























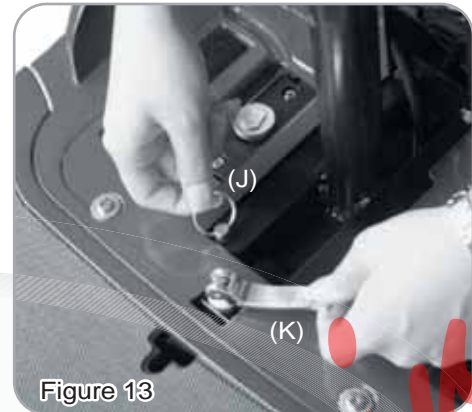
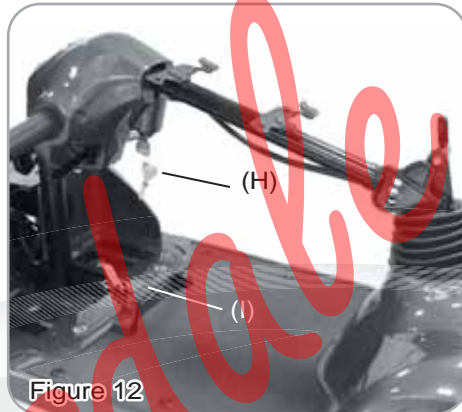






5. Pull out Locking Lever (H) and place tiller on the end of legroom. (See Fig. 12)

6. Remove guide pin (J) underneath the rear section where battery pack placed. Unlatch the lever (K) to loosen, and slowly extend front section away from rear section until cable is seen. (See Fig. 13)



7. Disconnect cable underneath legroom (L). Once disconnected, front and rear sections can be separated. (See Fig. 14)

8. There are 5 main parts after disassembling scooter. It consists of front, rear seat basket and battery pack. (See Fig. 15)



## RE-ASSEMBLING YOUR SCOOTER

To assemble scooter, you can repeat the disassembly direction in reverse. Abbreviated directions are given below. Refer to the Figures on pages 11 - 12 to locate parts.

1. Connect rear section to front section of scooter together with a guide pin to lock in place. And attach two cables together underneath. Make you push lever in place to latch both sections together.
2. Pull up Tiller Angle Adjustment lever to lock tiller into its upright position.
3. Place front basket.
4. Place battery pack in battery compartment.
5. Place seat on seat post and pulling Seat Rotation Lever upwards to putting down seat into seat post then tighten seat lock knob to secure.

Nix's Table  
Wheelchairs

## CHARGING THE BATTERIES

Your C.T.M. scooter is equipped with two sealed, service free 12V. 12Ah. rechargeable batteries and one 24V/2A charger. Batteries must be charged before using scooter for the first time and should be recharged after each day's use. Be sure power switch is OFF and free-wheeling lever (M) is not in Neutral.

1. Insert battery charger cord into charger socket on charger output.

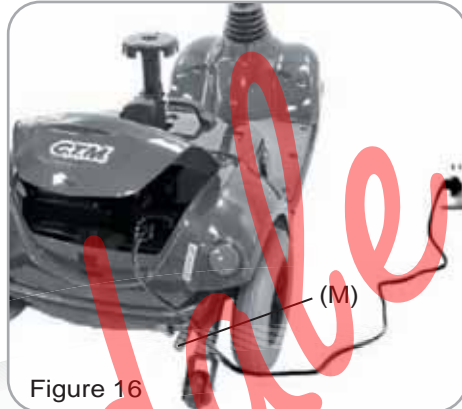


Figure 16



Figure 17

2. Plug the other end (N) of the charger lead into a standard electrical wall outlet.
3. The battery charger light will normally be red and yellow at this point.
4. Allow charging until the battery charger light turns green.
5. After light turns green, unplug battery charger from scooter and wall outlet.
6. If at any time, the charger light flashes green over 40 minutes, this indicates abnormal charging occurred. You should check that:
  - charger plugs are correctly positioned
  - fuse is not burned out
  - scooter is turned off.
 If none of these is a problem, contact your authorized dealer.



**The time needed to recharge will vary depending on depletion of batteries. Charging for longer than necessary will not harm batteries. They can not be overcharged.**

### Keep in mind these rules :

Fully charge batteries at least once a month; more if you use scooter regularly. Charge after each trip exceeding 3 kilometers / 1.86 miles.

If storing your scooter for some time (one month or more) make sure that batteries are fully charged; and on returning, charge them again before using scooter.

Batteries will only give maximum performance after scooter has been used, and batteries have been recharged up to 10 times.

For Safety, please follow the guidelines below.

1. DO NOT use the charger if the power cord is damaged.
2. DO NOT use an extension cord when charging batteries. A risk of fire and/or electric shock could occur.
3. DO NOT take charger apart, as this will void the warranty.
4. Never attempt to open battery pack if it is necessary to replace batteries. Have a certified technician to handle all repairs, and contact your dealer.



## CARE AND MAINTENANCE

Taking care of your scooter will keep it in top-notch condition. It is recommended that you discuss with local authorized dealer for a preventative maintenance schedule. Here are few maintenance guidelines :

**BODY COVER** : if your scooter is dirty, use a damp or lightly soapy cloth to wipe it down. Do not use running water to wash or rinse the scooter in order to protect the electrical parts. Polish with an automotive liquid polish.

**SEAT AND ARMREST** : Using a damp cloth helps clean the upholstery. Please note that using scooter outdoor can wear upholstery's material because of sun's rays. Normal wearing or tearing condition is not covered under warranty.

An authorized dealer should do all maintenance and repair that relate to electronics, batteries, motor parts, and tires.

Also between uses, your scooter is best stored in a dry area under room temperature.

**TROUBLESHOOTING**

To check the Self-Diagnostic Warning Light, turn on the key and count the number of flashes.

Flash Code/Fault	Impact on Scooter	Notes
1. Battery needs recharging	Will drive	Battery is running low. Recharge batteries as soon as possible.
2. Battery voltage too low	Drive inhibited	Battery is empty. Recharge the batteries. If the scooter is left off for a few minutes, battery charge might recover enough to allow driving for a short time.
3. Battery voltage too high	Drive inhibited	Battery charge is too high. If a charger is plugged in, unplug it or turn the Charge/Run switch to Run. Scooters powered by RHINO charge the batteries when travelling down slopes or decelerating. Excessive charging in this manner can cause this fault. Turn the scooter power off then on again. If necessary, reduce speed when descending the slope.
4. Current limit time-out	Drive inhibited	The scooter has drawn too much current for too long, possibly because the motor has been over-worked, jammed or stalled. Turn the scooter power off, leave for a few minutes, and then turn the power back on again. The controller has detected a shorted motor. Check the loom for shorts and check the motor. Contact your service agent.
5. Brake fault	Drive inhibited	Check that the park-brake release lever is in the engaged position. Check that the motor/park-brake connector is plugged in firmly. The park-brake coil or wiring is faulty. Check the park brake and wiring for open or short circuits. If necessary, unplug the motor/park-brake connector and check that all four pins are in the correct position. If this flash code does not appear until the throttle has been moved out of neutral, check for a short in the park-brake circuit. If this flash code appears at power-up, check for an open circuit in the park-brake circuit. Contact your service agent.
6. Out of neutral at power-up	Drive inhibited	Throttle is not in neutral position when turning key switch on. Return throttle to neutral, turn power off, and back on again. Throttle may need to be re-calibrated (see Section 4.2.3). Check throttle wiring.
7. Speed Pot error	Drive inhibited	The throttle or its wiring is faulty. Check for open or short circuits. Throttle may not be correctly set up. Contact your service agent.
8. Motor volts error	Drive inhibited	The motor or its wiring is faulty. Check for open or shot circuits. Contact your service agent.
9. Other internal errors	Drive inhibited	Contact your service agent.

**Other Problems :**

The scooter will not move when the power is turned on:

1. Check battery gauge on control panel. Battery gauge should be in the green area.
2. Check the Self-Diagnostic Warning Light. It should be steady. If it is flashing, see chart on page 16 for problem identification.
3. Check all electrical connections to be sure they are tight.
4. Verify the shipping stickers at bottom of battery pack are removed.
5. If none of above correct the problem, contact your authorized dealer.

If charging your scooter over 8 hours and light on charger does not change to green, then contact your authorized dealer.

## SPECIFICATION

Overall Length	43.7"
Overall Width	18.5"
Overall Height	33.1"
Wheels: Front	8"
Wheels: Rear	8"
Weight w/ Batteries	94.4 lbs
Max. Speed	5 mph
Weight Capacity	253 lbs
Ground Clearance	1.4"
Grade Climbable	8 degree
Curb Climbing	1.6"
Turning Radius	45.3"
Suspension	N/A
Brake	Electro-Mechanical
Seat Type	Padded Foldable Swivel
Seat Width	16.7"
Motor Size	250W, 4600 r.p.m
Battery	(2) 12V. 12Ah
Battery Weight	22 lbs
Travel Range	5.6 Miles
Battery Charger	2A On Board
Electronics	On / Off Key Switch, Battery Level Indicator, Speed Control Knob

\*Subject to change without notice. (Issue A 07/02/2014 )