

## **Blade 150cc Go-Kart Assembly Instructions**



**The box should appear as shown in these pictures. Cut the straps. The entire top portion of the box should lift off leaving behind the contents on the box's foundation.**



**Carefully cut all the packing wires and remove any items that are not attached to the frame and carefully place them aside.**



**Locate the small box as shown in this picture and open it.  
This small box contains important assembly components.**



**Contents:** The owner's manual and a small tool kit to give to the customer, a small white box containing the battery components, a rear view mirror and installation nuts, black rubber wheel caps, a black battery cover and metal braces, nuts and bolts for the fender assembly, and the vinyl covers to be placed on the roll bar later in this process.

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Open the small white box as shown and ready the battery as per the instructions provided with it. Charge the battery.



Raise the rear of the frame using a forklift or a jack until the engine compartment swings down a bit. Do not lift the black engine compartment frame portion because the pivot point is where it connects to the kart's main frame.

The engine compartment should swing down just enough to allow the rear shocks to be attached.



The bottom of the shock should already be attached to the frame.



**Remove the bolt from the top shock mount bracket. Install and tighten the top of the shock into place. Repeat on the other side.**



**With the front of the kart's frame lifted, install the front struts. Start by positioning the strut's bottom attachment bolt. The square shaped portion should line up with the frame attachment point's square opening by bending and/or twisting it.**



**Place the square holed washer into the rubber boot. Place the washer and rubber boot onto the strut attachment bolt.**

**Insert the bolt vertically into the strut's attachment point and match up the square components. Tighten the nut while making sure the square components line up.**



**Insert a cotter pin in the hole on the end of the strut attachment bolt after securing the strut into place. Repeat this process on the other side.**



**Locate the steering rod and the steering rod attachment hole on the top of the strut.**



**Place the bolt into the hole and tighten the nut. Insert a cotter pin into the hole at the bottom of the steering rod attachment bolt. Repeat for the other side.**



**On the side of the tire, locate an arrow. This arrow indicates the direction the tire is designed to turn. Mount all four tires accordingly. Lower the kart onto the tires.**



**Locate the steering column and remove the bolts. With the wheels straight forward, set the steering wheel onto the steering column.**



The steering wheel spokes should extrude toward the driver with the middle spoke pointing down. Bolt it into place. Install the aesthetic cup found in the small box earlier.



Locate the rack and carefully cut the plastic packaging ties off.



Remove the bolts from the connecting arms of the rack. Position the black plastic boot correctly for a snug fit on the frame. Mount the rack over the engine while leaving the bolts slightly loose temporarily.



Now connect the side support beams at an angle and then tighten all six bolts.





**Locate the electrical compartment on the left front of the engine compartment and a connection for the brake light should be dangling out of it. (If not, it is inside and the top must be removed to get it.) Once the brake light connection is located, plug them together. Run the brake light wire into the wire holders underneath the rack's center for aesthetic value.**



**Run the brake light wire into the wire holders underneath the rack's center for aesthetic value.**



**Locate the snorkel and loosen the bracket. Remove the top of the snorkel. Locate the loop that secures the snorkel on the rack. Run the snorkel through, replace the top, and tighten the bracket.**



**Locate the gas line connection on the back left of the carburetor and connect the rubber hose that comes from the gas tank and has the fuel filter in the middle of the hose.**



The other rubber hose coming from the gas tank connects to a T shaped connection.



Before installing the seats, remove this unused wire brace because it gets in the way otherwise.



Remove the parking brake assembly from the bracket and place it to the side. (Replace it after the passenger seat is installed.)



The seat adjustment lever is underneath the seat near the front. Use this to extend the sliding braces as far towards



the rear of the seat as possible while still being able to lock down the seat adjustment mechanism. Remove the nuts and bolts from the sliding braces underneath the seat.



On the left are the silhouettes of two seat mounting components located on the bottom front of the seat with the V shaped portion facing the rear. Receiving brackets are located center frame cross member.



*(If a forklift is available, raise the kart to a comfortable height to ease installation of the seats.)*

Place the seat into the kart. The side pads of the seats should be on the outsides. The seats sliding mounts (top right) should already be prepared as instructed above. Insert the seats V shaped mounting components (2<sup>nd</sup> row left) into the receiving brackets (2<sup>nd</sup> row right).



The first bolt should be placed on the same side as the seat adjustment handle (top left) into the sliding brace and frame anchor point (left). Thread the nut on loosely to facilitate adjustments while doing the other side. Tighten them both



down after correctly installing the seat.



The roll bars consist of several pieces. There are two large pieces (left). Start with one of these and then the other before assembling the other roll bar components. Use



the bolt-washer-nut setup on the right for each connection point.

*(Attention: Leave the bolt-washer-nuts slightly loose until all of the roll bars components have been properly placed then tighten them.)*



The portion at the lower end of the long slope of the large roll bar component connects to the frame near the head light (left). Cut away foam padding around the holes on the roll bar if desired. The vinyl roll bar covers will be installed later which hide any imperfections in the padding.



The other end of the longest roll bar component connects just above the rear shock behind the seat (the connection point described above is located in the top right in the picture on the left).



Repeat these steps for the other longest one.



Install the H shaped roll bar component (left) as shown in the picture to the right. Locate the bolt holes by touch. Feel for them and then cut away the padding from that area or poke a hole through.



The L shaped roll bar components shown in the picture on the left should be placed as shown in the picture to the right. The last



straight piece goes behind the seats and above the gas tank.

*(Don't forget: Tighten all nuts and bolts on the roll bars.)*

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The top most seat belt connections should be threaded through the holes at the top of the seats.



As shown in the picture to the left, the top most seat belt connection bracket is just below the seat's holes and on the frame behind the seats. Connect and tighten well.



The center seat belt connector should come through the space between the seats. The center seat belt connection bracket is underneath the seats on the frame's center cross member.



Both outside seat belt connectors thread through the frame and connect on the frame just behind the seats (right).





Using this picture, the location of any piece can be identified. Install these vinyl covers onto the roll bars. Just wrap it around and secure the Velcro. The big rectangular piece is the sun shade and should be installed last with the lace by wrapping it around the bars and through the holes.



On the left is a picture of the fender components. Assemble these using the nuts and bolts in the small box. The bigger sized ones go on the front side of the back tires. The back fender connects here (right/below).



The front fenders go behind the front tires. On the right, the fender connection point is in the



center of the picture. The bolts are found in the small box.

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**Install the rear view mirror as shown on the left.**



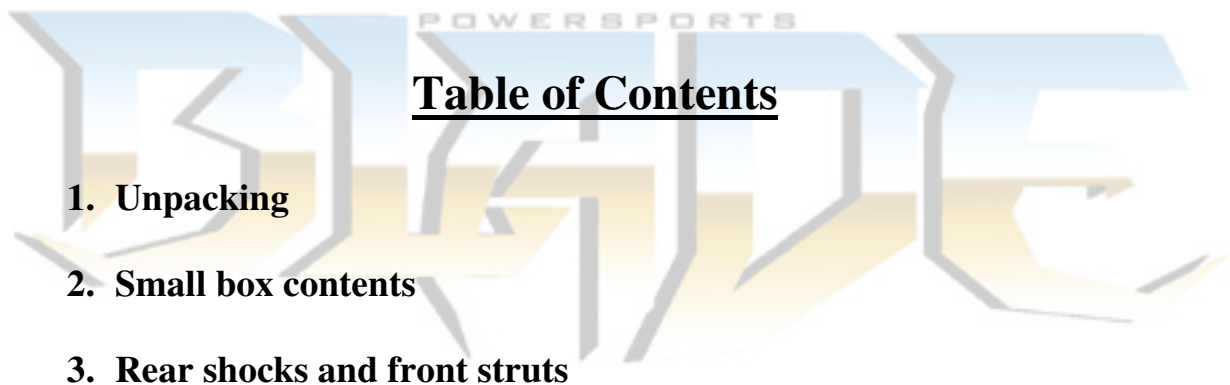
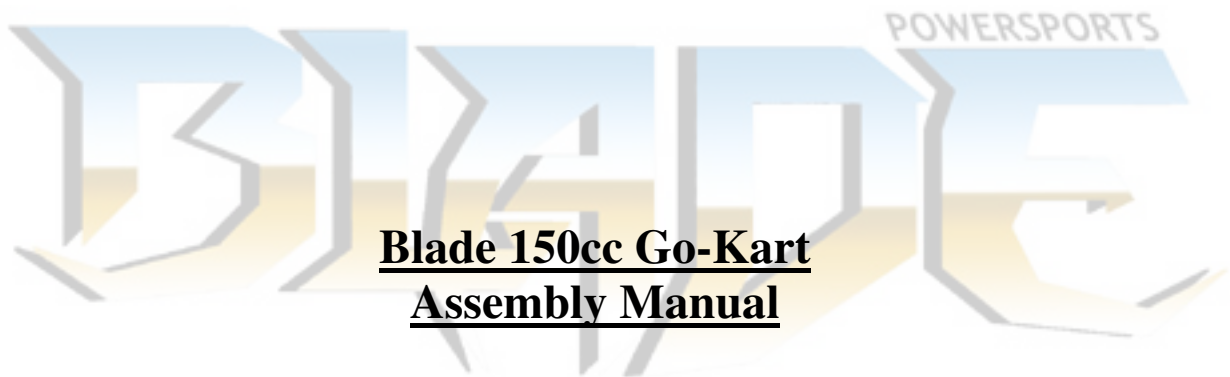
**Place the rubber wheel cups on the wheels.**



**Place the charged battery (left) with the rubber padding (right) underneath and hook up the wires. The metal brace (left) goes over the top with the hooks down (right).**



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- 1. Unpacking**
- 2. Small box contents**
- 3. Rear shocks and front struts**

**4. Tires and wheels**

**5. Steering wheel**

**6. Rack and snorkel**

**7. Fuel lines**

**8. Seats**

**9. Roll bar**

**10. Seat belts**

**11. Roll bar cover and fenders**

**12. Rear view mirror**

