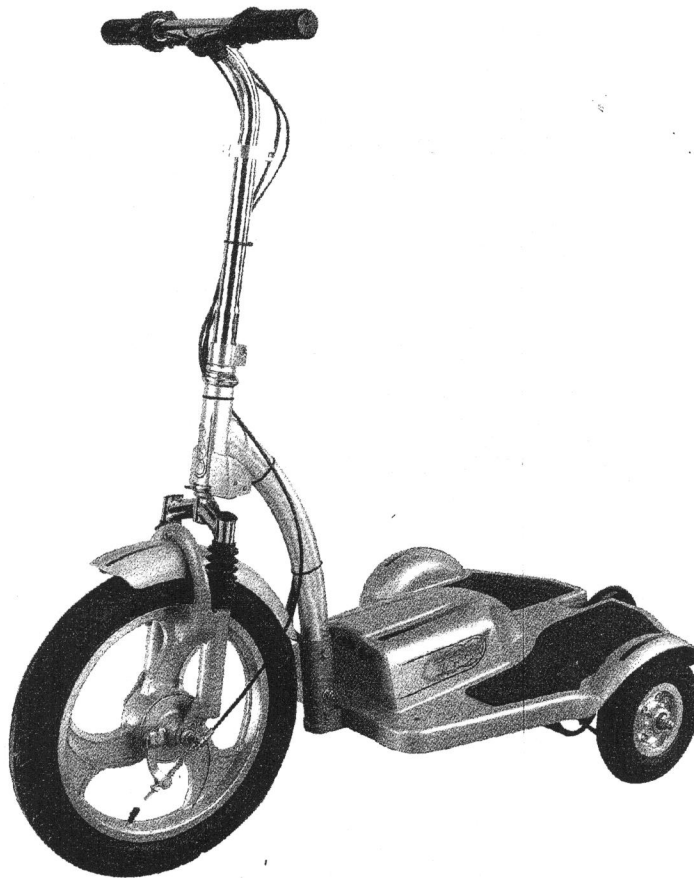


TRX

OWNER'S MANUAL



Read this manual completely before riding
Your TRX Electric Scooter

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The power switch should be on the "OFF" position when you assembling or disassembling your TRX.

TRX

TECHNICAL SPECIFICATION

Motor power:150W side motor x2

Battery:36V/7AH

Charger:100V-240V, 50HZ/60HZ

Charge time:6~8hours

Wheel:12"rubber tire(Front)

6"airless tire(Rear)

Max.speed:12MPH

Average travel distance:12miles

Max.Load capacity:220lbs

Product size:

43-2/5"x 23-1/2"x 48-4/5"

N.W.:63.3 lbs

G.W.:71.0 lbs

CAUTION-ELECTRICALLY
OPERATED PRODUCT

Operate Guide



WARNING & SAFETY INSTRUCTION

The battery powered TRX scooter is not a toy and should not be operated by any one under 12 years old.

The maximum weight capacity is 220 lbs

Only one person at a time should ride.

Check and secure all fasteners before every ride.

Check the air pressure of the front tire before each ride.

Check to make sure the battery is properly charged and installed.

Adults must assist children in the initial adjustment procedures to unfold scooter, adjust handlebar and steering column to proper height.

Do not ride at night.

Always wear protective gear including knee and elbow pads and approved safety helmet when riding the TRX scooter .Always wear shoes.

Ride on smooth ,paved surfaces away from motor vehicles.

Avoid sharp bumps ,drainage grates ,and sudden surface changes.

Avoid streets and surfaces with water ,sand ,gravel ,dirt ,leaves ,and other debris.

Wet weather impairs traction ,braking ,and visibility.

Obey all local traffic and scooter riding laws and regulations.

Watch out for pedestrians.

Avoid excessive speed associated with downhill rides.

Brake will get hot from continuous use. Do not touch after braking.

The power switch lock must be in the "o" off position when the scooter is being charged.

Charge the battery after each use.

Do not use or place the battery near extreme heat or fire.

Do not expose the charger to water.

Replace worn or broken parts immediately.

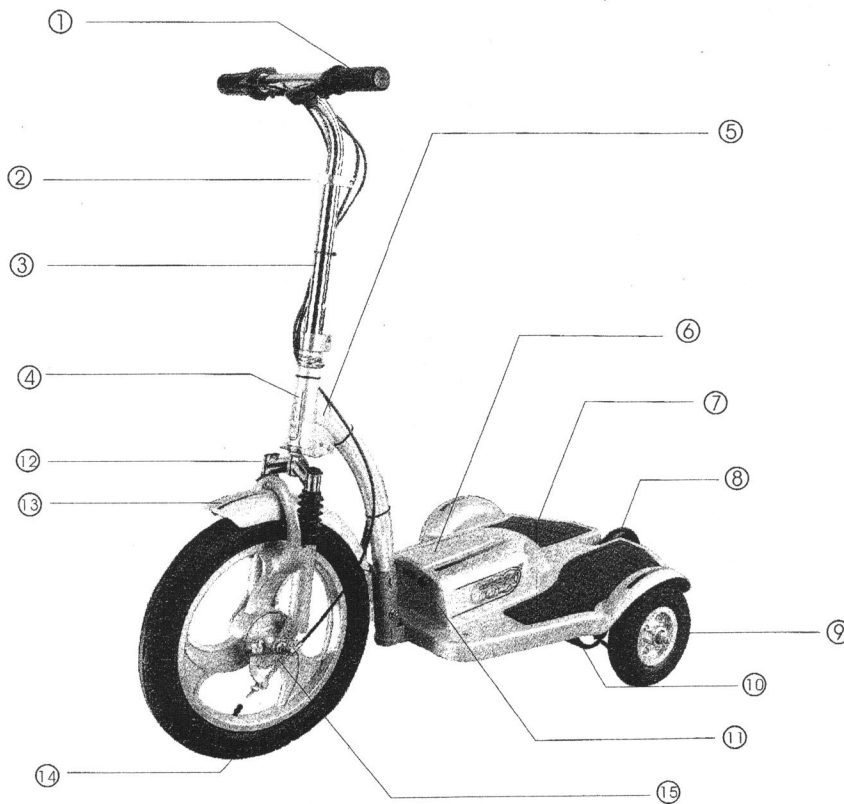
TRX

The product should be periodically examined for conditions that may result in the risk of fire, electric shock and injury to persons.

The product should not be used until properly repaired.

Charger should be connected to TRX scooter by an adult.

LIST OF PARTS



1.Handlebar

4.Head tube

7.Deck

10.Motor

13.Front fender

2.Quick release

5.Sensor

8.PU wheel

11.Charger plug

14.Front wheel

3.T tube

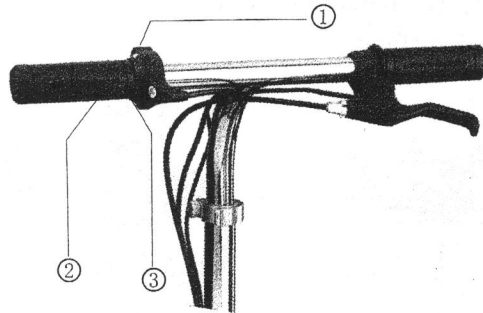
6.Battery box

9.Rear wheel

12.Front fork

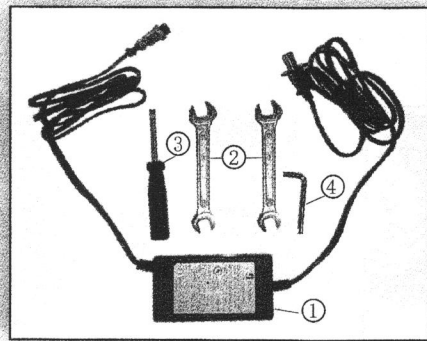
15.Drum brake

Handlebar



- 1.Brake
- 2.Battery gauge
- 3.Thumb throttle

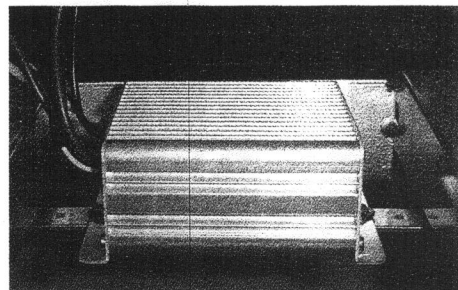
Tool bag



- 1.Charger
- 2.Wrench(12-14mm)
- 3.Screwdriver
- 4.Allen wrench(6mm)

Fuse (inside battery bag)

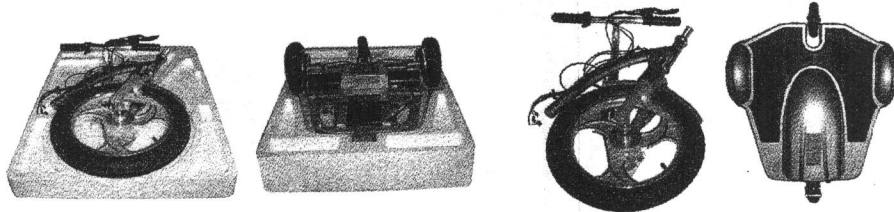
Note: For professional reference only



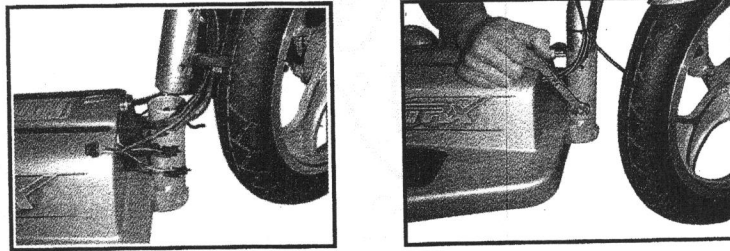
TRX

Assembling the TRX

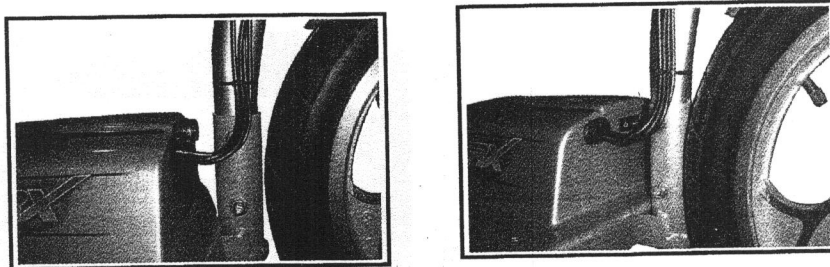
1. Unpack the scooter carefully, to make sure no parts are misplaced. Place the scooter on a flat, level surface.



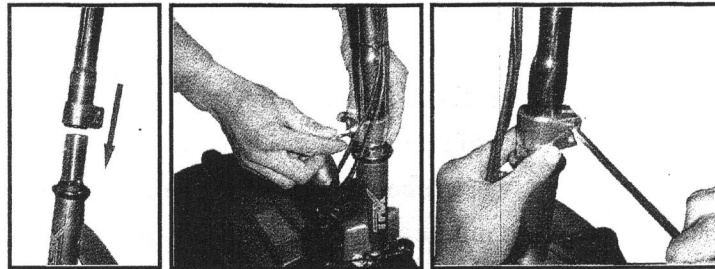
2. Remove the bolts and nuts from the opening which is used to secure the lower tube.
3. Place the lower head tube into the top opening and slip the bolt through and tighten accordingly.



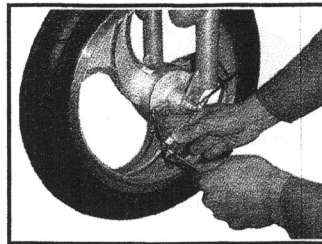
4. Tighten the bolts and nuts by the allen wrench provided in the tool kit.
5. Plug the connectors properly.
6. Insert all the wires into the hole and fixed with the small black button.



6. Ensure that the handlebar is facing front before tightening using the allen wrench provided.



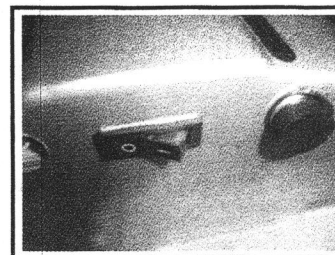
7. Adjust the brake by loosening the bolt on front brake wheel and pull the cable and retightening the bolt.



Note: Handlebar height can be adjusted by opening the quick release.
Adjust handlebar to desired height and close quick release.

CHARGING THE BATTERIES

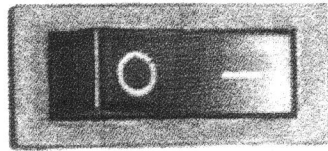
1. Before you ride the TRX scooter for the first time, you must completely charge the batteries for 6-8 hours.
2. To charge the batteries, plug the charger into the charger socket located on side of the body of footboard.
Then plug the charger into a wall outlet.
3. Press the power switch button to the "o" off positing before charging the batteries.
4. The green indicator light will be blink while charging and will turn to solid green when fully charged.



TRX

RIDING THE TRX SCOOTER

1. Once you have completed the initial charge you are ready to ride. Remember, this is not a toy. The scooter can reach speeds up to 12mph, depending on the terrain and the weight of the rider. You must wear a helmet and protective pads. You must also be aware of all local laws and ordinances, that govern and/or restrict the use of powered scooters. The laws and ordinances vary greatly from municipality to municipality. It is your responsibility to know and abide by your local restrictions.
2. To ride, press the power switch button to the "-" on position.



3. Hold onto the handlebar with both hands. Your left hand will control the brake and your right thumb will control the thumb throttle. As you depress the throttle lever with your thumb, your speed will increase. Release the thumb throttle and apply the brake to stop the scooter. You will control the speed of the scooter by using both the throttle and the brake. When the brake handle is squeezed it cuts all power to the throttle.
4. You may use PU wheel (the smaller middle rear wheel) to balance the TRX scooter when you want to ride raising the front wheel.

Warning: Never try stunts beyond your skill level. Never ride too fast for your skill level.

Maintenance

Battery:(for professional use only)

The TRX scooter is powered by three 12V/7AH rechargeable batteries.

For prolong battery life, you must recharge the battery after use. If you must replace the batteries, they are located in the battery compartment under the footrest. To get to them, remove the compartment by loosening the screws.

To remove the batteries disconnect the wires from the battery terminals.

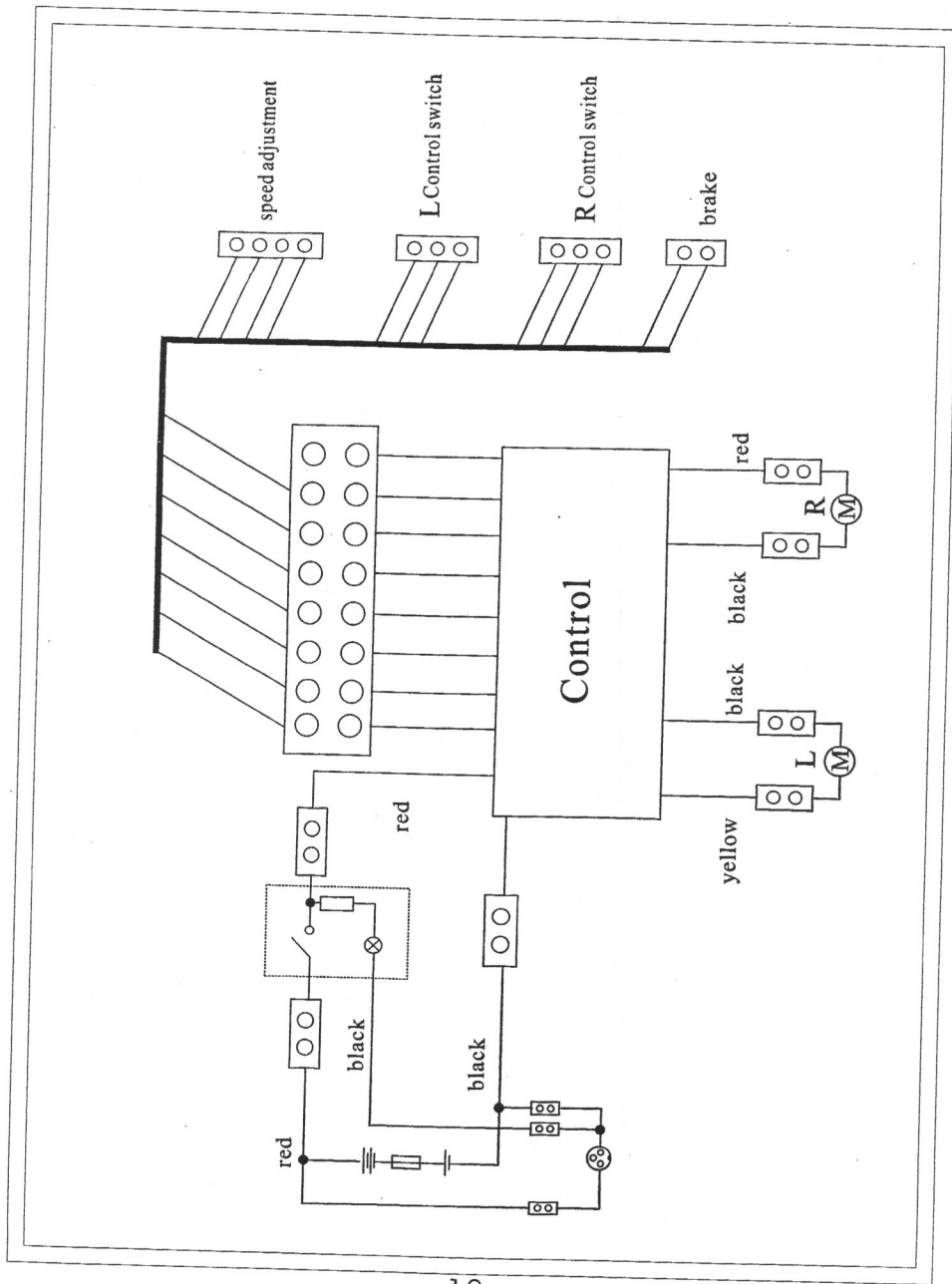
Replace the batteries with new ones and reconnect. Follow the instructions of your new batteries as to whether or not they have to be charged prior to use.

Trouble shooting guide

Problem	Cause	Solution
The power light by the thumb throttle does not light up when the scooter is on.	1.Battery is discharged. 2.Loose connection inside the scooter.	1.Recharge your scooter. 2.Remove the screws from deck and take it off. Visually inspect all wire connections making sure there are no loose wires, reconnect those that are.
The power lights by thumb throttle light up but scooter still does not work.	The thumb throttle is not operating properly.	Replace the thumb throttle.
Checking noise coming from motor.	Axle in motor has come Loose.	Replace the motor.
Pressed the brake, the scooter stops too slowly.	The brake needs tightened.	Adjust the brake by loosen the bolt on front brake wheel and pull the cable and tightening the bolt.
My scooter is going slower and slower.	1.Low battery. 2.Battery is defective.	1.Recharge your battery for 6-8 hours. 2.Replace battery.

TRX

RIDING THE TRX SCOOTER



TRX

Electrical maintenance Guide



Electrical maintenance Guide

Note: Please read this menu completely before doing any electrical maintenance to avoid any unnecessary damage to the equipment.

Check every plug connect tightly, and no loosen among plug-in components before maintaining.

Testing voltage is the volt between testing point and the earth.

Checking method for operating scooter (A):

- (1) Open the electric switch (boat type): check power source (both the red and green lamps on thumb accelerator light at the same time means the voltage is normal, once the red and yellow lamps light at the same time means the voltage is lack).
- (2) Red and yellow lamps light at the same time: it's the warning sign that it is not enough power in battery, you should recharge the scooter until the red lamp turn to green, If the battery is over discharged and not recharged in time, will cause the battery unuseful.
- (3) Power source indicator (on thumb accelerator) doesn't light after opening electric switch: check if plug (4 pcs) connect tightly, no loosen among plug-in components

Please do next step after ensuring above problems don't exist

Checking method for operating scooter (B):

- (1) Remove the rubber skin of scooter cover, loosen 6 screws and remove the cover carefully.
- (2) Red indicator on thumb accelerator doesn't light: Check if input switch with boat type has 36 volts ,(middle red wire is input port, side red wire is output port.) .If not, please check if connection-peg of red input wire connect tightly, no loosen among plug-in components.
- (3) Check if red output wire of accumulator case has 36V volts.; If not, please open the rubber belt buckle and 4 screws to check both ports of fuse can contact well, change the fuse(30A) if the ports don't contact well. After ensuring the ports contact well, recheck if there are some lack welding and untightness. Except above problems, please replace accumulator case.
- (4) Check if output switch with boat type has 36 volts (switch is open),and measure the voltage between red and black wire, If it doesn't have, please replace the switch.

Please do next step after ensuring above problems don't exist

Checking method for operating scooter (C):

(1) Disconnect brake handle bar (unplug the connecting line from the brake to controller), then press thumb accelerator, if the motor rotates at the same time, please replace brake handle bar.

(2) Check controller and thumb accelerator: (press thumb accelerator at different positions)

(note: ensure these plugs are in connecting condition when measure volt. If there is no changing volt, please replace thumb accelerator).

(3) Press thumb accelerator, measure if there are 36 volts outputting from blue/green wire of controller. If not, please replace controller.

Please do next step after ensuring above problems don't exist

Checking method for operating scooter (D):

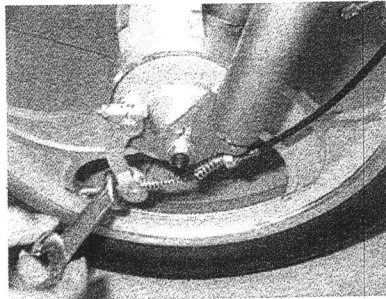
- (1) If single motor doesn't work, please disregard above A,B,C points and follow up below process directly.
- (2) 3 cores connection-peg (yellow is right sensor sign wire, orange is left sensor sign wire and purple is 36V output wire), press thumb accelerator to drive motor, the sensor is bad (please go back to previous direction)
- (3) press thumb accelerator to check output power of relay(right: red/black wire; left: yellow/black wire) measure changing volt 0-36V among red/black or yellow/black wire while rotating direction bar. If there are changing volt 0-36V outputting from relay means the motor is bad; if no changing volt 0-36V output, means the relay is bad.

TRX

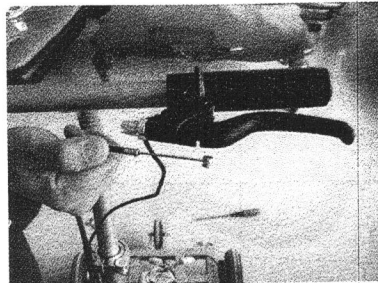
Repair guide

Brake replacement

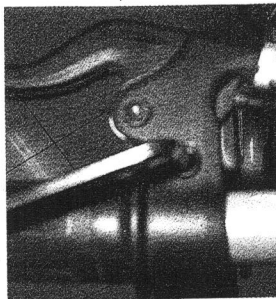
1. Loosen the screw and remove the brake cable from the front wheel.



2. Rotate the adjustment screw into a straight line and squeeze the brake, rotate the brake cable and remove the brake cable.



3. Remove the grip. Loosen the screw and remove the brake. Disconnect the plug with the controller.

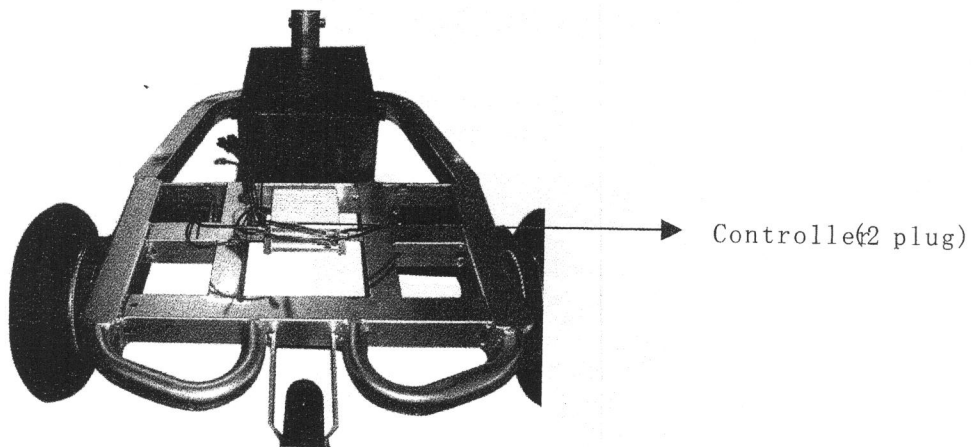


4. Replace with new brake cable and install in opposite method.
5. Adjust the new brake cable accordingly.

TRX

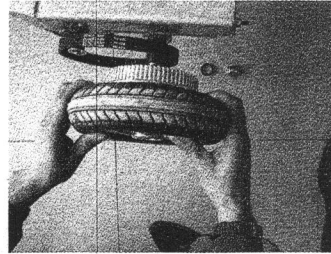
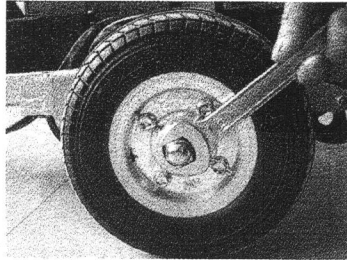
Controller Replacement:

1. Remove deck.
2. Disconnect all wires from controller.
3. Remove old I controller, replace with new.
4. Attach all wires and replace deck.

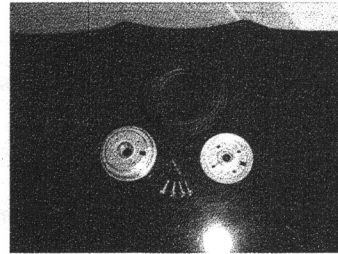
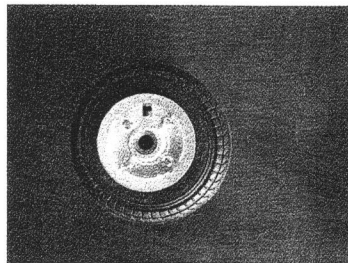


Rear Tire Replacement:

1. Loosen the bolt. Take off the nut and remove the Airless tire.



2. Loosen the screws and open the hub.



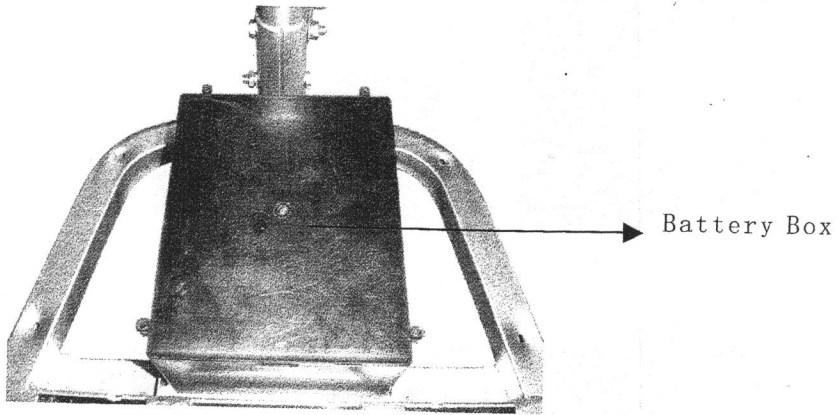
3. Replace with the new tire and follow the picture to install.



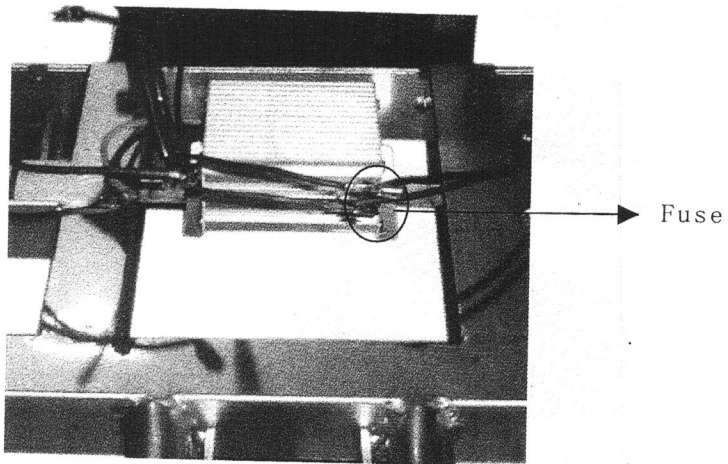
TRX

Battery Fuse Replacement:

1. Remove cover from battery box



2. Remove old fuse and replace accordingly.



Battery Pack Replacement

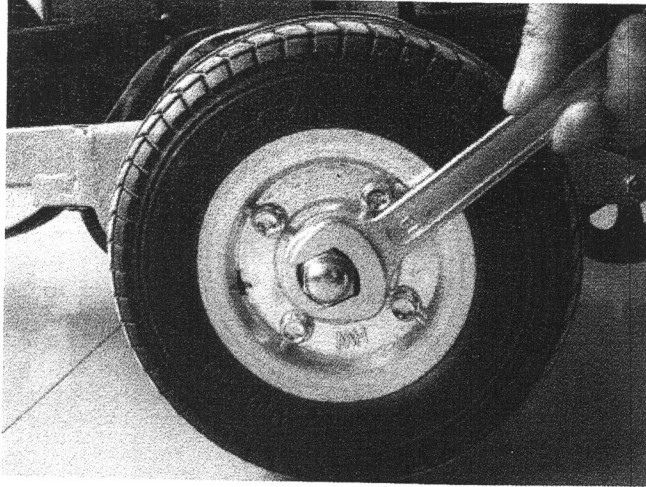
1. Disconnect all the wires from battery pack.
2. Remove old battery pack.
3. Replace and connect wires accordingly.



TRX

Drive belt replacement

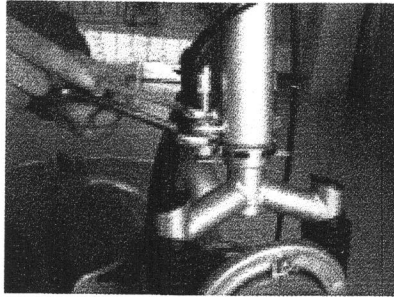
1. Loosen the bolt and remove the tire.



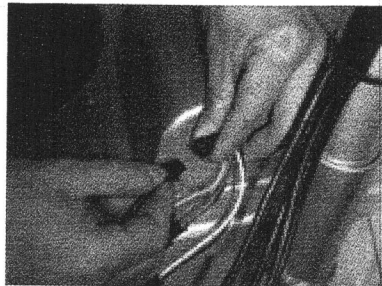
2. Remove drive belt and replace with new drive belt.
3. Install the tire and tighten the bolt accordingly.

Directional Sensor Replacement

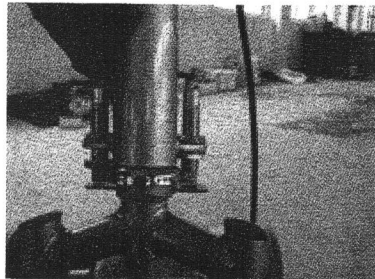
1. Loosen the bolt on top and bottom of directional sensor.



2. Disconnect from controller.



3. Install new directional sensor. Adjust the height of the sensor in order to make sure that directional sensor does not come into contact with steel half-moon plate. Gap between the sensor and the plate should be 1-2 mm.

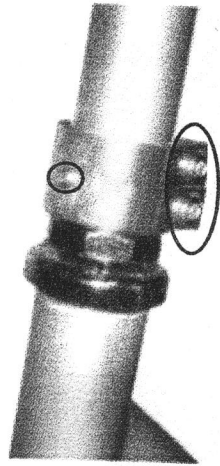


4. Connect wires to controller.

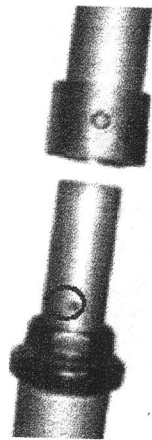
TRX

Handle Bar Tube Plastic Insert replacement (Down):

1. Loosen screws on clamp clip.
2. Remove the handlebar tube.

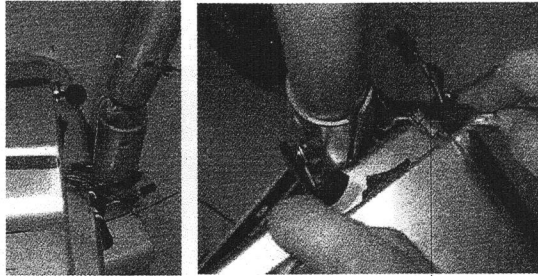


3. Remove plastic insert and replace with new insert .
4. Align the holes on the insert with holes on tube and tight on screws accordingly.

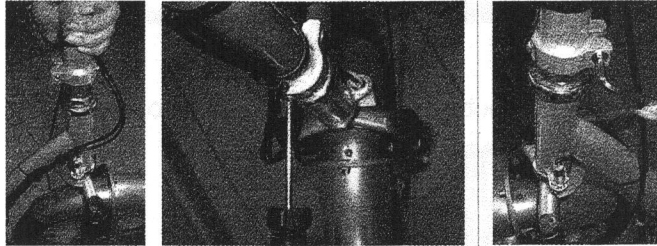


Installation Instruction

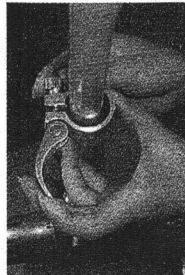
1. Insert the front fork and tighten the screws.



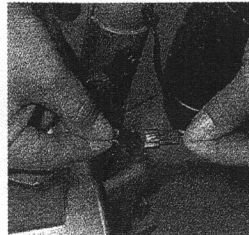
2. Insert the handlebar tube into the front fork and tighten the screws.



3. Adjust the handlebar height to your right position.



4. Connect wires to controller accordingly.

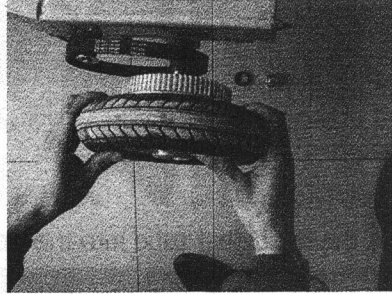
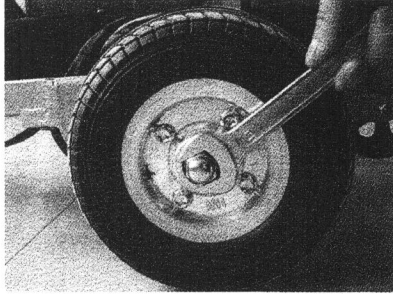


Please charge the scooter before each ride.

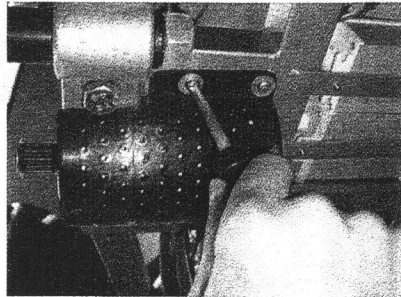
TRX

Motor Replacement:

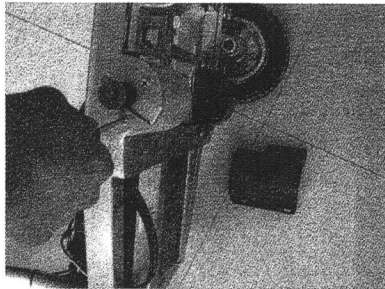
1. Loosen the bolt to take off the nut and remove the tire.



2. Take off the drive belt .
3. Loosen the screw of the motor cover and take off the cover.



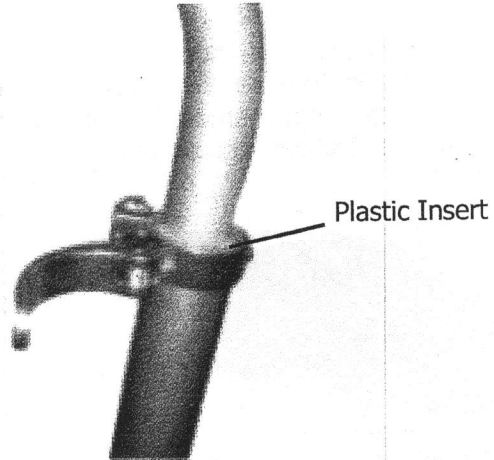
4. Loosen the screw and remove the motor and disconnect the plug with controller, then replace with the new motor.



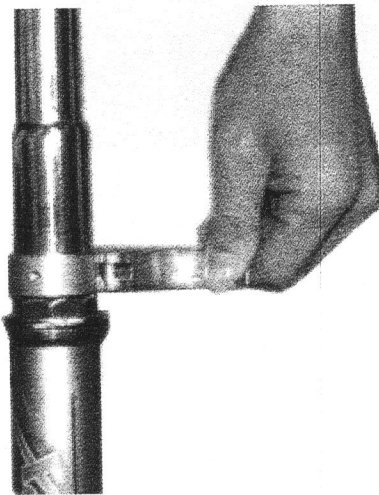
5. Install the motor cover, belt and tire.

Handle Bar Tube Plastic Insert Replacement (up):

1. Loosen the quick release lever and take off the handlebar, then take out the plastic insert.



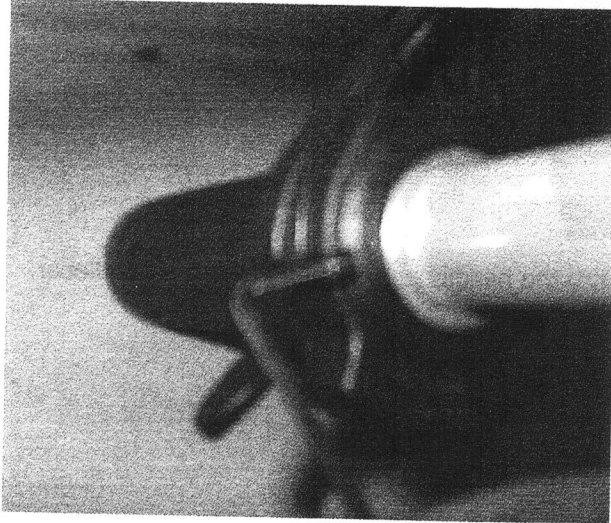
2. Insert the new plastic insert into the handlebar and then insert the handlebar.



TRX

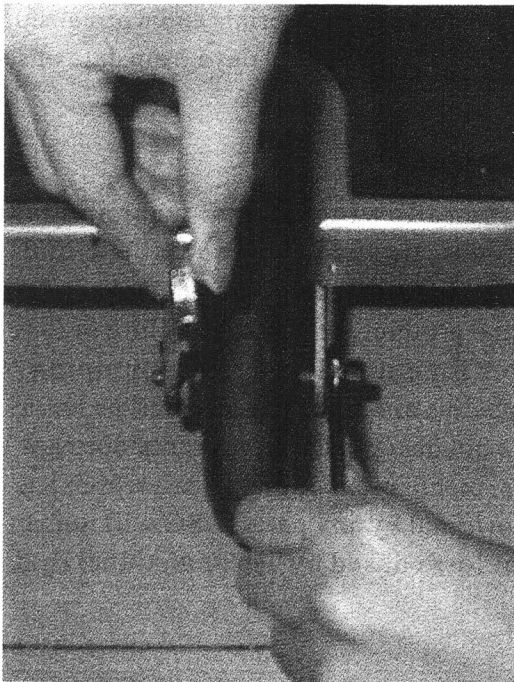
Thumb throttle Replacement:

1. Loosen the screw on the bottom of the thumb throttle.
2. Pull the thumb throttle in order to remove the plastic handle bar grip.
3. Disconnect the thumb throttle wiring harness from the controller.
4. Replace new thumb throttle. Tighten accordingly.
5. Replace handle bar grip.
6. Reattach wire to controller.



Urethane Wheel Replacement:

1. Loosen the screws. Take off the axle and remove the Urethane wheel.



2. Replace with a new Urethane wheel, insert the axle and tighten the screws.

GE-E1000