

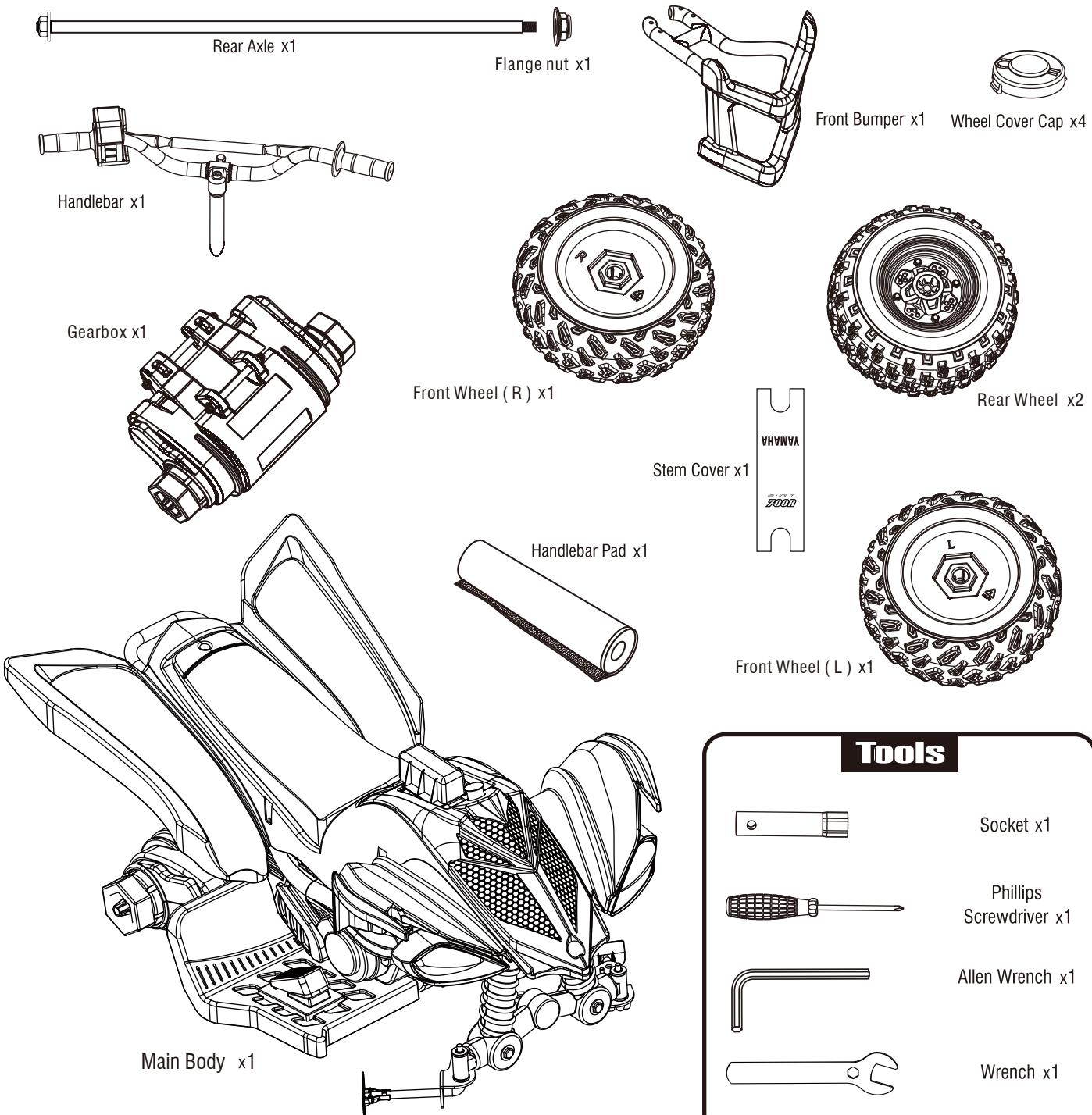
12V Yamaha Raptor ATV

Step By Step Assembly Procedures

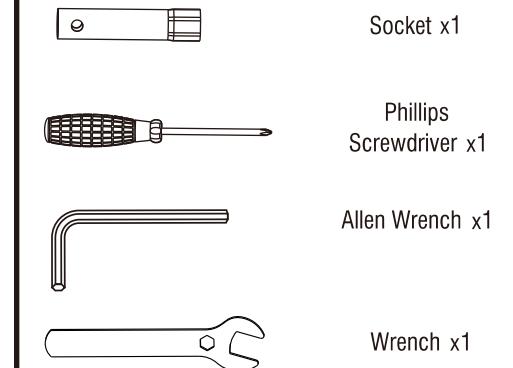
Note : Please follow all procedures strictly to ensure assembly quality .

Please check if all below parts are included in the package.
These are the parts needed for assembly .

For technical support and spare parts ,please contact below numbers :
Toll-Free : 1-866-424-0500 Local : 417-204-0563



Tools

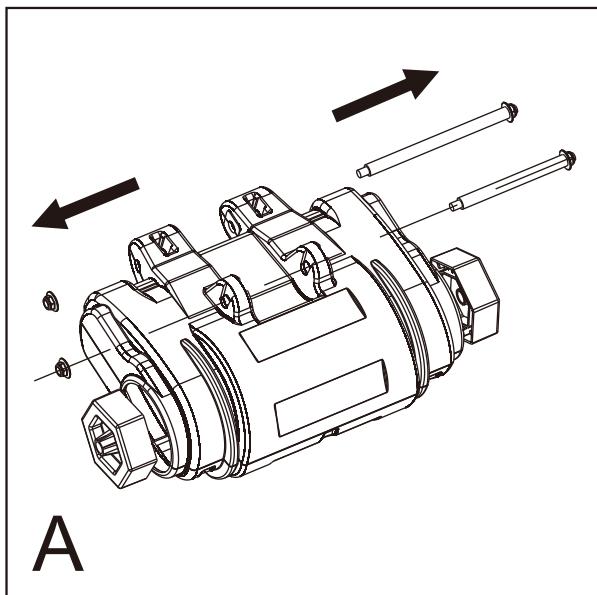
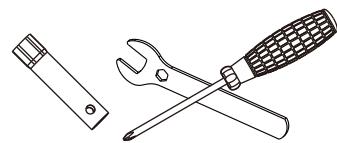


Step 1: Install gearbox

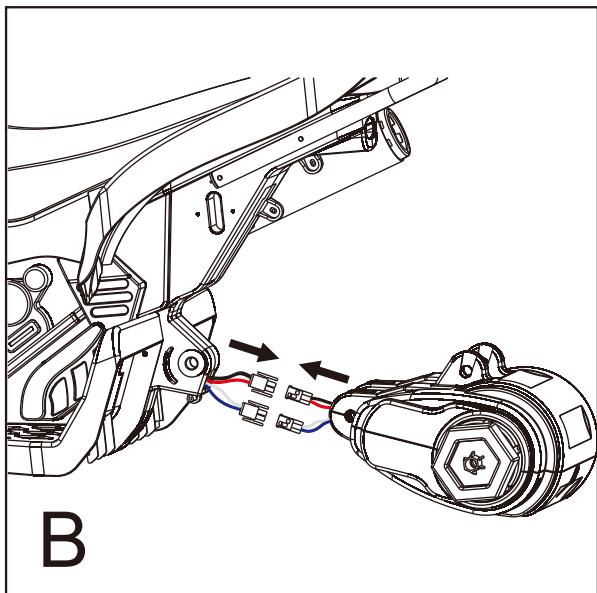
Tools needed for Step 1: Wrenches

Socket

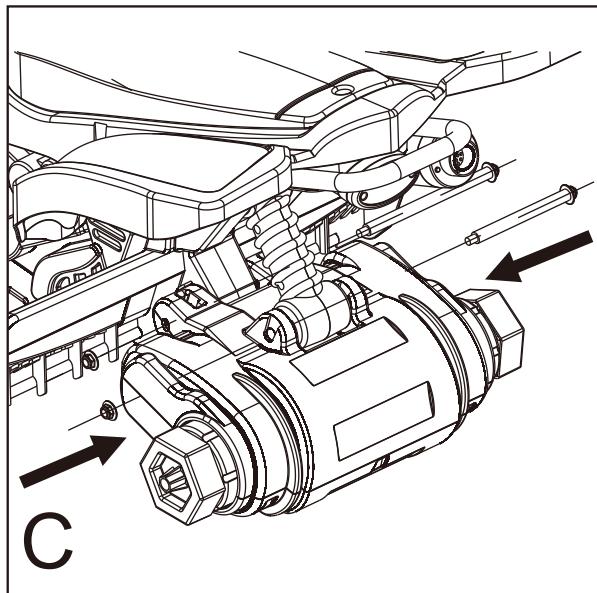
Screwdriver



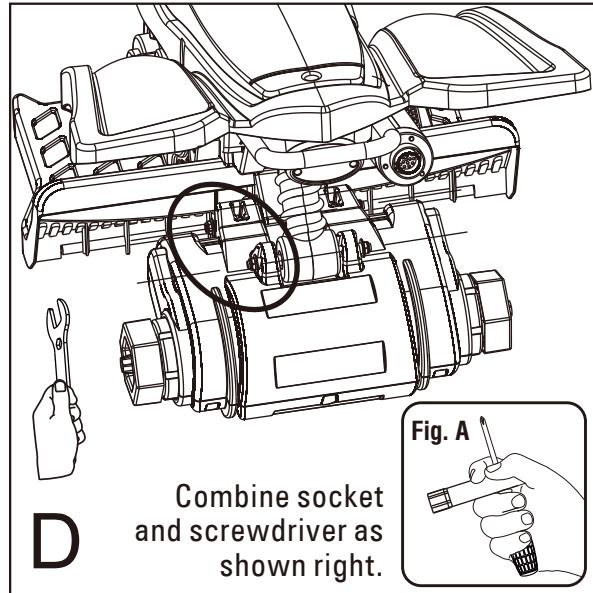
A. Loosen the nuts, and pull out the two axles.



B. Connect the motor cables to the battery cables and insert them into the hole on the frame.
Connection must be tight to avoid mal-function.



C. Align the holes of gearbox with the holes of the shock and frame.
Insert 2 axles through these holes.



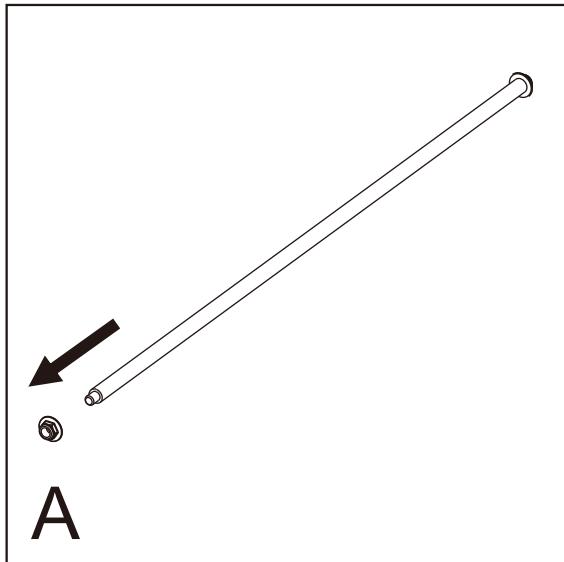
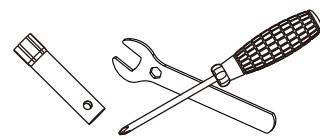
D. Lock the nuts by using the set of tools shown in Fig.A and a wrench to tighten left and right nuts simultaneously.

Step 2: Install rear wheels

Tools needed for Step 2: Wrenches

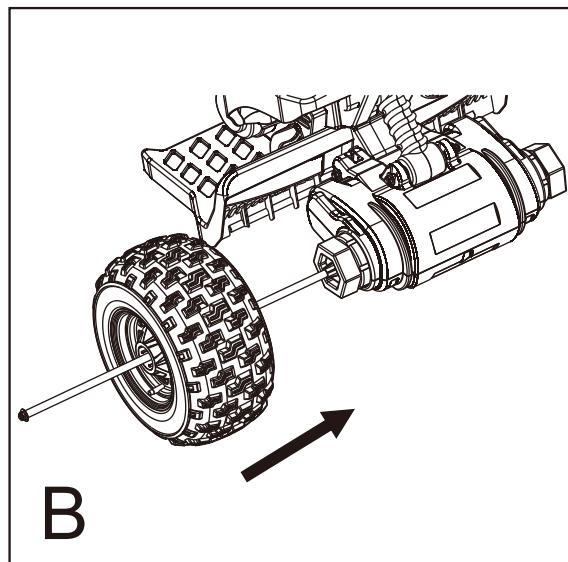
Socket

Screwdriver



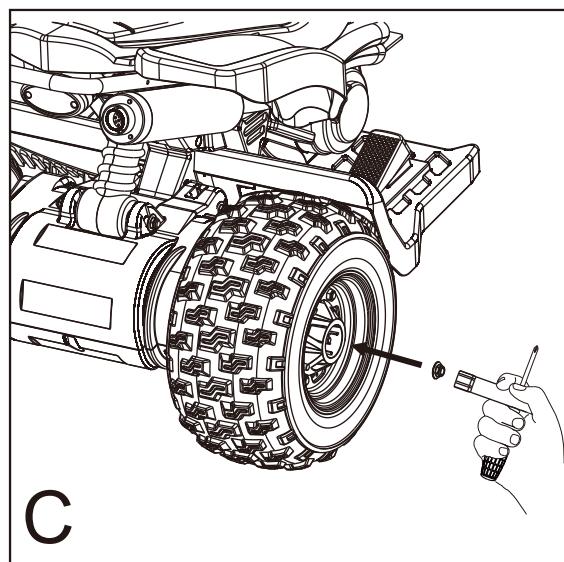
A

A. Remove rear axle from packing and remove the flange nut from one end.



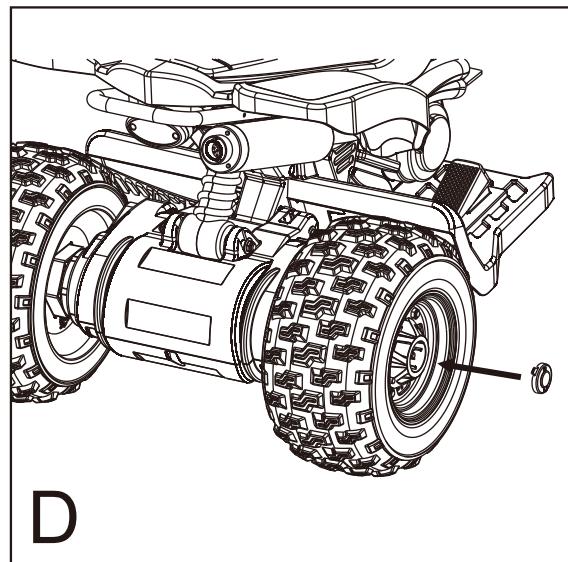
B

B. Slide axle through the gearbox until the wheel is correctly aligned to engage the drive coupling.



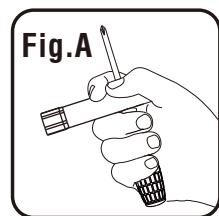
C

C. Slide the other rear wheel onto the opposite end of the axle until it is correctly aligned with the drive coupling. Use one set of tool shown in Fig.A and wrench to tighten left and right nuts simultaneously.



D

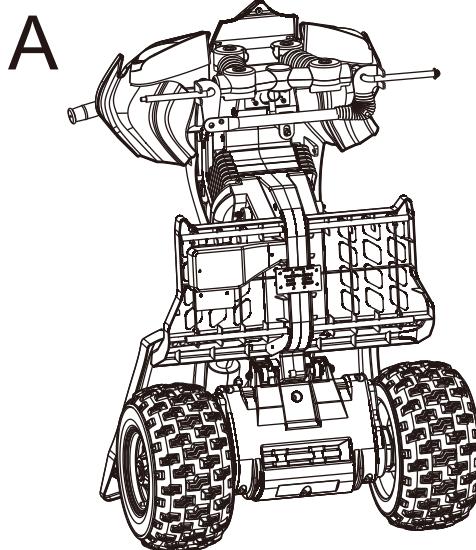
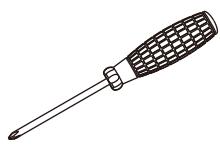
D. Snap the wheel caps into wheel covers on both sides.



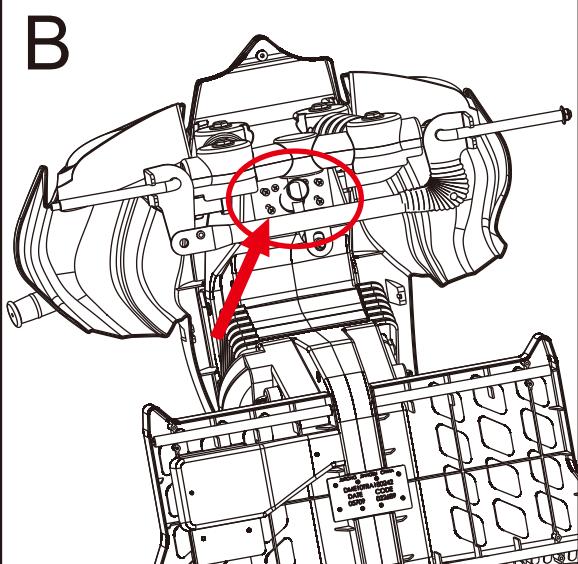
Combine socket and screwdriver as shown right.

Step 3: Install front bumper

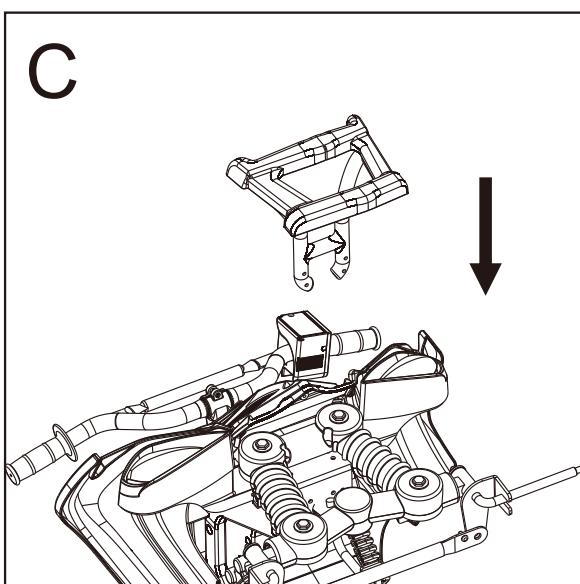
Tools needed for Step 3: Screwdriver



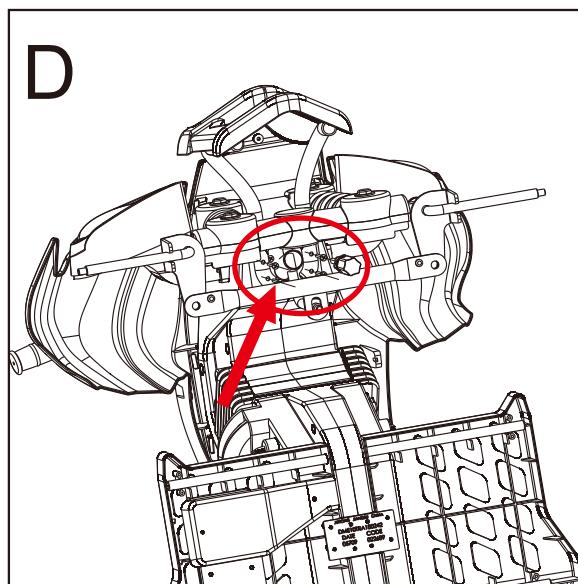
A. Place the vehicle upright on the rear wheels to install the bumper.



B. Remove these four screws on the steel plate.



C. Insert the bumper bracket through the front fake shock.



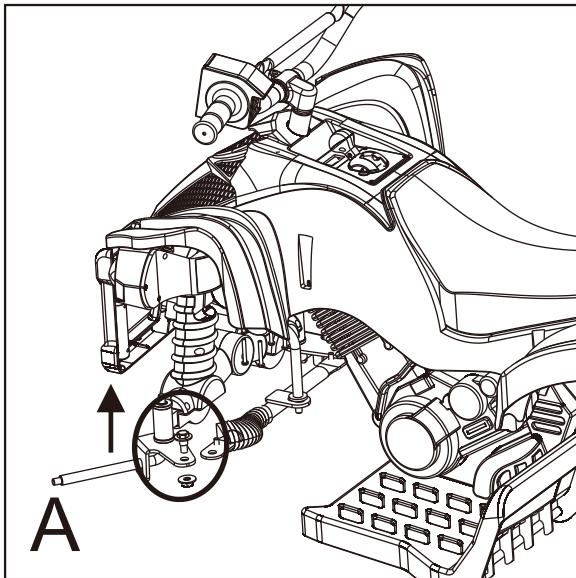
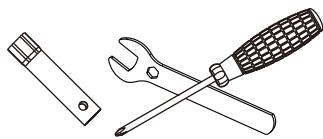
D. Align the four holes on the bumper bracket with the four holes on the steel plate, insert the screws and tighten them.

Step 4: Install the front linkage system

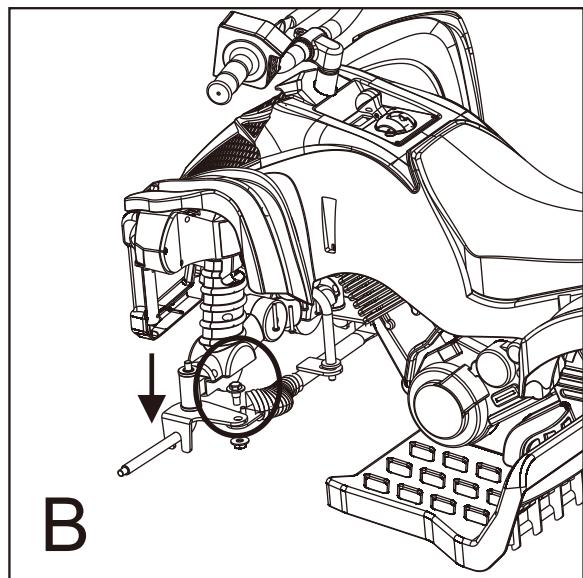
Tools needed for Step 4: Wrenches

Socket

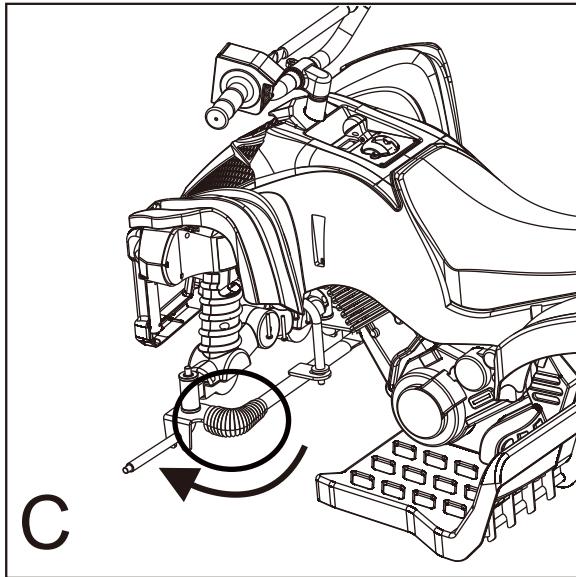
Screwdriver



- A. Remove bolt and nut from the steering arm with the wrench and socket provided.



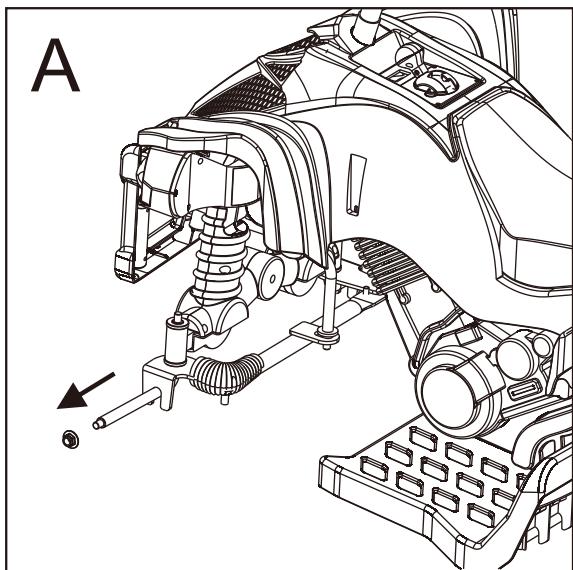
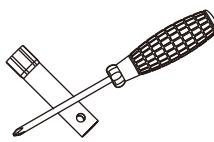
- B. Align steering bracket with the hole in steering arm. Insert the bolt through the holes and tighten with the wrench and socket provided.



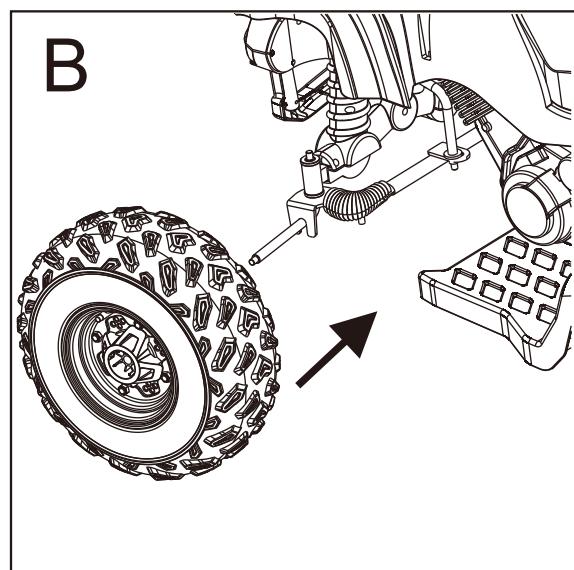
- C. Pull the rubber boot over the connection of steering bracket and steering arm.

Step 5: Install front wheels

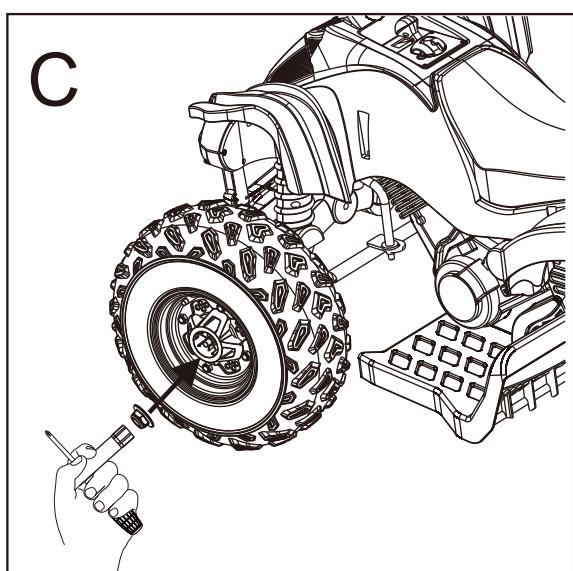
Tools needed for Step 5: **Socket
Screwdriver**



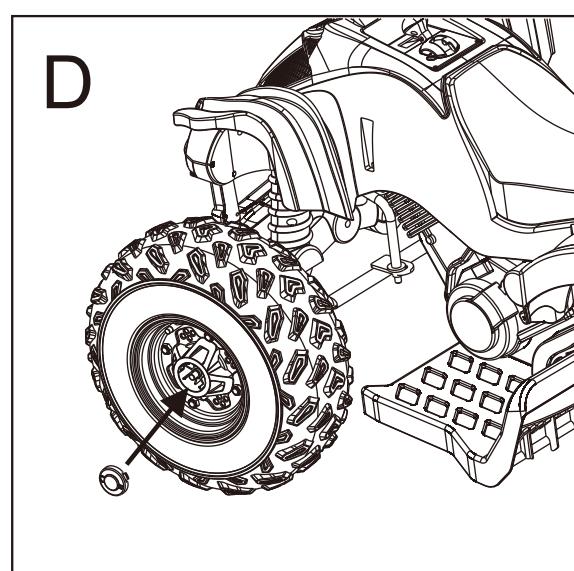
A. Loosen the nut on the front wheel axle.



B. Place the front wheels on the axle.



C. Then tighten flange nut with socket
and screwdriver.



D. Snap wheel cap into place.
Repeat above steps for the other side.

Step 6: Install handlebar

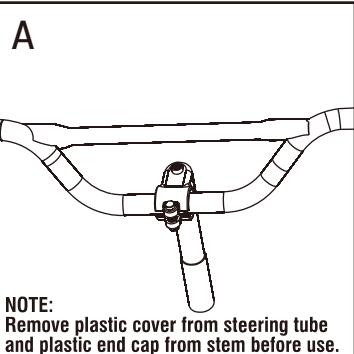
Tools needed for Step 6: Wrench

Allen Wrench



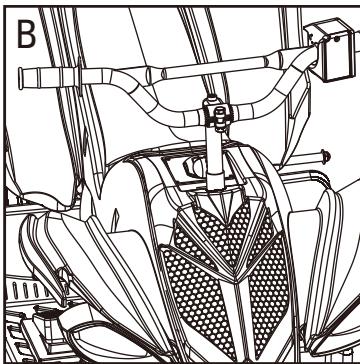
Locate the handlebar and stem set. Loosen the stem and rotate it 180 degrees to accommodate the installation of the handlebars.

Do not completely tighten the stem, as it will be adjusted after installation.

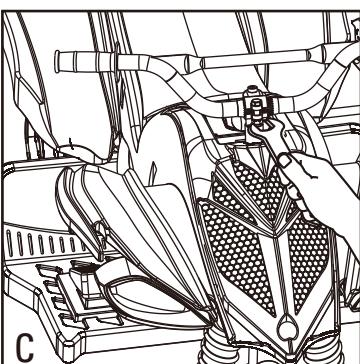


Remove the plug from the steering tube and slide the stem into the tube.

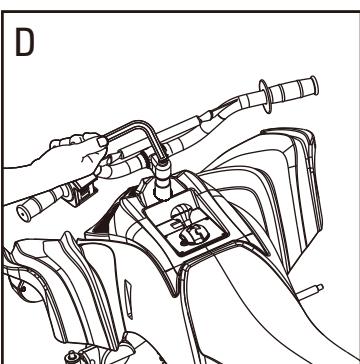
Adjust for height and align the handlebars with the front wheels, then tighten the stem using the supplied Allen wrench.



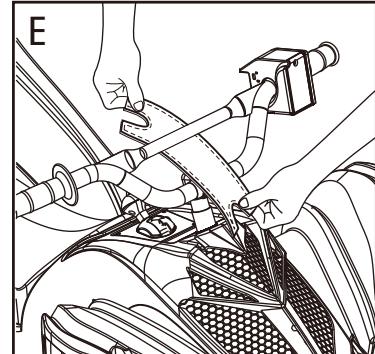
Adjust the handle bar angle for comfort and safety and then tighten in place using the provided wrench.



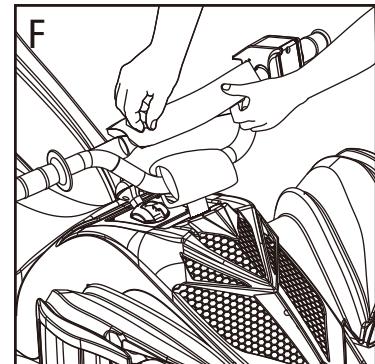
Check that the Stem bolt and handlebar mount are tight and secure.



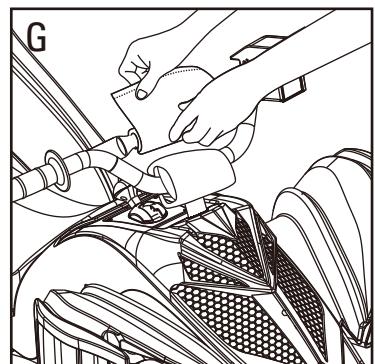
Fit the stem pad over the handlebar stem and connect velcro tabs under the handlebar stem.



Pull the two sides of the handlebar pad apart and place over the upper part of the handle bar.

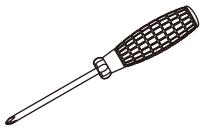


Let the two side come together under the bar, and wrap the pad covering around so the velcro strips fit securely.

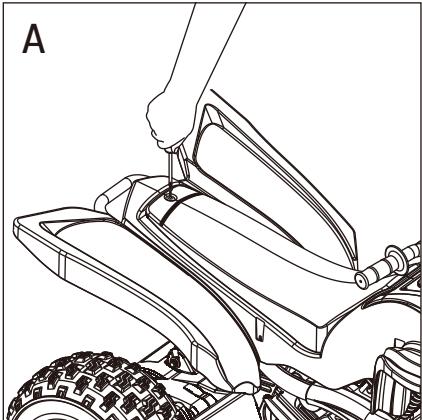


Step 7: Connecting battery

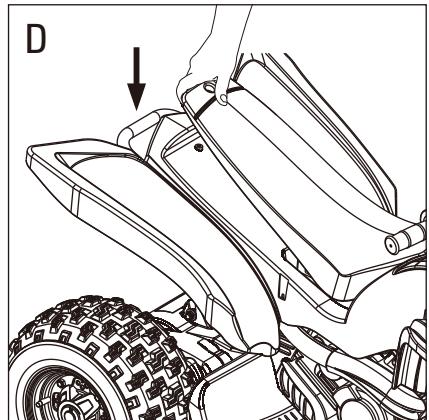
Tools needed for Step 7: Screwdriver



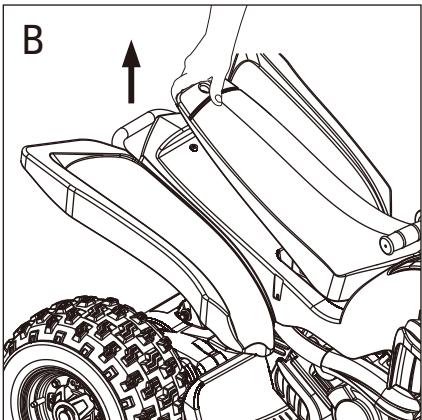
Loosen screw on back of seat with the screwdriver provided.



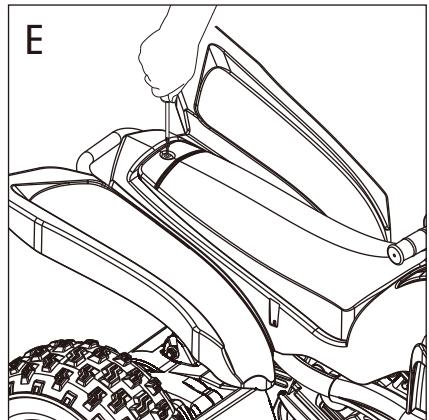
Place seat onto the vehicle by guiding the front of seat into the groove on the front of tank and set seat back into place on the back hood.



Remove the seat from the vehicle.

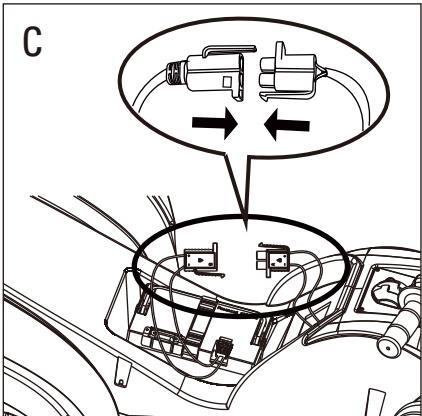


Insert seat screw and tighten securely.



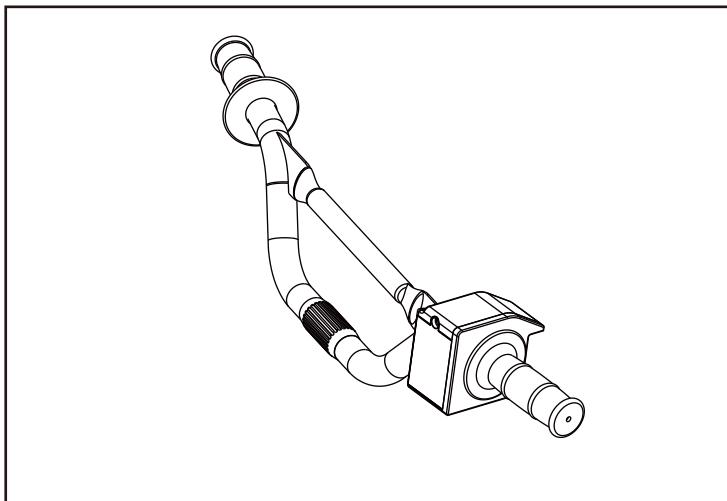
Connect battery wire connector with system wire connector. Leaving no gaps between connectors.

Connection must be tight to avoid mal-function.

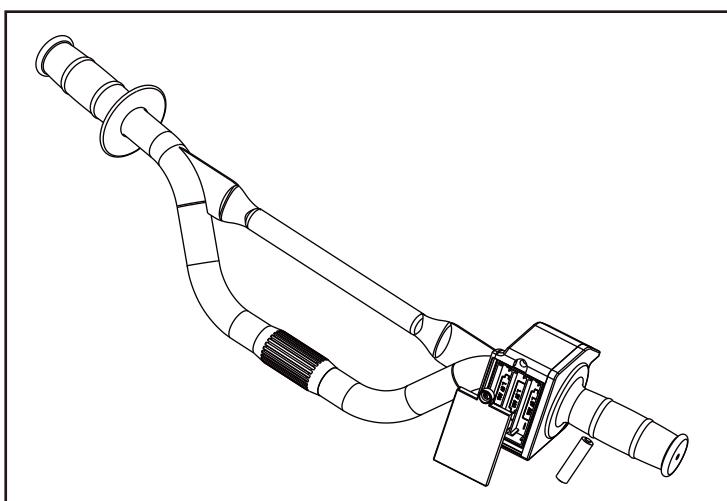


Step 8: Install sound box battery

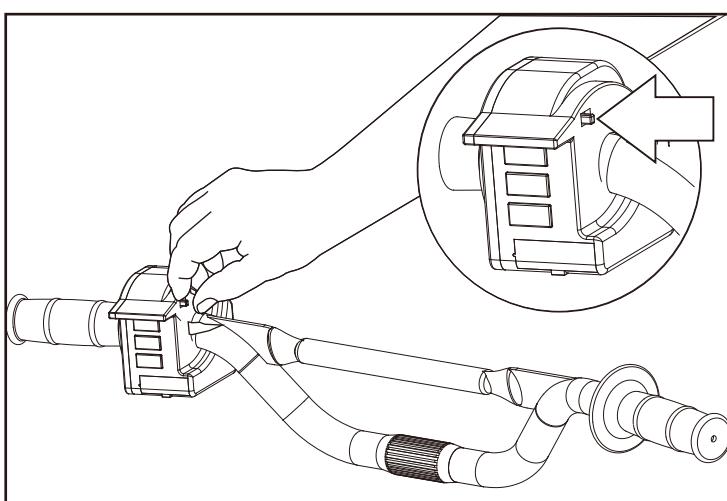
Note: Requires (3) AAA batteries (not included)



Unscrew back cover plate on the sound box mounted to the handlebar.



Place batteries in the case as indicated and replace the back cover.



To preserve battery life always switch sound box off when not in use.

Pictures of actual products



EC-1708

12V BLACK/GREEN YAMAHA RAPTOR ATV



EC-1818

12V BLUE/WHITE YAMAHA RAPTOR ATV



EC-1821

12V PURPLE/WHITE YAMAHA RAPTOR ATV