

1/8 Scale 4WD OFF-Road Nitro Buggy



Vol.1 00801-005

# Index

# contents

Warning 2	H Radio Tray System 21
Equipment Needed 3	I Fuel Tank 2.2.
Tools Recommended 4	J Engine 23
Fuel&Glow Plug 5	<b>K</b> Tire & Body <b>2.4</b>
A Shock Stay 6	Standard Setup Sheet 26
<b>B</b> Differential	Setup Sheet 27
C Turnbuckle 9	Exploded View 29
D Steering System 10	Standard Parts List 31
E Chassis Assembly 13	Optional Parts List 37
F Center Diff and Brake System 17	Other Parts List 41
G Steering Crank 18	



# Cautions

To prevent any serious personal injury and/or damage to property, please be responsible when operating all remote controlled models. Extra attention is called for when operating any glow fuel powered model. These models can exceed speeds of 31 mph (50km/h) and use highly poisonous and flammable fuels.

#### Inspect your model before operation

- Make sure that all screws and nuts are properly tightened. It is also a good idea to use removable thread glue wherever metal screws go into metal, especially for engine mounts and the engine pilot shaft.
- Always use fresh batteries for your transmitter and for your receiver to avoid losing control of the model.
- Always test the brakes and the throttle before starting your engine to avoid losing control of the model.
- Make sure the air filter is clean and oiled. Never run your engine without an air filter.
- Your engine can be seriously damaged if dirt and debris get inside the engine.
- Make sure no one else is using the same radio frequency as you are using.

#### Choose the right place to operate your R/C model.

- Do not run on public streets or highways. This could cause serious accidents, personal injuries, and/or property damage.
- Never run R/C models near people or animals.
- To avoid injury, do not run in confined spaces.
- Do not run where loud noises can disturb others, such as hospitals and residential areas.
- Never run indoors. There is a high risk of fire and/or damage.

#### Heat, Fire, and Fuel Safety

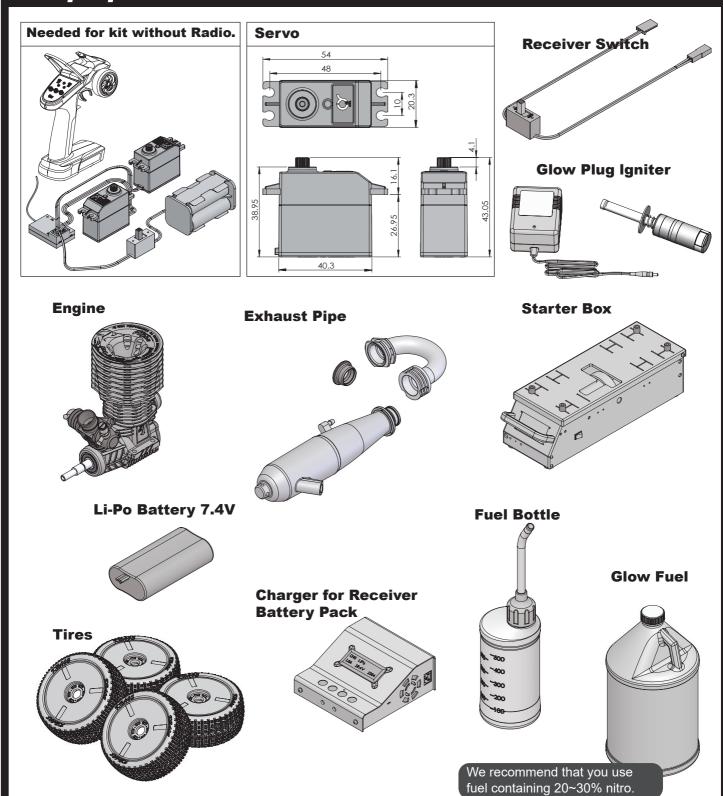
- Never use gasoline in a glow model engine. Use glow fuel specifically designed for car engines. Using non-approved fuels in your engine can cause an explosion.
- Do not run near open flames or smoke while running your model or while handling fuel.
- Always store fuel in a well ventilated place, away from heating devices, open flames, direct sunlight, or batteries. Keep glow fuel away from children.
- Be aware that some parts will be hot after operation. Do not touch the exhaust or the engine until they have cooled. These parts may reach 275°C (527°F) degrees during operation!





Glow fuel is flammable and poisonous. Always read the warning label for safety information. Glow fuel powered model engines emit poisonous vapors and gasses. These vapors irritate eyes and can be highly dangerous to you health. We recommend wearing rubber or vinyl gloves to avoid direct contact with glow fuel. Also, be aware of spilled or leaking fuel. Fuel leaks can cause fires or explosions.

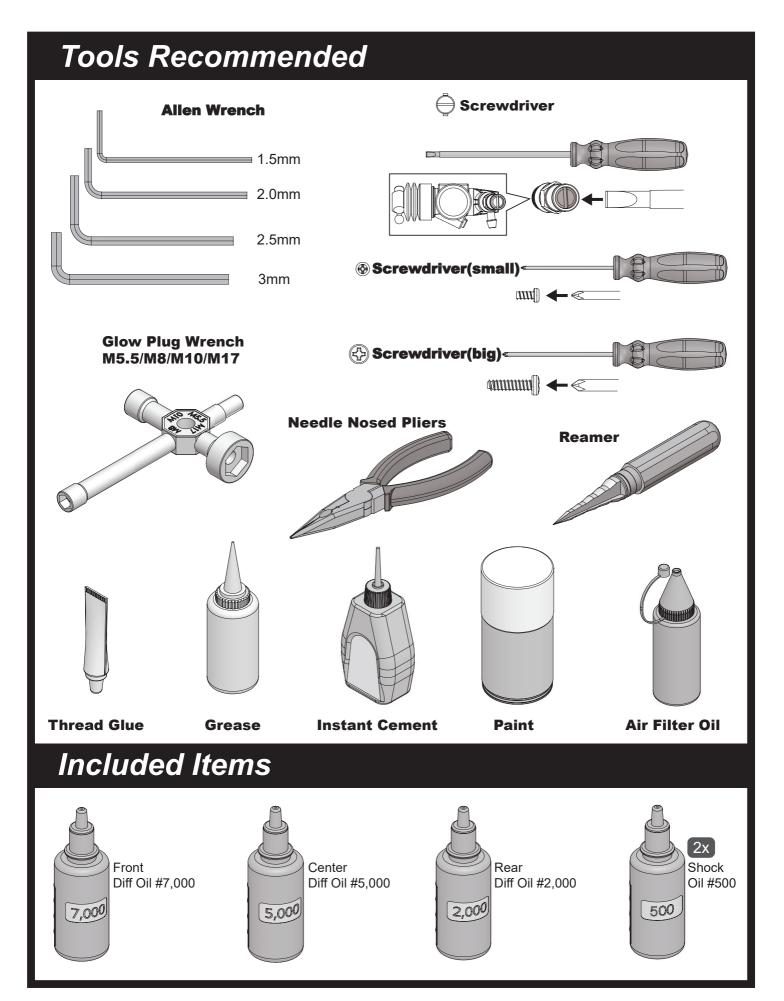
# **Equipment Needed**





Cautions

If you do not use a charger designed to charge Nickel Metal Hydride/LiPo batteries, The batteries will be damaged.

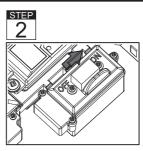


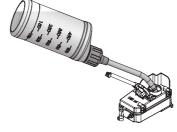
### Start the Engine

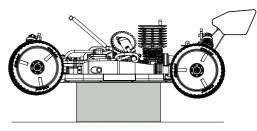


Before using the starter, make sure the batteries in your R/C car and transmitter are fully charged. Check the radio functions to make sure your R/C car is in proper working order.









Turn on Radio System

- 1.Switch on transmitter.
- 2.Switch on receiver.

Fill tank with high quality R/C car glow fuel.

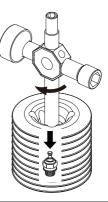
Keep the wheels off the ground during static break-in!

### Flooded Engine

- Turn the wrench counter-clockwise to remove the glow plug.
- Tilt the engine head away from face and turn the motor over using the starter.



Replace the glow plug and complete the starting steps without priming the engine.

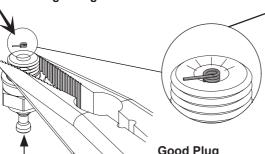


## Glow Plug

Glow Plug Igniter



Use a fully charged glow plug igniter to test the glow plug. Hold the glow plug with needle nose pliers and attach to the igniter. If the plug is good, the element will glow an orange or red color. If the element doesn't glow,or if it is damaged, you will need to replace the plug. The element will be very hot when glowing.



Pliers

**Good Plug** Element glows when tested.

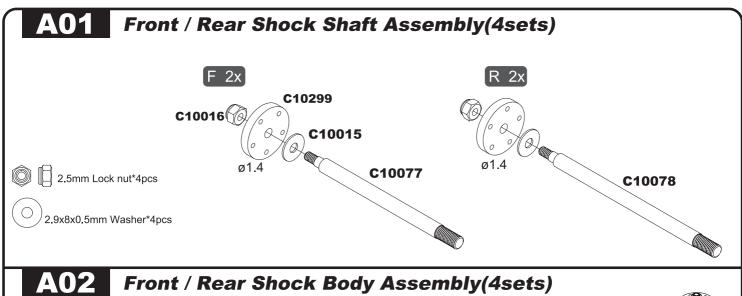


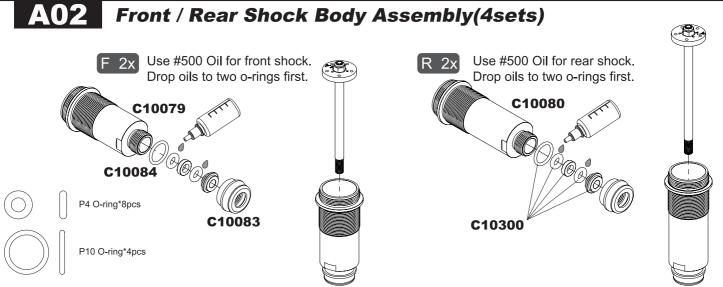
**Element** 

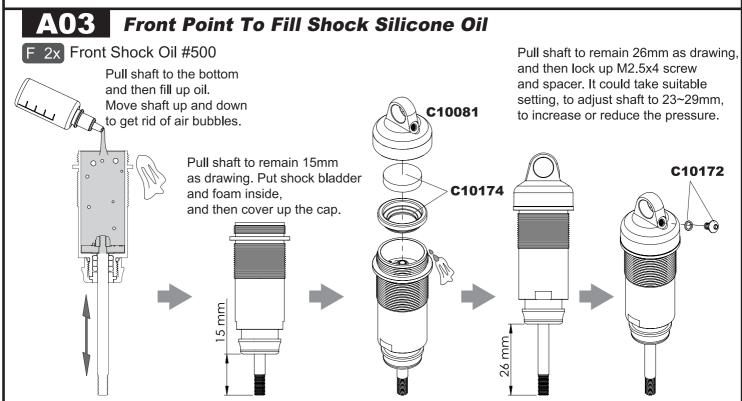
**Bad Plug** Element may be damaged or broken if it doesn't light up completely.

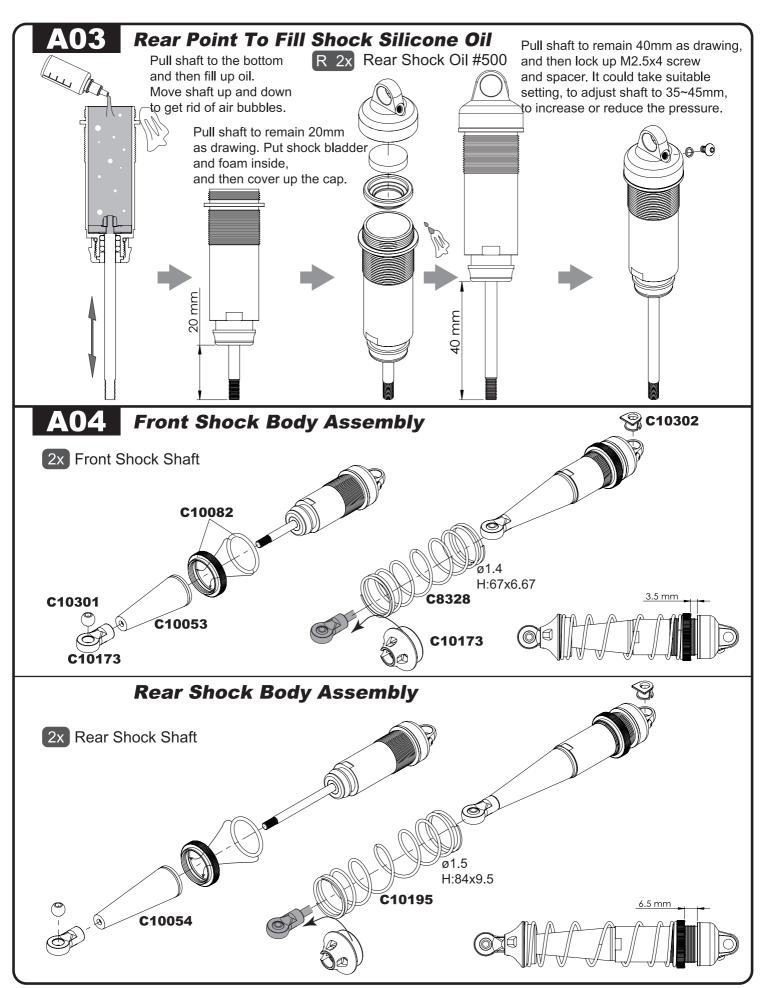


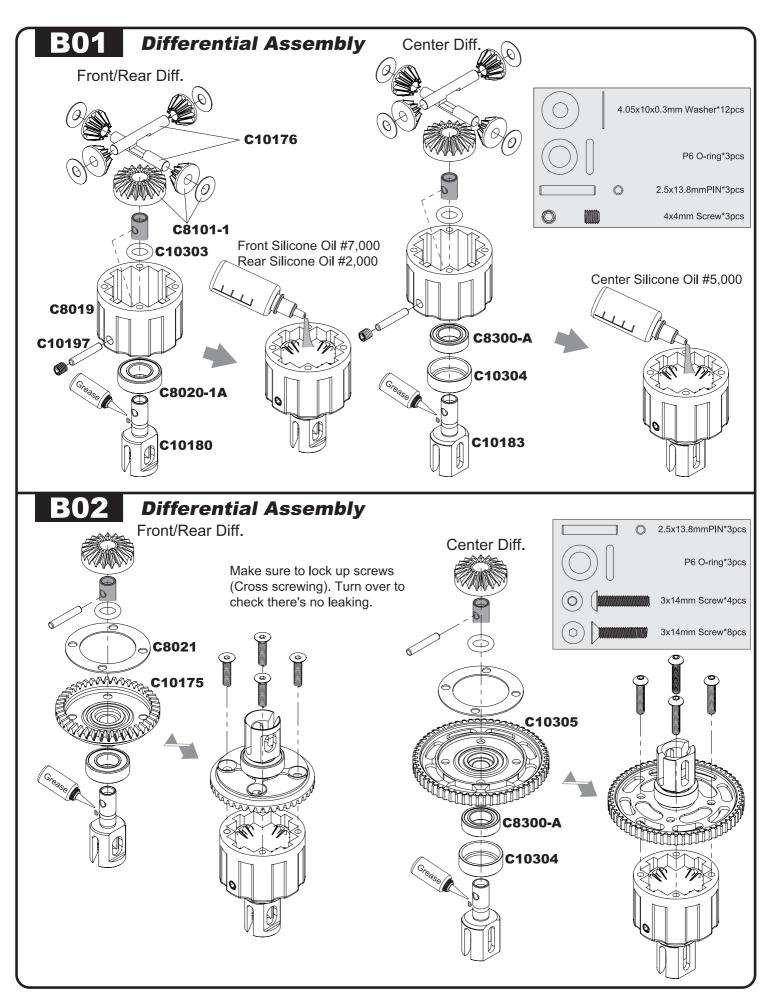
**Bad Plug** Element is broken or doesn't light up at all.

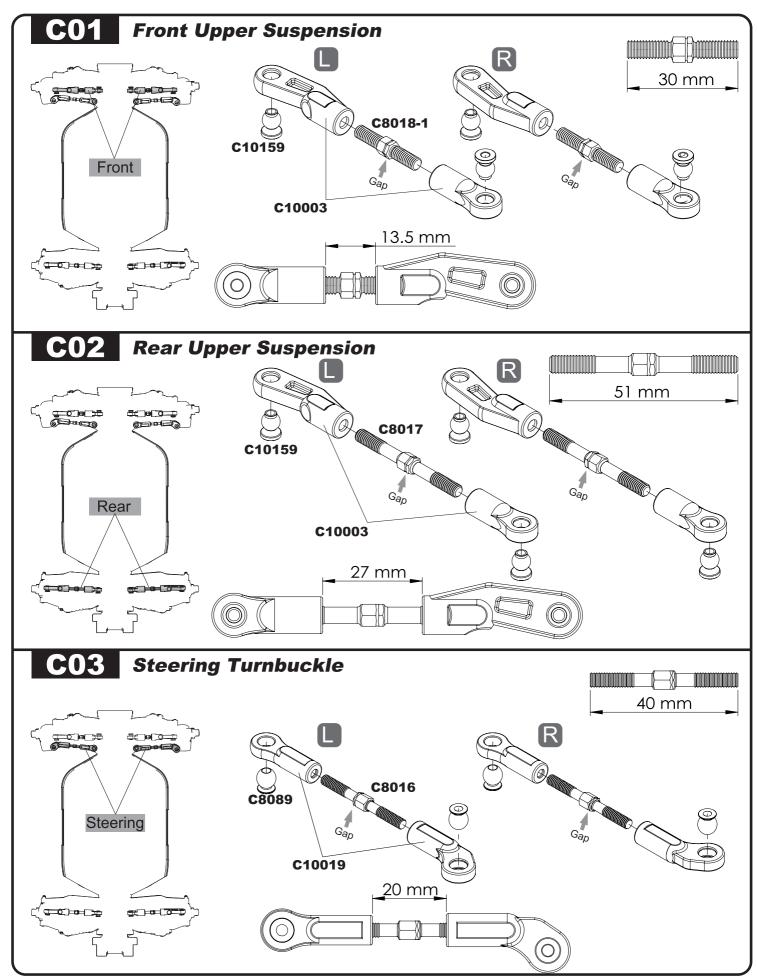


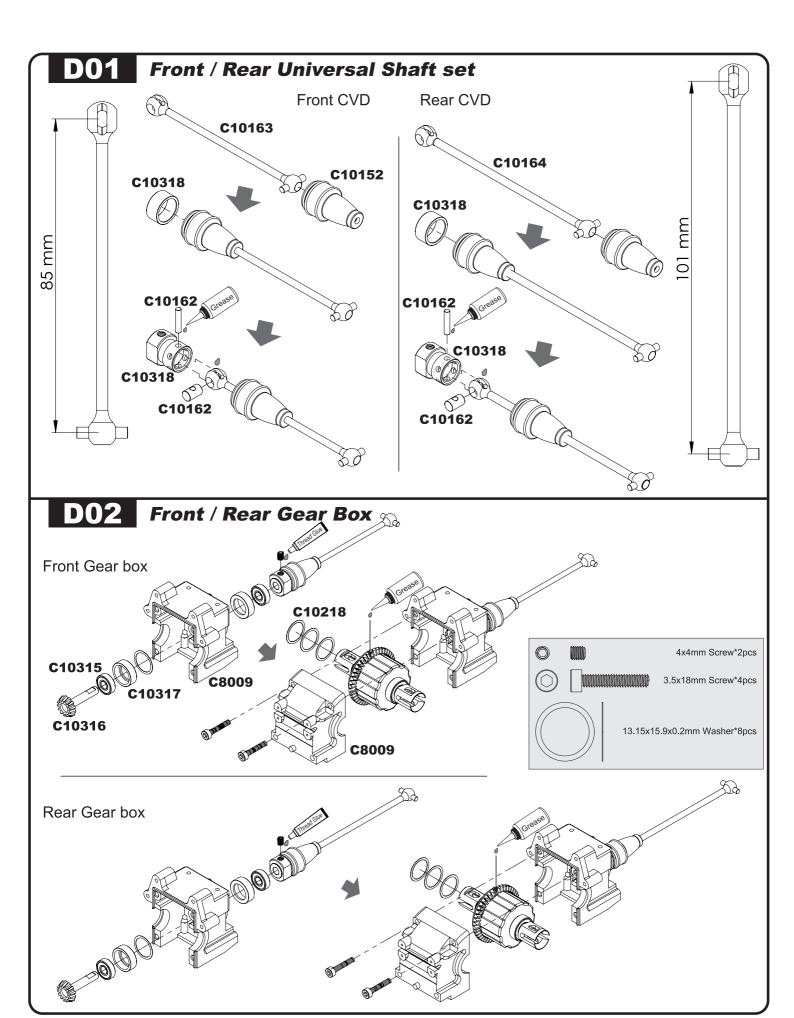


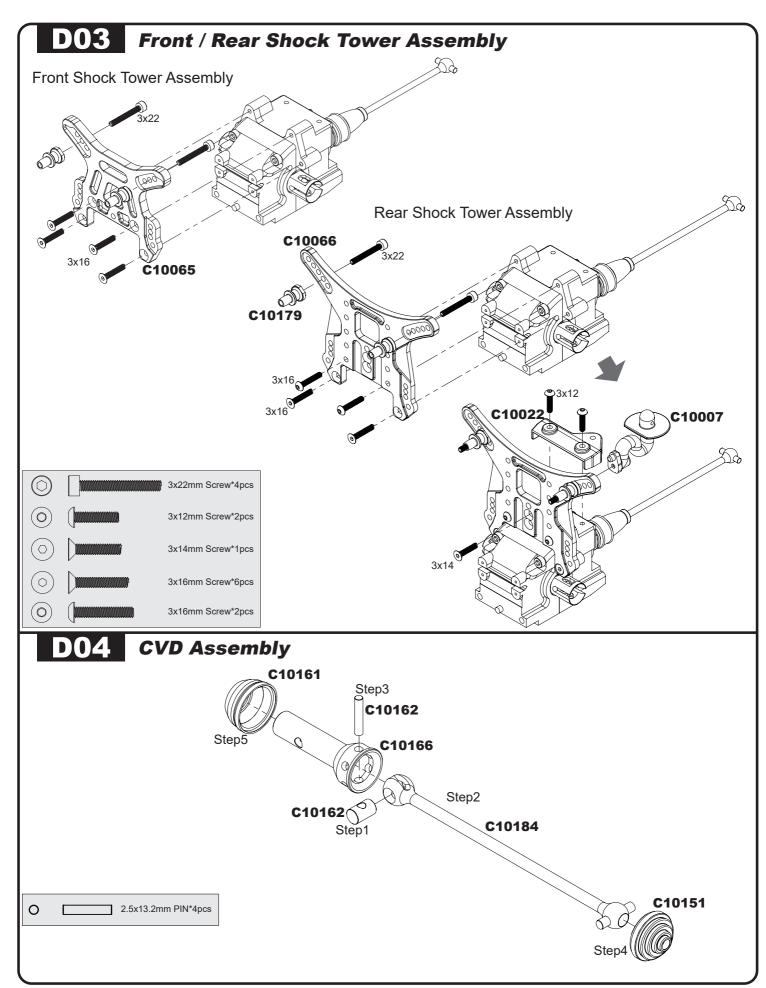


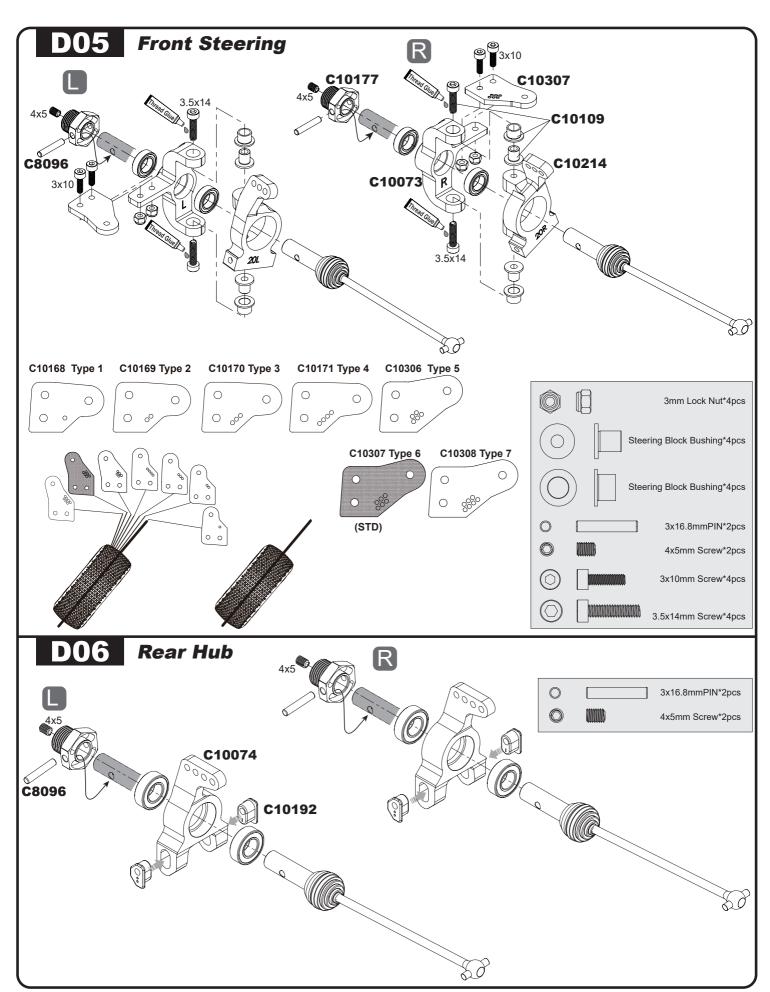


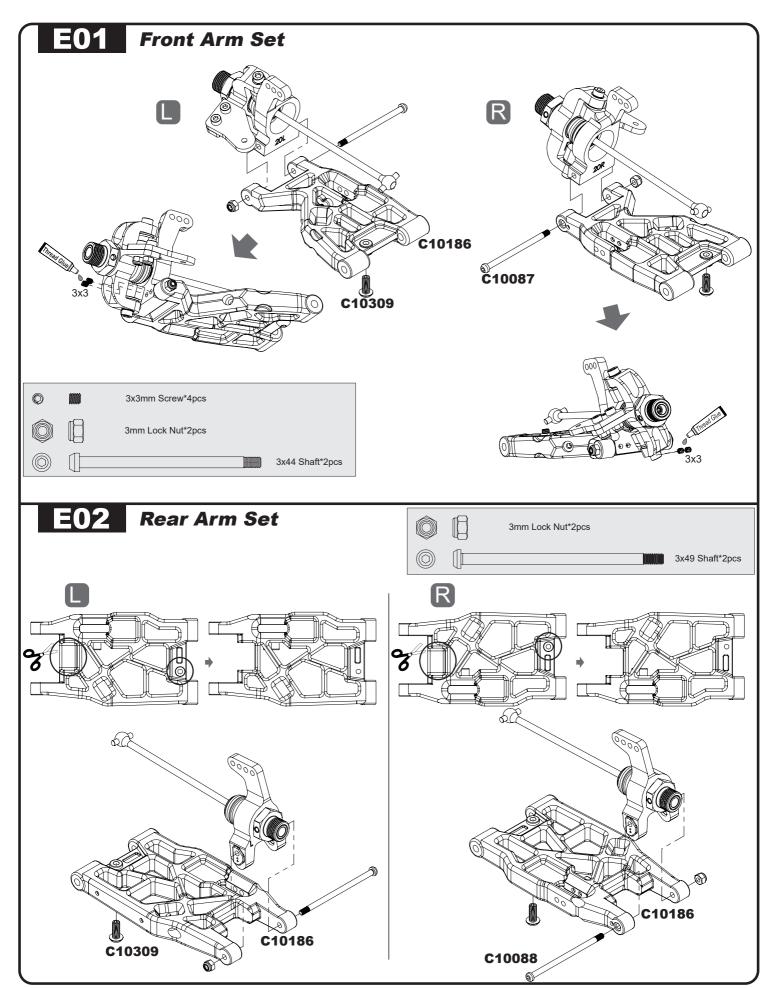


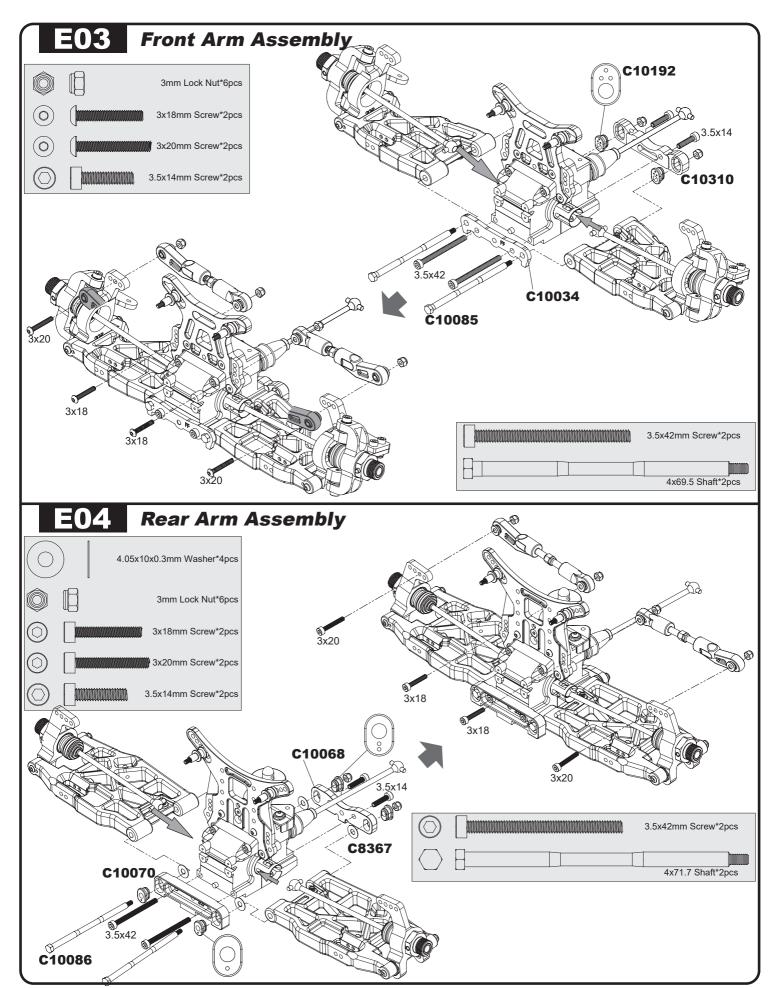


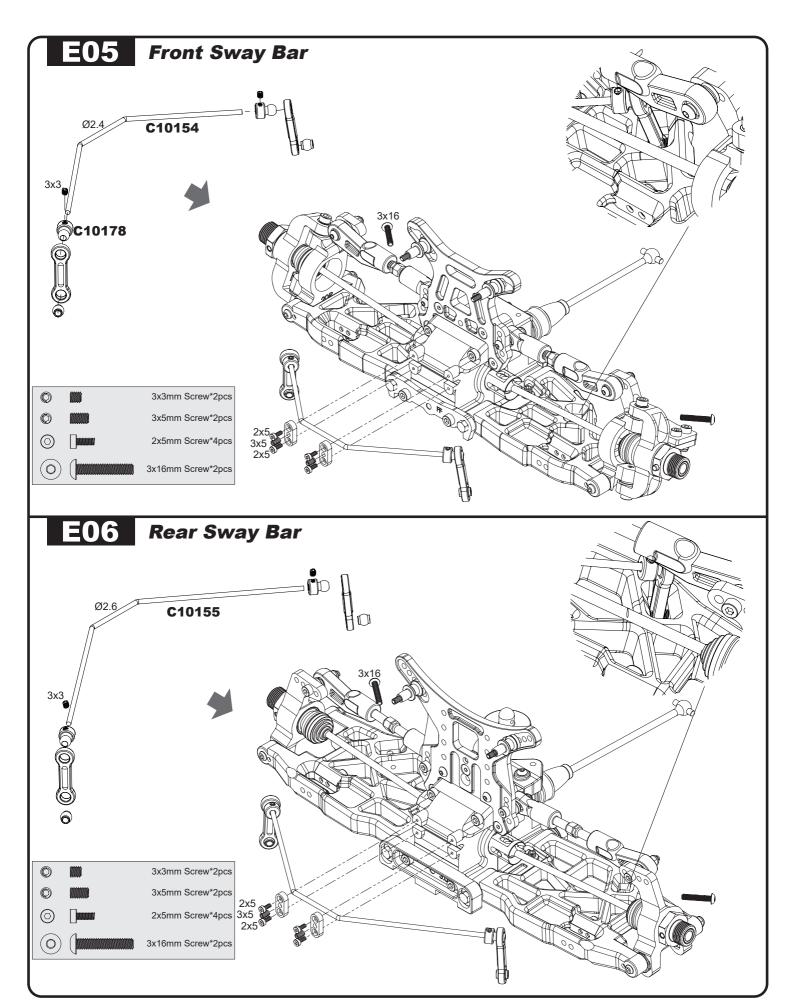


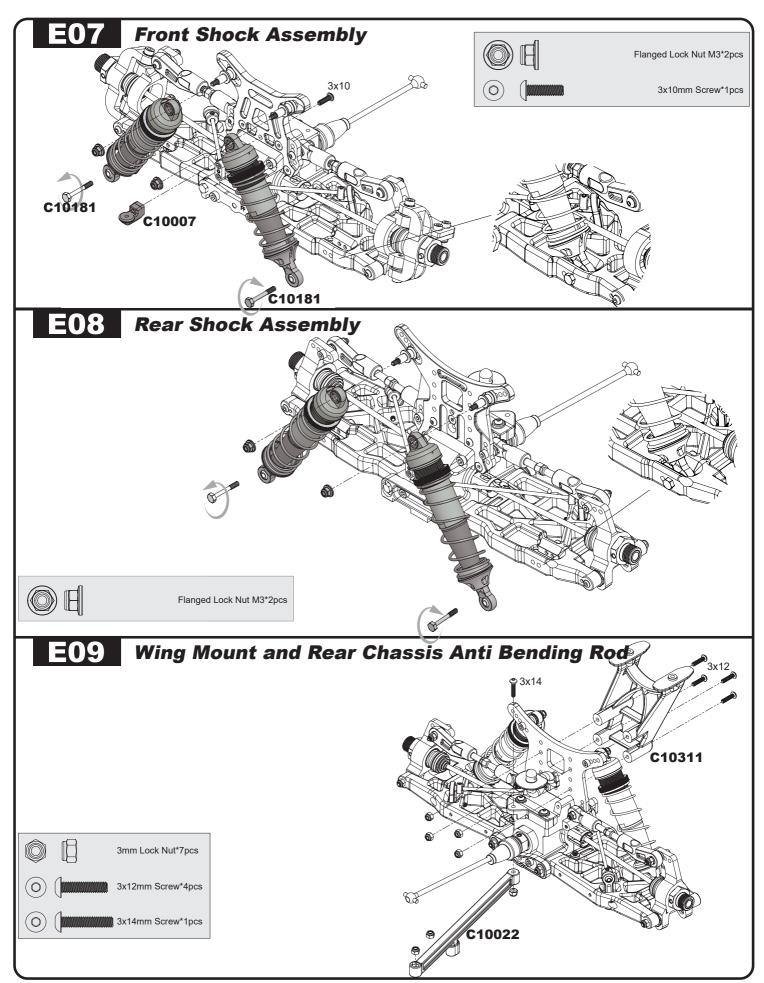


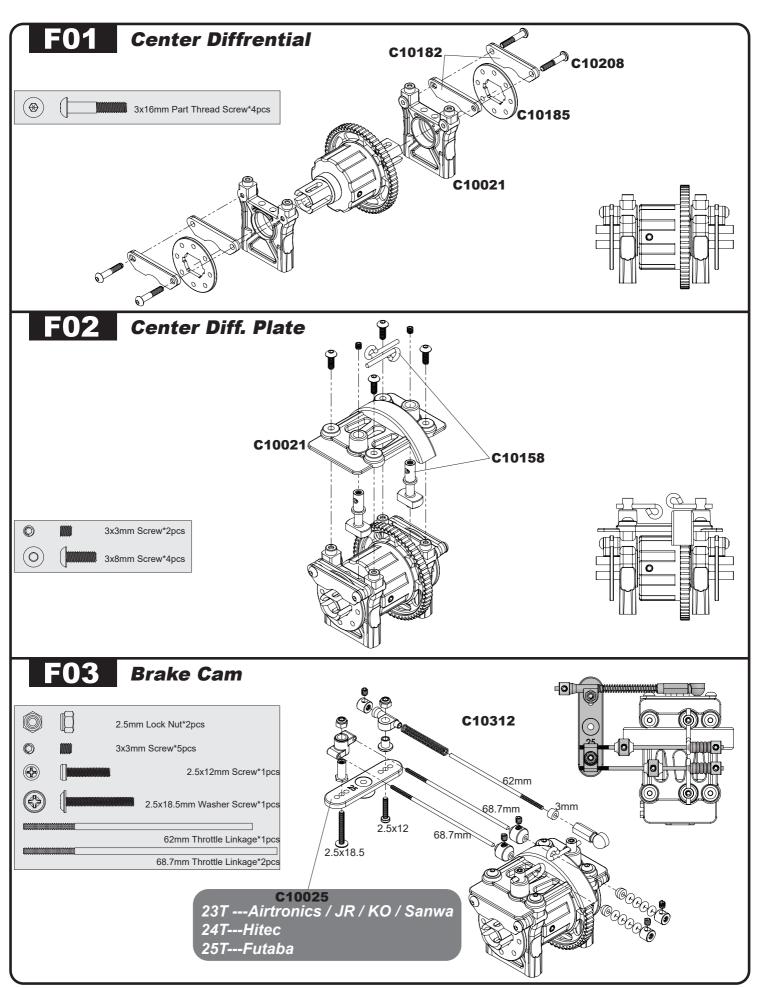


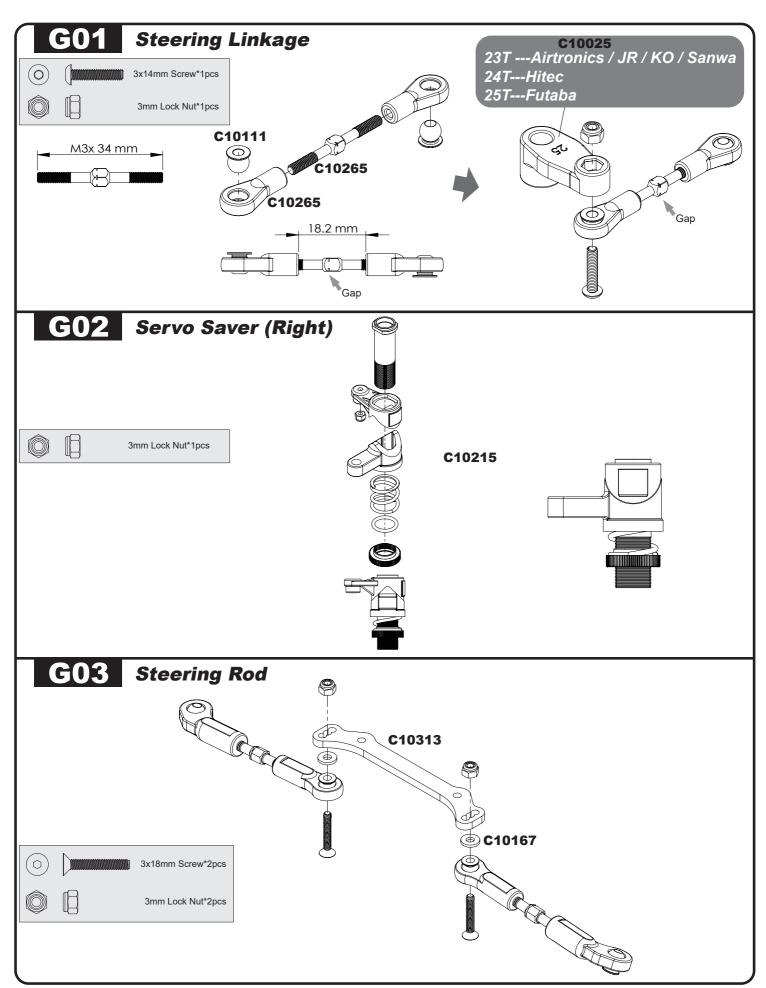


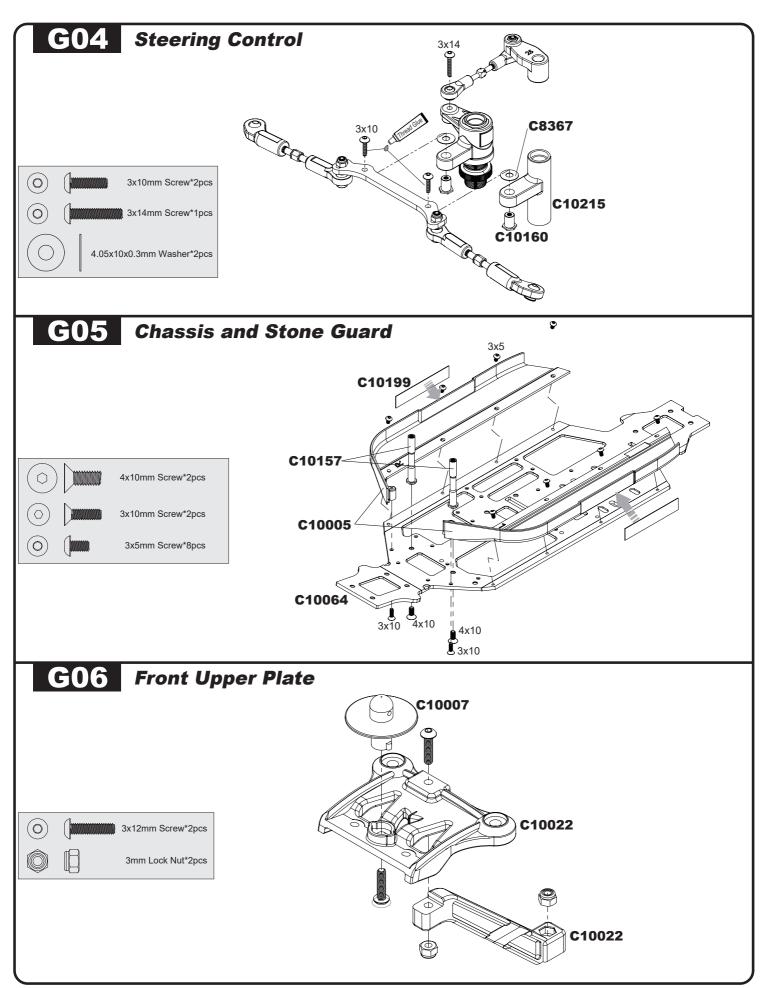


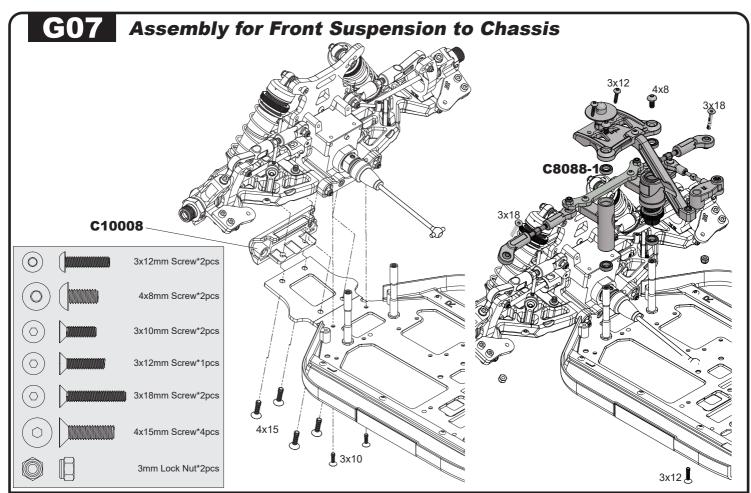












### G08 Assembly for Center Diff and Rear Suspension to Chassis

