

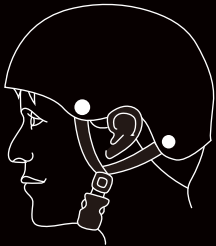
# **HOVER-1** **RAPTOR** HOVERBOARD ATTACHMENT



OPERATION MANUAL  
H1-RPT-BGY

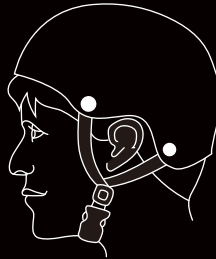
# HELMETS SAVE LIVES!

Always wear a properly fitted helmet that complies with CPSC or CE safety standards when you ride.



## **Correct Fit:**

Make sure your helmet covers your forehead.



## **Incorrect Fit:**

Forehead is exposed and vulnerable to serious injury.

# INTRODUCTION

This manual is designed to give you the information you need for the safe operation and maintenance of your new Raptor. Please read it thoroughly before riding your Raptor.



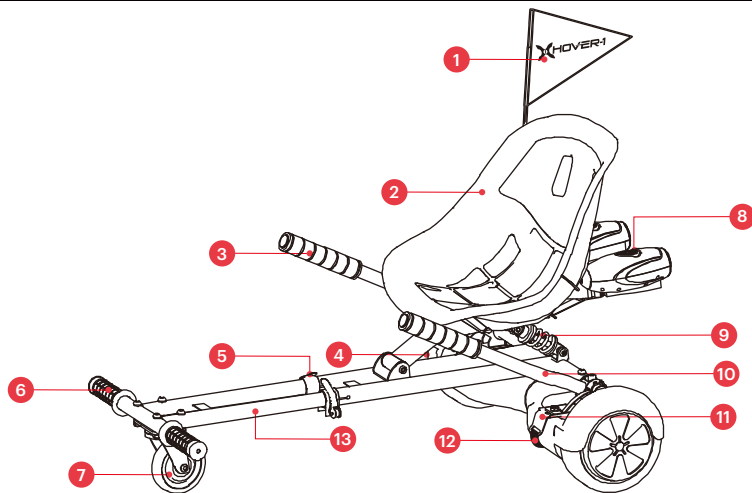
## WARNING

Make sure you read this complete manual before riding your Raptor. Even if you are an experienced rider, it is important that you read this manual to ensure your safety. Failure to read this manual or follow its guidelines could lead to serious injury or death.

Please visit  
[www.hover-1.com/troubleshoot](http://www.hover-1.com/troubleshoot)  
to request replacements for  
missing or defective parts

# RAPTOR DIAGRAM

1. Racing Flag
2. Bucket Seat
3. Handlebar (R)
4. Seat Frame
5. Lockers
6. Foot Rests
7. Caster Wheel
8. Fog Blaster & Mount
9. Dual Shocks
10. Handlebar (L)
11. Pedal Mounts
12. Adjustable Strap
13. Frame Extension


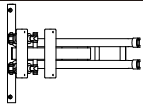
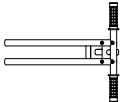
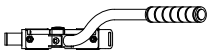





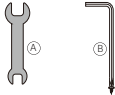


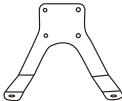





## SPECIFICATIONS

Compatibility:  
Max Supported Weight:  
Wheel Size:  
Seat Material:

Most 6.5" hoverboards  
Refer to your hoverboard's manual  
4" swivel caster wheel  
Polypropylene

# PARTS LIST

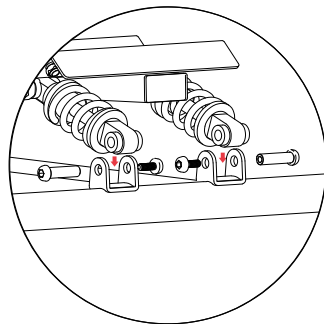
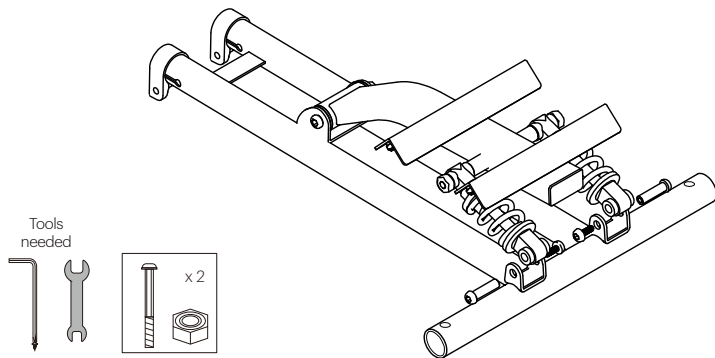
	(1) Seat
	(1) Seat Frame with Suspension
	(1) Front Frame
	(1) Left Handlebar
	(1) Right Handlebar
	(1) Fog Blaster (1) Charging Cable
	(4) Hook & Loop Straps with Rubber Protectors

	Tool Set: Ⓐ Wrench Ⓑ Hex Key and Screwdriver
	(2) Lockers
	(4) Mounting Screws
	(1) Fog Blaster Mount
	(4) M8 X 38 Screws
	(4) M6 X 16 Screws
	(4) 8 mm Nuts (4) 6 mm Nuts
	(1) Flag Set
	(1) Flag Holder

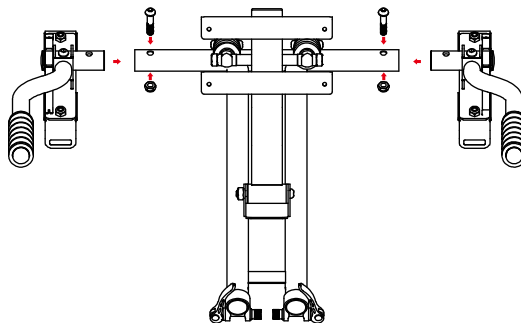
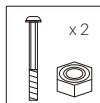
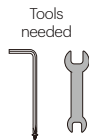
# ASSEMBLING YOUR RAPTOR

Remove all Raptor contents from the box. Ensure all contents from the “PARTS LIST” section are accounted for.

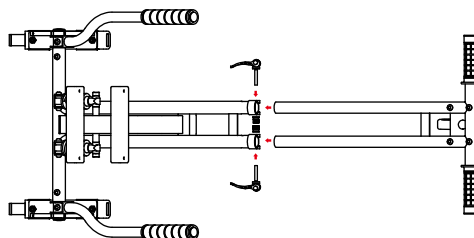
1. Locate the seat frame. Move the 2 suspension shocks into the u-shaped holders at the rear of the seat frame. You may need to twist the shocks to ensure the holes at the end of the shocks align with the holes of the u-shaped holders. Insert an M8 x 38 screw through each holder and cap each one with an 8 mm nut. Use the hex key and hex wrench to make sure the lug nuts are completely tightened to the screws.



2. Insert the left and right handlebar mounts into the seat frame as shown below. Align the holes of the handlebar mounts with the holes in the seat frame. Align the hole of the flag holder with the hole in the seat frame on either side. This will be where the flag is inserted later. Insert the 8 X 38 screws into the seat frame holes and attach the 8 mm nuts to the end of the screws by twisting them on clockwise. Hold the screws in place with the hex key and turn the nuts clockwise with the wrench to tighten them. Make sure the screws and nuts are tightly secured.

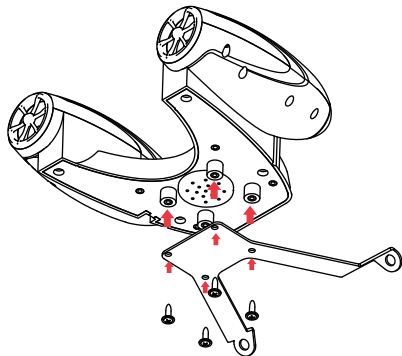
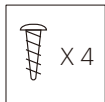


3. Insert the front frame into the seat frame. Adjust the front frame to your preferred length. Remove the black bolt and the first white washer from the end of each locker. Fully insert the screwed section of one locker into the seat frame holes. Add the white washer and black bolt back onto the locker once it is fully inserted and twist them on clockwise until they are tightly secured. Close the locker clamp tightly. Repeat these steps on the other side of the seat frame with the other locker.

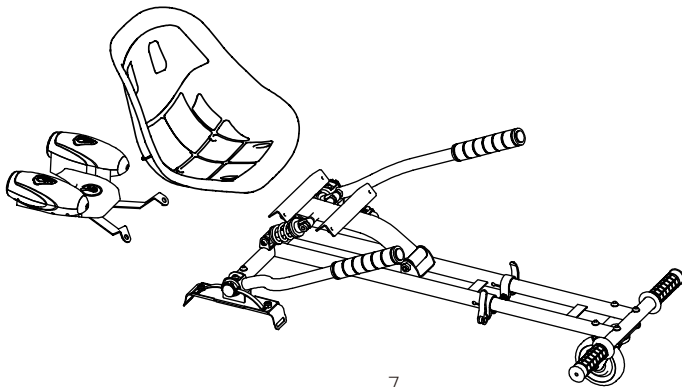


4. Attach the fog blaster to the fog blaster mount as shown below. Screw in the 4 mounting screws using the screwdriver at the end of the included hex key. Make sure the 2 larger holes of the fog blaster mount are facing forward.

Tools  
needed



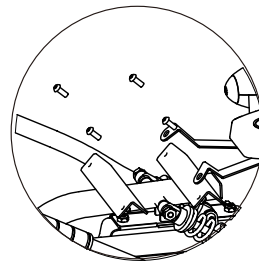
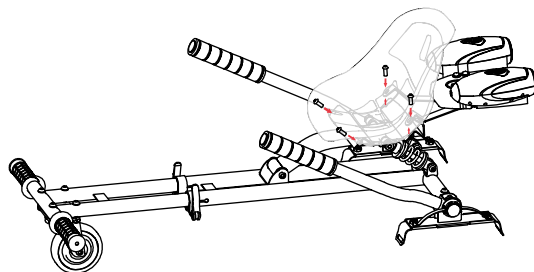
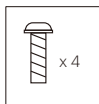
5. At this point in the assembly, you should have the fog blaster fixed on the mount, both handlebars fixed to the seat frame, the flag tube fixed to the seat frame, and the front frame should be interlocked with the seat frame.



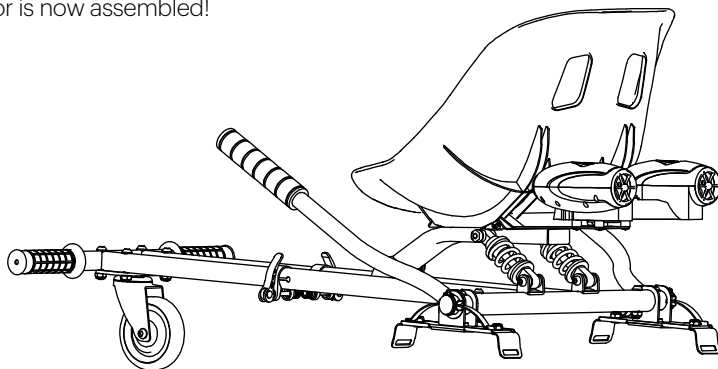


6. Align the holes of the bucket seat with the holes of the seat frame and fog blaster mount. Insert the M6 x 16 screws into the holes in the bucket seat and cap each screw with a 6 mm nut. Hold the screws in place with the hex key and turn the nuts clockwise with the wrench to tighten them until the bucket seat is secured.

Tools  
needed

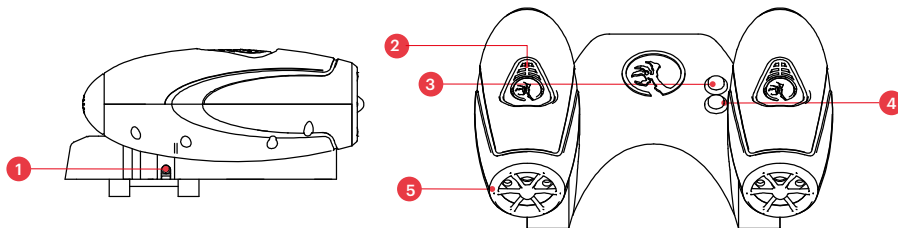


7. Your Raptor is now assembled!



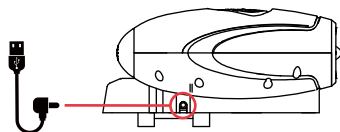
# FOG BLASTER DIAGRAM

1. Charging Port
2. Water Tank
3. Power Button
4. LED Lights & Sound Effects Button
5. Fog Vent & LED Lights

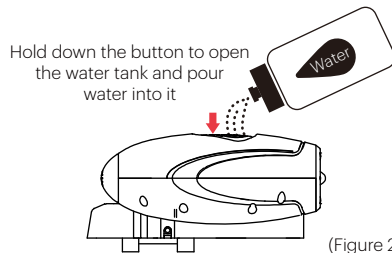


## USING & MAINTAINING YOUR FOG BLASTER

Before using the fog blaster, connect the included charging cable to the fog blaster's charging port and a USB outlet (Figure 1). A red light will appear on the fog blaster while charging. When the light turns off, your fog blaster is fully charged. A full charge may take up to 4 hours. Unplug the charging cable. Next, press and hold down the water tank buttons while pouring water into the water tank (Figure 2). Release the buttons when the tanks are filled. Do not overfill!



(Figure 1)



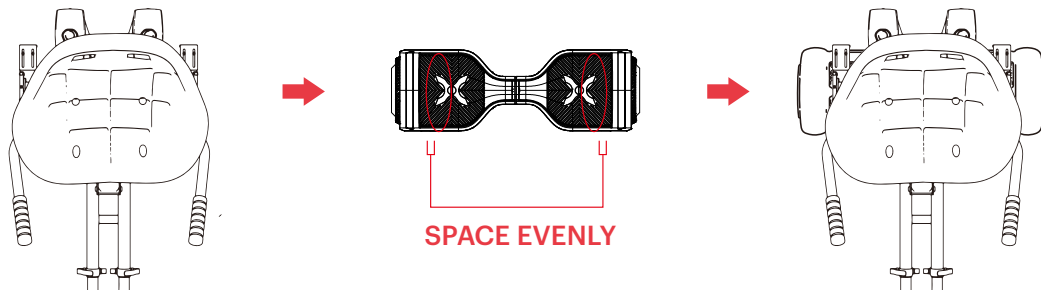
(Figure 2)

# ATTACHING THE RAPTOR TO YOUR HOVERBOARD

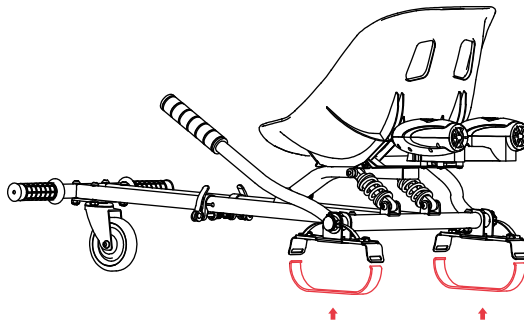
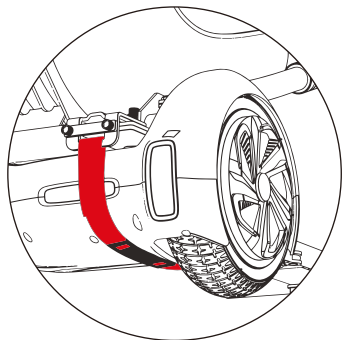
Carefully follow the instructions shown on the following pages to attach the Raptor to your hoverboard. Read this entire manual before riding your Raptor.

Your Raptor must be completely assembled before attaching it to your hoverboard. Please refer to the “ASSEMBLING YOUR RAPTOR” section of the manual for assembly instructions.

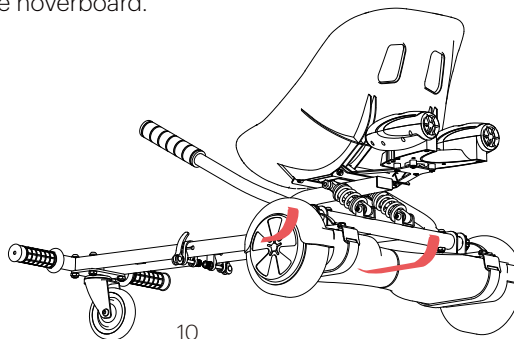
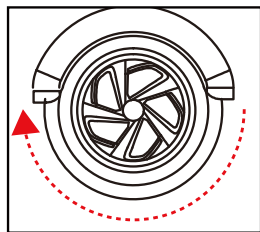
1. Place the handlebar mounts onto the foot pads of your hoverboard. Ensure the mounts are centered on the foot pads of your hoverboard as much as possible.



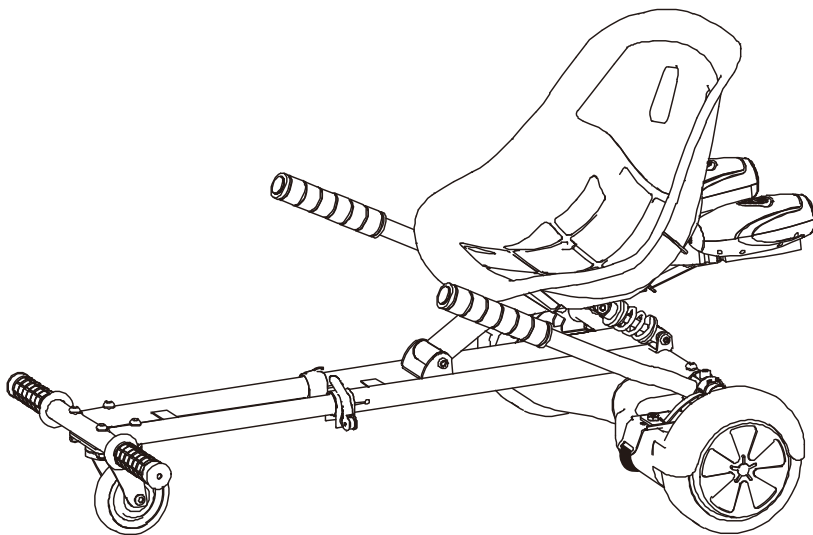
2. Secure the Raptor to your hoverboard using 2 of the included hook and loop straps. The other 2 straps included are spares. With the fastener side facing away from your hoverboard, thread the straps through the front hole of each handlebar mount.



3. Wrap both straps under your hoverboard and pull them through to the other side. Insert the straps into the rear hole of the handlebar mounts. Fasten the front and rear sides of the straps. The rubber protectors on the straps should be centered underneath the hoverboard, with side B (as shown in the diagram below) facing the ground. Make sure they are tightly secured to the hoverboard.



4. **WARNING:** Do not over-tighten the straps when you are attaching your Raptor to your hoverboard. Ensure that the Raptor is securely attached to the hoverboard.
5. Assemble the flag by inserting one of the included flag rods into the opening in the flag fabric. Attach the coupling tubes to the flag rods. Combine the remaining rods together by inserting them into each other at the coupling points. Insert the assembled flag set into the flag tube.
6. When fully assembled, your Raptor should look like the diagram below.



# BEFORE RIDING

## WARNING

Any hoverboard that does not work properly can cause you to lose control and fall. Inspect the entire device thoroughly before every ride, and do not ride it until any problems have been corrected.

### **RAPTOR OPERATION**

It is important that you fully understand all the functions of your Raptor. If these functions are not used correctly, you will not have full control of your Raptor.

Practice using the Raptor at slower speeds in a flat, open area before riding the Raptor in other spaces.

## WARNING

Do not ride a Raptor with a part that is damaged. Replace the damaged part before riding.

## **PRE-RIDE RAPTOR CHECKLIST**

Ensure that your Raptor and hoverboard are in proper working order each time you ride. If a part of the Raptor does not function correctly, please contact our Customer Support Center.

- Ensure the battery of your hoverboard is fully charged before riding your Raptor.
- Ensure that the screws and nuts on the Raptor are tightly secured before each ride.
- Check to ensure the tires of your hoverboard are not worn.
- Check to ensure all connections are maintained on your hoverboard.
- Make sure your hoverboard is calibrated and running properly.

# SAFETY PRECAUTIONS

The first rule of safe riding is to use common sense. The Raptor cannot protect you in a crash, against impact, or from loss of control the way a car can. The Raptor can tip over sideways or pitch you over the front wheel if you don't ride it properly. Please read the following safety precautions to operate your Raptor safely.

Different localities and countries have different laws governing riding on public roads, and you should check with local officials to ensure you are complying with these laws.

Hover-1 is not liable for tickets or violations given to riders who do not follow these regulations.

- For your safety, always wear a helmet that meets CPSC or CE safety standards. In the event of an accident, a helmet can protect you from serious injury and in some cases, even death.
- Obey all local laws, stop signs, pedestrian crosswalks, etc.
- If you are riding with other riders, maintain a safe distance between each other to avoid collisions.
- Ride defensively; expect the unexpected.
- Give pedestrians the right-of-way.
- Do not ride too close to pedestrians. Alert them if you intend to pass them from behind.
- Slow down at all street intersections and look to the left and right before crossing.
- Obey all traffic signals.



- Always use proper hand signals for turning and stopping. Give signals 100 ft before stopping or turning and always return both hands to the handlebars before stopping or turning.
- Watch for cars when pulling into traffic and watch for the sudden opening of car doors.
- Avoid potholes, drainage grates, or other hazards.
- Be careful when riding on soft road edges, gravel, sand and uneven surfaces. Ride slowly and avoid quick turns when riding on these surfaces.
- Never hitch onto other vehicles.
- Do not attempt any stunts or tricks with the Raptor. Do not race in traffic.
- Do not weave in and out of traffic or swerve from side to side.
- A crash can put extraordinary stress on Raptor's components, possibly causing them to fatigue prematurely. Components suffering from stress fatigue can fail suddenly, causing loss of control or serious injury.

### **CAUTION: RIDING IN WET WEATHER**

It is recommended that you do not ride your Raptor in wet weather, as the electronic components of the hoverboard may be damaged if exposed to water. Stopping distances can be longer in wet conditions than in dry conditions.

1. This product is strictly forbidden to be used on roads and highways unless your local laws state otherwise. You must wear a safety helmet, knee and elbow pads, and other necessary protective gear when riding your Raptor.
2. Due to the nature of this product, the assembly pieces should be checked before every ride to avoid an accident while riding.
3. Do not make a sharp turns, as you may drift and overturn the Raptor, which can result in injury to yourself and/or damage the unit.
4. Do not operate near swimming pools or other bodies of water.



## **WARNING**

To reduce the risk of injury, adult supervision is required. Never use in roadways, near motor vehicles, on or near steep inclines or steps, near swimming pools, or other bodies of water. Always wear shoes, and never allow more than one rider at a time.

## RIDING YOUR RAPTOR

Ensure your Raptor is fully assembled and correctly attached to your hoverboard with all straps, screws, and nuts secured in place. Ensure your hoverboard is properly maintained as well. Failure to do so may result in damage to the unit, serious bodily harm, or death.

After reviewing the pre-ride checklist, follow the steps below to begin riding your Raptor.

1. Turn on your hoverboard.
2. Sit comfortably in the Raptor seat.
2. Place your feet on the foot rests.
3. Firmly grip both handlebars and slowly push them downward simultaneously to move forward.
4. When riding, pull both handlebars upwards simultaneously to brake.
5. To ride in reverse, stop the hoverboard, then slowly pull both handlebars upwards simultaneously.
6. To turn left, push the right handlebar down and pull the left handlebar up.
7. To turn right, push the left handlebar down and pull the right handlebar up.

# WARRANTY

For warranty information, please visit us at [www.hover-1.com](http://www.hover-1.com)

Manufacturer: DGL Group, Ltd.  
2045 Lincoln Highway, Edison, NJ 08817



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