

BMS ATV Assembly Instructions



Step 1:

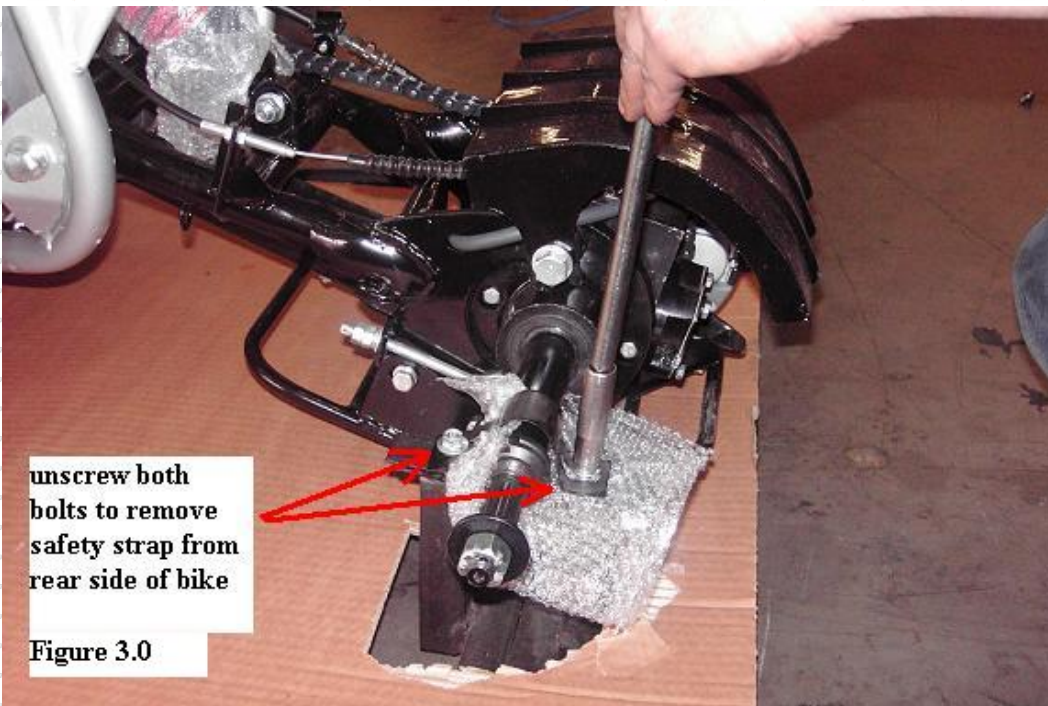
Uncrating the ATV. Remove the outer box, and outer frame. Organize all your parts for assembly



Figure 1.0

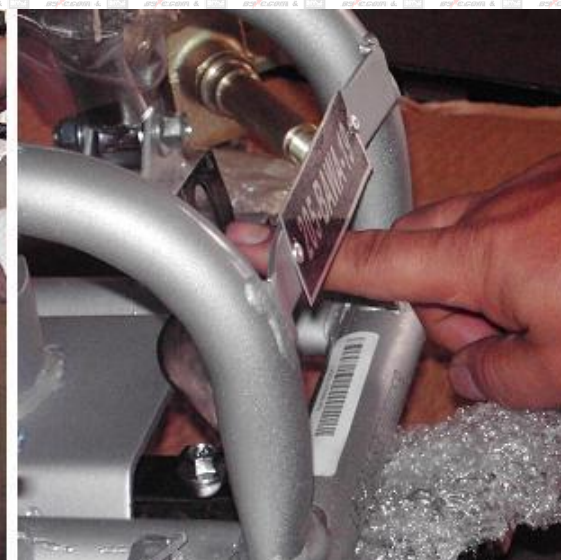
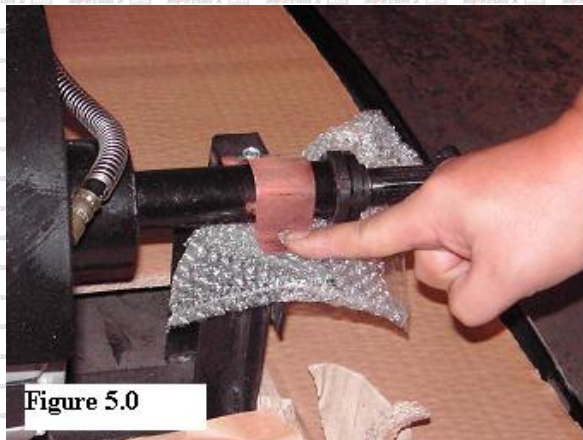
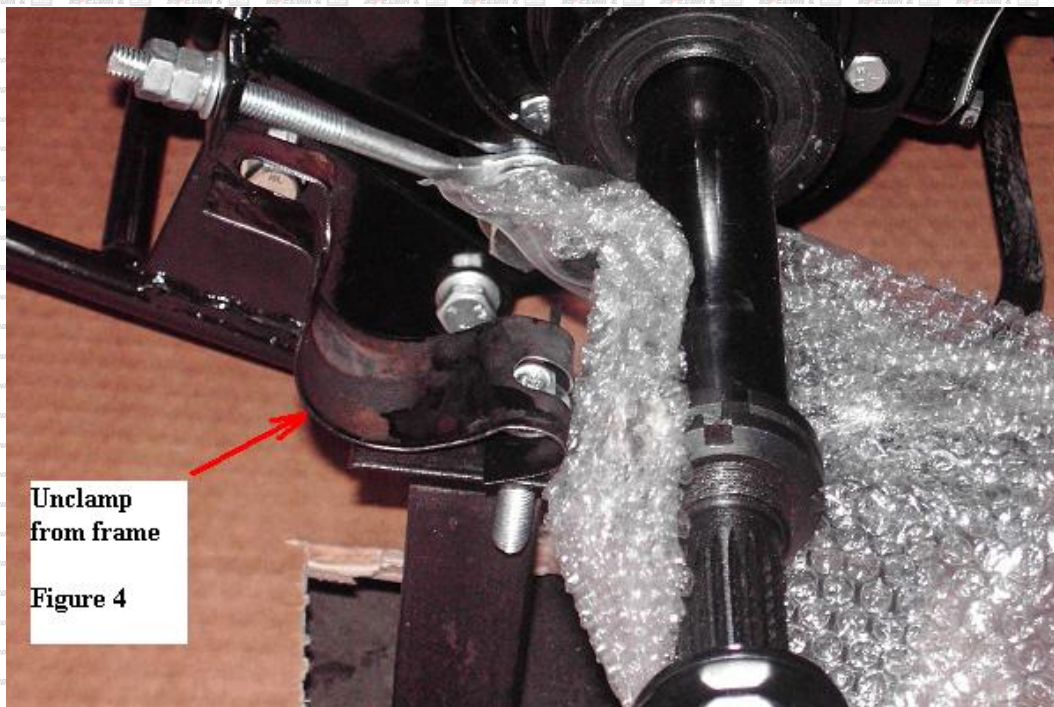


Figure 1.1

Step 2:**Remove the bolts that hold the bike frame to the crate, from both the front & back****Figure 2.0**

unscrew both
bolts to remove
safety strap from
rear side of bike

Figure 3.0



Step 3: Remove four bolts, and mount the front grill bumper

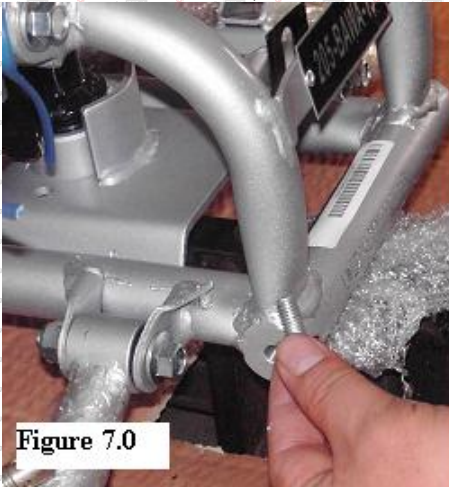


Figure 7.0



Step 4: Secure the grill bumper with the screws and tighten

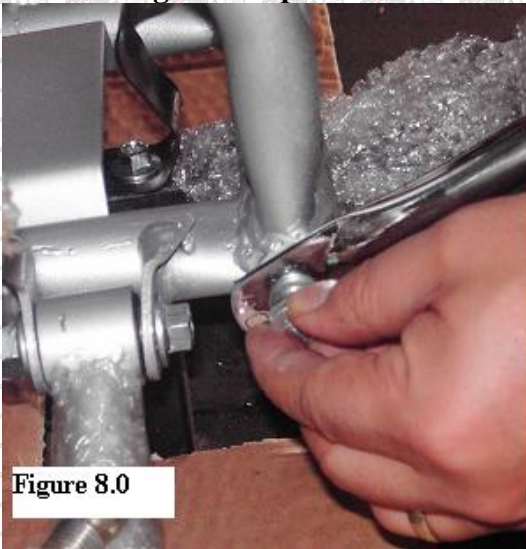


Figure 8.0



Step 5:**Remove bolts from the back of the bike. Mount rear grill bumper with rear lights****Step 6:****Secure the rear grill bumper and tighten screws. DO NOT tighten right-side screws until you finish step 7.**

Step 7:

Mount muffler in place, and then tighten screws for rear bumper, which also holds the muffler in place.

**Figure 11.0****Step 8:**

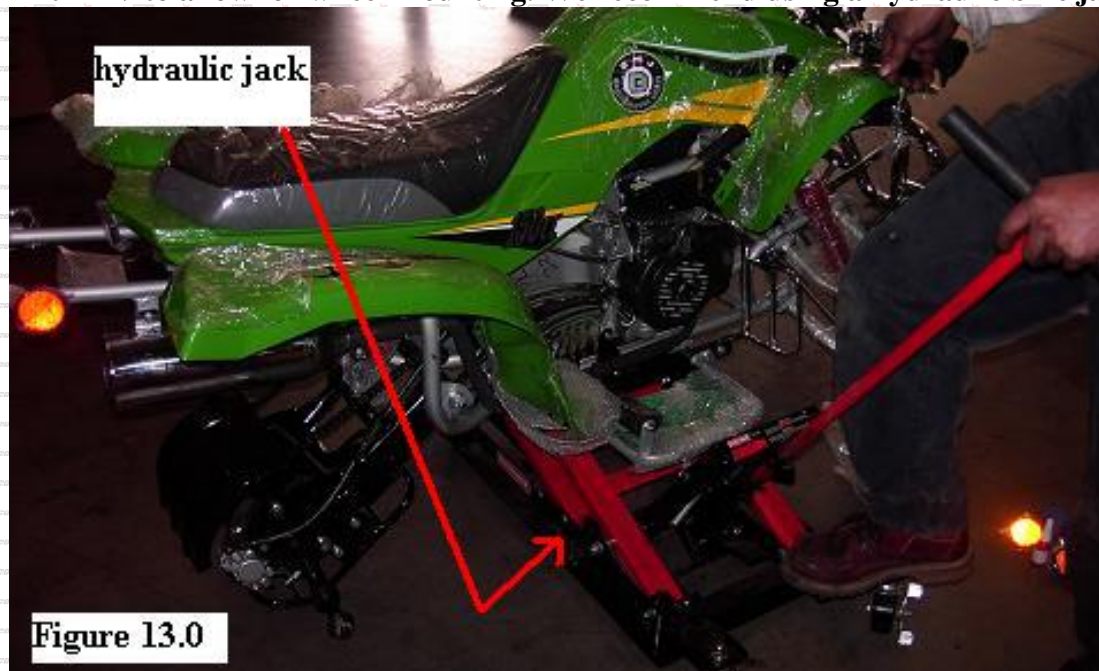
Connect rear lights

**Rear light connector****Figure 12.0**

Mounting Wheels

Step 9:

Lift ATV to allow for wheel mounting. We recommend using a hydraulic bike jack



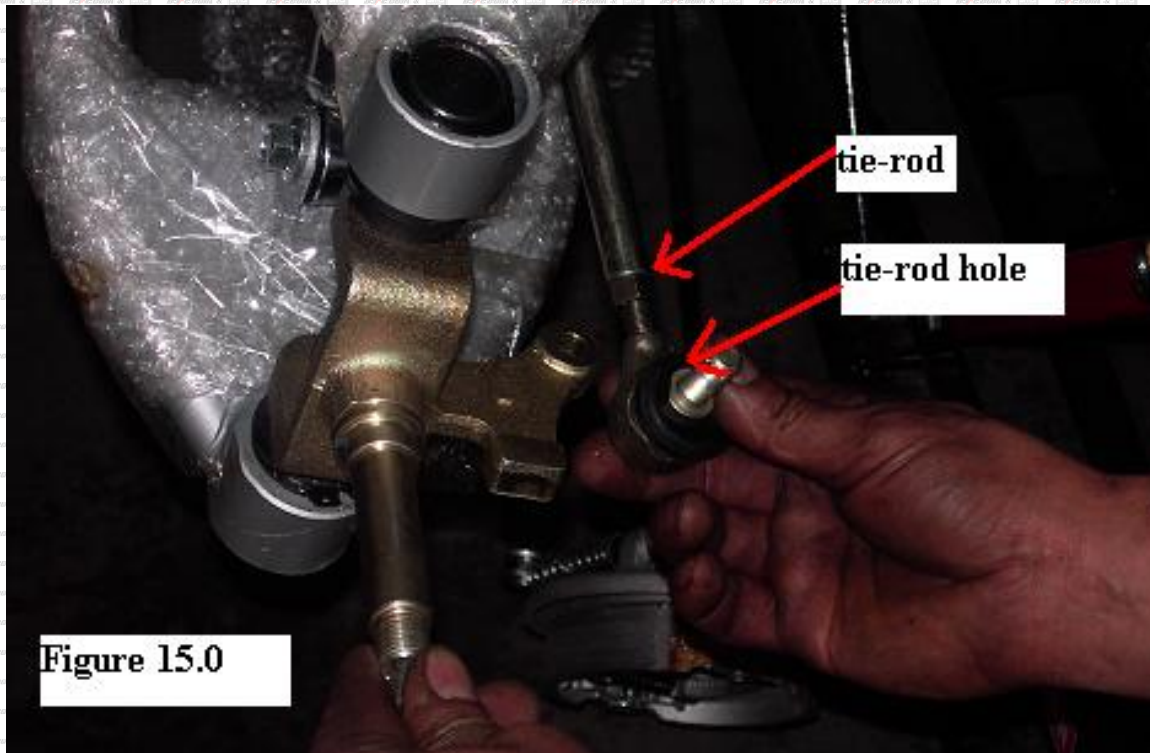
Step 10:

Mount front tires. Install the small tire ring. Note that these rings are crucial for proper mounting of front wheels.



Step 11:
Inflate front tires to the desired pressure

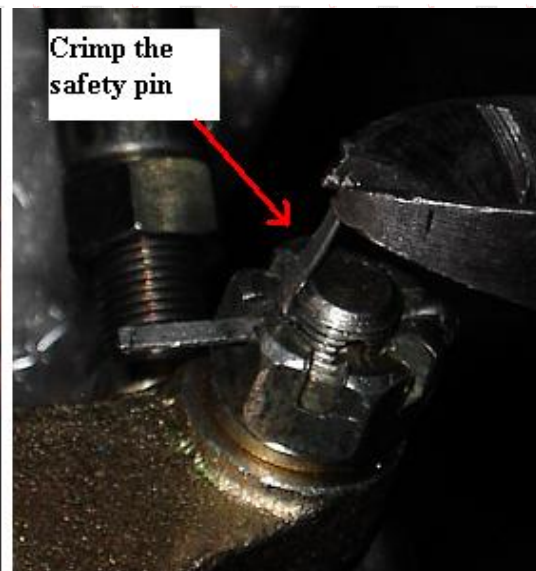
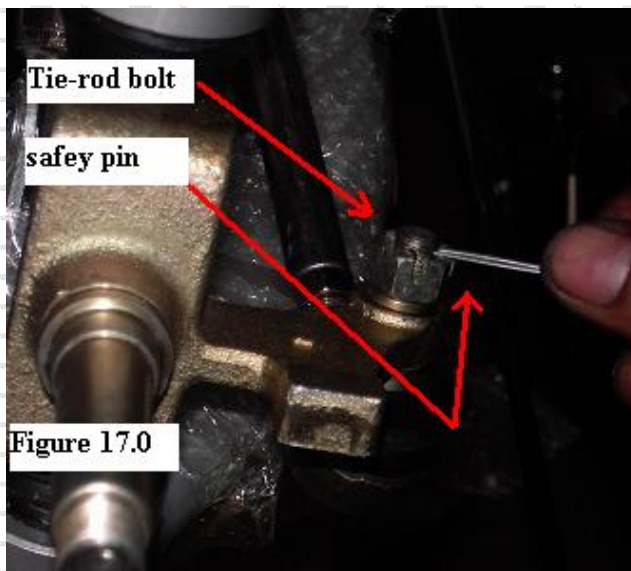
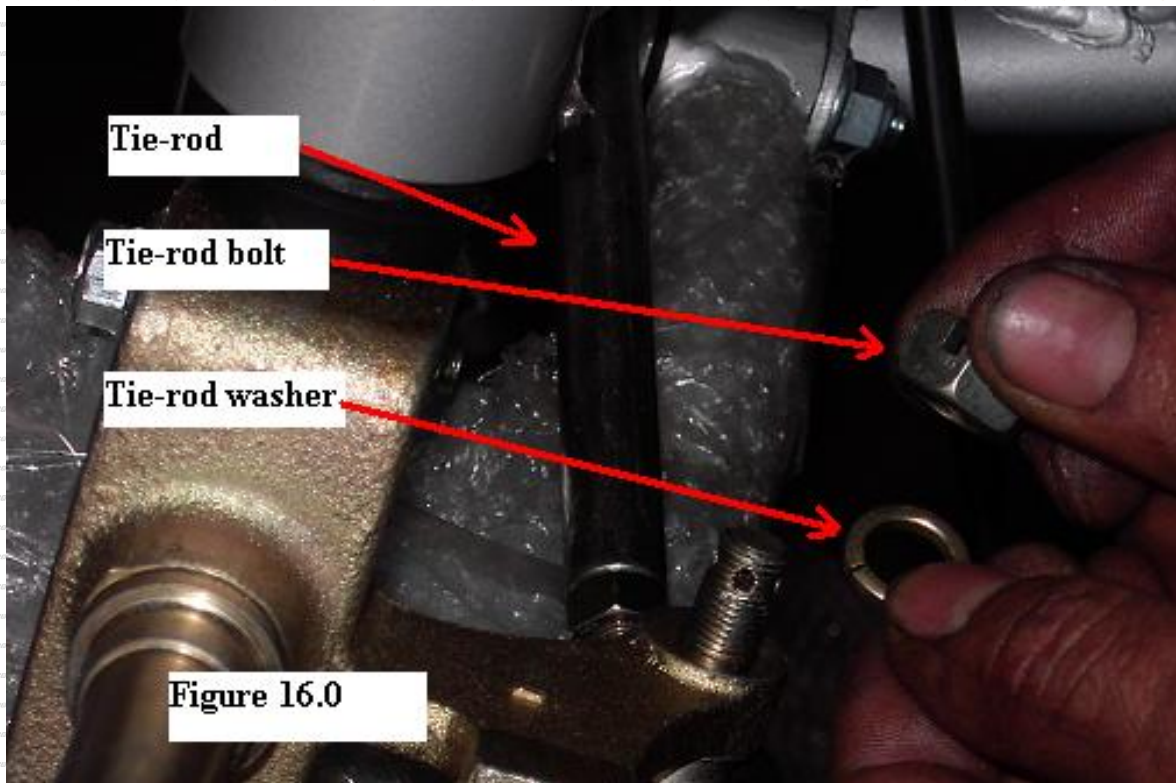
Step 12:
Cut the tie-rod packaging strap, and insert it into small hole in the golden tire mount bracket.



NOTE: Tie-rod must be inserted from bottom of the tie-rod hole, so that the threaded nut of the tie-rod comes out from the top of the tie-rod hole. Inserting the tie-rod from the top of the hole will cause serial issues. See picture above.

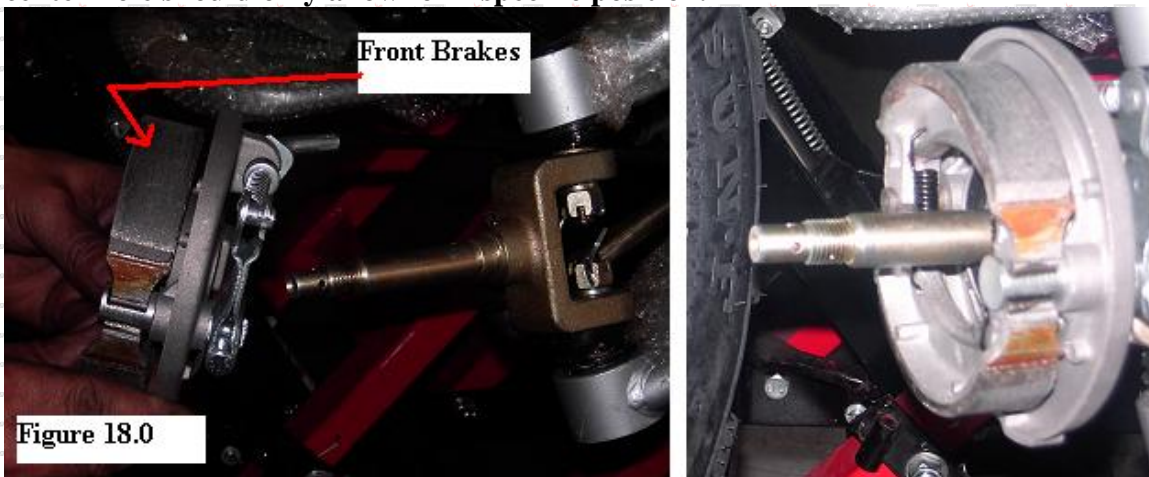
Step 13 & 14:

Insert tie-rod washer, and tighten bolt. Insert small pin into tie-rod threads, and crimp the pin side-ways to secure. Make sure not to use the larger pin (used late for wheels).



Step 15:

Mount front drum brakes onto the rod. Make sure that it goes in all the way, as the center hole should only allow for 1 specific position.

**Step 16:**

Mount the front tire, with the red inner circle facing the inside



Step 17 & 18:

Fasten the wheel bolts and tighten. Make sure to place the washer first, and then bolt. Insert safety pin and crimp to secure. Apply these steps to the other front wheel

**Figure 20.0****Step 19:**

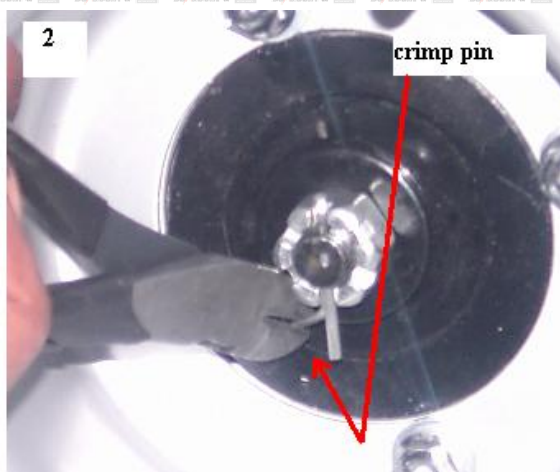
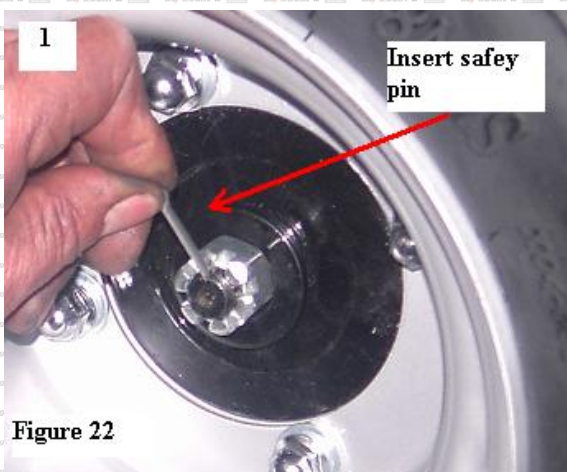
Remove bolts from rear rod

**Figure 21.0****Step 20:**

Mount rear wheel, with the black square facing inwards.

Step 21 & 22:

Attach bolts & secure the wheel. Make sure to attach washer first. Insert safety pin and crimp. Apply these steps to the other rear wheel

**Step 23 & 24:**

Pull back lever to remove the seat. Remove battery from under the seat. NOTE: remove the screws from underneath the battery.

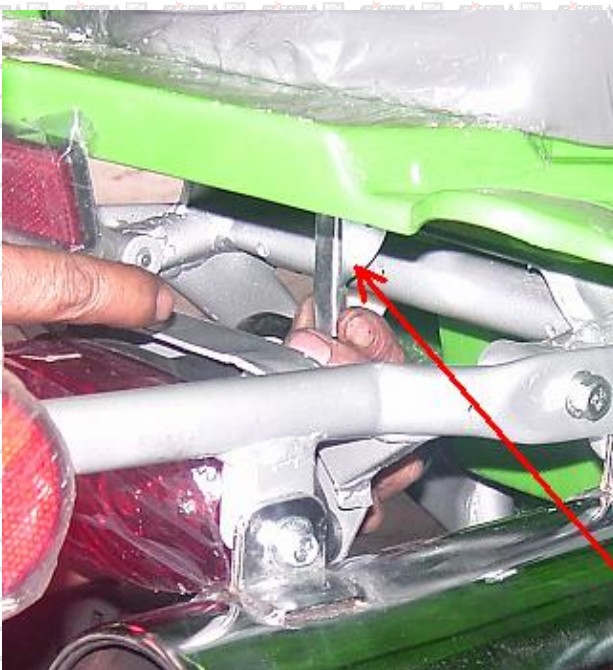
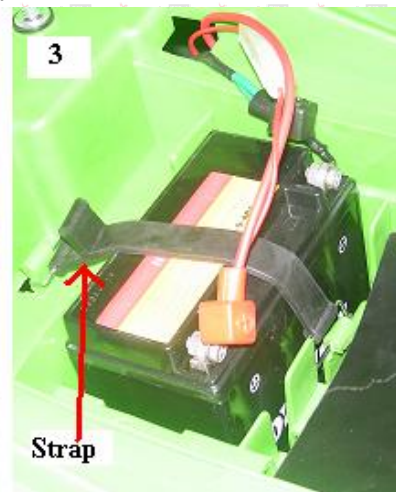
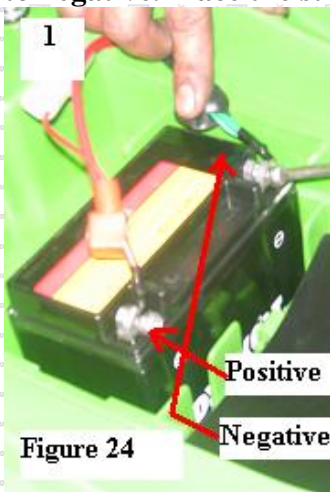


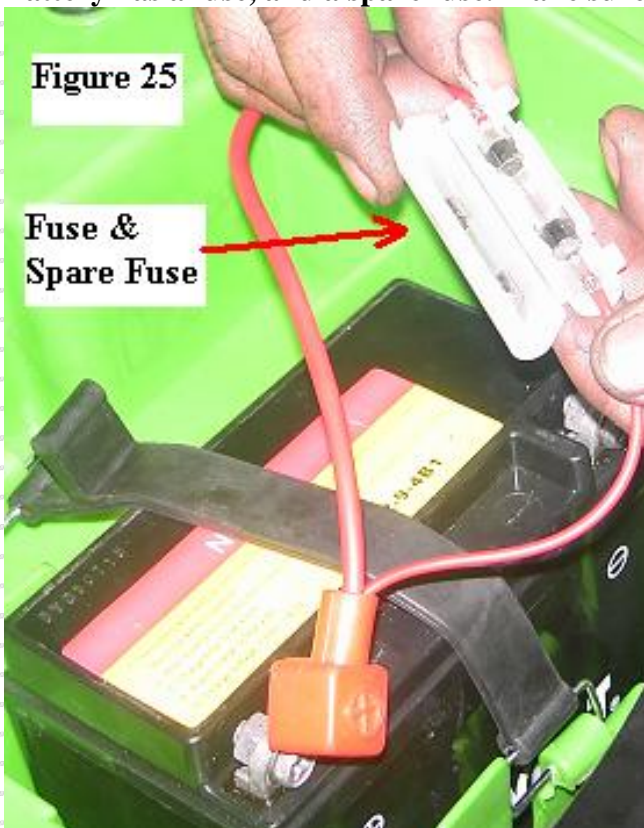
Figure 23

Step 25 & 26:

Mount the battery in its place and secure. Red wire goes to positive and green goes to negative. Place the strap to hold the battery in place.

**NOTE:**

Battery has a fuse, and a spare fuse. Make sure to always have a good fuse in place.



Step 27 & 28:

Place front plastic cover on and press to snap into position. Secure with front cover screws

**Figure 26****Step 29:**

Place plastic handlebar crimp cover and press to snap in position. For 200cc bikes, see special section below.

**Figure 27**

Step 30:
Mount and secure the foot protector grill (protects your foot from the tire). Do the same for both sides

Step 31:
Mount and tighten the reflectors

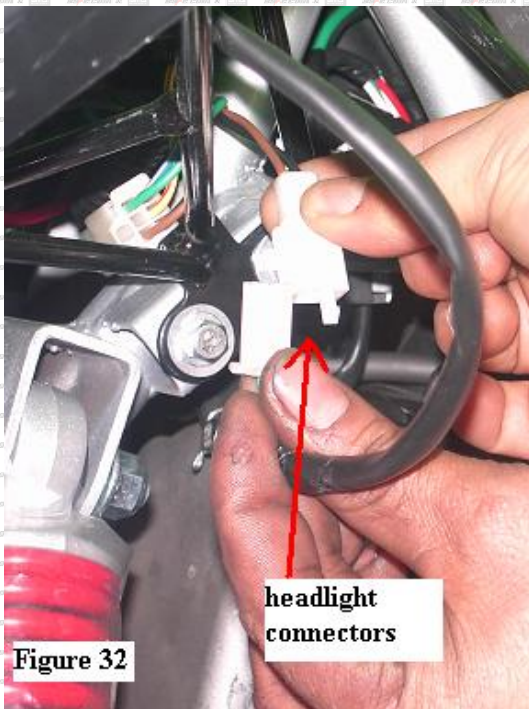


Step 32:
Align wheels. Finish tightening handlebar clamp, and adjust to desired position. Place handlebar in STRAIGHT forward position, and adjust alignment wheel bars and tie-rods. It is crucial that the bike be aligned properly for safe riding.

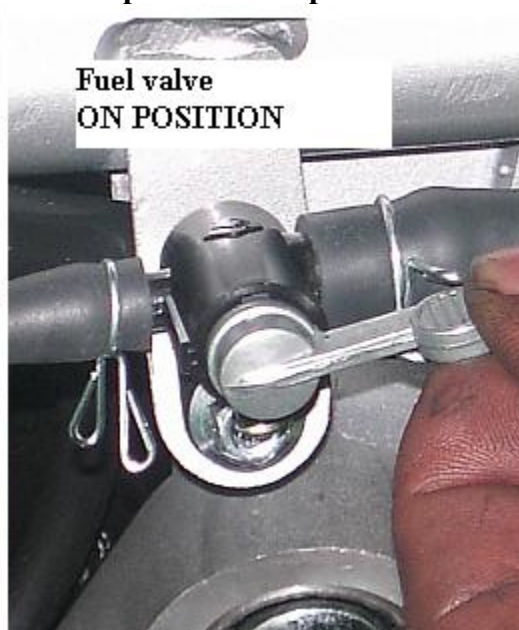
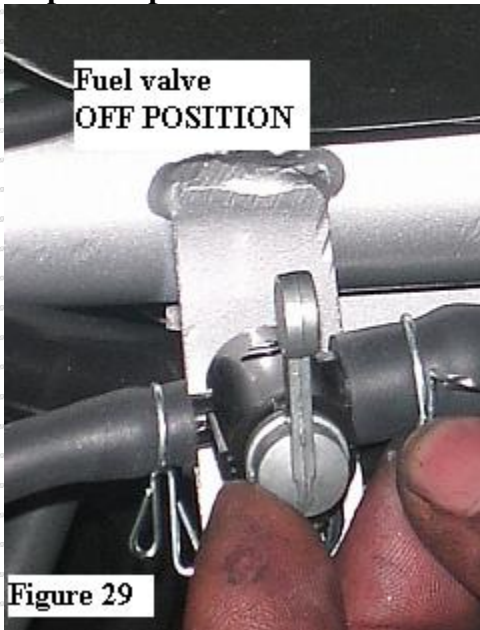


Step 33:

Connect headlight cables. Headlight connector has a brown and black cable, as indicated in the figure below. Note that each headlight has a separate connector to attach.



Step 34: Open fuel valve. Fuel shut-off valve positions → up is off and down is on

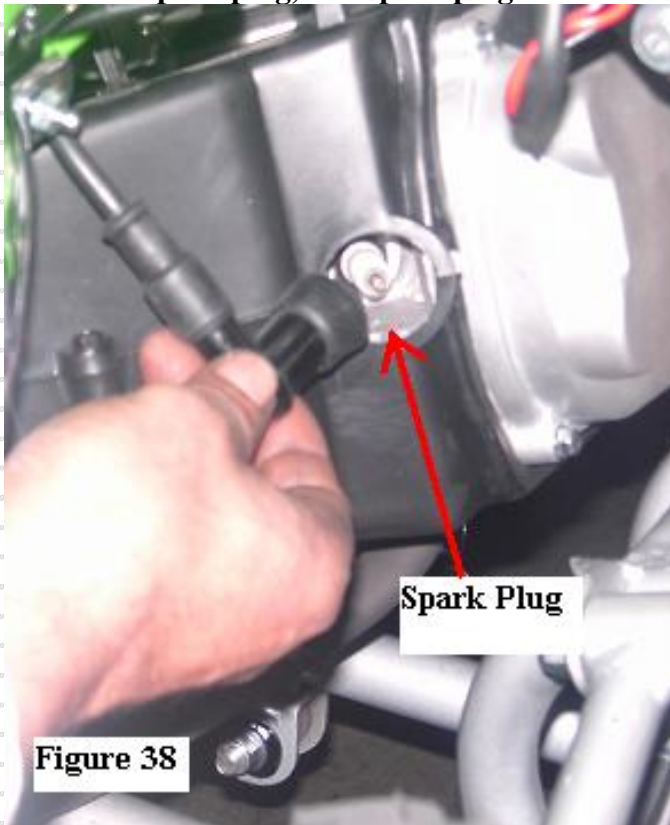


Step 35:

Finally, add engine oil and unleaded gasoline to the desired levels.

**Step 36:**

Insert the spark plug, and spark plug cable.

**Step 37:**

Read your SAFETY MANUAL, Owner's Manual and DRIVING TIPS before riding.

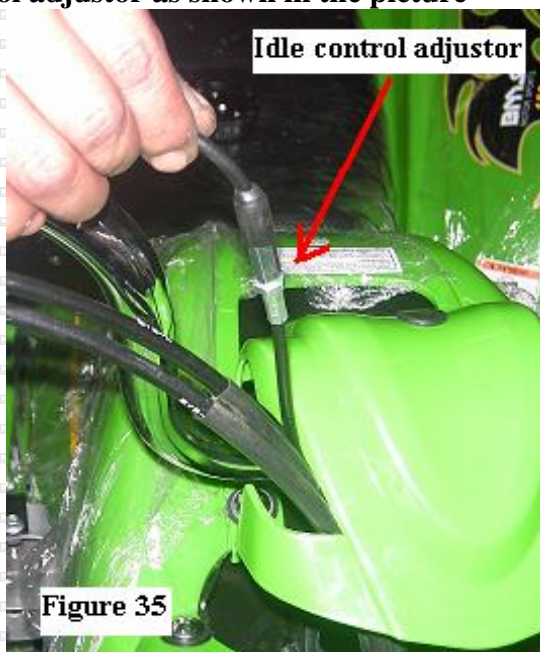
Some final inspections:

- **Are tires and wheels in good condition?**
- **Are controls and cable operational?**
- **Does the chain have proper slack and is it lubricated?**
- **Is riding gear (including a helmet) available and worn?**

Troubleshooting Guides:

You are now FINISHED assembling your ATV. However, please read some of the below tips to help you maintain and troubleshoot:

- 1. If needed, you may adjust the idle control to the desired level. Use the easy access idle control adjustor as shown in the picture**



2. Always use the choke when starting your bike

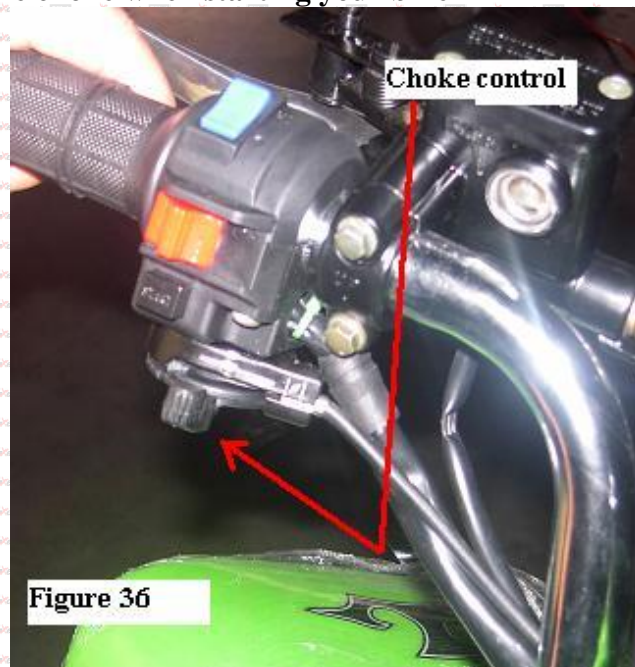


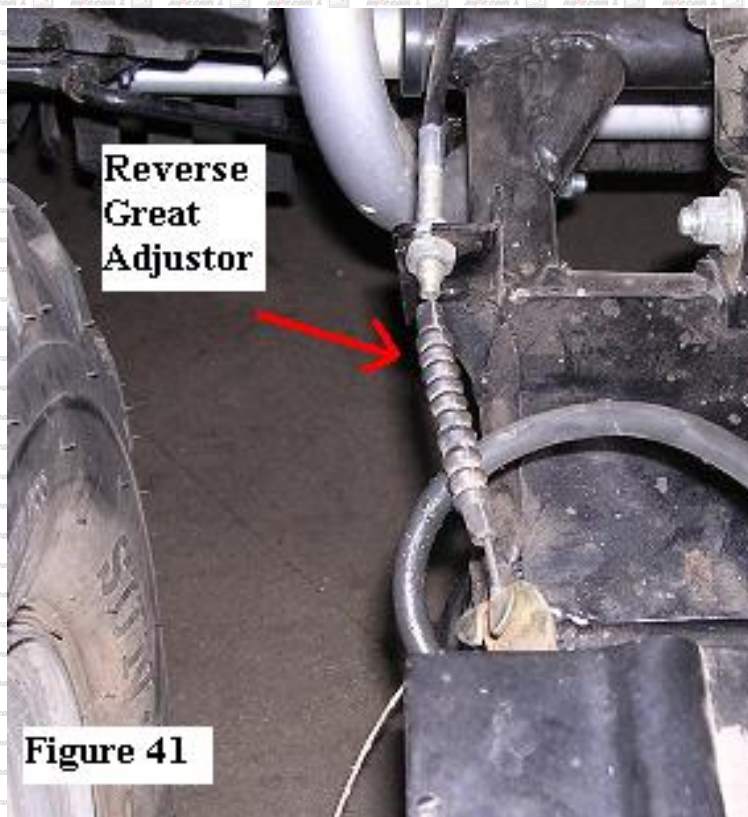
Figure 36

3. Check for crimps in your fuel line. This may cause problems starting, idling, or just running.



Figure 37

4. Adjust the reverse gear, ONLY IF NEEDED



FOR 200cc ATV ONLY

Step 29: For 200cc ATV ONLY: Front LED light connections

- green-white to green-white
- green-red to green-red
- black to both blacks



Step 29.2: For 200cc ATV ONLY: Fill the radiator reservoir to the correct level. Use engine coolant per your owner's manual.

