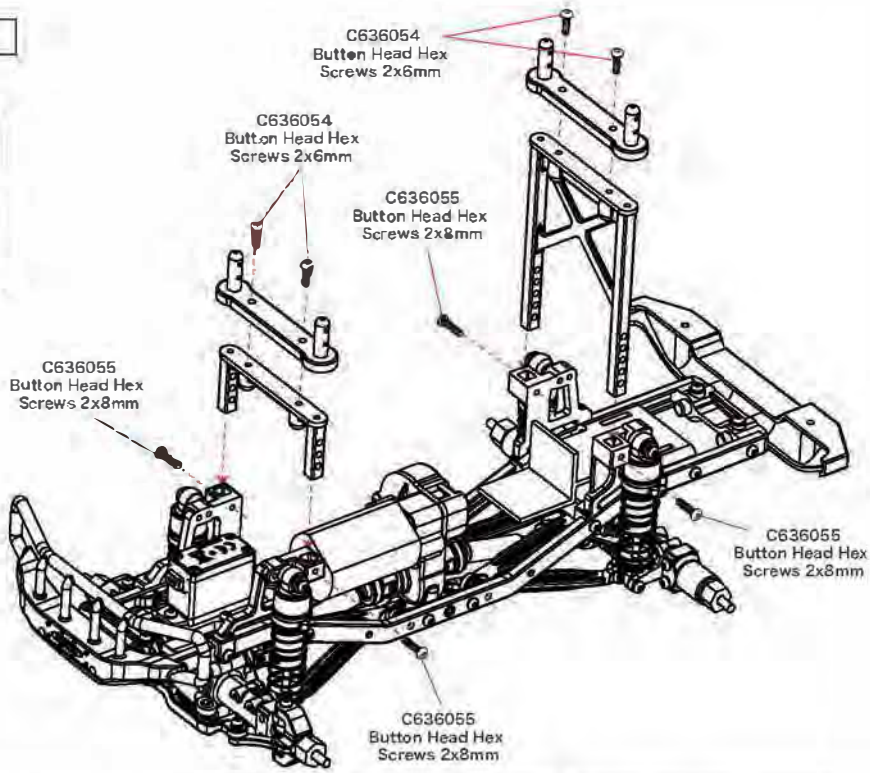
31 Front/Rear Lower Link Installation



32 Front/Rear Bumper Inmper Installation

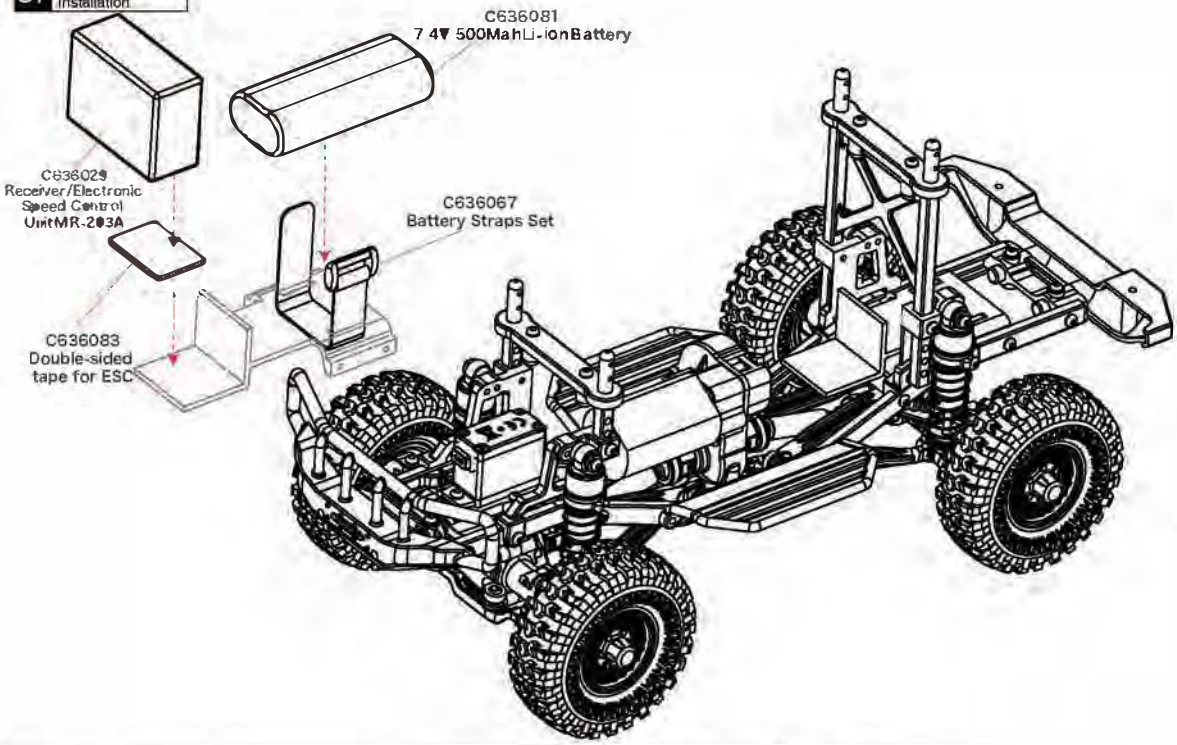


33 Front/Rear Body Posts

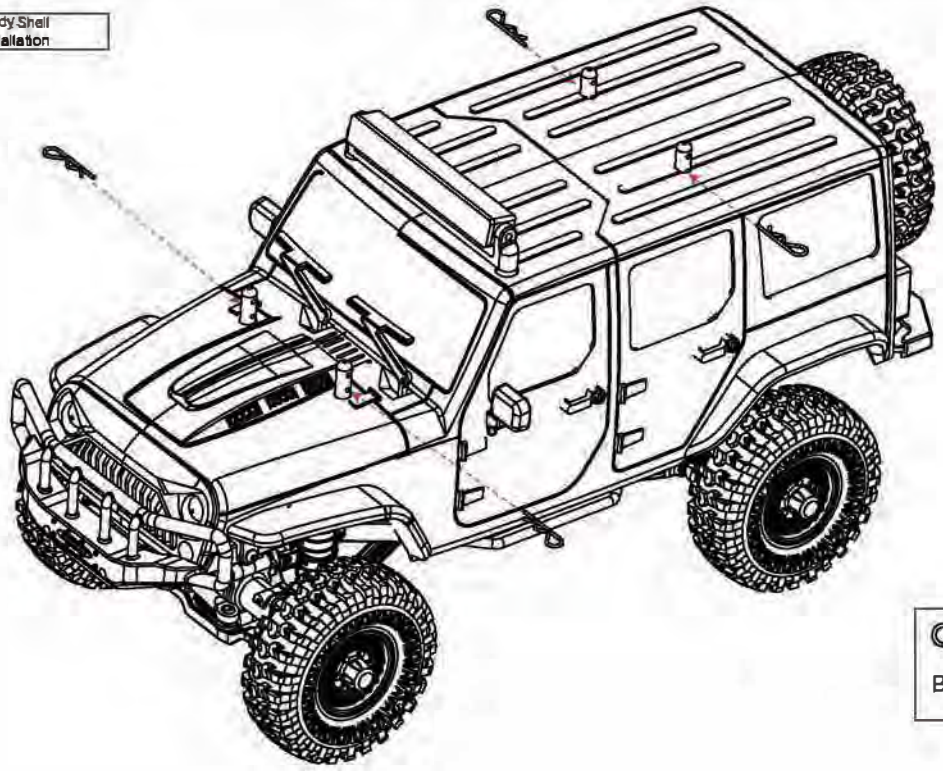


34 Skid Plate Left/Right

37 Receiver/Battery Installation



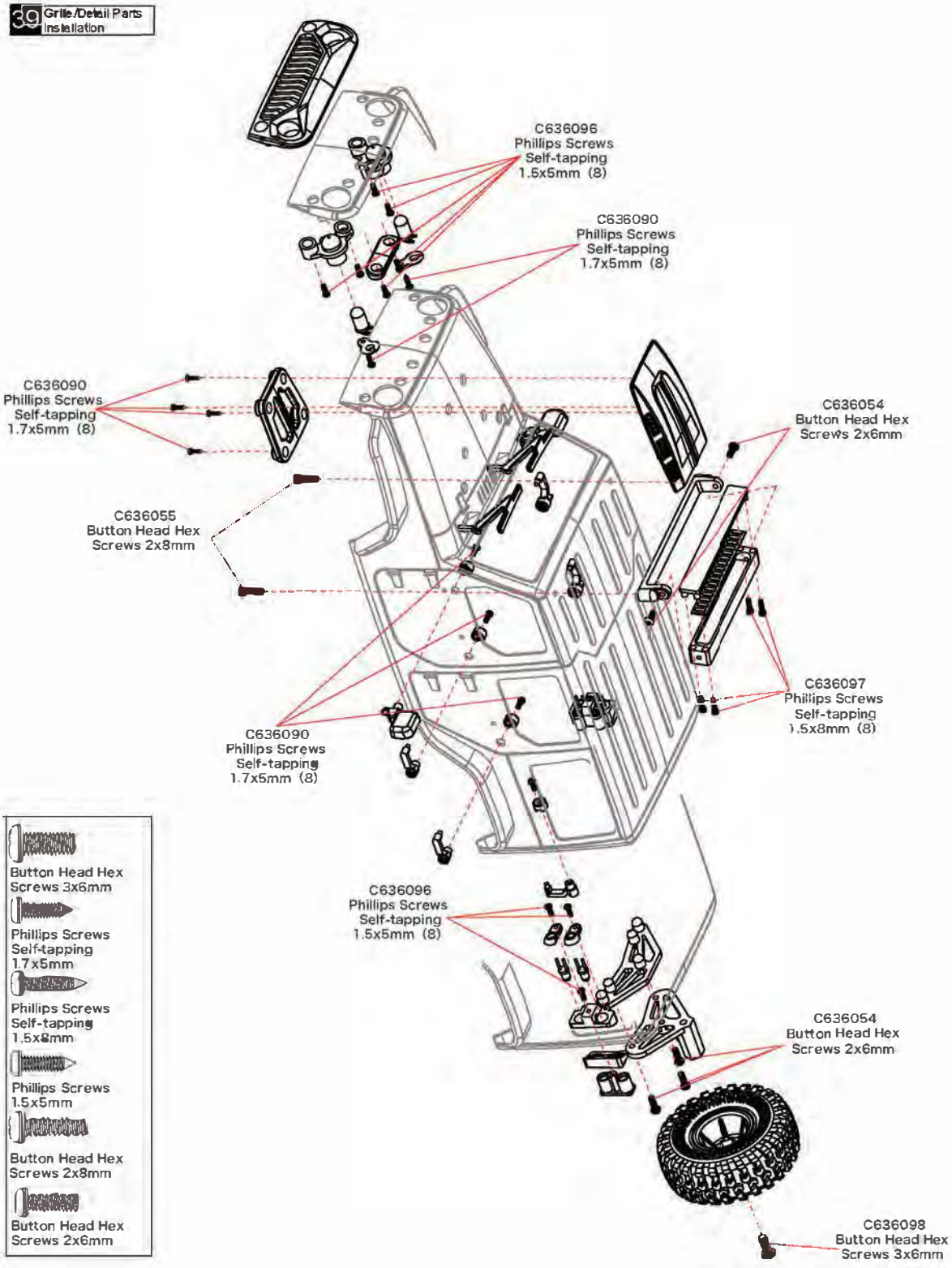
38 Body Shell Installation



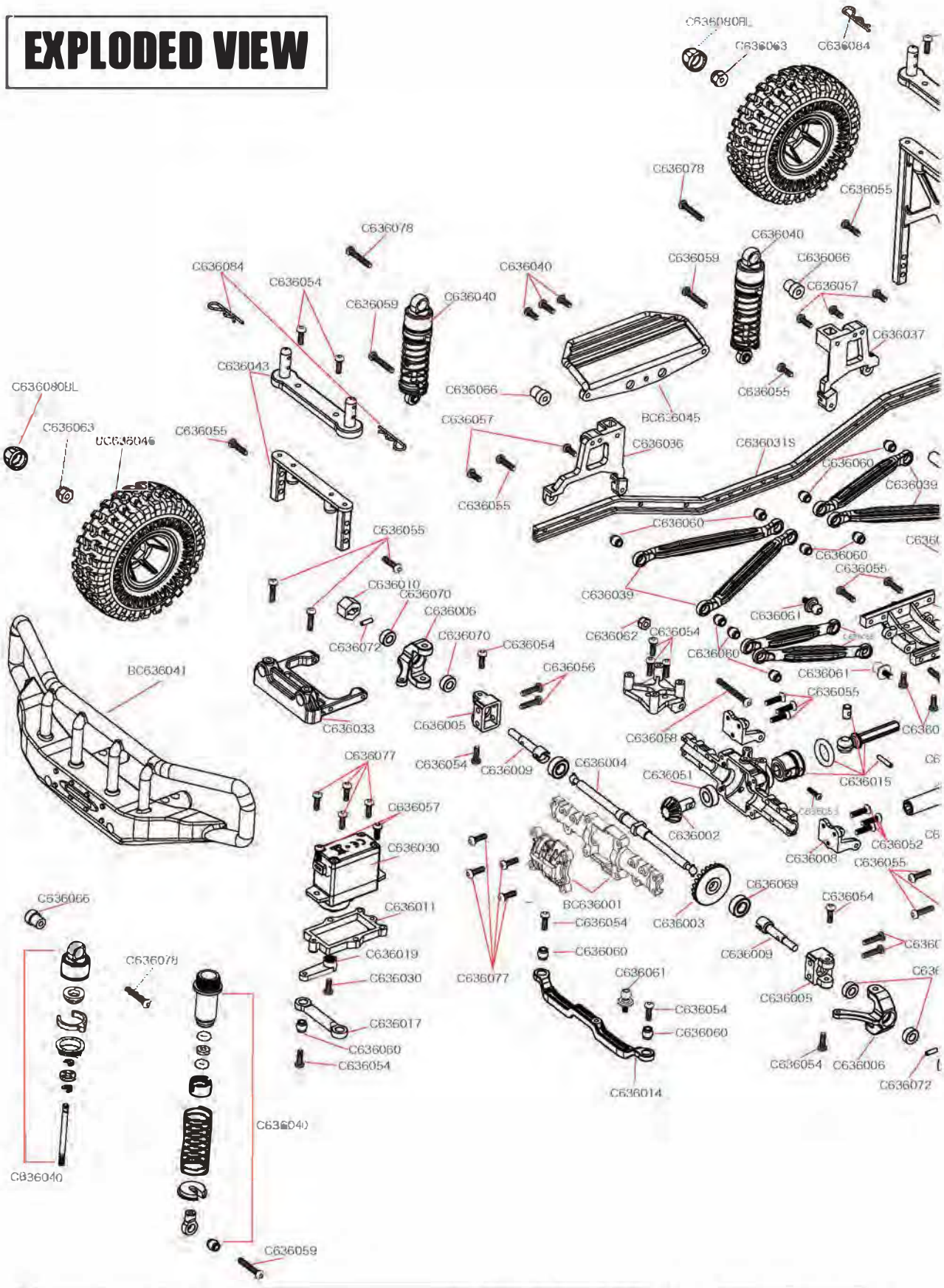
Body Clips

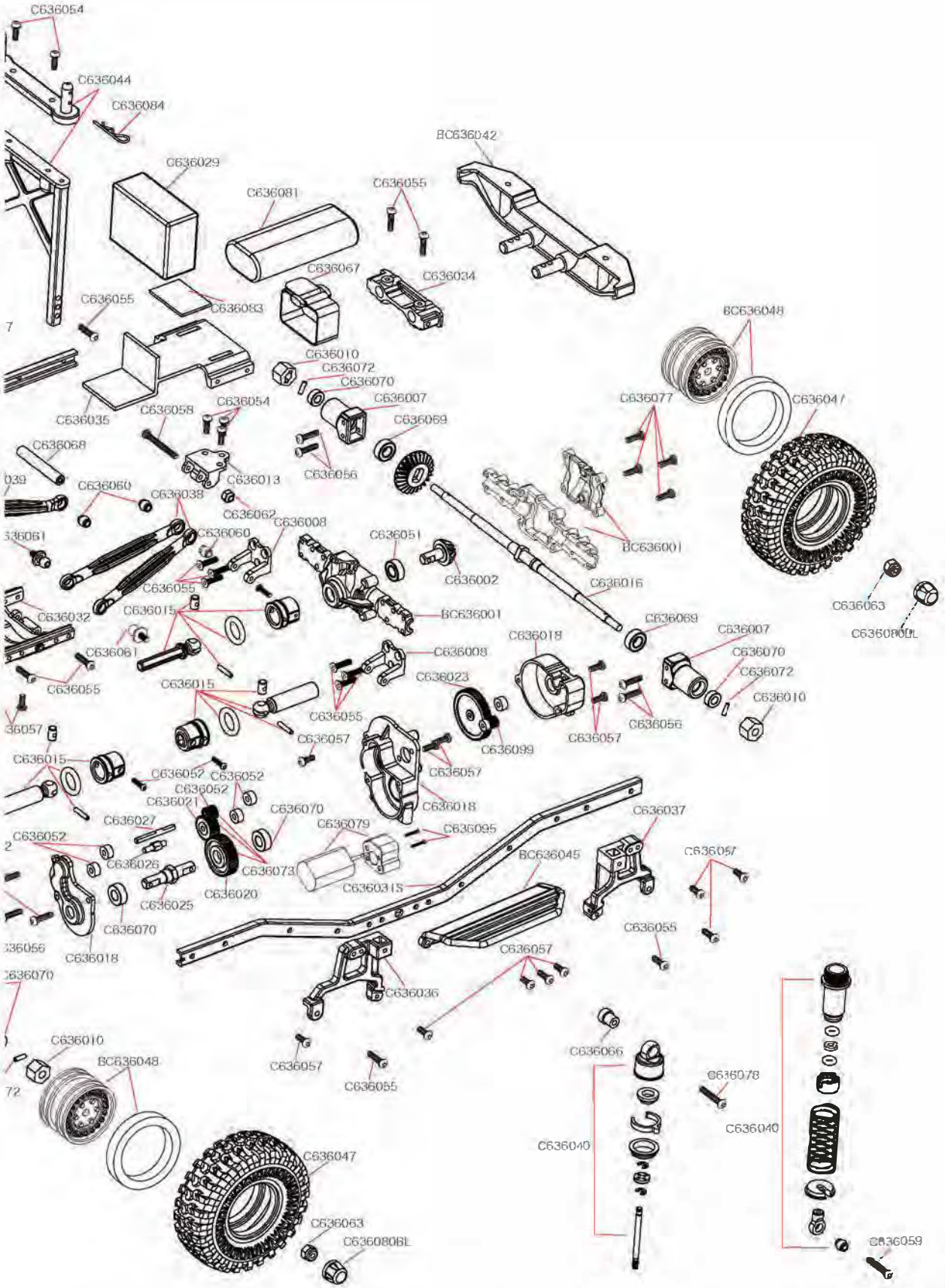
ASSEMBLY STEPS

39 Grille/Detail Parts Installation



EXPLODED VIEW




C636054
C636044
C636084
BC636042
C636029
C636081
C636055
C636067
C636034
C636083
C636055
BC636048
C636010
C636072
C636070
C636007
C636077
C636047
C636035
C636058
C636054
C636069
C636068
C636056
C636013
C636060
C636038
C636062
C636008
C636060
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BC636001
C636016
C636002
C636055
C636063
C636032
C636015
BC636001
C636069
C636007
C636018
C636081
C636008
C636070
C636072
C636055
C636023
C636010
C636015
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C636056
C636099
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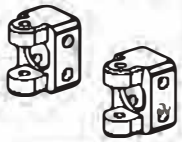
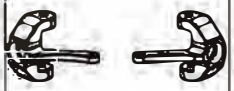
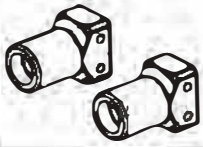
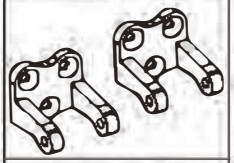
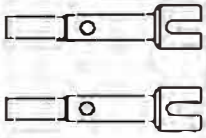
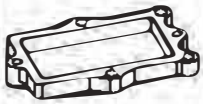
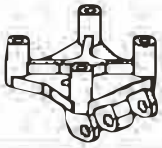
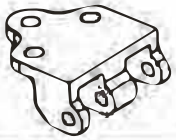
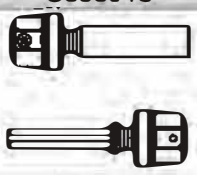
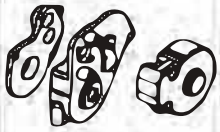
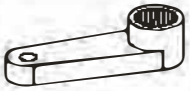
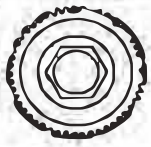
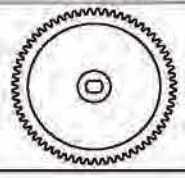
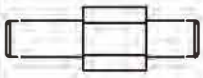
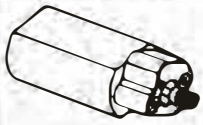
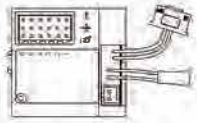
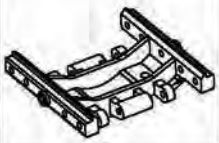
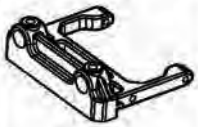
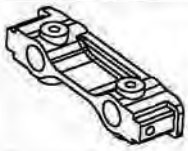
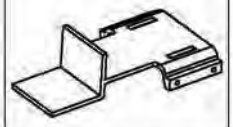
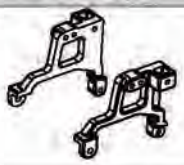
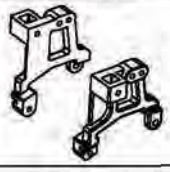
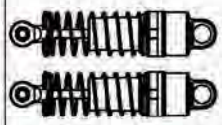
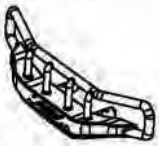
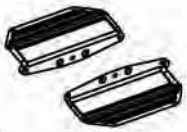
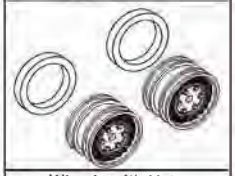
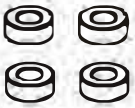
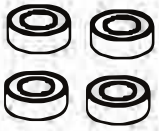
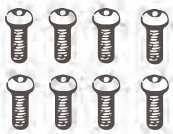
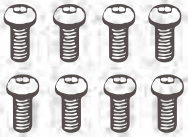
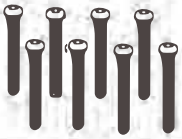
C636018
C636055
C636057
C636036
C636010
C636066
BC636048
C636078
C636057
C636055
C636040
C636040
C636047
C636063
C636059
C636080BL

Parts list 1

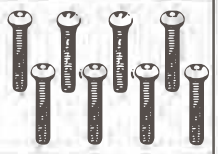
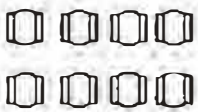
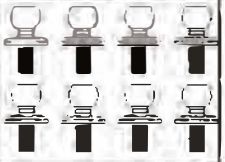
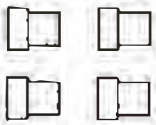
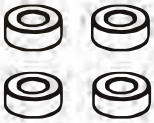
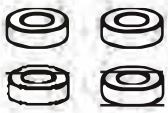
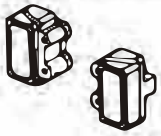
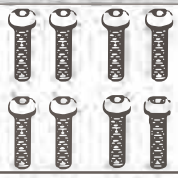
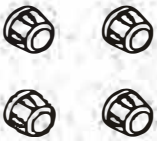
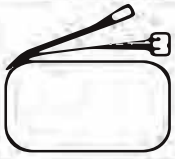
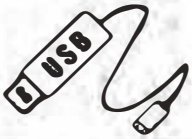
BC636001	C636002	C636003	C636004	C636005
				
Axle Housing	Pinion Gear 12T	Bevel Gear 24T	Front Axle Shaft	C Hub
C636006	**C636007**	**C636008**	**C636009**	**C636010**
				
Steering Knuckle Arm	Rear Axle Carrier	Lower Shock Mount	Front Stub Axle	Drive Hex 7x3x5mm with Pins 1.5x5mm (4)
C636011	**C636012**	**C636013**	**C636014**	**C636015**
				
Servo Mount	Servo Mount Plate	Rear Link Mount	Steering link (assembled with pivot balls)	Front Center Drive Shaft Set
C636016	**C636017**	**C636018**	**C636019**	**C636020**
				
Rear Center Drive Shaft Set	Steering Tie Rod	Center Differential Gear Box Case 3 pcs(without gears)	Servo Arm	50T Main Differential Gear
C636021	**C636022**	**C636023**	**C636099**	**C636025**
				
30T Idler Gear	15T Input Gear	Spur Gear 64T	Motor Pinion Gear 12T for 180 Motor	Main Diff Gear Shaft
C636026	**C636027**	**C636079**	**C636029**	**C636030**
				
Idler Gear Shaft	Input Gear Shaft	180 Brushed Motor and motor mount	Receiver/Electronic Speed Control Unit MR-203A	Steering Servo

PARTS LIST

Parts list 2

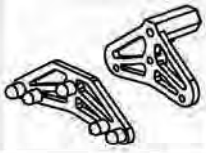
C636031S	C636032	C636033	C636034	C636035
				
Main Chassis Rails, Steel (L&R)	Skidplate/ lower gear cover	Front Bumper Mount	Rear Bumper Mount	Battery/RX Mounting Tray
C636036	**C636037**	**C636038**	**C636039**	**C636040**
				
Front Shock Tower	Rear Shock Tower	Upper Link(2)	Lower Link(2)	Shock Absorber Set (2)
BC636041	**BC636042**	**C636043**	**C636044**	**BC636045**
				
Front Bumper Set	Rear Bumper Set	Front Body Post Set	Rear Body Post Set	Skid Plates (left & right)
BC636046	**C636047**	**BC636048**	**C636091**	**BC636050**
				
Tires and Wheels, Mounted and Glued (pr.)	Tires (pr.)	Wheels with Hub Counterweight Blocks (pr.)	2.4Ghz 3ch Full Function Radio	Body Shell Set(Clear) w/F & R grille w/o lamps
BC636050-OR	**BC636050B**	**C636051**	**C636052**	**C636053**
				
Body Shell Set(Orange) w/F & R grille w/o lamps	Body Shell Set(Blue) w/F & R grille w/o lamps	Ball Bearings 4x8x3mm (4)	Bearings 2x5x2.5mm (4)	Button Head Hex Screws 1.4x7mm (8)
C636054	**C636055**	**C636056**	**C636057**	**C636058**
				
Button Head Hex Screws 2x6mm (8)	Button Head Hex Screws 2x8mm (8)	Button Head Hex Screws 2x9mm(8)	Button Head Hex Screws 2x5mm(8)	Button Head Hex Screws 2x18mm(8)

Parts list 3

C636059	C636060	C636061	C636062	C636063
				
Button Head Hex Screws 2x14mm(8)	Pivot Balls 4x4mm (8)	Ball Studs M2 (8)	2mm Nylon Locknuts (8)	2.5mm Nylon Locknuts (8)
C636064	**BC636065**	**C636066**	**C636067**	**C636068**
				
1.5mm E-Clips (8)	Rearview Mirrors pr(L& R)	Shock Cap Bushings 5.5x6.5mm(8)	Battery Straps Set	Transverse Stiffener
C636069	**C636070**	**C636071**	**C636072**	**C636073**
				
Bearings 5x8x3mm (4)	Bearings 3x6x2.5mm (4)	Roof Light Bar & Mount with lamps	Pins 1.5x5mm (4)	50T Main Differential Gear + 30T Idler Gear + 15T Input Gear
C636074	**BC636075**	**BC636076**	**C636077**	**C636078**
				
Front& Rear Light set	Front Grille	Rear Grille	Button Head Hex Screws 2x10mm (8)	Button Washer Head Hex Screws 2x12mm (8)
C636095	**C636080BL**	**C636081**	**C636082**	**C636083**
				
Countersunk Head Hex Screws 2x14mm	Dustproof Wheel nut Cap (4)	7.4V 500Mah Li-Ion Battery	USB Charger	Double-sided tape for ESC
C636084	**C636085**	**C636086**	**C636087**	**C636088**
				
Body Clips(8)	Y-Harness	Phillips Screws Self-tapping 1.5x4mm(8)	Phillips Screws 1.5x6mm(8)	Button Head Hex Screws 2x4mm(8)

PARTS LIST

Parts list 4

C636089	C636090	C636092	C636093	C636094
				
Phillips Screws Self-tapping 1.7x4mm (8)	Phillips Screws Self-tapping 1.7x5mm (8)	Engine Cover Grille	Spare Tire Rack	Door Handles(4)

C636096	C636097	C636098	BC636060Y	BC636050R
				
Phillips Screws Self-tapping 1.5x5mm (8)	Phillips Screws Self-tapping 1.5x8mm (8)	Button Head Hex Screws 3x6mm(8)	Body Shell Set(Yellow) w/F & R grille w/o lamps	Body Shell Set(Red) w/F & R grille w/o lamps

BC636050BL	BC636050W	BC636050G	BC636050GR
			
Body Shell Set(Black) w/F & R grille w/o lamps	Body Shell Set(White) w/F & R grille w/o lamps	Body Shell Set(Green) w/F & R grille w/o lamps	Body Shell Set(Grey) w/F & R grille w/o lamps

Part#	Description
BC636001	Axle Housing
C636002	Pinion Gear 12T
C636003	Bevel Gear 24T
C636004	Front Axle Shaft
C636005	C Hub
C636006	Steering Knuckle Arm
C636007	Rear Axle Carrier
C636008	Lower Shock Mount
C636009	Front Stub Axle
C636010	Drive Hex 7x3x5mm with Pins 1.5x5mm (4)
C636011	Servo Mount
C636012	Servo Mount Plate
C636013	Rear Link Mount
C636014	Steering link(assembled with pivot balls)
C636015	Front Center Drive Shaft Set
C636016	Rear Center Drive Shaft Set
C636017	Steering Tie Rod
C636018	Center Differential Gear Box Case 3 pcs(without gears)
C636019	Servo Arm
C636020	50T Main Differential Gear
C636021	30T Idler Gear
C636022	15T Input Gear
C636023	Spur Gear 64T
C636025	Main Diff Gear Shaft
C636026	Idler Gear Shaft
C636027	Input Gear Shaft
C636029	Receiver/Electronic Speed Control Unit MR-203A
C636030	Steering Servo
C636031S	Main Chassis Rails, Steel (L&R)
C636032	Skidplate/ lower gear cover
C636033	Front Bumper Mount
C636034	Rear Bumper Mount
C636035	Battery/RX Mounting Tray
C636036	Front Shock Tower
C636037	Rear Shock Tower
C636038	Upper Link(2)
C636039	Lower Link(2)
C636040	Shock Absorber Set (2)
BC636041	Front Bumper Set
BC636042	Rear Bumper Set
C636043	Front Body Post Set
C636044	Rear Body Post Set
BC636045	Skid Plates (left & right)
BC636046	Tires and Wheels, Mounted and Glued (pr.)
C636047	Tires (pr.)
BC636048	Wheels with Hub Counterweight Blocks (pr.)

Part#	Description
C636051	Ball Bearings 4x8x3mm (4)
C636052	Bearings 2x5x2.5mm (4)
C636053	Button Head Hex Screws 1.4x7mm (8)
C636054	Button Head Hex Screws 2x6mm(8)
C636055	Button Head Hex Screws 2x8mm(8)
C636055	Button Head Hex Screws 2x9mm(8)
C636057	Button Head Hex Screws 2x5mm(8)
C636058	Button Head Hex Screws 2x18mm(8)
C636059	Button Head Hex Screws 2x14mm(8)
C636060	Pivot Balls 4x4mm (8)
C636061	Ball Studs M2 (8)
C636062	2mm Nylon Locknuts (8)
C636063	2.5mm Nylon Locknuts (8)
C636064	1.5mm E-Clips (8)
BC636065	Rearview Mirrors pr (L & R)
C636066	Shock Cap Bushings 5.5x6.5mm(4)
C636067	Battery Straps Set
C636068	Transverse Stiffener
C636069	Bearings 5x8x3mm (4)
C636070	Bearings 3x6x2.5mm (4)
C636071	Roof Light Bar & Mount with lamps
C636072	Pins 1.5x5mm (8)
C636073	50T Main Differential Gear + 30T Idler Gear + 15T Input Gear
C636074	Front& Rear Light set
BC636075	Front Grille
BC636076	Rear Grille
C636077	Button Head Hex Screws 2x10mm (8)
C636078	Button Washer Head Hex Screws 2x12mm (8)
C636079	180 Brushed Motor and motor mount
C636080BL	Dustproof Wheel nut Cap(4)
C636081	7.4V 500Mah Li-ion Battery
C636082	USB Charger
C636083	Double-sided tape for ESC
C636084	Body Clips(8)
C636085	Y-Harness
C636086	Phillips Screws Self-tapping 1.5x4mm(8)
C636087	Phillips Screws 1.5x6mm(8)
C636088	Button Head Hex Screws 2x4mm(8)
C636089	Phillips Screws Self-tapping 1.7x4mm (8)
C636090	Phillips Screws Self-tapping 1.7x5mm (8)
C636091	2.4Ghz 3ch Full Function Radio
C636092	Engine Cover Grille
C636093	Spare Tire Rack
C636094	Door Handles(4)
C636095	Countersunk Head Hex Screws 2x14mm

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