





#### Cautions



In order to avoid personal injury or property damage, you have to act in a responsible manner and follow these directions. RC models can operate at over 40Km/h but can not stop immediately.

#### Safety Precautions

- Check the surrounding area before you operate RC model.
- Choose a good place to operate your RC model.
- Do not operate your RC model on the street or highway. It can cause a serious damage or a serious accident.
- Do not operate your RC model in confined or crowded areas, in order to avoid accident.
- Never operate your RC model near people or animals, and never use people or animals as an obstacle.
- A collision between your RC model and stationary objects can cause damage to either.
- Do not operate RC model in public places like hospital and residential areas. It can cause great noise.
- Never operate RC model indoors. There is a higher possibility of fire or damage.

#### Safety Precautions (Before assembling)

- Before you start assembling this model, read the instructions carefully and make sure you understand them

If a child assembles this model, an adult must also read the instructions carefully and understand them thoroughly.

- Always be careful when using tools like knives. Extra care should be taken to prevent injuries.
- If you use paint or cement (not included in the RC model), read the instructions supplied with them.
- Keep the parts out of reach of children, small parts can cause choking and vinyl bags can suffocate.

#### Safety Precautions (Before you operate RC model, check the following.)

- Check to ensure nuts and bolts are tightened appropriately.
- Check that no one else is using your radio frequency.
- Use new batteries to avoid losing control of the transmitter and receiver.
- You will need a 2 channel radio system which includes a servo, a receiver, an ON/OFF switch, and an electronic speed
- Be sure to use a radio frequency for ground models Do not use airplane frequencies.
- Always check the brakes and throttle before you operate your RC model, in order to avoid losing control of the model.
- To prevent unexpected movements of your RC model, do not connect the batteries to receiver before turning on the transmitter.

Always turn on the transmitter first, and then connect the batteries to the receiver.

- 1. Switch on the transmitter.
- 2. Check that the speed control, the transmitter control, and trims are set to the neutral position.
- 3. Connect the RC model to the receiver's batteries.
- 4. Switch on the model and the receiver.

When you using rechargeable batteries, make sure you read and follow the instructions carefully. Inappropriate handling or usage of rechargeable batteries can cause serious injuries or accidents.

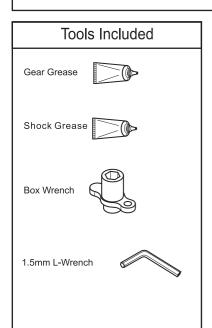
#### Cautions While Operating

- When the RC model is operating, do not touch the moving parts like the drive shaft and wheels. The moving parts can cause serious injuries.
- Always turn the model or receiver off and disconnect the batteries before turning off the transmitter, in order to avoid unexpected movements of your RC model.
- 1. Turn off the model or receiver.
- 2. Disconnect the batteries.
- 3. Turn off the transmitter.
- Do not touch the vehicle's speed control resistor while operating of the RC model. The resistor may be very hot, especially after running at lower speeds.
- To prevent damage to the RC model, remove the batteries from the model and transmitter when you don't intend to run the RC model for some time.
- After operating your RC model, batteries become hot, so please be careful when handling.
- -In order to prolong the life of your RC model, please keep it free from dirt and grease.
- Before you start assembling this model, read the instruction carefully and make sure you understand them fully.

If a child assembles this model, an adult must also read the instructions carefully and understand them thoroughly.

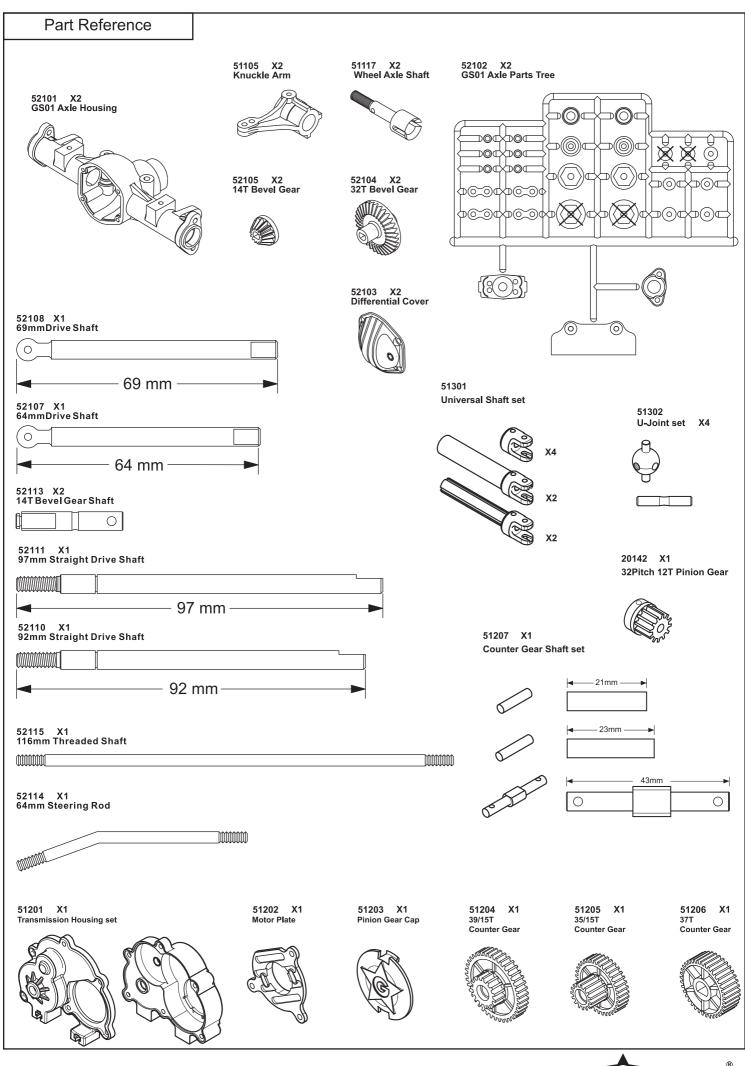
# Batteries Radio Control System (Wheel & Trigger Type) Speed Contro ON/OFF Switch 7.2V Battery a

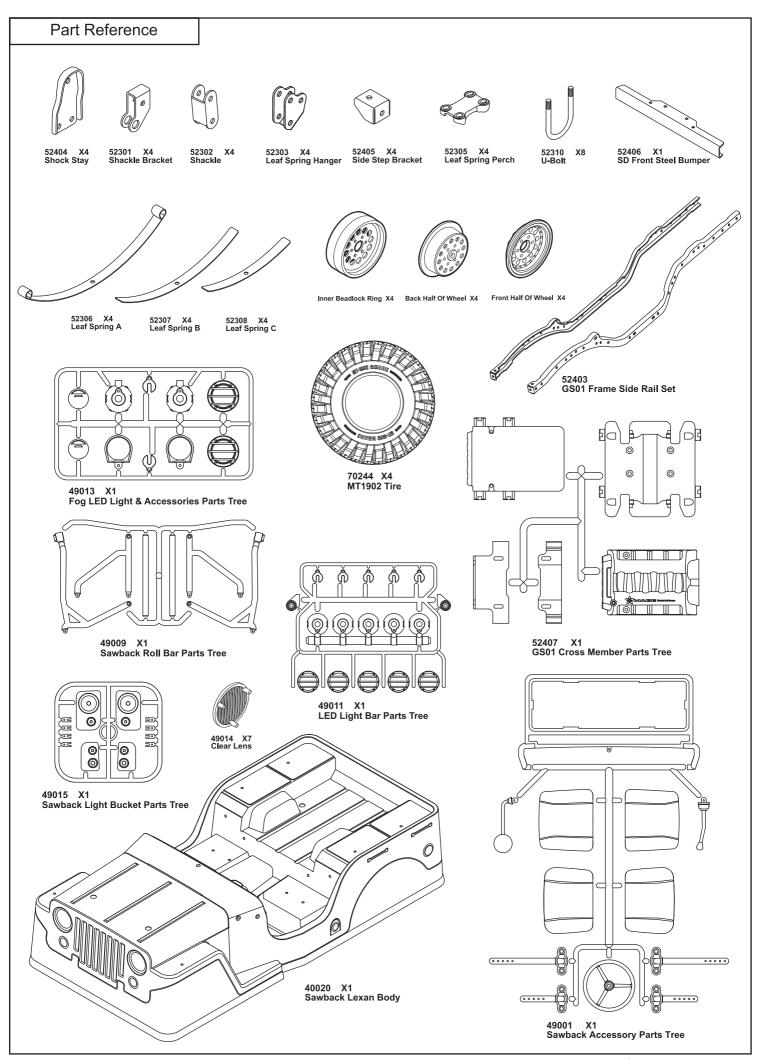
**Equipment Needed** 











#### Part Reference **Round Head Screw** Snap Pin 2.6X5mm X2 R5 Snap Pin X11 2.6X6mm X8 R6 Snap Pin X8 2.6X10mm X24 2,6X16mm X2 E-Ring 3X6mm X12 2.5mm E-ring X2 3X8mm X23 3X10mm X12 4mm E-ring X2 3X12mm X13 0020040 X4 3X16mm 0020043 X4 Shock Body **Shock Spring** 3X18mm 3X20mm X12 0020041 X4 0020045 X4 **Shock Shaft** C-Ring 3X25mm 3X35mm WWW 3X10mm Step Screw 0020042 X8 Shock End Ball 20216 X4 20173 X4 51603 X4 M3 6.8mm Rod End 6.8mm Rod End Ball Axle Pin **Round Head Tapping Screw** 2X6mm 3X6mm X8 3X8mm X6 Ball Bearing 850 X10 Ball Bearing 1150 X14 3X25mm X4 Flat Head Screw 3X10mm X4 P5 O-Ring X15 S5 O-Ring X8 **Socket Set Screw** MWW 3X4mm X1 3X15mm Screw Pin X4 3mm Washer X15 2.6mm Washer X2 Nut 0 $(\circ)$ M3 Nut X11 49002 X1 Wind Shield M2.6 Nut X26 52312 X8 10cm Cable Tie M3 Nylon Lock Nut X77 50130 X2 25cm Releasable Tie M3 Flange Nut X26 Gear Grease X1 Shock Grease X1 1.5mm L-Wrench X1 M4 Nylon Lock Nut X4 Box Wrench X1

### Main Axle Assembly



2.5mm X2 E-ring



Ball Bearing X4 1150



Ball Bearing X4 850

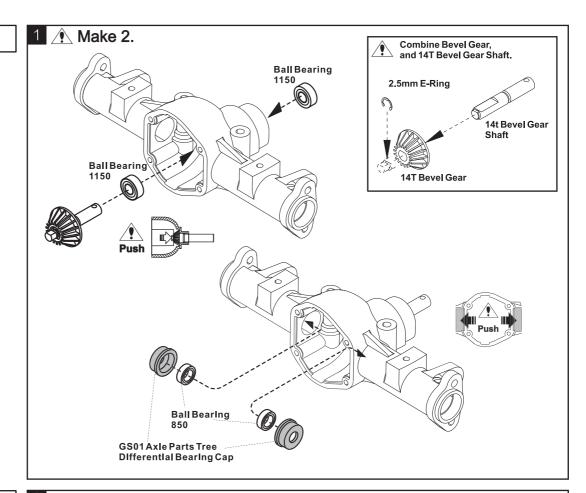
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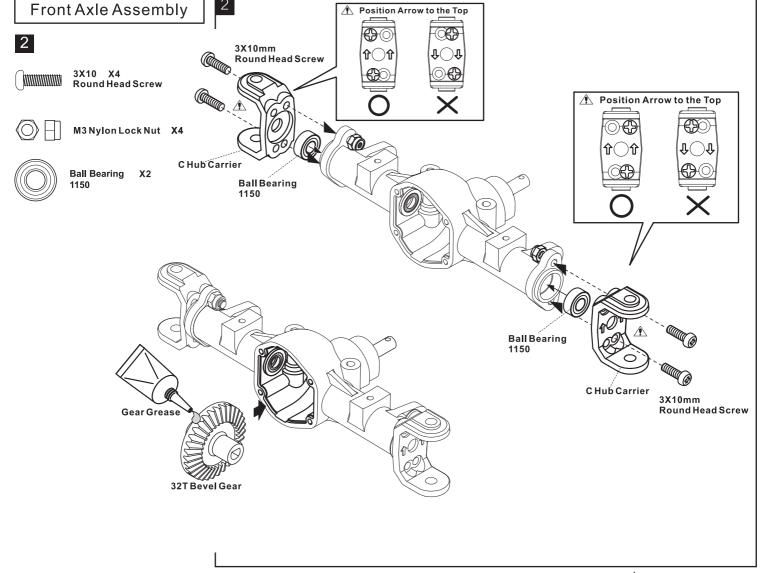


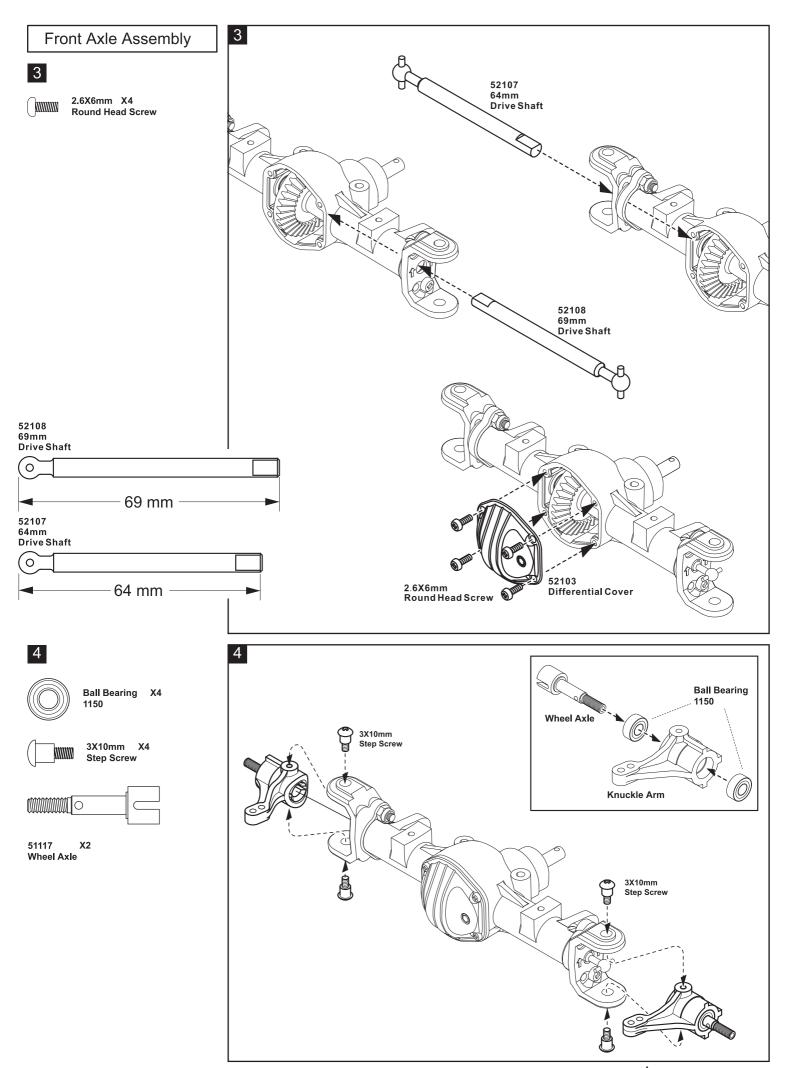
14T Bevel Gear Shaft X2

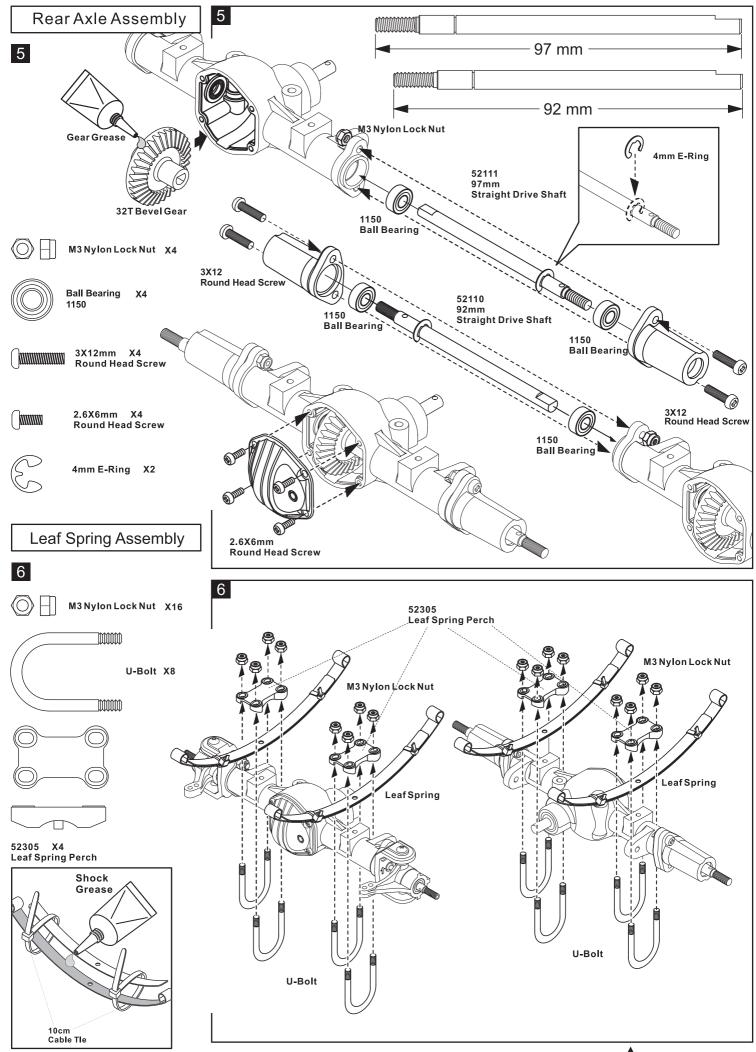


GS01 Axle Parts Tree Differential Bearing Cap X4

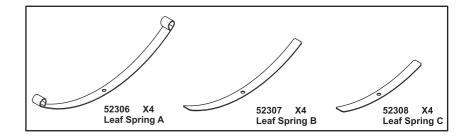


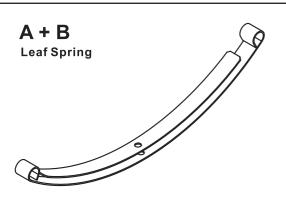






# Leaf Spring Setup Guide





# Soft Type Suspension

Low Speed & high traction Driving. Soft type leaf-spring setup can be used when vehicle needs high tractions and provides sooth suspension movements with maximum wheel travel level, it is recommend to us at trail courses.



Coution: Do not us this setup when high speed driving and hardcore drive, it will causing the Leaf-spring become deformed

Recommend Motor use: Over 35T Brushed motor



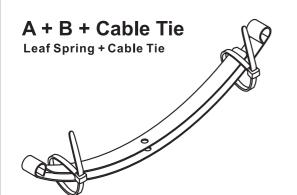








On Road



# Standard Type Suspension

Normal Driving

Recommend Motor use:25T~30T Brushed motor



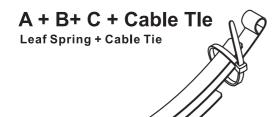






On Road





# Hard Type Suspension

Hard type leaf-spring setup provides stable handling works during high speed driving

Recommend Motor use: 19T~23T Brushed motor













### Servo Mount





M3 Nylon Lock Nut X2

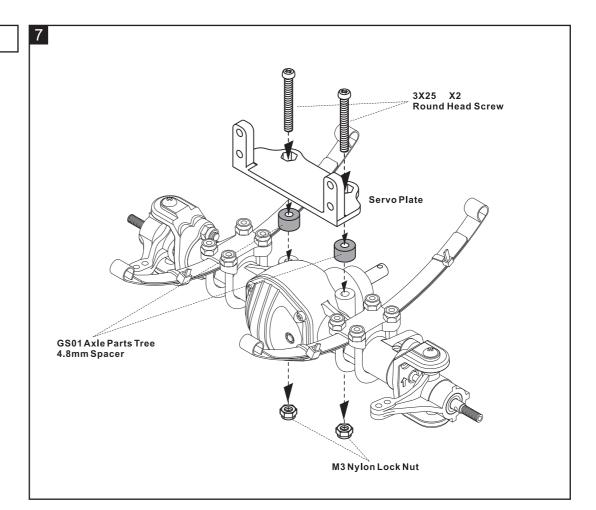


3X25 X2 Round Head Screw













3mm X4 Washer

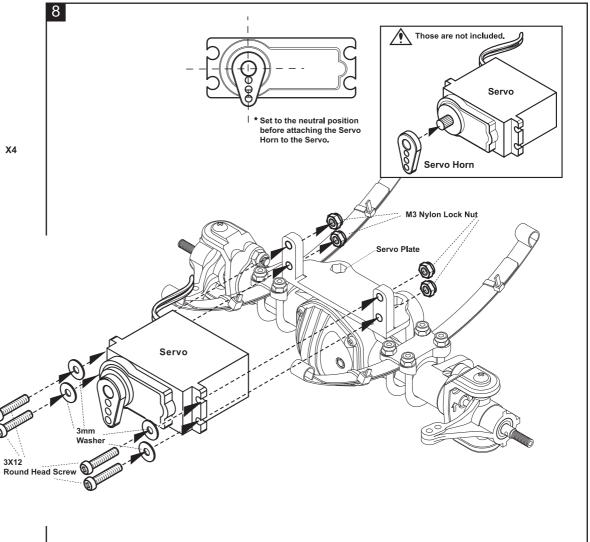


3X12mm X4 Round Head Screw





M3 Nylon Lock Nut X4



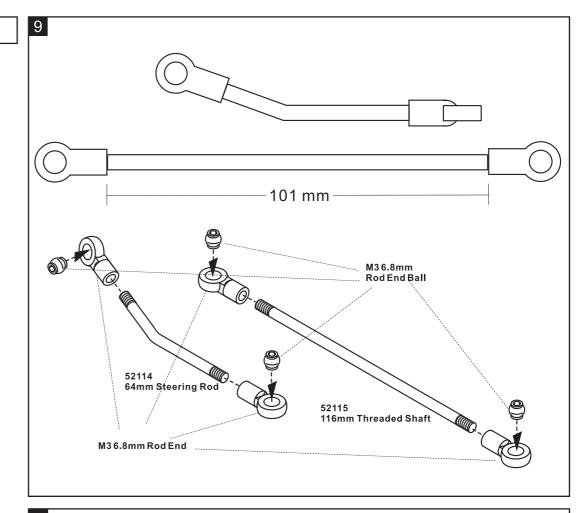


9



M36.8mm Rod End X4





10



3X16mm X1 Round Head Screw

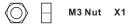


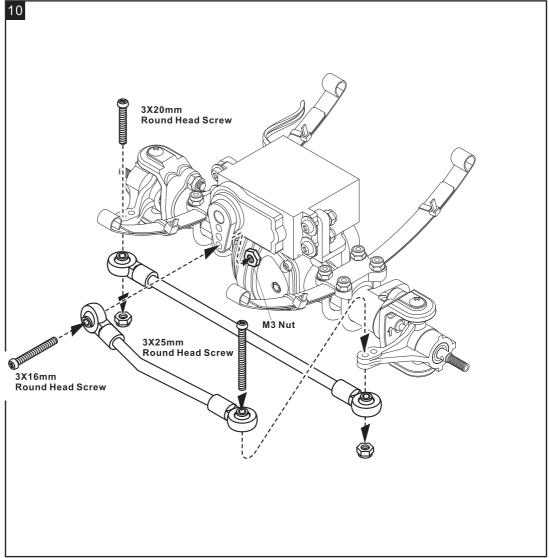
3X20mm X1 Round Head Screw

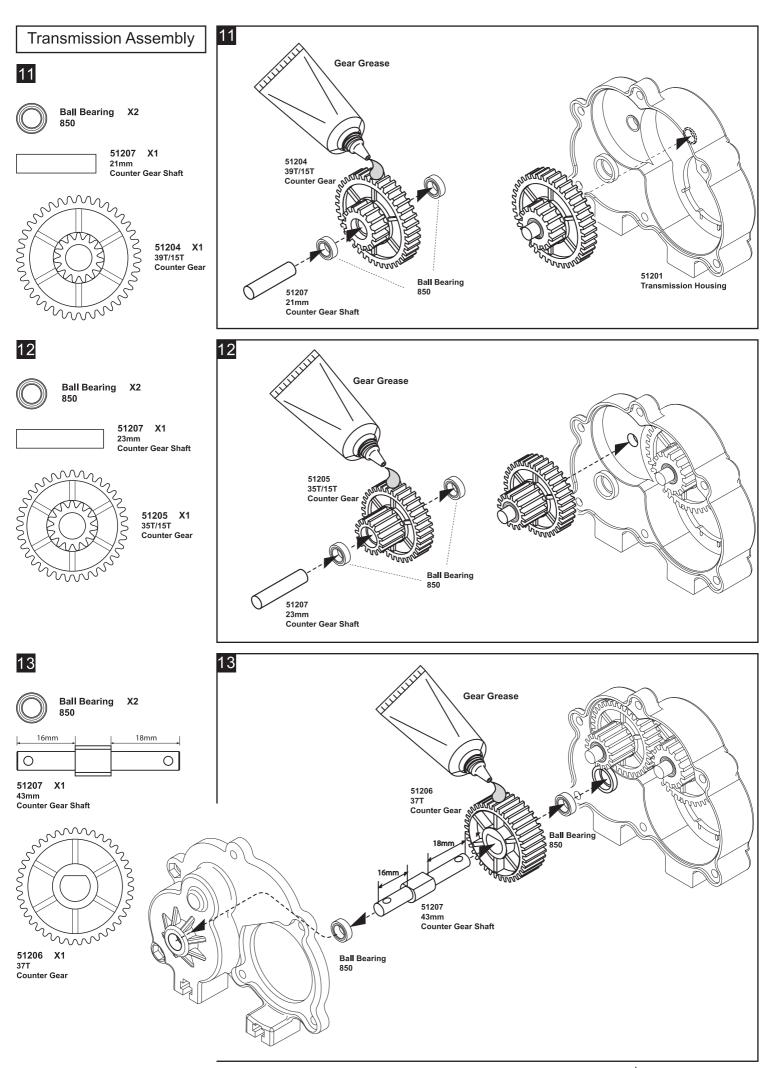


3X25mm X1 Round Head Screw









# Transmission Housing Assembly

14

3X8mm X1 Round Head Screw

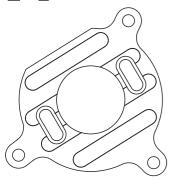
3X12mm X1 Round Head Screw

3X16mm X1 Round Head Screw

3X20mm X3 Round Head Screw



M3 Nut X6



51202 X1 Motor Plate

### Skid Plate

15



3X20mm X4 Round Head Screw



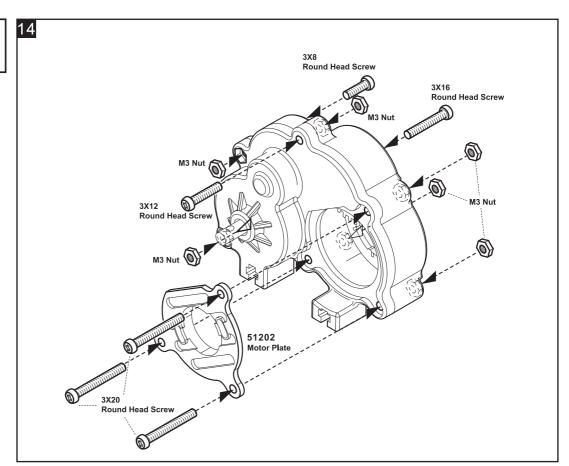


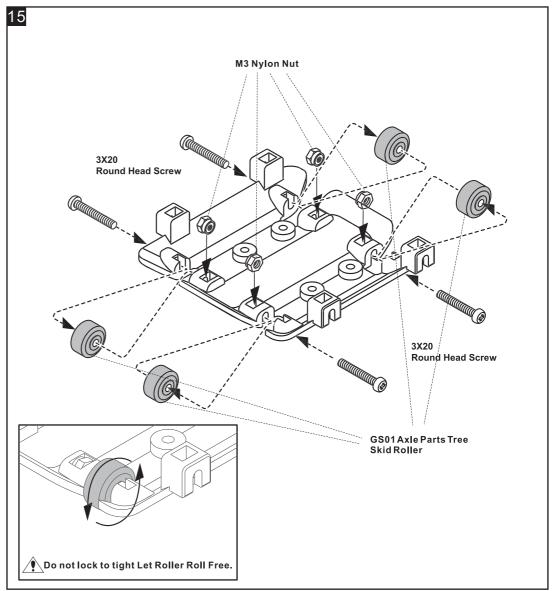
M3 Nylon Nut X4





GS01 Axle Parts Tree Skid Roller X4







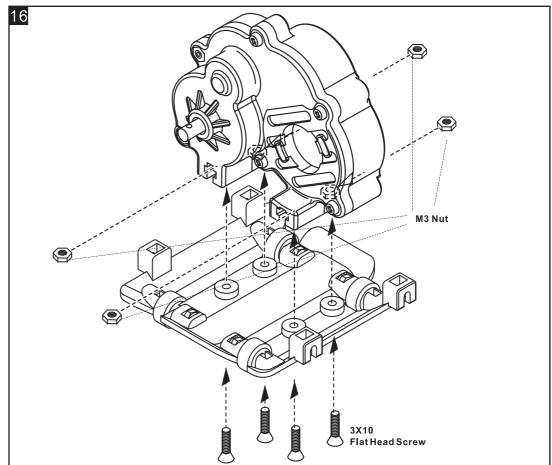
### Transmission Housing Assembly

16

3X10mm X4 Flat Head Screw



M3 Nut Χ4



### Motor

17



3mm X2 Washer



3X10mm X2 Round Head Screw



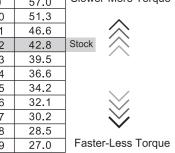


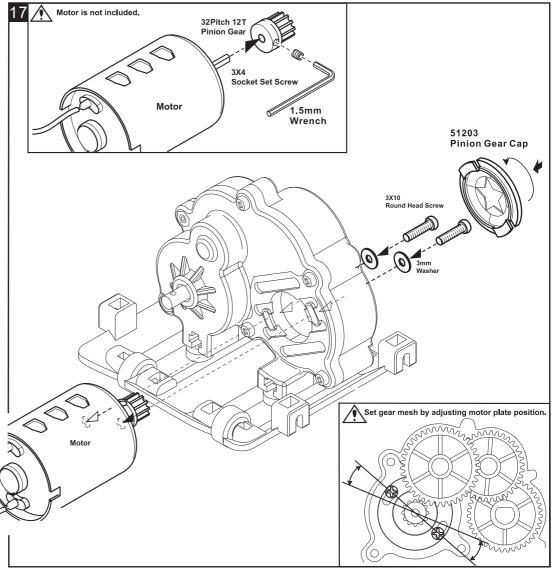
20142 X1 32Pitch 12T Pinion Gear

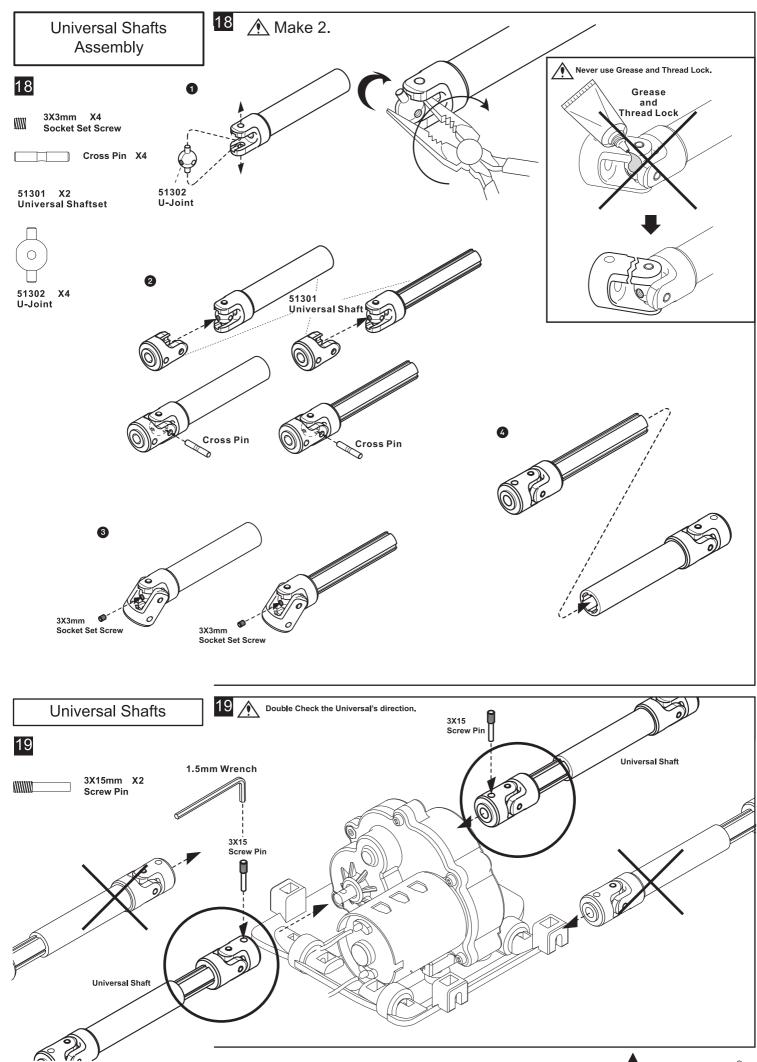
## ⚠ Gear Ratio

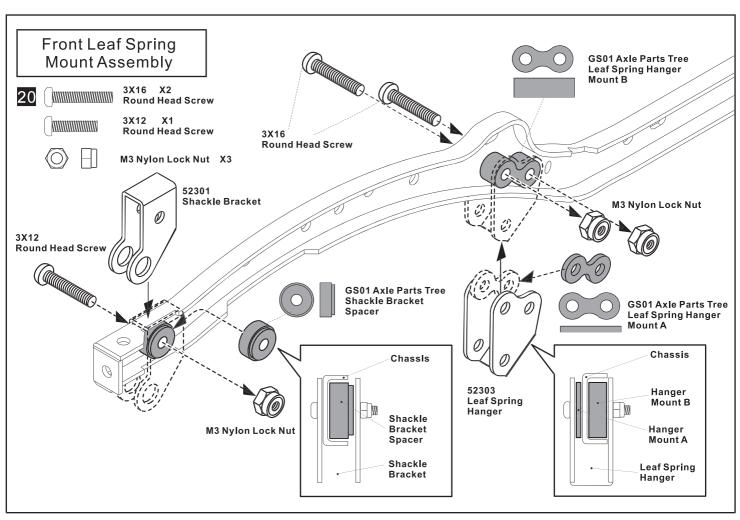
57.0	9
51.3	10
46.6	11
42.8	12
39.5	13
36.6	14
34.2	15
32.1	16
30.2	17
28.5	18
27.0	19
	51.3 46.6 42.8 39.5 36.6 34.2 32.1 30.2 28.5

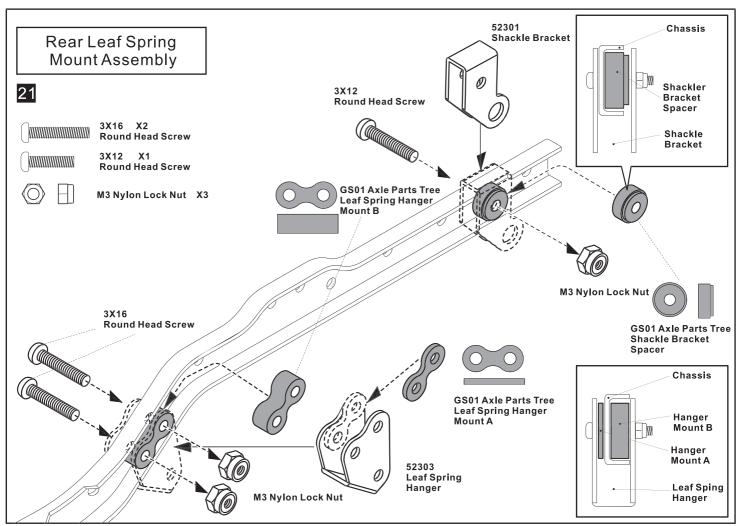
Slower-More Torque

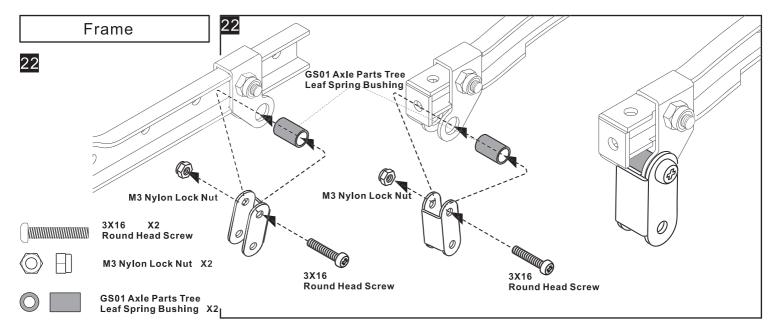












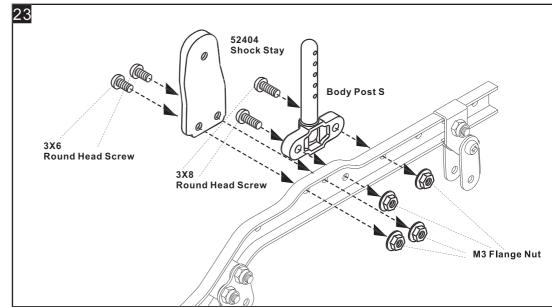
23



M3 Flange Nut X4







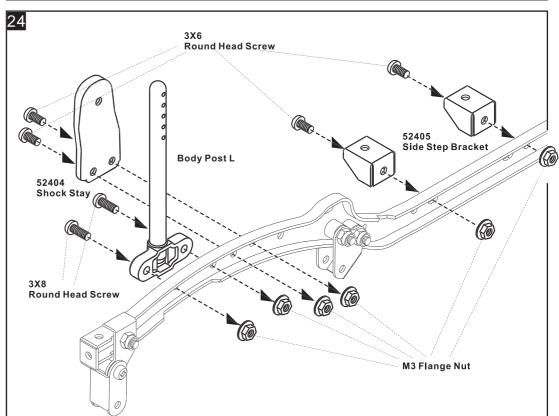
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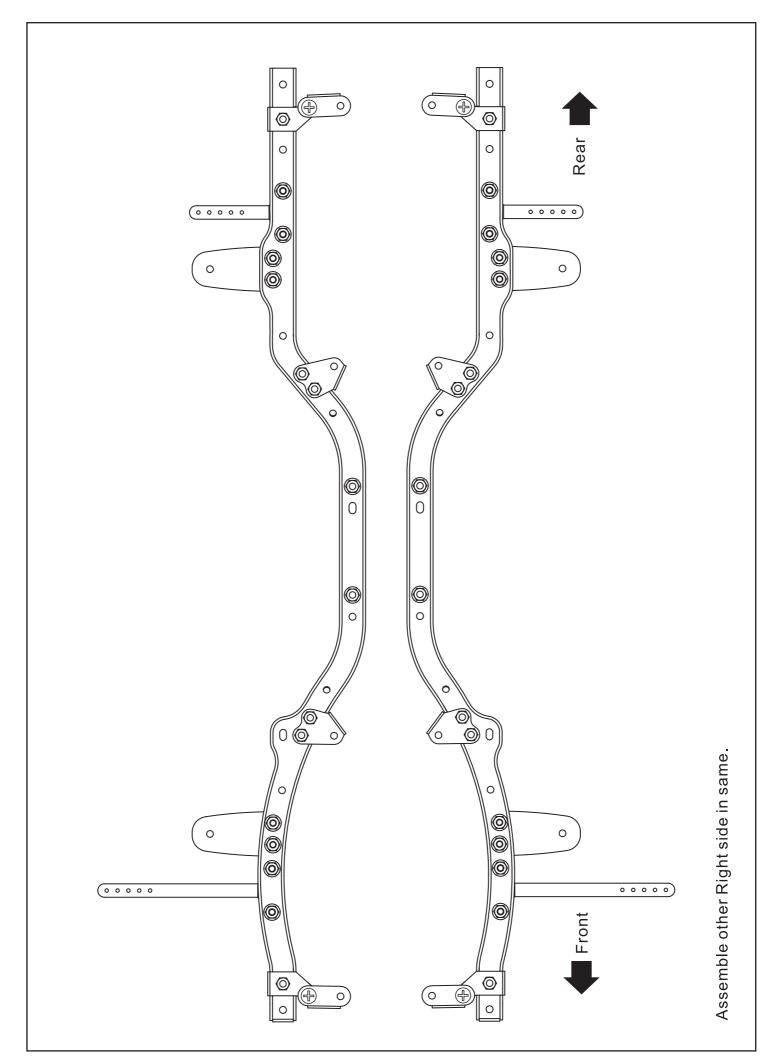


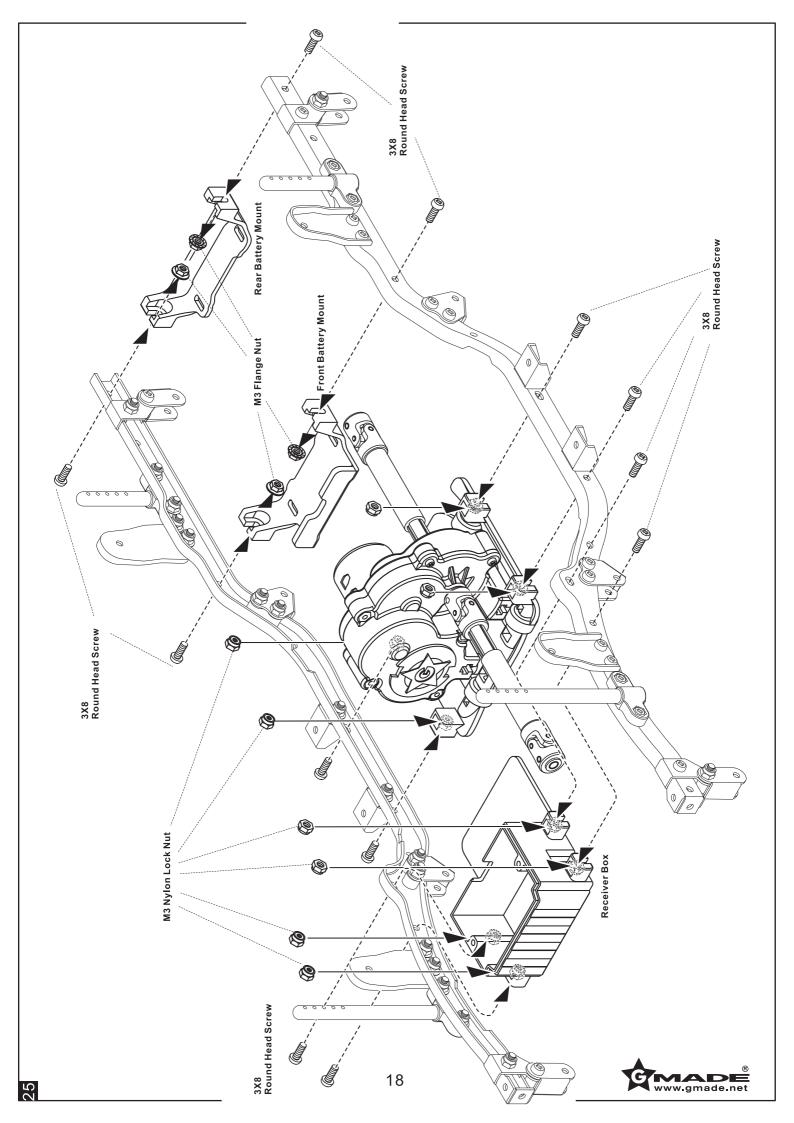
M3 Flange Nut X6

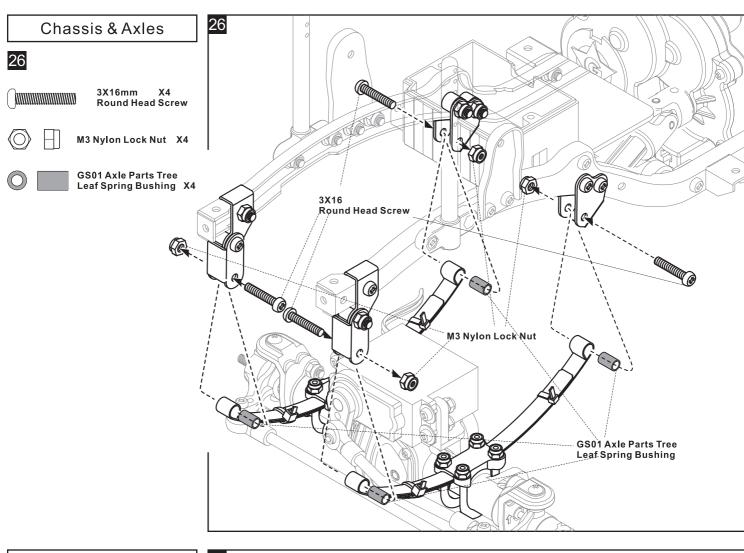


3X8 X2 Round Head Screw







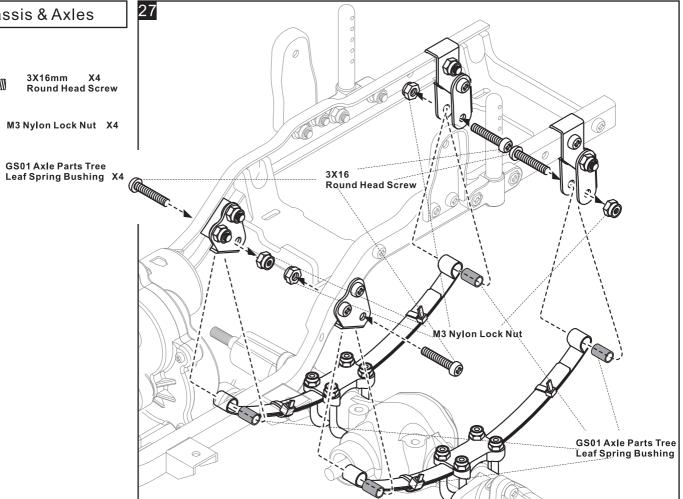


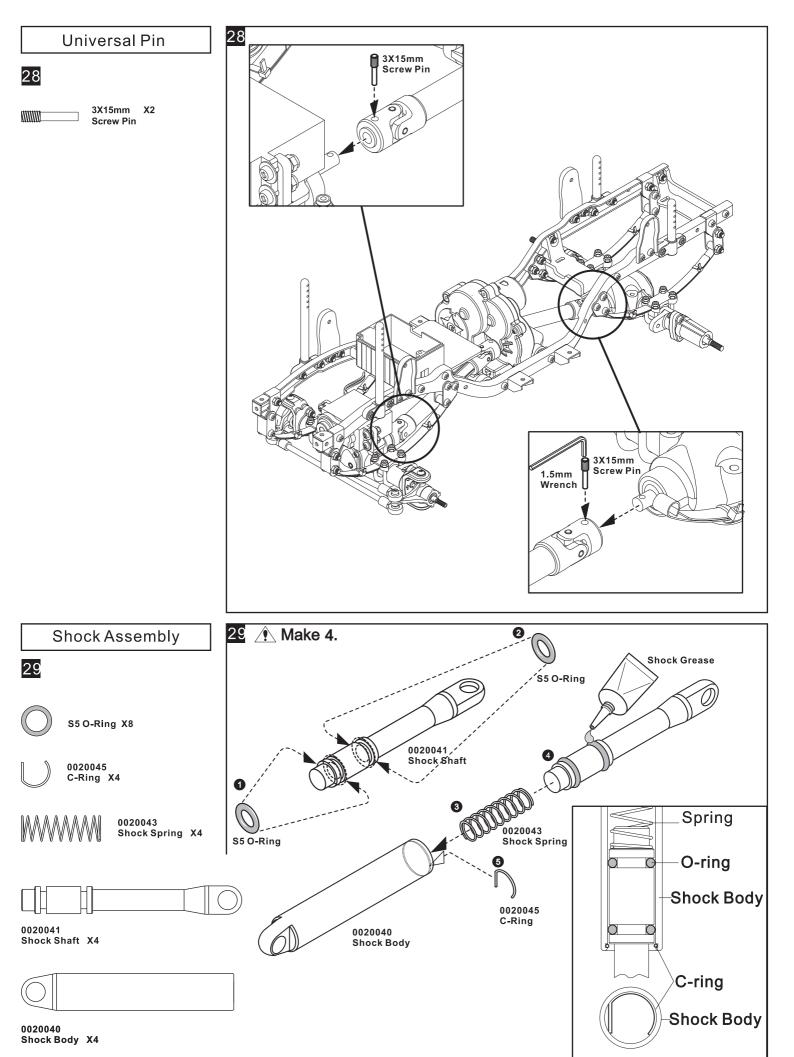
Chassis & Axles

3X16mm

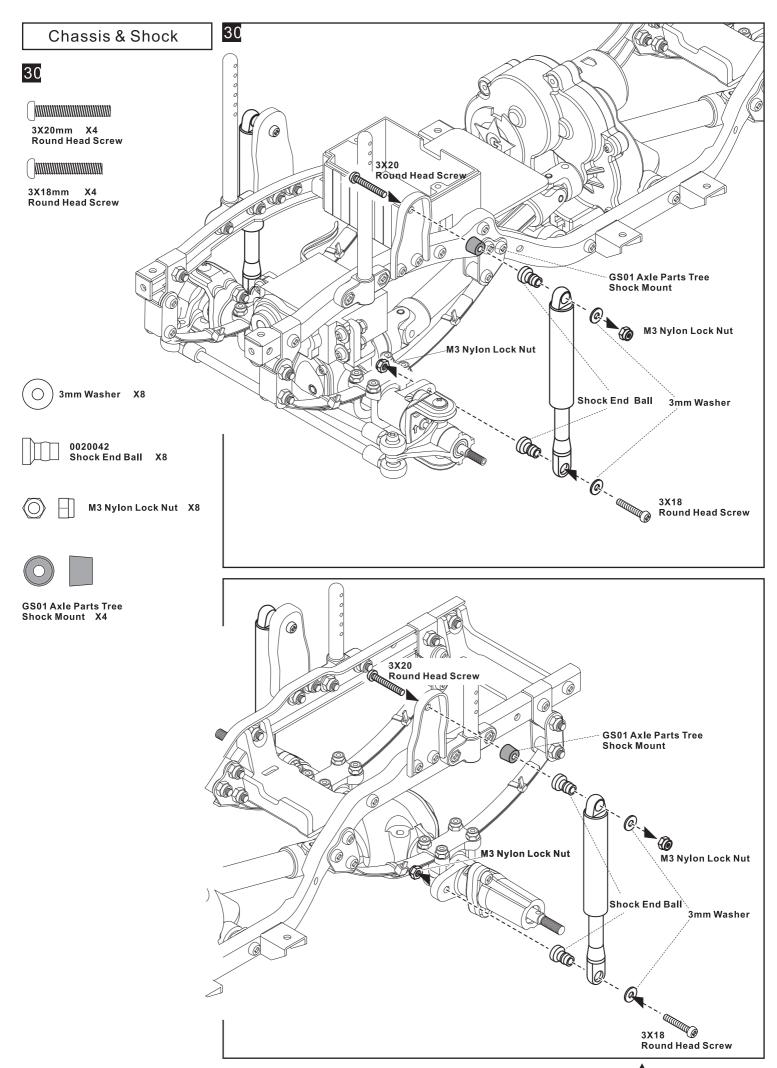
X4

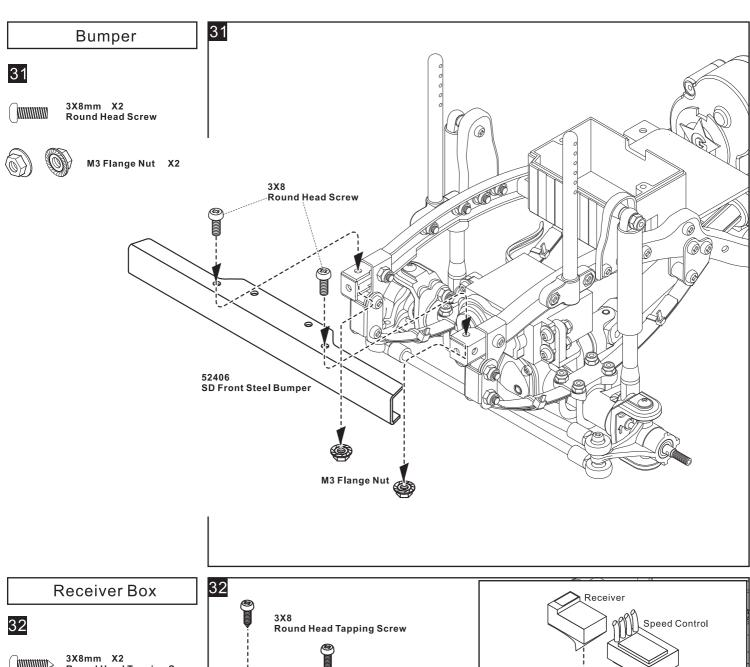
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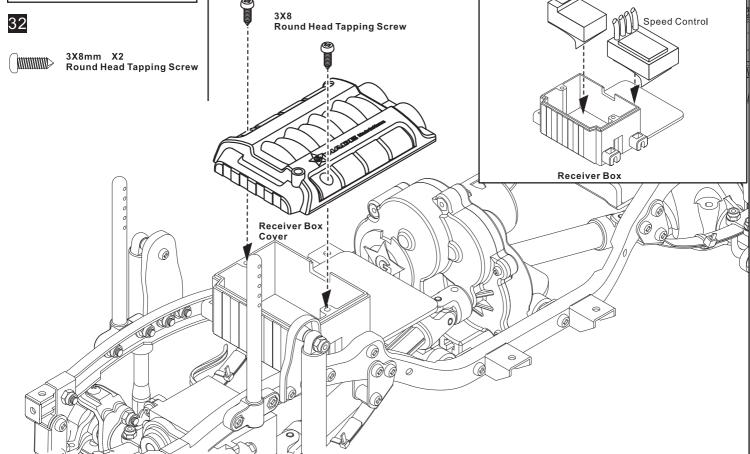


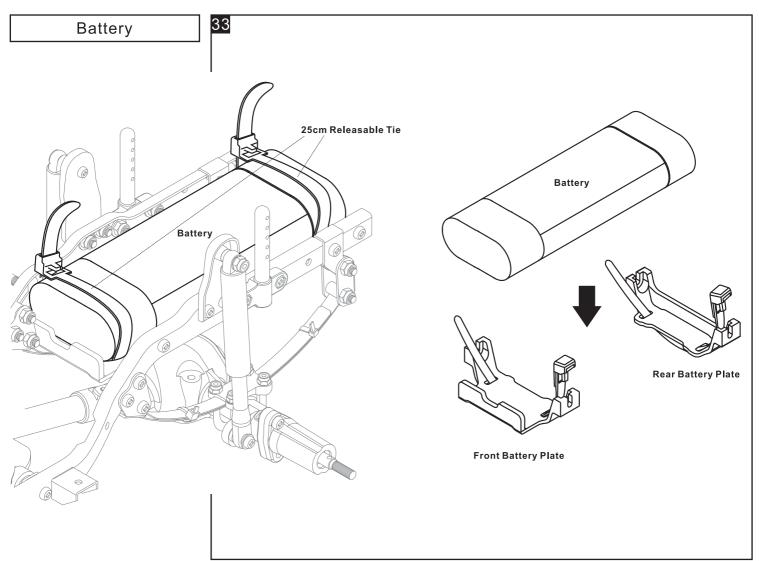


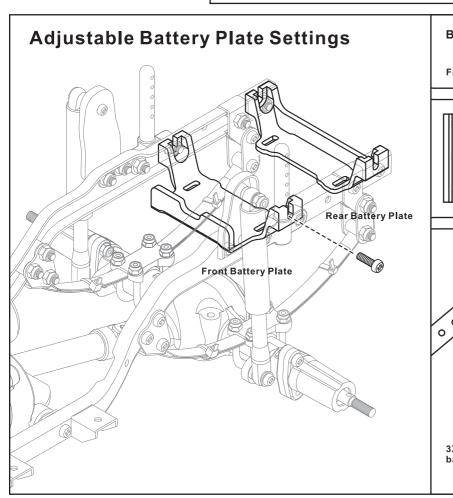


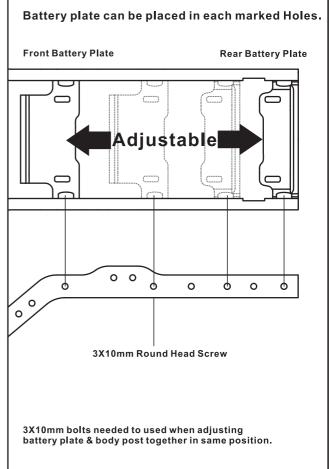


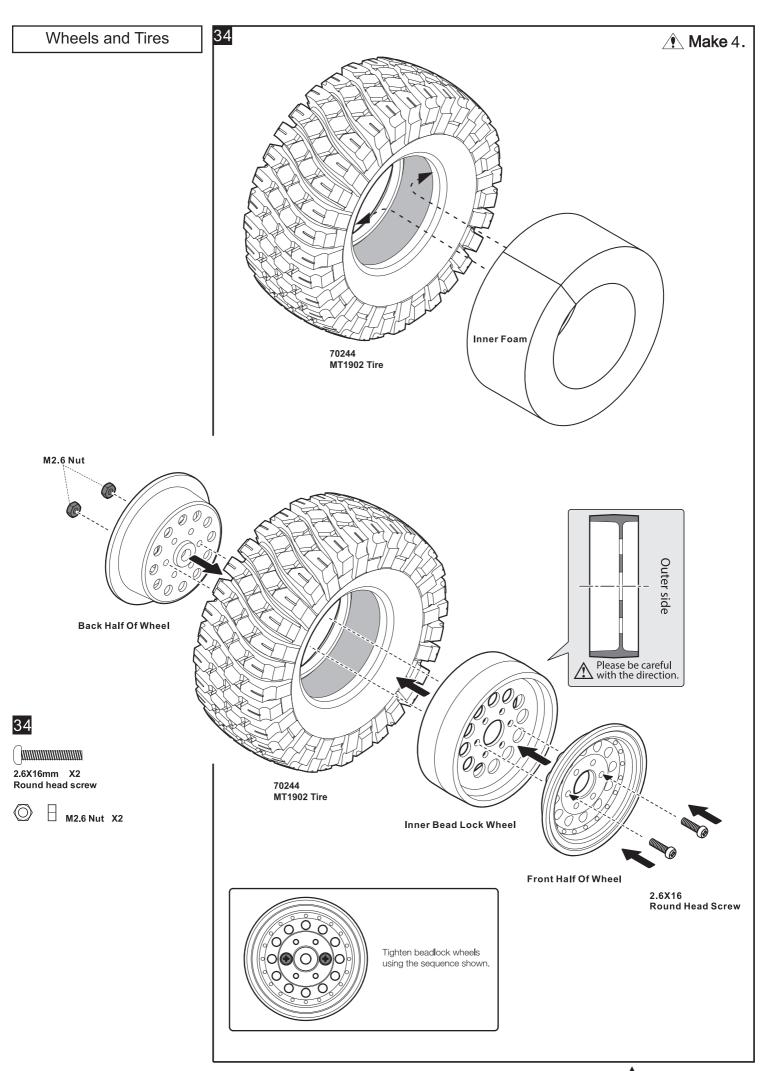


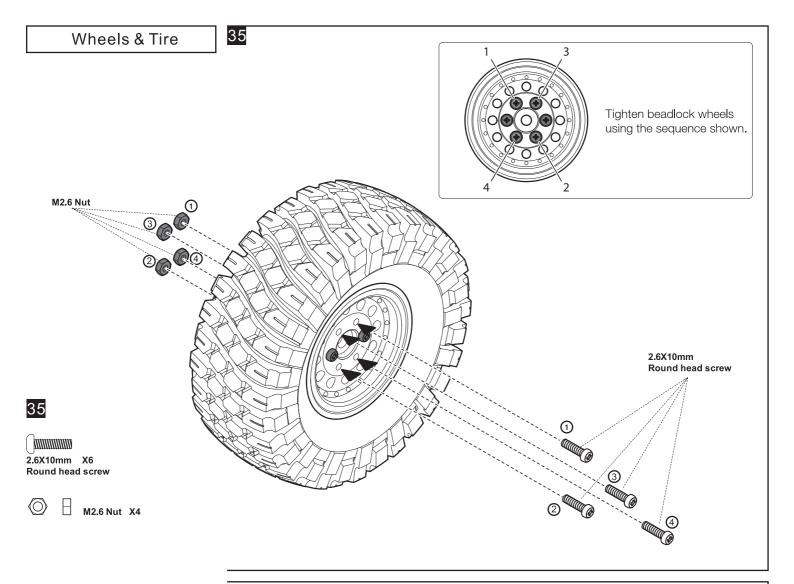


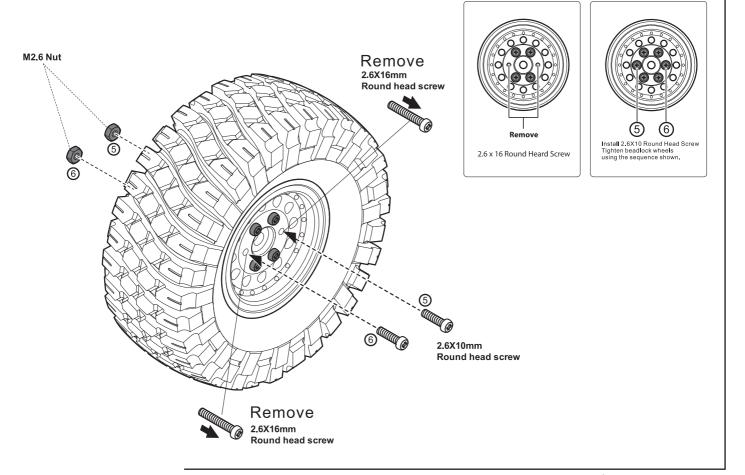


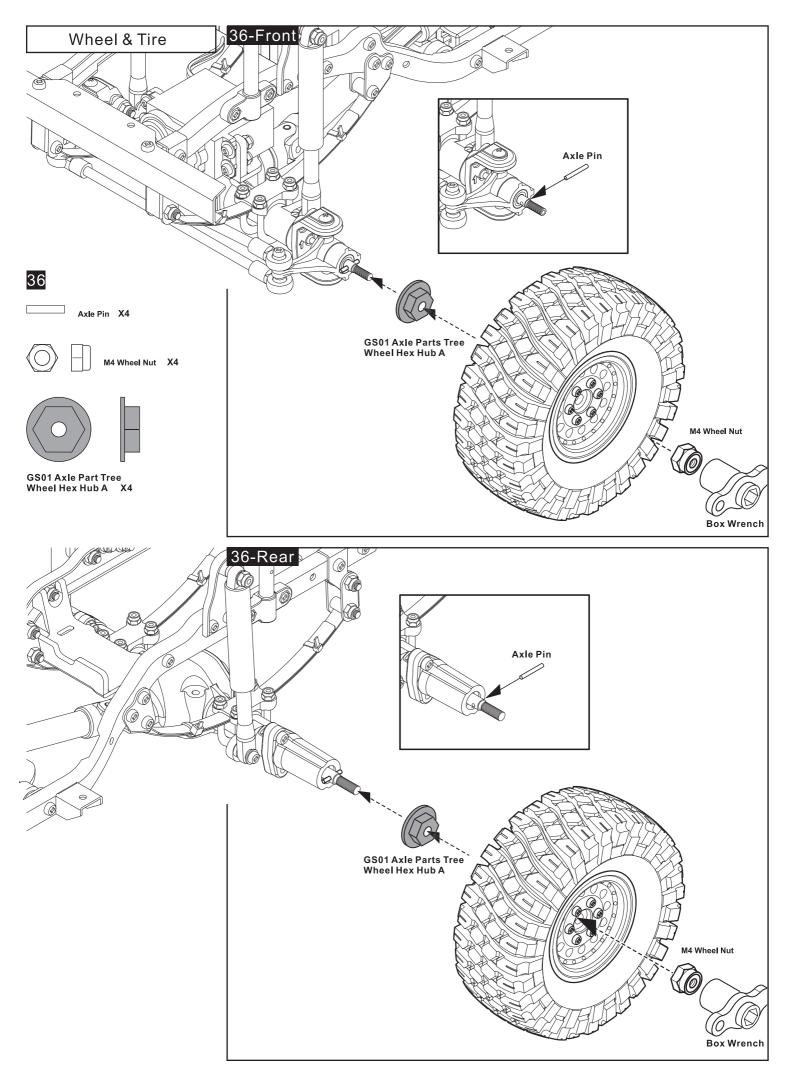


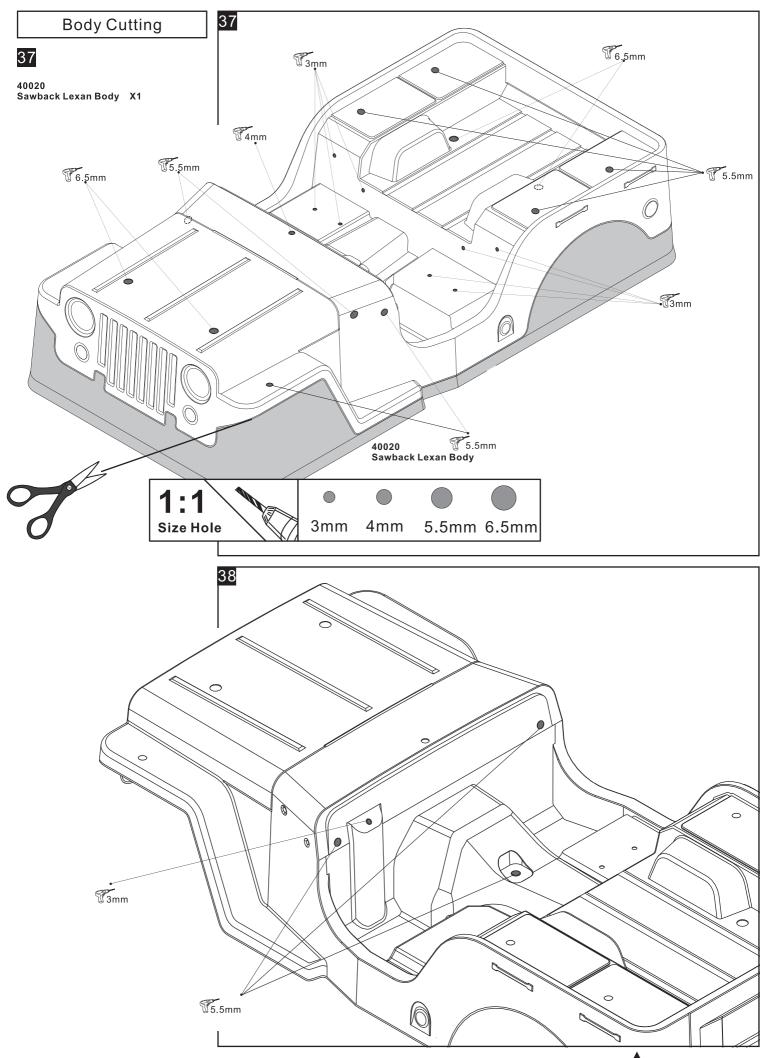


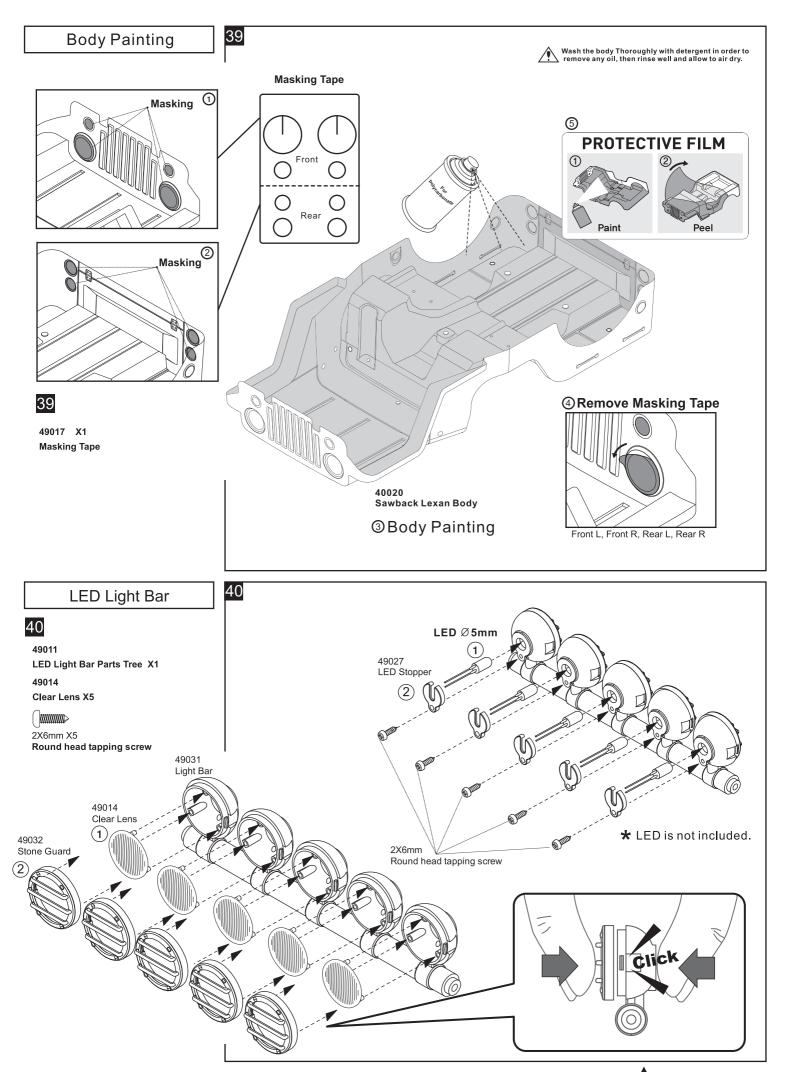












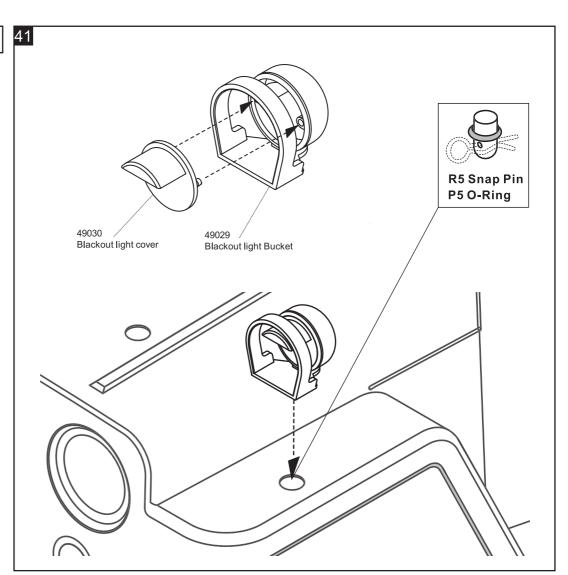
### Blackout light Bucket

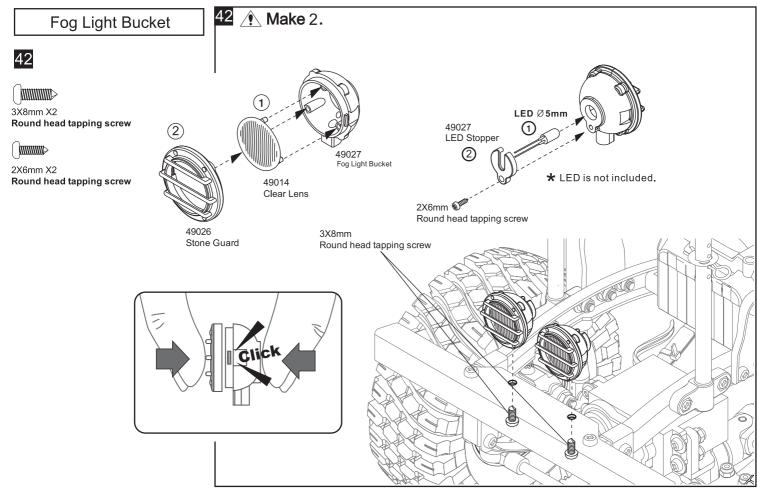
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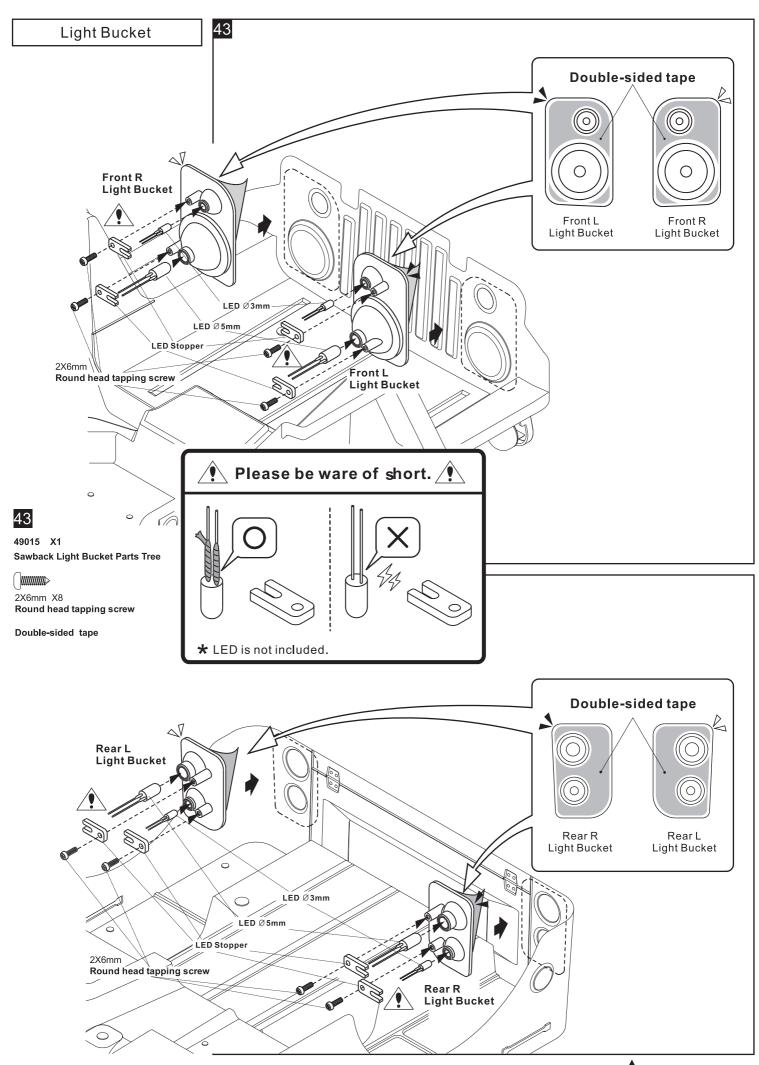
49013
Fog LED Light & Accessories Parts Tree

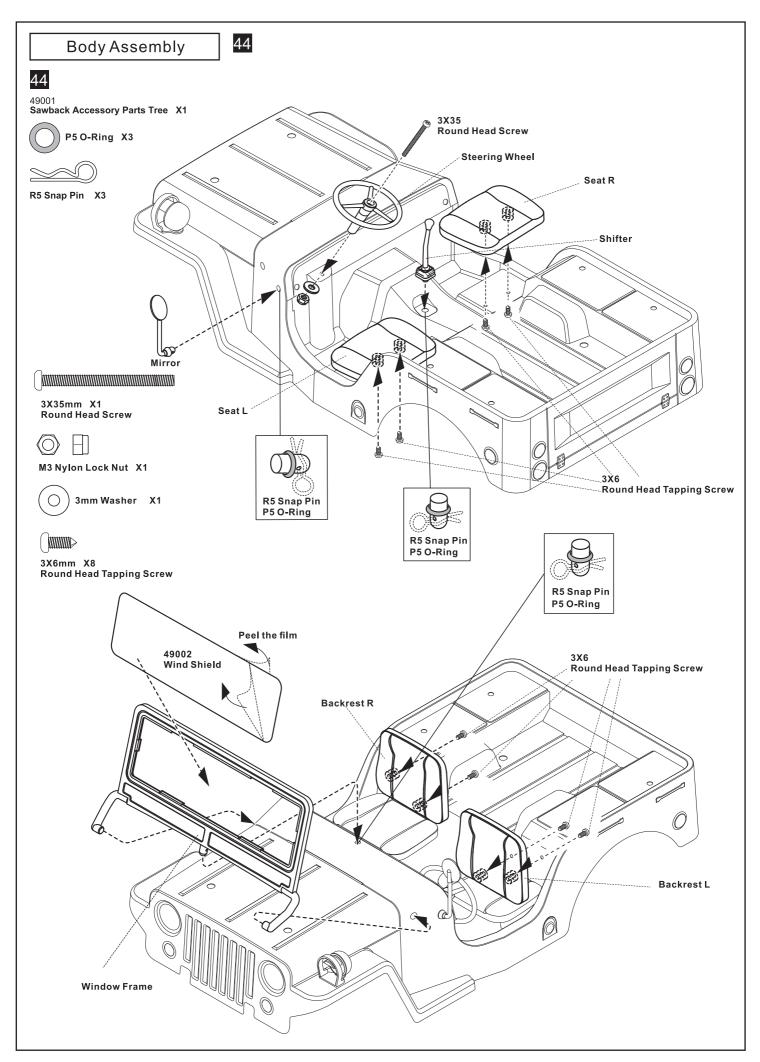


R5 Snap Pin X1

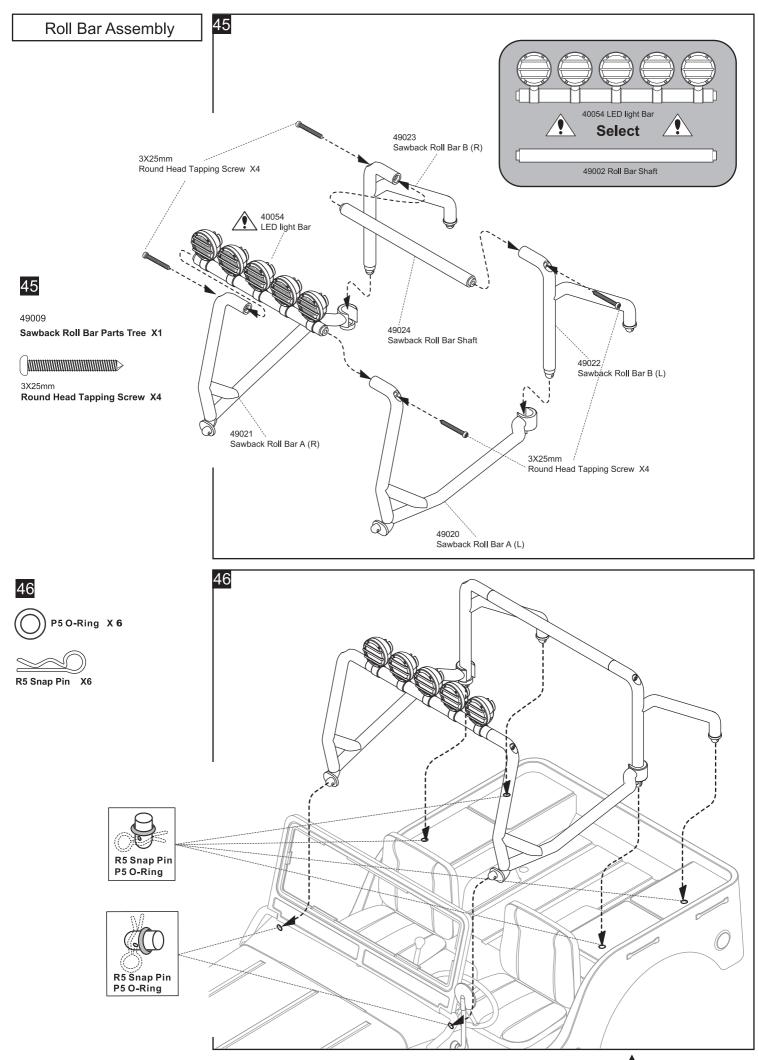


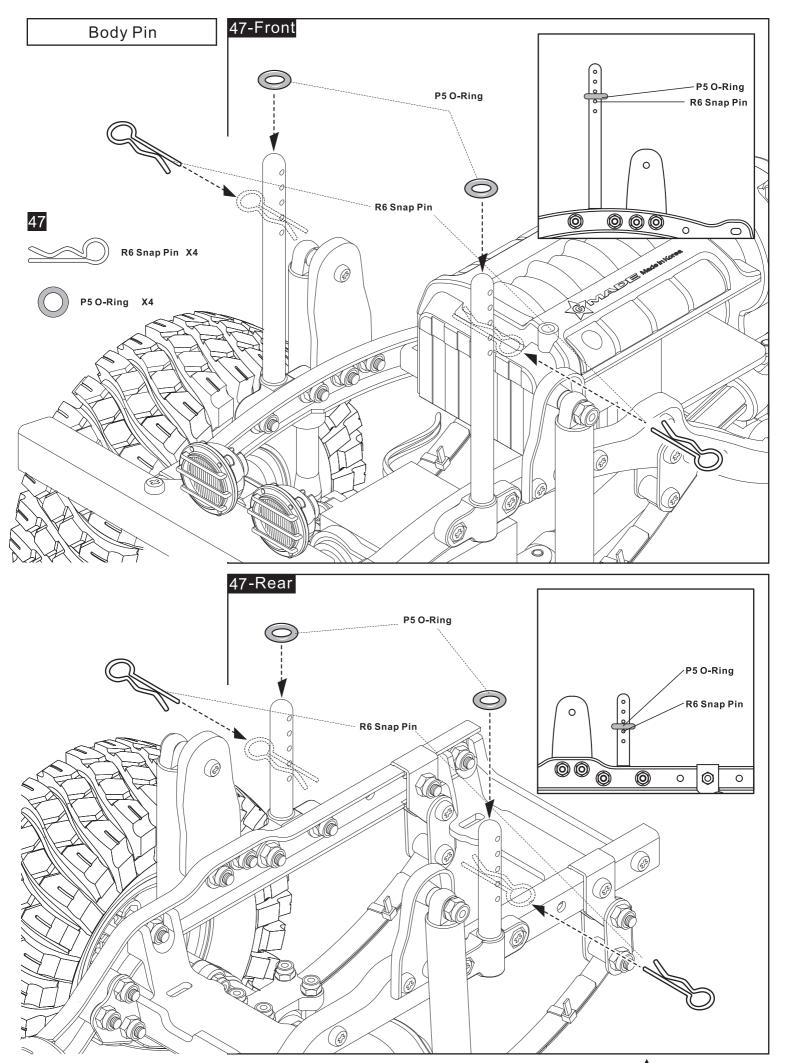


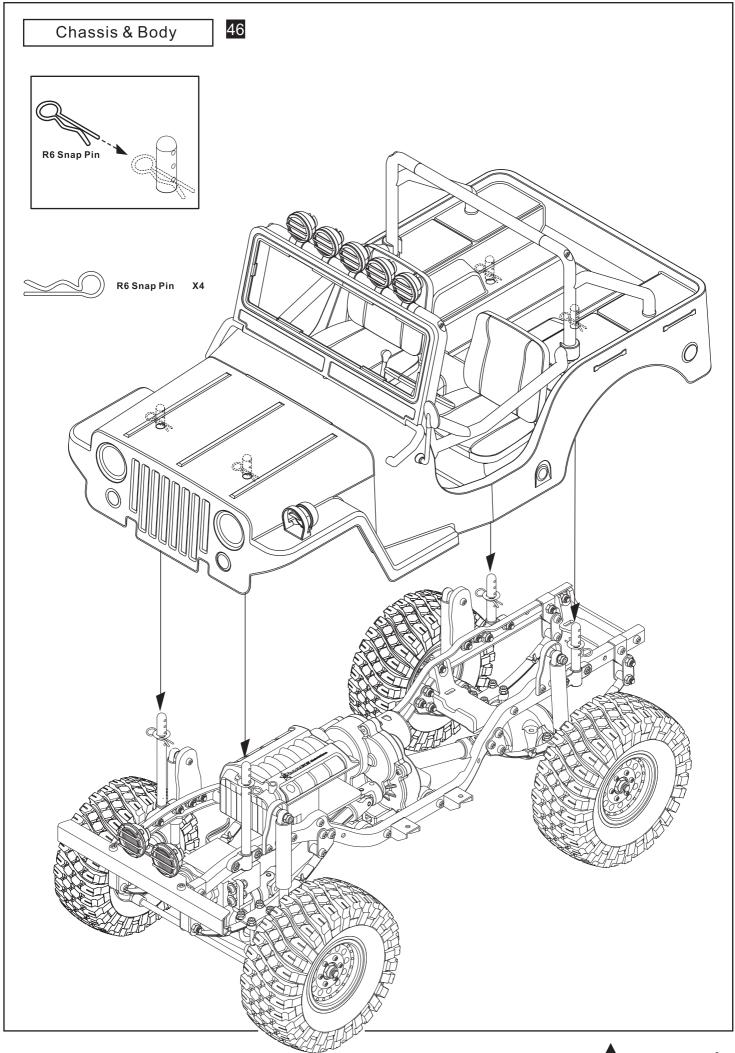












### Parts Reference

52100	52300	40044
52101 GS01 Axle Housing (X2) 52102 GS01 Axle Parts Tree (X2)	52301 Shackle Bracket (X4)	49009 Sawback Roll Bar Parts Tree (X1)
52102 G301 Axie Paris Tree (X2)	52302 Shackle (X4)	49020 Sawback Roll Bar A (L) (X1)
52120 Critis Carrier (X2) 52121 Straight Axle Adapter (X2)	52303 Leaf Spring Hanger (X4)	49021 Sawback Roll Bar A (R) (X1)
52123 Servo plate (X2)	52305 Leaf Spring Perch (X4) 52306 Leaf Spring A (X4)	49022 Sawback Roll Bar B (L) (X1)
52124 Differential Bearing Cap (X4)	52307 Leaf Spring B (X4)	49023 Sawback Roll Bar B (R) (X1)
52125 Leaf Spring Bushing (X12)	52308 Leaf Spring C (X4)	49024 Sawback Roll Bar Shaft (X2)
52126 12mm Wheel hex hub A (X4)	52312 10cm Cable Tie (X8)	40040 RE Spon Din (VS)
52127 12mm Wheel hex hub B (X4)		49010 R5 Snap Pin (X6) P5 O-ring (X6)
52128 Skid Roller (X4)	52310 U-Bolt (X8)	3X25mm Round head tapping screw (X4)
52129 Shock Mount (X4)	3X12mm Round head screw (X4)	5A25IIIII Round flead tapping sciew (A4)
52130 4.8mm Spacer (X2)	3X16mm Round head screw (X20)	
52131 6mm Spacer (X4)	M3 Nylon Lock Nut (X40)	49007
52132 Shackle Bracket Spacer (X4)		49015 Sawback Light Bucket Parts Tree (X1)
52133 Leaf Spring Hanger Mount A (X4)	51302 U-Joint (X4)	49039 Front Light Bucket (L) (X1)
52134 Leaf Spring Hanger Mount B (X4)	51307 Cross pin (X4)	49040 Front Light Bucket (R) (X1)
51105 Knuckle Arm (X2)	3X3mm Socket Set Screw (X4)	49041 Rear Light Bucket (L) (X1)
		49042 Rear Light Bucket (R) (X1)
52103 GS01 Differential Cover (X2)	51306 3X15mm Screw pin (X4)	49043 LED Stopper (X8)
	51301 Universal Shaft Set (X2)	49016 Sawback Light Bucket Decal (X1)
52104 32T Bevel Gear (X2)	51308 Universal Drive Hub (X4)	49017 Sawback Light Bucket Masking Tape (X1)
52105 14T Bevel Gear (X2)		49018 Sawback Light Bucket Double-sided Tape
50400 00 00 00 00 00 00	50400	
52108 69mm Drive Shaft (X1)	52400	49019 2X6mm Round head tapping screw (X10)
52107 64.4mm Drive Shaft (X1)	52401 GS01 Frame Side Rail R (X1)	
52111 97mm Straight Drive Shaft (X1)	52402 GS01 Frame Side Rail L (X1)	
52110 92mm Straight Drive Shaft (X1)		
51117 Wheel Axle Shaft (X2)	52404 Shock Stay (X4)	40034
52113 14T Bevel Gear Shaft (X2)		49013 Fog LED Light & Accessories Parts Tree (>
50445 446mm Three ded Cheft (V4)	52405 Side Step Bracket (X4)	49026 Stone Guard (X2)
52115 116mm Threaded Shaft (X1) 52114 64mm Steering Rod (X1)		49027 Fog Light Bucket (X2)
20173 6.8mm Rod End Ball (X4)	52406 SD Front Steel Bumper (X1)	49028 LED Stopper (X2)
20216 M3 6.8mm Rod End (X4)	52407 GS01 Cross Member Parts Tree (X1)	49029 Blackout light Bucket (X2)
52117 2.6X6mm Round head screw (X8)	Chassis Skid Plate (X1)	49030 Blackout light cover (X2)
3X10mm Round head screw (X4)	Front Battery Mount (X1)	49014 Clear Lens (X2)
3X12mm Round head screw (X8)	Rear Battery Mount (X1)	49008 R5 Snap Pin (X2)
3X16mm Round head screw (X1)	Receiver Box Cover (X1)	2X6mm Round head tapping screw (X2)
3X20mm Round head screw (X1)	Receiver Box (X1)	P5 O-ring (X2)
3X25mm Round head screw (X3)	50130 25cm Releasable Tie (X2)	3X8mm Round head tapping screw (X2)
3X30mm Round head screw (X2)		
2.5mm E-Ring (X2)	52409 3X8mm Round head tapping screw (X2)	
4mm E-Ring (X2)	3X10mm Flat head screw (X4)	40054
3mm Washer (X4)	3X6mm Round head screw (X12)	
51120 3X10mm Step Screw (X4)	3X8mm Round head screw (X22)	49011 LED Light Bar Parts Tree (X1)
M3 Nut (X1)	3X10mm Round head screw (X2)	49031 Light Bar (X1)
M3 Nylon Lock Nut (X16)	3X18mm Round head screw (X4)	49032 Stone Guard (X5) 49028 LED Stopper (X5)
	3X 20mm Round head screw (X8) 3mm Washer (X8)	49036 LED Stopper (A3) 49034 Light Bar Mount (X2)
Ball bearing 1150 (X14)	M3 Flange Nut (X26)	49034 Light Bar Woullt (A2)
Ball bearing 850 (X4)	M3 Nylon Lock Nut (X20)	49014 Clear Lens (X5)
	M3 Nyion Lock Nat (A20)	49012 3X8mm Round head tapping screw (X2)
51603 Axle Pin (X4)	40000	2X6mm Round head tapping screw (X5)
51602 M4 Wheel Nut (X4)	40020	M2.6 nut (X2)
	40020 Sawback Lexan Body (X1)	2.6mm Washer (X2)
51200	49001 Sawback Accessory Parts Tree (X1)	2.6X5mm Round head screw (X2)
51201 Transmission Housing Set (X1)	Window Frame (X1)	70244 MT4002 Tire (V4)
51202 Motor Plate (X1)	Seat L (X1)	70244 MT1902 Tire (X4)
51203 Pinion Gear Cap (X1)	Seat R (X1)	49038 Sawback Sports Manual (X1)
51204 39T/15T Counter gear (X1)	Backrest L (X1)	49004 Sawback Decal Sheet (X1)
51205 35T/15T Counter gear (X1)	Backrest R (X1)	49037 Sawback Sports Decal Sheet (X1)
51206 37T Counter gear (X1)	Mirror (X1)	
1	Shifter (X1)	
51207 21mm Counter Gear Shaft (X1)	Steering wheel (X1)	
23mm Counter Gear Shaft (X1)	Body Post L (X2)	
43mm Counter Gear Shaft (X1)	Body Post S (X2) 49002 Windshield (X1)	
20142 32Pitch 12T Pinion gear (X1)	49002 WilldSilleId (X1)	
1	49005 3X 6mm Round hea d tapping screw (X8)	_
51208 3X8mm Round head screw (X1)	3X35mm Round head screw (X1)	
52117 3X10mm Round head screw (X6)	3mm Washer (X1)	
3X12mm Round head screw (X1)	49006 R5 Snap Pin (X3)	
3X16mm Round head screw (X1)	P5 O-ring (X7)	
3X20mm Round head screw (X3)	50116 R6 Snap Pin (X8)	
3X4mm Socket Set Screw (X1)	M3 Nylon Lock Nut (X1)	
M3 nut (X10)	• • •	
3mm Washer (X2)		
Pall hearing 950 (V6)	51504 Gear Grease (X1)	
Ball bearing 850 (X6)	51513 1.5mm L-Wrench (X1)	MAD
1	51515 Box Wrench (X1)	www.gmade.i
70224	00400	Sinwol-3dong, 199-5
NR01 Front half of wheel (X4)	23102	GMADE building 1F
NR01 Inner beadlock ring (X4)	0020040 Shock Body (X4)	1
NR01 Back half of wheel (X4)	0020041 Shock Shaft (X4)	Yangcheon-gu, Seoul 15
	51512 Shock Grease (X1)	South Korea
2.6X10mm Round head screw (X24)		I
2.6X16mm Round head screw (X2)	0020042 Shock End Ball (X8)	Tel. 02-2696-8170
M2.6 nut (X24)	0020043 Shock Spring (X4)	Fax. 02-2696-8171
	0020046 S5 O-ring (X8)	1 ax. 02-2000-0171
Ī	0020045 C-Ring (X4)	

ded Tape (X1)

rts Tree (X1) ew (X2)



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