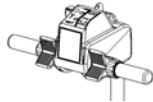




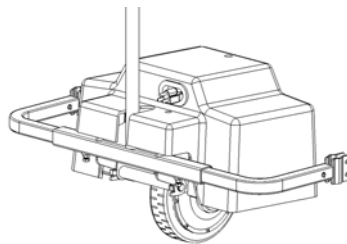
Model 1026

Wheelchair Assist

OWNERS MANUAL



*Wheelchair
Assist*



17"Wx18"Lx35"H

Patents Pending

CONGRATULATIONS

You have just purchased the best electric Wheelchair-Assist on the market today. These units incorporate the very latest in technological advances. To assure you of the best and safest performance as well as longest life, please read the enclosed information. After reading this manual, if you should require further information, please call our sales department at 1-800-637-8436. For service problems or to order parts call 1-800-637-8436. Be sure to give the serial number to the service department personnel.

For Information and Sales Call ConvaQuip Ind., Inc. at 1-800-637-8436

For Service and Parts Call 1-800-637-8436

(Please have the serial number available)

IMPORTANT DOCUMENT—DO NOT DISCARD

Wheelchair Assist

Date Manufactured:

Date Shipped:

Serial Number:



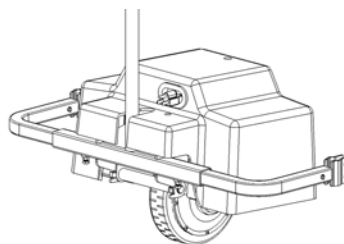
IMPORTANT DOCUMENT—DO NOT DISCARD

ConvaQuip Ind., Inc.

Wheelchair Assist



***Wheelchair
Assist***



Patents Pending

ConvaQuip Ind., Inc.

P.O. Box 3417

Abilene, TX 79604

Phone: (800) 637-8436, Fax: (325) 677-7217

Web site: www.convaquip.com

Manufactured for ConvaQuip Ind., Inc.

(Made in the USA)



Limited Warranty

- **Warranty—One-year** from date of shipment.
- **Battery**—Six full months from date of shipment. Replacement batteries carry a six-month warranty. Must provide serial number of cart. Charging the battery for 24 hours is required to determine that actual replacement is needed.
- **Parts-Limited Warranty**—All parts, except circuit breakers needing resetting, and broken keys in switches, are warranted by the manufacturer to be free from defects in material and workmanship for a period of six-months from date of shipment. This warranty does not include wear and tear caused by above normal usage, abuse, negligence, freight damage, or damage caused by improper use or care, or by outside sources such as fire, floods, etc. If component has failed due to defect in material or workmanship, it will be replaced or repaired at the manufacturer's discretion at no charge to the owner.
- **Labor**—The manufacturer will cover labor charges for work performed in the field for one year from the date of shipment as a result of defect in materials and workmanship. Charges incurred for resetting the circuit breaker and broken keys in switches are exempt. Double service calls due to improper first call service or lack of repair parts are exempt.

The above warranties exclude shipping, handling, or travel expenses incurred for the repair of said unit or parts as well as items worn out through normal use whose malfunction is not attributable to defect.

All warranty claims should be called in to (800) 637-8436 or (325) 677-4177. Ask for service. Please provide serial number for warranty verification when requesting service.

For Information and Sales Call 1-800-637-8436

For Service Call 1-800-637-8436 (Please have the serial number available)



—*Important Safety Instructions*—

Please read before operating.

Warnings

- Never attempt to charge the battery in this cart without using an electrical outlet that is protected by a GFCI, (Ground Fault Circuit Interrupter).
- Replace charging cord if plug is damaged or if the cord is worn or frayed.
- Never use the charging cord without proper grounding. Do not use if plug does not have three terminals.
- Always disconnect power before servicing.
- See “Daily Maintenance Checklist,” and follow instructions.

Freight Damage

CHECK

- The shipping carton for any visible damage. Report the damage to the freight carrier immediately. File a claim with the carrier if actual damage to your cart has occurred.
- Contents of the carton. The contents should agree with the information listed on the packing list. Report any discrepancy to the carrier and the factory immediately.

Recommended Operating Procedures

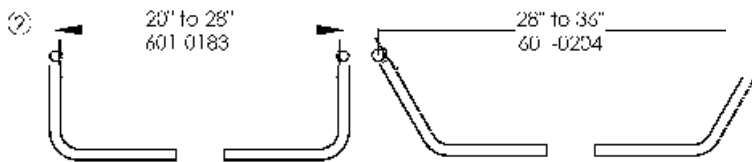
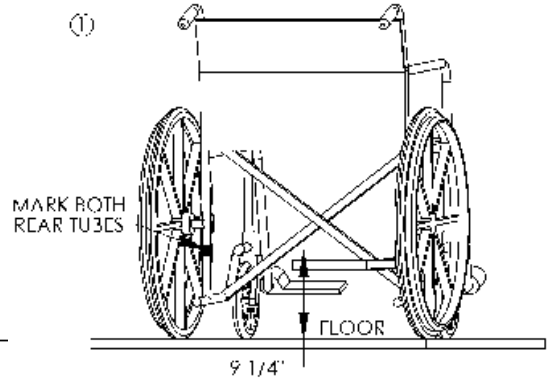
- **New units may need charging!** Charge batteries for 24 hours prior to first use.
- **DO NOT STAND ON UNIT.**
- **DO NOT** allow children to operate or play on unit. Keep cart secured with key.
- After batteries are charged, disconnect power supply cord and return power cord to the cord reel before operating unit.
- Insert key into key switch on control box and turn counter clockwise and press control button to “ON”, Green light will appear (POWER ON).
- Check speed dial knob on left hand side of control box. (Optional)
- Place both hands on handlebars.
- Move top YELLOW lever forward to go forward.
- Move bottom YELLOW lever back to go backwards.
- Depress control “ON” button down for horn.
- To stop: Release YELLOW lever.
- To turn off: Turn key clockwise.
- Always charge unit when not in use.
- Remove key.

Attention

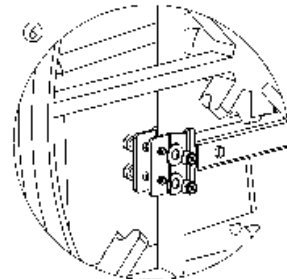
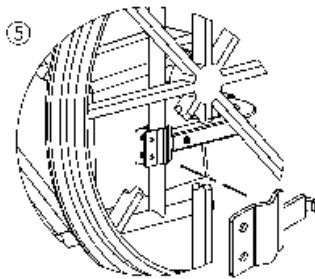
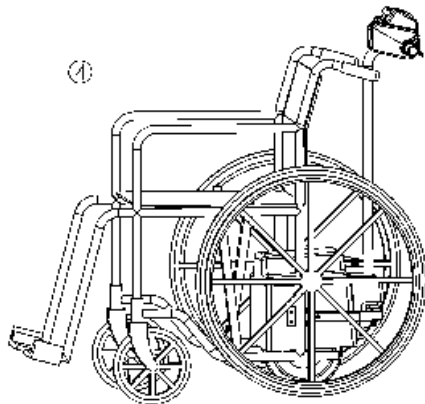
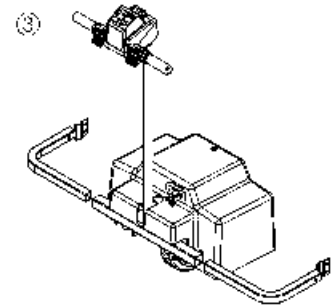
It is the responsibility of the owner of this unit to maintain the unit in a safe and reliable operating condition at all times.

Wheelchair Assist Assembly Instructions

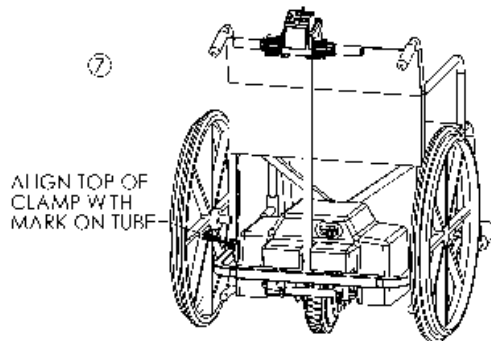
- Measure and mark each rear wheelchair down tube at 9 1/4" from the floor. (see figure #1)
- Measure the distance between the wheelchair rear down tubes. Use support tubes 601-0183 for 20" to 28" or support tubes 601-0204 for 28" to 36". (see figure #2)



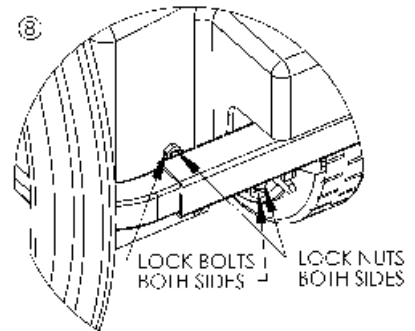
- Align support tubes with receiver tubes in rear of Wheelchair Assist unit. DO NOT TIGHTEN RECEIVER BOLTS. (see figure #3)
- Position Wheelchair Assist unit between wheelchair rear wheels with support tubes facing forward. (see figure #4)



- One side at a time, place the clamp into the support tube and around wheelchair down tube as seen in figure #4. Assemble clamp, bolts, washers and nuts as seen in figure #5. DO NOT TIGHTEN.
- Position each clamp so that the top of the clamp is aligned with 9 1/4" mark on wheelchair down tube. Tighten all clamp bolts. (see figure #7)



- Center Wheelchair Assist Unit between wheelchair rear wheels. Tighten receiver bolts and lock nuts. (see figure #8)
- Check Wheelchair Assist Unit for operation.





the following items should be checked daily:

—Replace cord if cord is worn or frayed, 3-pronged plug is broken or

Daily Maintenance Check List t provides protection through an operating “Ground

For optimum unit availability and performance,

- **ELECTRIC CORD** for smooth “start, acceleration, deceleration and stop.” Repair if necessary. Change or replace battery if needed.

Fault Circuit Repair (FCR) (Multi-Tug, EMT)

- **THROTTLE** Repair or replace any component that would cause a potential safety hazard. —Wipe off and clean as needed.

- **CASTERS**

- **GENERAL**

- **APPEARANCE**

upter (GFCI) in the electrical circuit wherever the unit is to be charged. This is to protect against any possible shock hazard.

Battery Charging is 115/230 @ 60/50Hz VAC. Charge batteries every night, all night,

- and all applicable safety. When the batteries are fully charged, the charger will maintain a not damage the batteries.

- Fully discharged batteries will take 12 hours to fully charge, so it is best not to let the

Do not store the unit with discharged batteries for more than 30 days, as this can cause

- premature battery failure. Fully charge the batteries at least every 30 days, if in a low usage batteries become completely discharged.

- No maintenance of batteries is required. The batteries are maintenance free and water

location.

Be Responsible! Recycle old batteries or dispose of according to local or national codes.

ions on battery - avoid any sparks)

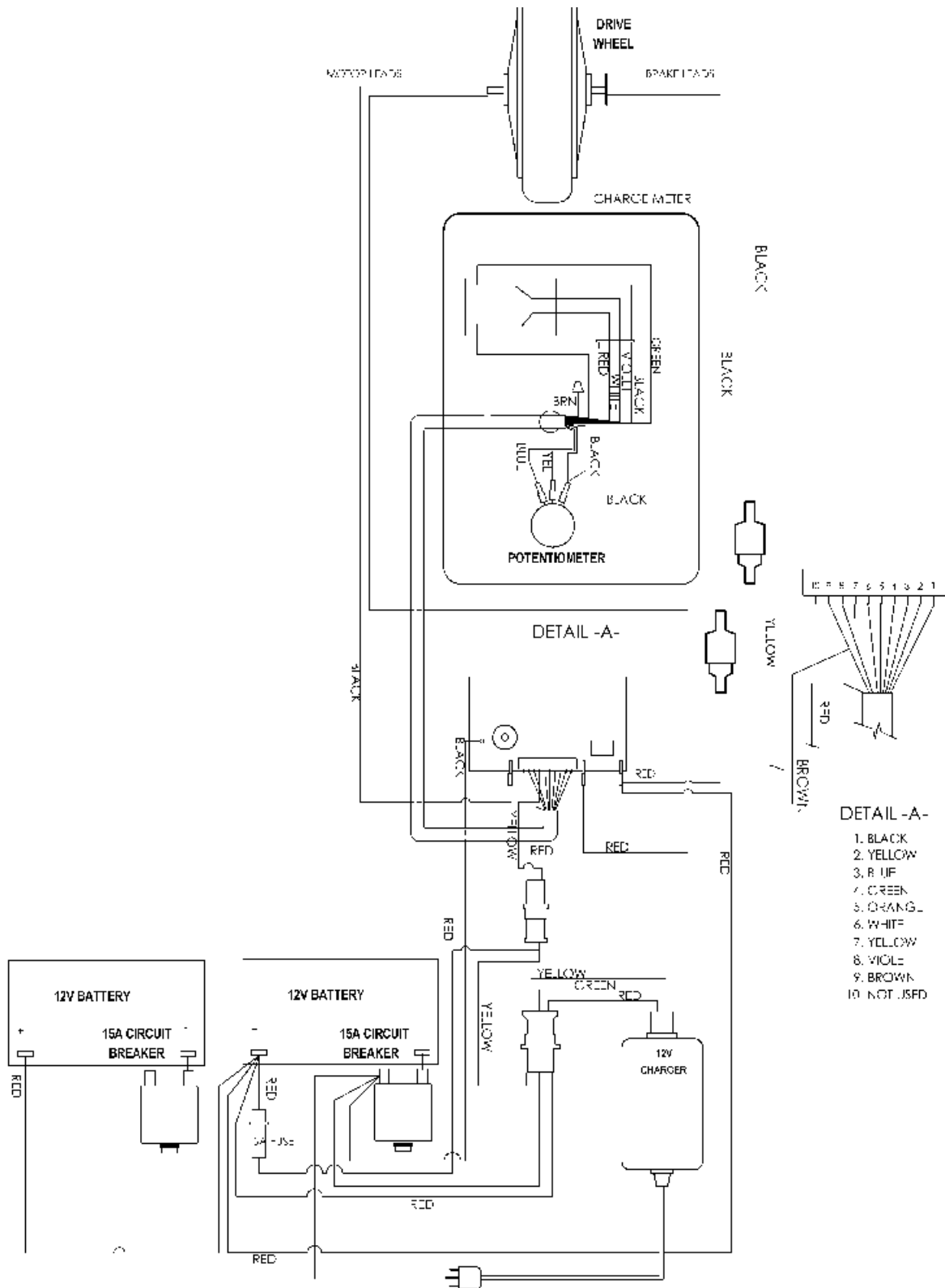
Battery Replacement and remove key. Disconnect charger cord from wall outlet, if plugged

- To Replace Batteries: (Read precauti
- Disconnect the negative and positive wire bundles from the battery posts and remove the in. **CAUTION: Do not cross battery posts with metal object!**
- Connect the red leads to the positive post (+) first. Connect the black leads to the negative post (-). Reposition protective cover over positive post. **WARNING: Reversing battery connections may damage motor controller!**

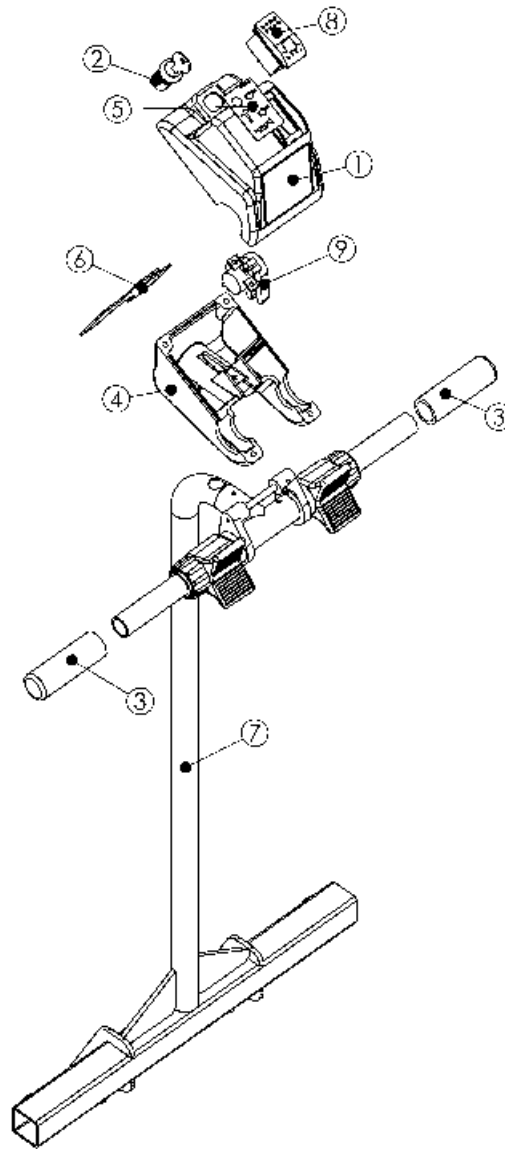
: Your unit has been equipped with AGM batteries during the manufacturing process as original equipment. The manufacturer recommends that you replace the original batteries only with the same type and rating to prevent damage to your unit’s internal

IMPORTANT charging system, or personal injury to you. Manufacturer is not responsible for any adverse effects caused by replacement with any other type of batteries.

Wheelchair Assist Wiring Diagram



***Wheelchair Assist
Control Box
Exploded View***

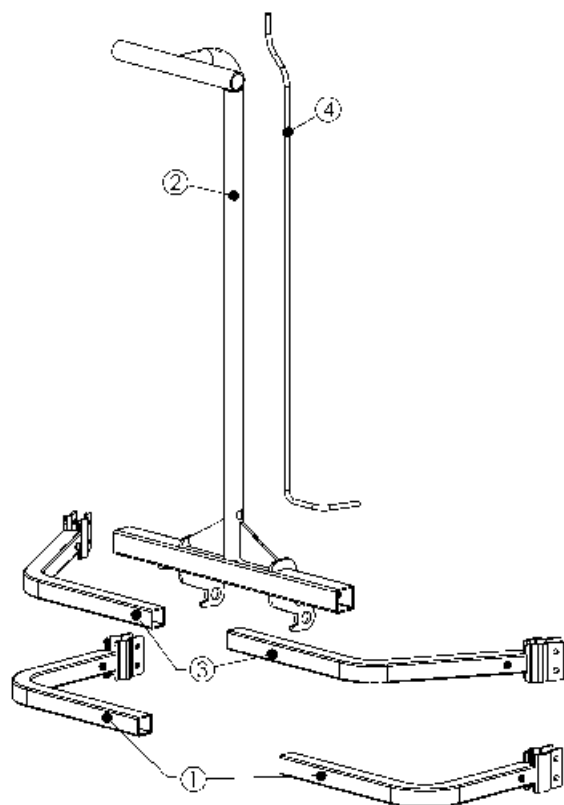


Item	Part#	Description
1	601-0048	Control Box Top Cover
2	601-0159	Key Switch
3	601-0162	Vinyl Grip (Black)
4	601-0163	Control Box Bottom Cover
5	601-0164	Top Control Box Overlay
6	601-0165	Control Box Divider
7	601-0195	Steering Column
8	601-0209	Rocker Switch Assembly
9	601-0210	Potentiometer Assembly

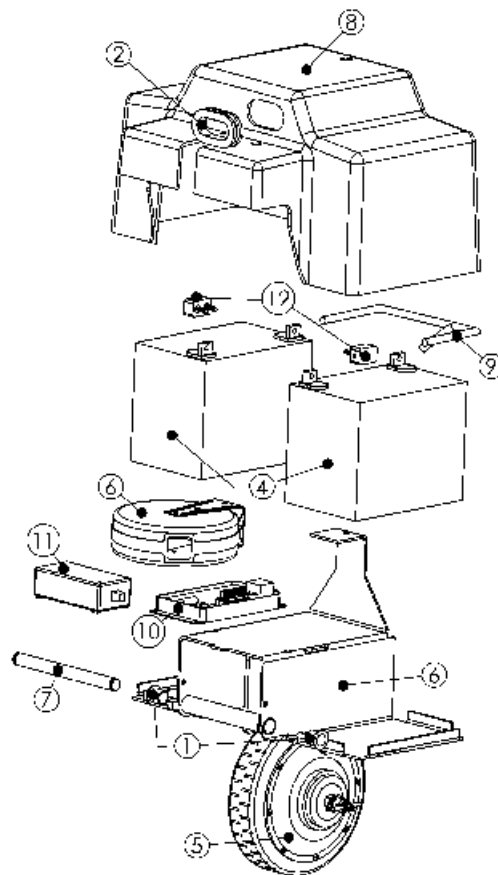
Control Box Kits

Part#	Description
601-0218	Control Box Top Assembly (1,2,5,8,9)
601-0219	Box Top with Decal (1,5)

Wheelchair Assist Exploded View



Item	Part#	Description
1	601-0183	20-28" Support Tube Assembly
2	601-0195	Steering Column
3	601-0204	28-36" Support Tube Assembly
4	601-0213	Control Cable



Item	Part#	Description
1	601-0111	5/8" Bronze Flange Bearing
2	601-0155	Grommet
6	601-0158	Cord Reel
4	601-0175	35 Amp Battery
5	601-0179	24VDC Hub Motor
6	601-0184	Main Frame
7	601-0187	Hinge Pin
8	601-0188	Main Cover
9	601-0199	Battery Cable
10	601-0207	12V PWM Controller
11	601-0208	12VDC Battery Charger
12	601-0212	1.5 Amp Circuit Breaker

Wheelchair Assist Wiring Schematic

