



AMIGO MOBILITY INTERNATIONAL

OWNER'S MANUAL



Amigo RT



Amigo RD



Amigo HD

Improving Lives Through Mobility® since 1968

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Customer Service

Phone: 800-249-9131

Hours: 7:30 a.m. to 5:30 p.m. EST Monday-Friday

Email: service@myamigo.com

Please reference the serial number when contacting customer service.



Al Thieme 1968

In 1968, Al Thieme was working as a plumbing and heating contractor in Bridgeport, Michigan, when a family member began to lose mobility due to multiple sclerosis.

At the time, the only options for personal mobility devices were manual; it was clear to Al that there must be a better way. After countless evenings spent working in his garage, he invented the first-ever power-operated vehicle, the Amigo, and an entire industry was born.

Today, Amigo Mobility remains an industry leader, building all our products in Bridgeport and shipping them worldwide.

Here at Amigo, we take pride in crafting quality products you can enjoy for years because our mission of *Improving Lives Through Mobility®* is at the heart of everything we do. Thank you for trusting us with your independence.

SAFETY FIRST

For your convenience and understanding, signal words are defined below:



WARNING

Warning is used to indicate the presence of a hazard that can cause severe personal injury, death, or substantial property damage if the warning is ignored.



CAUTION

Caution is used to indicate the presence of a hazard that will or can cause minor personal injury or substantial property damage if the warning is ignored.

Read this owner's manual carefully before using the Amigo.

Precautions

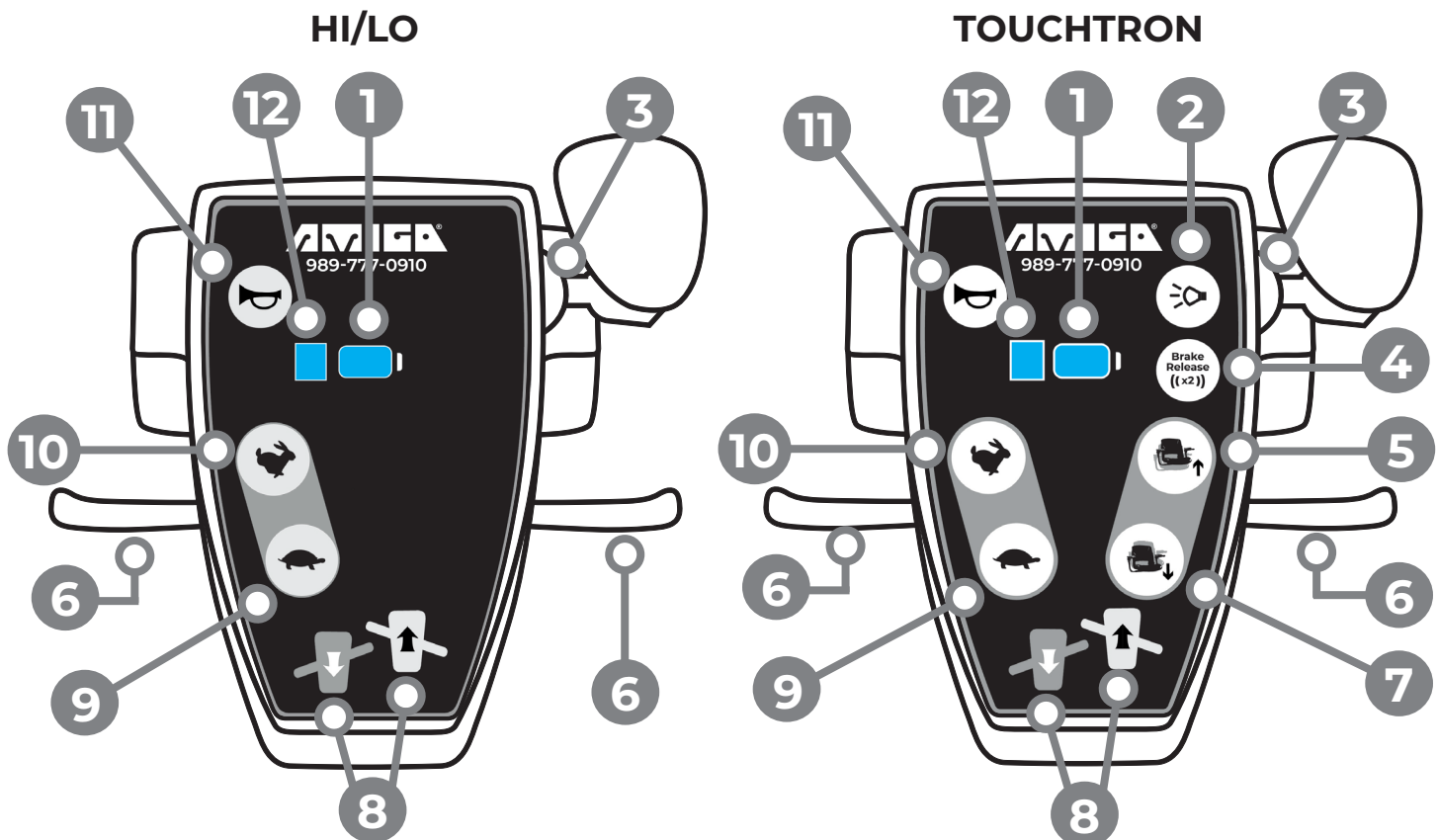
- Always turn the key switch OFF before getting on or off your Amigo.
- When transferring on or off your Amigo, make sure the seat lock is in the locked position.
- Always remain seated while the Amigo is in operation.
- Keep your legs on the platform while driving.
- Ensure you stop the Amigo completely before changing direction while driving.
- Take turns slowly while driving the Amigo, as turning too fast could cause it to tip.
- Always drive slowly and straight up and down inclines.
- Be careful when maneuvering on inclines or ramps. Not all ramps are constructed according to federal standards. The federal standard for wheelchair ramps is 1 inch (2.5 centimeters) rise per foot (30 centimeters).
- Avoid sudden starts and accelerate gradually.
- Drive in pedestrian areas only.
- Always approach obstacles at a low speed if you intend to drive over them.
- Always drive with the power seat lift in its lowest position (if applicable).
- Ensure the seat is locked during vehicle operation.
- When transporting the Amigo, fold the handle down to the seat. Place the handles down so the controls will not be damaged. Tighten the knob to secure the handle.
- Do not exceed the maximum weight capacity, as doing so will void your warranty and may result in personal injury and damage to your Amigo. Amigo Mobility International, Inc. will not be responsible for injuries and/or property damage resulting from failure to observe weight limitations.
- Do not reverse down or park on a steep hill or incline.
- Do not push the retractable cord reel into the rear cover.

- Do not drive over or off obstacles more than 1 inch (2.5 cm) high. This could be unsafe and could damage your Amigo.
- Do not operate your Amigo near stairs, steps, curbs, or terraces where you might accidentally drop a wheel off the edge.
- Do not disengage the brake on a slope.
- Do not put the Amigo into “freewheeling” mode on any incline.
- Do not leave the brake release in the “freewheeling” position.
- Do not use the handle to assist in transferring on or off the Amigo.
- Do not sit on the Amigo in a moving vehicle.
- Do not remove the ground wire, as it aids in static discharge.

HANDLE CONTROLS

- | | |
|--|--|
| 1. Battery gauge | 7. Power seat lift down button (TouchTron only) |
| 2. Headlights/taillights button (TouchTron only) | 8. Forward & reverse diagrams for accelerator levers |
| 3. On/off key switch | 9. Turtle button; decrease speed |
| 4. Brake release button (TouchTron only) | 10. Rabbit button; increase speed |
| 5. Power seat lift up button (TouchTron only) | 11. Horn button |
| 6. Accelerator lever (right & left) | 12. Speed indicator/Diagnostic codes |

Note: Every time a button is activated on the touchpad, you will hear a chirp.



ADJUSTING THE AMIGO

EZ-Tilt Handle Adjustment

To adjust the angle of the handle, turn the adjustment lever counterclockwise. Next, move the handle to the desired position, then tighten the adjustment lever by turning it clockwise (Figure 1).

The placement of the spring-activated adjustment lever can be moved for your comfort. Press the button and turn the lever in either direction. Release the lever at the desired placement (Figure 2).

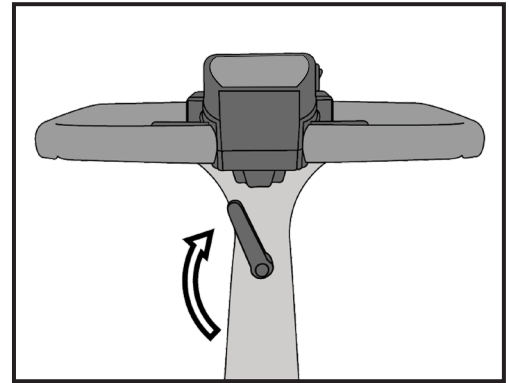


Figure 1

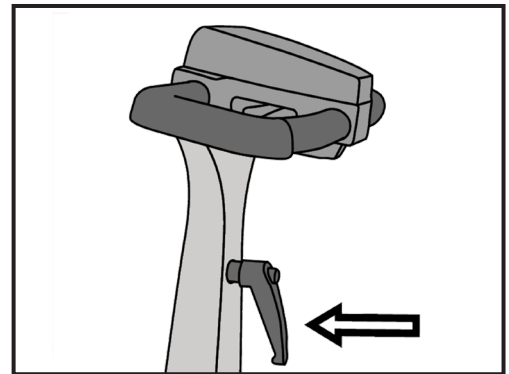


Figure 2

CAUTION



Do not use the adjustment lever as a footrest. Doing so may cause the adjustment lever to loosen the ez-tilt handle, which could result in personal injury.

Armrest Width Adjustment

To adjust the width of the armrests, loosen the armrest knobs and tighten them when the arms are at the desired width.

Flip-Up Armrests

Pull up on the end of either armrest to flip it back for easy transfer in and out of the Amigo.

Seat Installation

1. Unlock the seat lock (see below).
2. Insert the upper seat post into the opening of the lower seat post.
3. Spin the seat around to ensure it rotates freely.
4. To lock the seat, pull the seat lock lever toward the rear of the seat.

Seat Lock Lever

The seat can rotate 360 degrees and can lock in any position. The seat lock lever is a bar with a vinyl cap on its end, located under the seat (Figure 3). To rotate the seat, push the lever forward. Once you are in the desired position, pull the lever back to lock it.

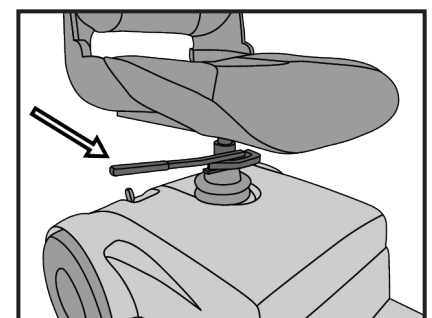


Figure 3

Seat Height Adjustment Without Power Seat Lift

To adjust the seat height, remove the nut and screw that keep the seat collar in place on the seat post. Then, adjust the seat to the desired height and reinstall the nut and screw in the appropriate hole on the seat post (Figure 4).

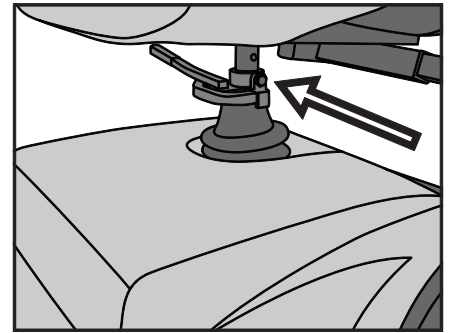


Figure 4

Power Seat Lift Operation (Optional)

To operate the power seat lift, press the seat/directional arrow buttons on the TouchTron handle to raise or lower the seat (Figure 5). You cannot use the power seat lift while moving, and always drive with the power seat lift in its lowest position.

**CAUTION**

To avoid damaging the power seat lift motor, release the seat button once it reaches its highest or lowest point.

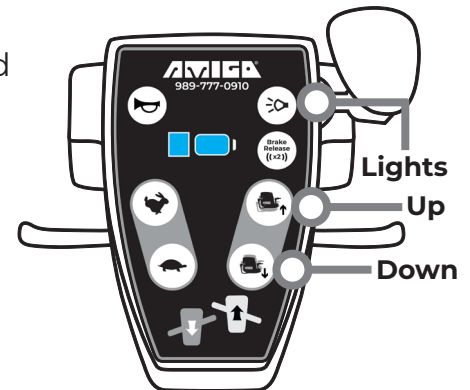


Figure 5

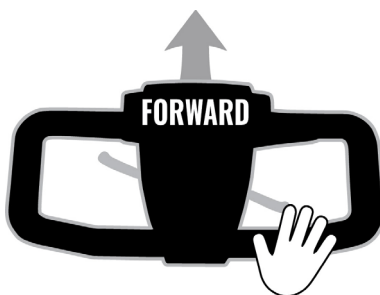
LED Light Package Operation (Optional)

The optional lighting package available with the TouchTron handle includes a front headlight and rear taillights. The power must be on to operate the headlight or taillights. The headlight and taillights can be activated by pressing the lights button (Figure 5) and will “chirp” when pressed. Press this button again to turn the lights off.

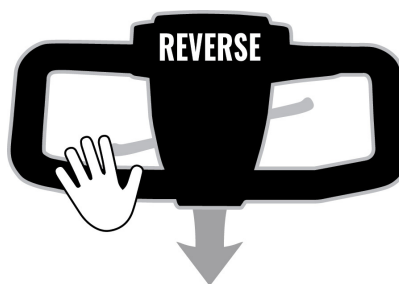
OPERATING INSTRUCTIONS

Basic Driving

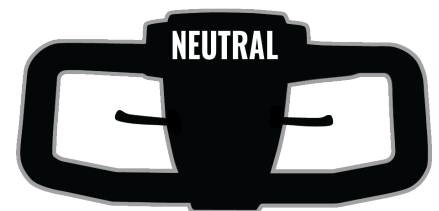
Ensure you're on a level surface. Once you're seated, push the seat lock lever forward to easily position the seat for safe driving, then pull the lever back to lock it. Make sure you're properly seated, then insert the key and turn it to the **ON** position. Ensure the speed is set to its lowest setting.



To move forward, pull the right throttle lever towards you. For left-handed users, push the left throttle lever away from you.



To operate in reverse, pull the left throttle lever towards you. For left-handed users, pull the left throttle lever towards you.



By releasing the throttle lever, the Amigo will roll to a stop, and the brake will automatically engage.

- Regulate your maximum speeds with the rabbit and turtle buttons. To increase the speed, press the rabbit button. To decrease the speed, press the turtle button.
 - You may have to press the buttons several times to see a change in the speed indicator. Continuous “chirping” sounds indicate the highest and lowest speed settings have been reached. **Note:** *When the Amigo is at its lowest speed, it may not move in reverse.*
- When steering the Amigo, turn wide so the rear wheels clear any obstacles. When steering in a tight spot, such as through a doorway or turning around, stop and then apply power gently.
- Use the horn button to avoid confrontation with pedestrians and other mobile entities.
- Ensure the headlight is on when driving at night. TouchTron models use the headlight button, while Hi/Lo models automatically illuminate the headlight when driving.

Speed Indicator and Diagnostic Codes

The speed indicator will display a **solid number** from 1 through 5, indicating the speed level your Amigo is set to (Figure 6). This number **does not** indicate miles per hour.

The Amigo has a built-in diagnostic feature that uses the same display as your speed gauge (Figure 6). If your Amigo requires service, **the number on the display will flash continuously**. See page 17 for more information on diagnostic codes.

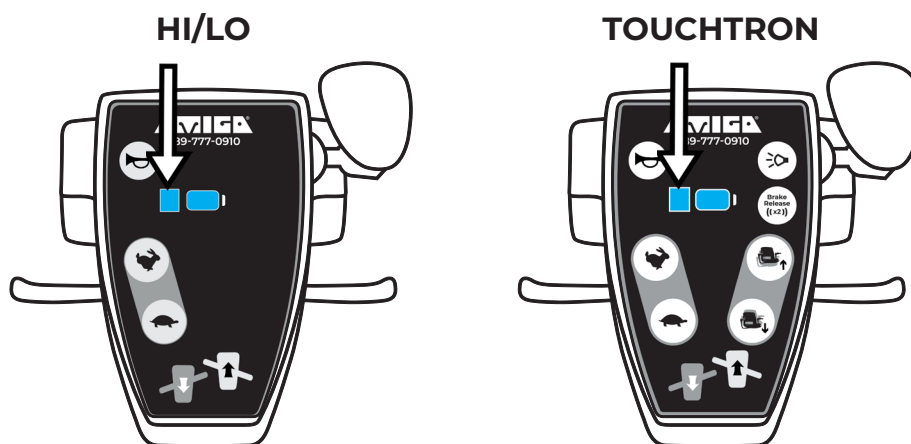


Figure 6

Driving Through Doorways

When driving through doorways, use the Amigo's power to do the work for you.

Hold the doorknob or push bar in one hand and, with your other hand, gently drive the Amigo forward to push the door open. If the door opens toward you, hold the doorknob or push bar in one hand and with your other hand, gently drive the Amigo in reverse to help open the door.

When the door is open wide enough, drive forward with your hand on the door to keep it free of the Amigo and let go as you pass the door jamb. If the door doesn't close on its own, stop when you're clear of the door and push it closed.

Driving on Ramps

The Americans with Disabilities Act requires buildings to have ramps for power-operated vehicle (POV) access. Some ramps include 180-degree turns, so POVs must be able to maneuver tightly around corners. When navigating tight corners, turn wide so the rear wheels clear the corner. When driving up a ramp or curb, lean forward in your seat for maximum stability and safety. If you are stopped on an incline, apply forward power to continue moving, and accelerate gently. Drive slowly down ramps or hills for safety.

Driving Over Grass, Gravel, & Grades (Recommended For RD & HD)

The RD and HD drive well on grass, gravel, and on hills, but you should avoid long, unkempt grass. Do not exceed the parameters defined in this manual. If you're unsure about any terrain or parameters, refer to the safety first section on page 3.

Riding in Elevators

Back into an elevator to exit forward. Be sure the elevator is level with the floor.

Manually Moving the Amigo

The Amigo can be moved manually if necessary. First, locate the manual brake lever on the rear cover, then push the manual brake lever forward to engage freewheeling mode. To disengage freewheeling mode, pull the brake lever toward the rear of the Amigo (Figure 7). When the Amigo is in “normal” mode, you can drive it as normal.

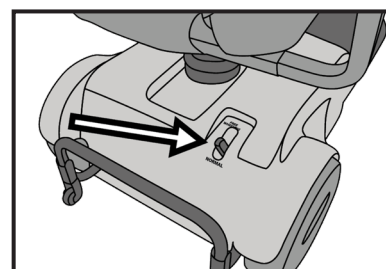


Figure 7

The TouchTron handle has a brake release button that electronically releases the brake (Figure 8). Press the button twice, and the low-speed segment of the speed gauge will blink to indicate freewheeling mode is engaged. To disengage freewheeling mode electronically, press any button besides the horn button, or pull the accelerator lever.

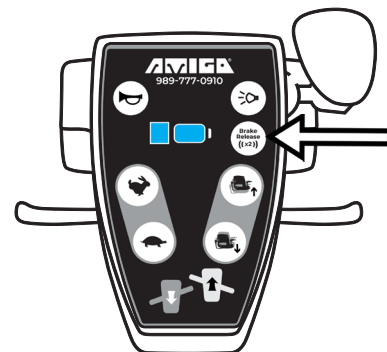


Figure 8

Sleep Mode

If the Amigo is on and inactive for over 25 minutes, it will automatically switch to sleep mode to reduce power and conserve battery. To reactivate your Amigo, switch it off and on again. It is recommended that you turn the key to the **OFF** position when you are done using the Amigo to ensure power is completely turned off.

TRANSPORTATION

We recommend you transport your Amigo in the trunk or back of a vehicle. Amigos are not tested to be used as seats for private or public transportation vehicles. If you want to stay on your Amigo in a vehicle, use an approved restraint system. Please see the warning on the following page.



WARNING

You should only use an approved restraint system, such as Q'Straint, if you choose to sit on the Amigo in a vehicle.

Disassembling the Amigo

1. Turn the Amigo off.
2. Unlock the seat and remove it from the Amigo.
3. Remove the batteries by removing the rear cover and using quick-disconnect tabs.
4. Fold the handle down to the platform by loosening the handle adjustment knob.
5. Put the Amigo in freewheel mode (Figure 7 on page 8), then lift the rear into the trunk of the vehicle and slide the rest into the trunk. This is easier to accomplish with two people.
6. Put the brake release lever in the “normal” position. This prevents the wheels from rotating when the batteries are removed.
7. Place the seat and batteries into the trunk.
8. If your Amigo has a power seat lift, we suggest placing a tennis ball with a small opening cut into it, or something similar, over the seat post to protect it.

Airline Travel

Amigo's sealed AGM and lithium batteries are approved for commercial airline travel. However, some airlines have special instructions for traveling with POVs that use lithium batteries, such as removing the batteries before checking the Amigo and transporting them as a carry-on. It's **strongly recommended** that you contact your airline for further instructions.

When you book your ticket, we also recommend you contact the airline to request escort assistance. This will ensure that your Amigo will be picked up and delivered at the boarding desk.

Special handling tags are suggested when transporting your Amigo by air. To get a pre-designed tag (Figure 9), visit the airline travel tips section on myamigo.com/accessible-travel-tips or scan the QR code.

○

SPECIAL HANDLING

Name: _____

Flight: _____

Destination: _____

AIRLINE TRAVEL

Figure 9



Vehicles

To transfer to a vehicle, make a parallel approach to the side, release the door latch, and open the door as you drive forward. Back parallel to the side of the car and into the door opening. Swivel the seat, lock it in position, and carefully slide onto the seat. On the driver's side, you can use the steering wheel for leverage.

Public Transportation

Some public transportation systems have accommodations for your Amigo. If you use public transportation, do not sit on the Amigo while the vehicle is moving. Instead, transfer to one of the vehicle's seats.



WARNING

It is recommended to turn off the Amigo when not in use or during transfers.

CHARGING INFORMATION

Charge the batteries if the leftmost segment of the battery gauge is lit and blinking and the horn emits a low chirping sound at one-minute intervals. At the start of charging, the battery indicator light on the handle will flash for approximately 20 seconds, then remain solid. The batteries are fully charged when the rightmost segment of the battery gauge is blinking. The Amigo may be charged with the key in either the **ON** or **OFF** position. The indicator will display only while in charging mode.

Charging Instructions

1. Park the Amigo near a standard wall outlet.
2. Pull gently on the cord reel plug in the rear cover near the bumper.
3. Pull out as much cord as needed (up to 10 feet/3 meters) to reach the outlet.
4. Connect the cord reel plug to the wall outlet.
5. Once the Amigo is charged, unplug the charger from the outlet and gently tug the cord to engage the retraction reel. Hold tension on the cord as it winds up. Do not let the cord flow freely back into the reel, and do not push it into the hole in the rear cover.

Charging Frequency

- Charge batteries when the Amigo is used daily.
- If it has not been in use for a long time, charge it for six to eight hours every 30 days.
- Extended charging is good for the batteries and will not overcharge them. Amigos have an overcharge protection feature so that the batteries can be charged anytime the Amigo is not being used.

Universal Charger (Optional)

A universal charger is available on many Amigos sold outside the United States. The universal charger uses a range of 90-240 volts AC power input, so it can charge on any electrical system globally. The universal charger is an option on models in the U.S. for people who travel abroad and want universal charging flexibility. Your charger is labeled, identifying which charging system it uses. Please see the caution on the following page.



CAUTION

Do not use a 24V charger configured for a 120V AC power input outside the U.S. in countries using a 220V AC power input. It will damage the charger.

BATTERY INFORMATION

The Amigo uses deep-cycle batteries, and we do not recommend using “standby” batteries for replacement. For maximum range and battery life, it is recommended that you fully charge the batteries before using the Amigo.

Battery Maintenance

- Clean any corrosion on the connections.
- Examine the cord periodically for cracking or damage.
- Be extra cautious not to drop metal onto the batteries.
- Remove jewelry and watches before working with batteries.
- Check for external damage to AC and DC cords.

Note: Batteries should last 18-36 months if fully charged daily. Ensuring the AC cord is in good operating condition will help extend battery life.



WARNING

If your batteries are damaged and a leak is apparent, call your authorized dealer immediately. Do not touch a leaking battery.

Battery Specifications

Amigo Model	Specs
RT, RD, HD	12V 18Ah AGM
RD, HD	12V 35Ah AGM
RT	12V 20Ah AGM
RD, HD	12V 32Ah GEL

Battery Precautions

- Fully charge the batteries with the original charging equipment in a dry location.
- When a battery is charged and discharged through a cycle, it breathes. The breathing battery emits acid fumes and may mark surfaces it rests on for extended periods. To avoid this, when removing batteries, place them on a surface that cannot be damaged.
- Never smoke or allow an open flame near batteries.
- Only use the Amigo charger for charging Amigo batteries. It is not intended to supply power to an extra-low-voltage electrical system or to charge dry cell batteries.
- Never charge frozen batteries.
- Do not use the charger in a closed-in area or restrict ventilation in any way.

Battery Storage

All Amigo rear-drive models use removable batteries that disconnect from the platform via a two-position connector. Each battery plugs into a matching connector on the platform, and either battery can be installed on either side. Always turn your Amigo off before removing or installing the batteries.



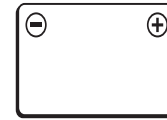
WARNING

To avoid damage to batteries during storage, **DO NOT** place them with the positive (+) and negative (-) terminals next to each other (Figure 10).

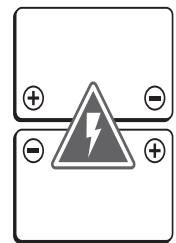


CAUTION

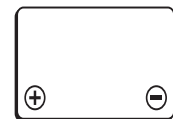
Failure to follow all safety instructions may result in personal injury or property damage.



Correct



Incorrect



Correct

Figure 10

CLEANING & MAINTENANCE

Tires

The tires should be cleaned with ordinary kitchen-type cleaners and a damp cloth. Don't use solvents on tires, as they can cause tire material to break down or become too soft.

Cover

The cover can be easily cleaned. Apply water directly on a cloth, wring it out, and use the dampened cloth with mild soap to remove dirt and oils. Use same application to rinse off soap residue in order to eliminate any film build-up. You may also use this same procedure to clean under the cover by fully removing it. **Do not** spray the Amigo with water. This can damage the electrical components. The cover may be waxed with car body wax and buffed by hand with a soft cloth.

Seat

The vinyl seat can be cleaned with a mild soap or detergent and a damp cloth. A vinyl cleaner can also be used. Cloth seats can be cleaned with a damp cloth or as any upholstery. Care should be taken not to soak cloth seats, as the interior foam can hold water.

Floor Mat

The floor mat should be cleaned with ordinary kitchen-type cleaners and a damp cloth. Do not use solvents on the floor mat, as they may cause the floor mat material to break down.

**CAUTION**

Do not expose the Amigo to spray-on cleaning solutions and excessive moisture, such as spraying it with a garden hose or shower, or leaving it uncovered in rain. Keep cleaning solvents away from electrical wires and connections.

Daily Maintenance

Charge batteries daily when the Amigo is used. Charge the battery fully to ensure proper battery operation. Extended charging is good for the batteries and will not overcharge them.

Monthly Maintenance

- Clean upholstery, plastic, and metal with a mild surface cleaner.
- Inspect batteries for any cracks or damage of any kind.
- Check and tighten any exposed fasteners.
- Make sure all fasteners are tight on all battery connections.
- Check tire pressure on pneumatic tires. When air filling tires, always refer to the manufacturer's specifications located on the face of the tire. Uneven tire pressure can cause excessive battery consumption and overheating of the controller, which can lead to failure of the Amigo.
- Check the static ground wire located under the Amigo. Replace if damaged or missing. The wire must be in contact with the floor when operating the Amigo.
- If the rubber boot on the armrest hinge is missing, replace it immediately.

**WARNING**

Exceeding the proper inflation level specified on the tires may damage them.

Six-Month Maintenance

- Check for corrosion on battery terminals and wire connections. To clean, use a light piece of emery cloth or brush and a mixture of ½ cup baking soda to 1–1½ cups water. Allow them to dry before reconnecting.
- Check all screws and clips that are holding wheels for tightness and wear.
- Check all electrical connections for clean, tight contact.
- The charging connection should be inspected for a tight connection.
- Check tires for wear.
- Inspect seat posts for wear.
- Clean and lubricate seat bearings on upper seat post.

Yearly Maintenance

- Have your authorized service center check your Amigo completely.
- Grease axle and wheel hubs.
- Clean and lubricate steering column bearings.

Checking General Condition

For maintenance operations, consult your authorized dealer, who has all the necessary information. Regular maintenance allows defective or worn parts to be identified and improves the normal operation of the Amigo and extends its working life.

Removing Rear Cover

To remove the cover, first tilt the handle fully forward and remove the seat, then remove the rubber boot from the lower seat post. Next, gently pull on the charging cord plug and pull out some of the cord, then lift the cover off the rear pins.

For the RT, separate the front Velcro fastener and lift the cover off. For the RD and HD, tilt the cover forward over the seat post (Figure 11).

To close the cover for the RT, press the front Velcro fastener together to secure the cover. Then return the handle to a comfortable position. For the RD and HD, guide the cover over the seat post, set it on the rear pins, and gently tug the charging cord to engage the retraction reel.

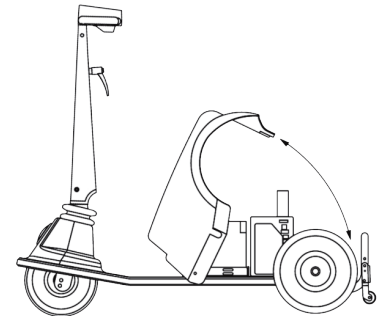


Figure 11

Lighting

The Amigo is equipped with a headlight and optional taillights. To replace the headlight, gently pry the rubber seal from the underside of the front housing and install the new headlight assembly. To prevent the headlight assembly from spinning once it is mounted, you may apply an adhesive such as hot melt glue. To replace the taillights, unscrew the nuts from the inside of the rear cover and install the new taillight assembly.

Fasteners Replacement

Use only Grade 8 (U.S.) or 10.9 DIN (metric) in all applications (Figure 12). For service and replacement parts, we recommend Amigo authorized parts.

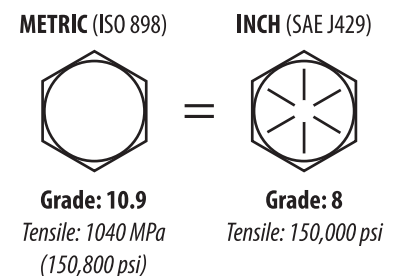


Figure 12

Transaxle Drive Systems

The transaxle drive is a precision assembly that is lubricated for long service. Do not attempt to open or service the assembly; this will void the warranty.

Microprocessor Controller

Do not attempt to service the controller or related electronic components, as this will void the warranty.

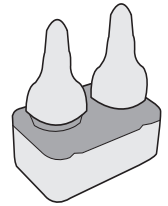


Figure 13

Circuit Breaker Replacement Instructions

An automatic resetting circuit breaker protects the wiring and battery in the event of a short circuit. It is located inside the cover (Figure 13).

SERIAL NUMBER LOCATIONS

- Below the handle on the steering column (Figure 14)
- Under the rear cover next to the right wheel (Figure 15)

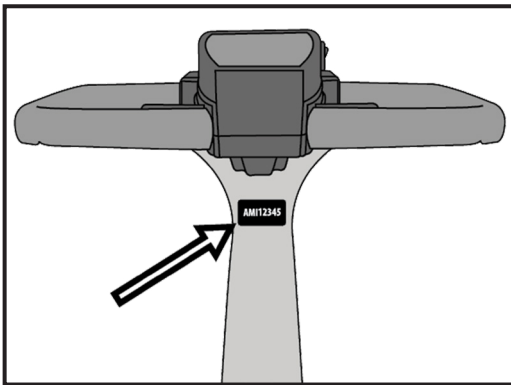


Figure 14

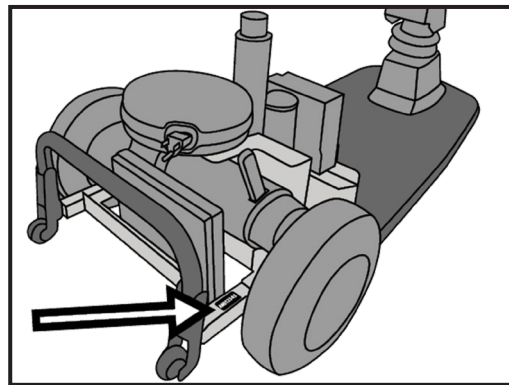


Figure 15

ELECTROMAGNETIC INTERFERENCE



WARNING

Radio wave sources may impact powered mobile vehicle control.

Electromagnetic Interference From Radio Wave Sources

Power-operated vehicles (POV) may be susceptible to electromagnetic interference, which is electromagnetic energy emitted from sources such as radio stations, TV stations, amateur radio (HAM) transmitters, two-way radios, and cell phones. The interference (from radio wave sources) can cause the POV to release its brakes, move by itself, or move in unintended directions. It can also permanently damage the POV's control system.

Three Main Sources of Radiated EMI

There are a number of sources of relatively intense electromagnetic fields in the everyday environment. Some of these sources are obvious and easy to avoid. Others are not apparent, and exposure is unavoidable. The following are the three broad classifications of EMI sources:

- Handheld portable transceivers (transmitters-receivers) with an antenna mounted directly on the transmitting unit. Examples include: citizens band (CB) radios, “walkie-talkie,” security, fire and police transceivers, cellular telephones, and other personal communication devices. Some of these devices transmit signals while they are on, even when they are not being used.
- Medium-range mobile transceivers, such as those used in police cars, fire trucks, ambulances, and taxis. These devices usually have the antenna mounted on the outside of the vehicle.
- Long-range transmitters and transceivers, such as commercial broadcast transmitters (radio and TV broadcast antenna towers) and amateur (HAM) radios.

POV EMI Warnings

Because electromagnetic energy rapidly becomes more intense as one moves closer to the source, the electromagnetic fields from handheld radio wave sources (transceivers) are of special concern. It is possible to unintentionally bring high levels of electromagnetic energy very close to the POV’s control system while using these devices. This can affect POV movement and braking. The warnings listed below are recommended to prevent possible interference with the control system of the POV, which could result in serious injury.

- DO NOT operate or turn on handheld personal communication devices, such as Citizens Band (CB) radios and cellular phones, while the vehicle is turned on.
- Avoid using your POV near transmitters such as radio stations, TV stations, and alarm systems.
- If unintended movement or brake release occurs, turn the vehicle off as soon as it is safe.
- Be aware that adding accessories or components or modifying the vehicle may make it more susceptible to interference from radio wave sources. There is no easy way to evaluate their effect on the overall immunity of the vehicle.
- Report all incidents of unintended movement or brake release to the mobile vehicle manufacturer and note whether there is a source of EMI nearby.

EMI Immunity

The intensity of the interfering EM energy can be measured in volts per meter (V/M). Each POV can resist EMI up to a certain intensity. This is called its “immunity level.” The higher the immunity level, the greater the protection.

- 20 volts per meter (V/M) is a generally achievable and useful immunity level against EMI (as of May 1994). The higher the level, the greater the protection.
- The immunity level of this product is not known.

DIAGNOSTIC CODES

If the Amigo requires service, a number will **flash** on the left side of the battery gauge for both the Hi/Lo and TouchTron handles (Figure 16). Use this guide to help diagnose the issue. For further support, contact your local service representative or call the Amigo customer service department at 800-248-9131.

Note: The first solution listed for each diagnostic code has been shown to fix the problem 80% of the time. Attempt solutions in the order listed.



Figure 16

1

Problem:
Em brake short

Solution:

- (1) Check all connections running from the brake to the controller.
- (2) Disconnect the brake wires from the controller. Restart the Amigo. If the code changes to a 2, replace the brake.
- (3) Replace the controller.

2

Problem:
Em brake open

Solution:

- (1) Check all connections running from the brake to the controller.
- (2) Replace the brake.
- (3) Replace the controller.

3

Problem:
Motor short

Solution:

- (1) Check all connections running from the motor to the controller.
- (2) Disconnect the motor wires from the controller. Restart the Amigo. If the code changes to a 4, replace the motor.
- (3) Replace the motor controller.

4

Problem:
Motor open

Solution:

- (1) Check all connections running from the motor to the controller.
- (2) Replace the motor.
- (3) Replace the controller.

5

Problem:
Throttle fault

Solution:

- (1) Check that the handle cable, the receptacle on the controller, and the throttle enclosure are in good condition.
- (2) Check to make sure the throttle levers move freely and returns to neutral position.
- (3) Replace the throttle device.

6

Problem:
Over temperature

Solution:

- (1) Turn the Amigo off and sit idle for 15 minutes. Restart and drive for five minutes to see if the code disappears.
- (2) Replace the brake and motor if causing excessive amp draw.
- (3) Replace the controller.

7

Problem:
Charger error

Solution:

- (1) Replace the DC charge cable and check by allowing the charger to run through a full charge cycle.
- (2) Replace the battery charger and check by allowing the charger to run through a full charge cycle.
- (3) Replace the controller and check by allowing the charger to run through a full charge cycle.

Note: You must allow the battery charger to run through a full charge cycle to make sure the problem has been corrected.

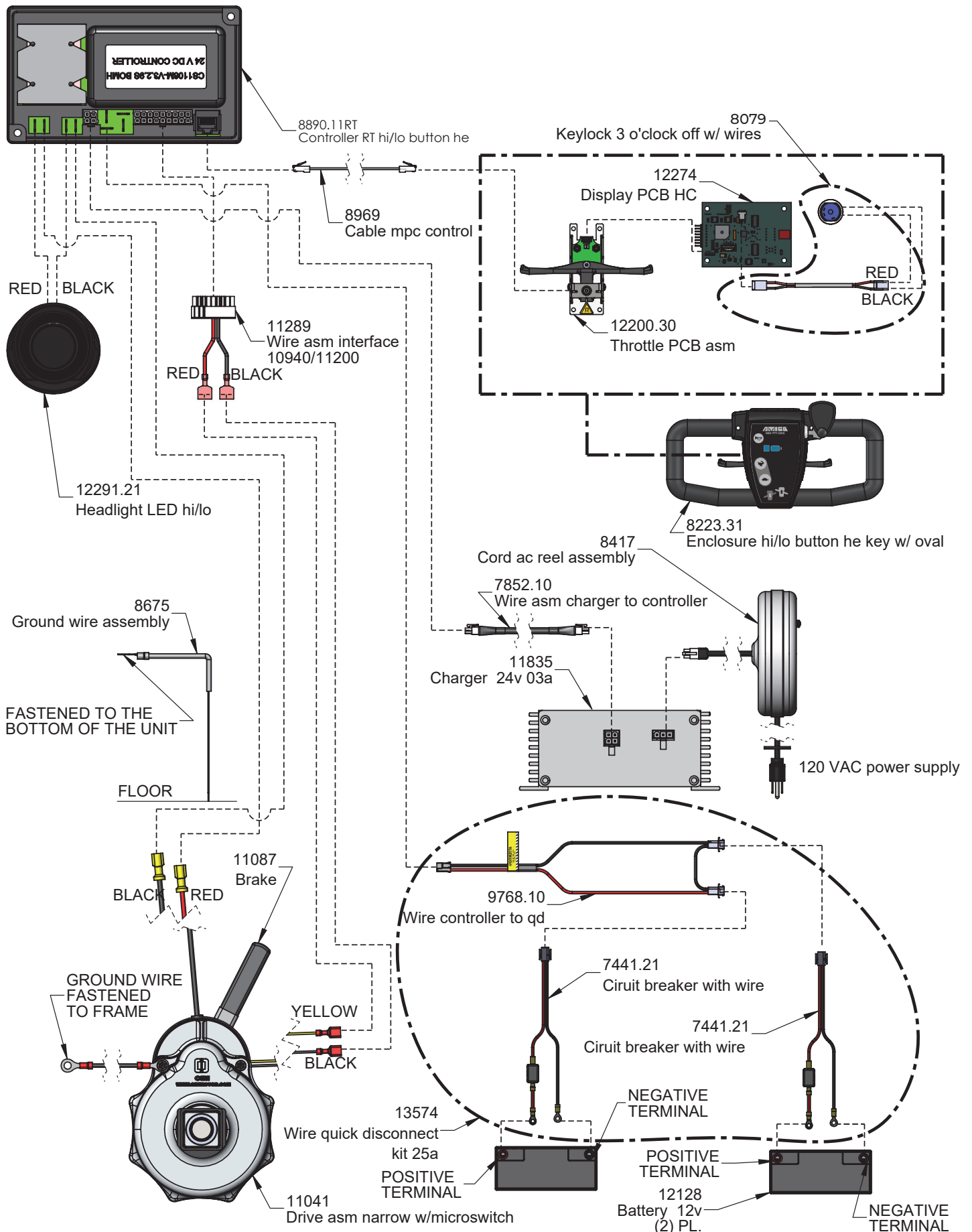
8

Problem:
Controller fault

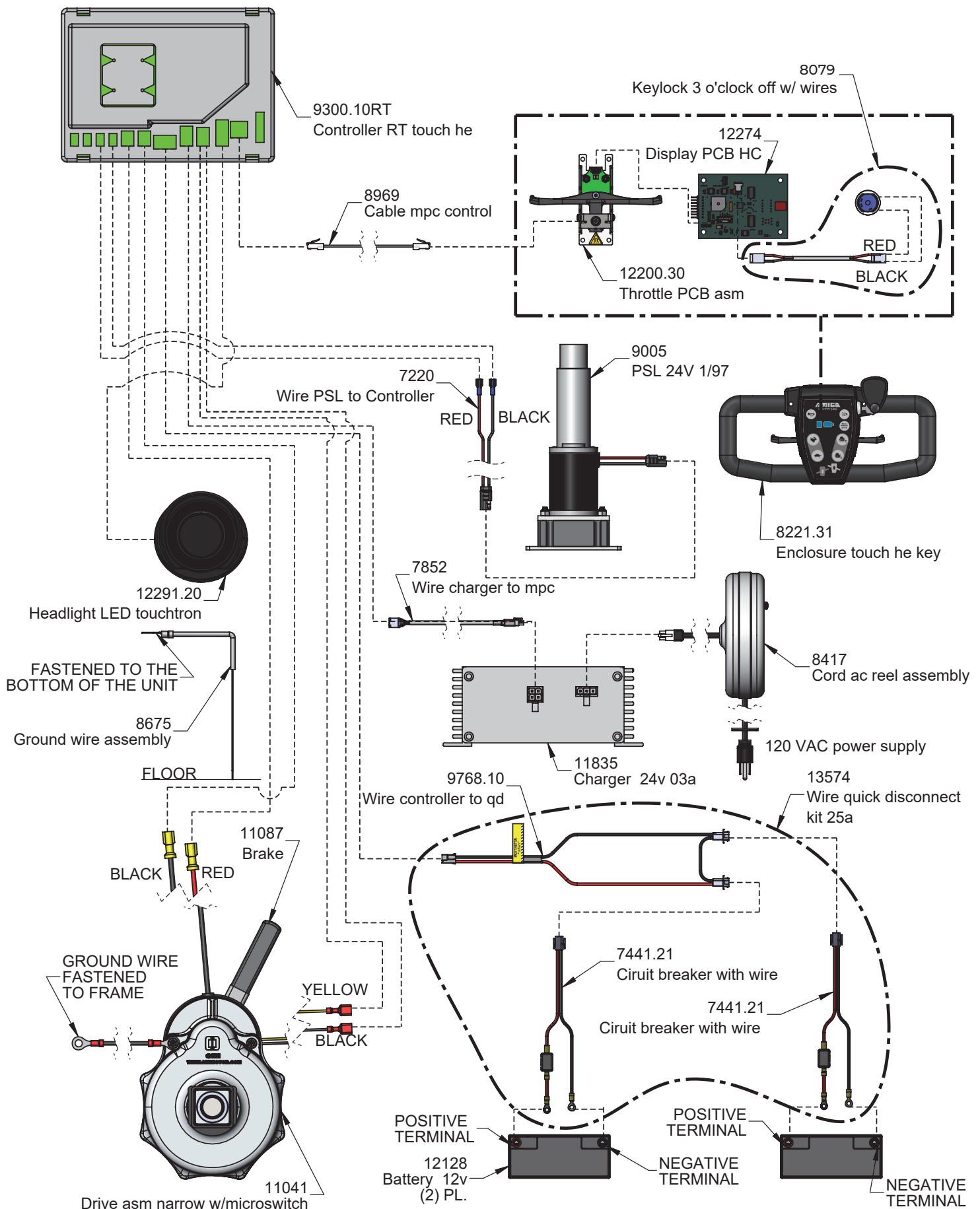
Solution:

- (1) Turn the Amigo off and let it sit idle for one minute. With a voltage meter connected to the batteries, restart the Amigo and measure the battery voltage. If it drops more than 1 volt, then replace the batteries.
- (2) Replace the controller.

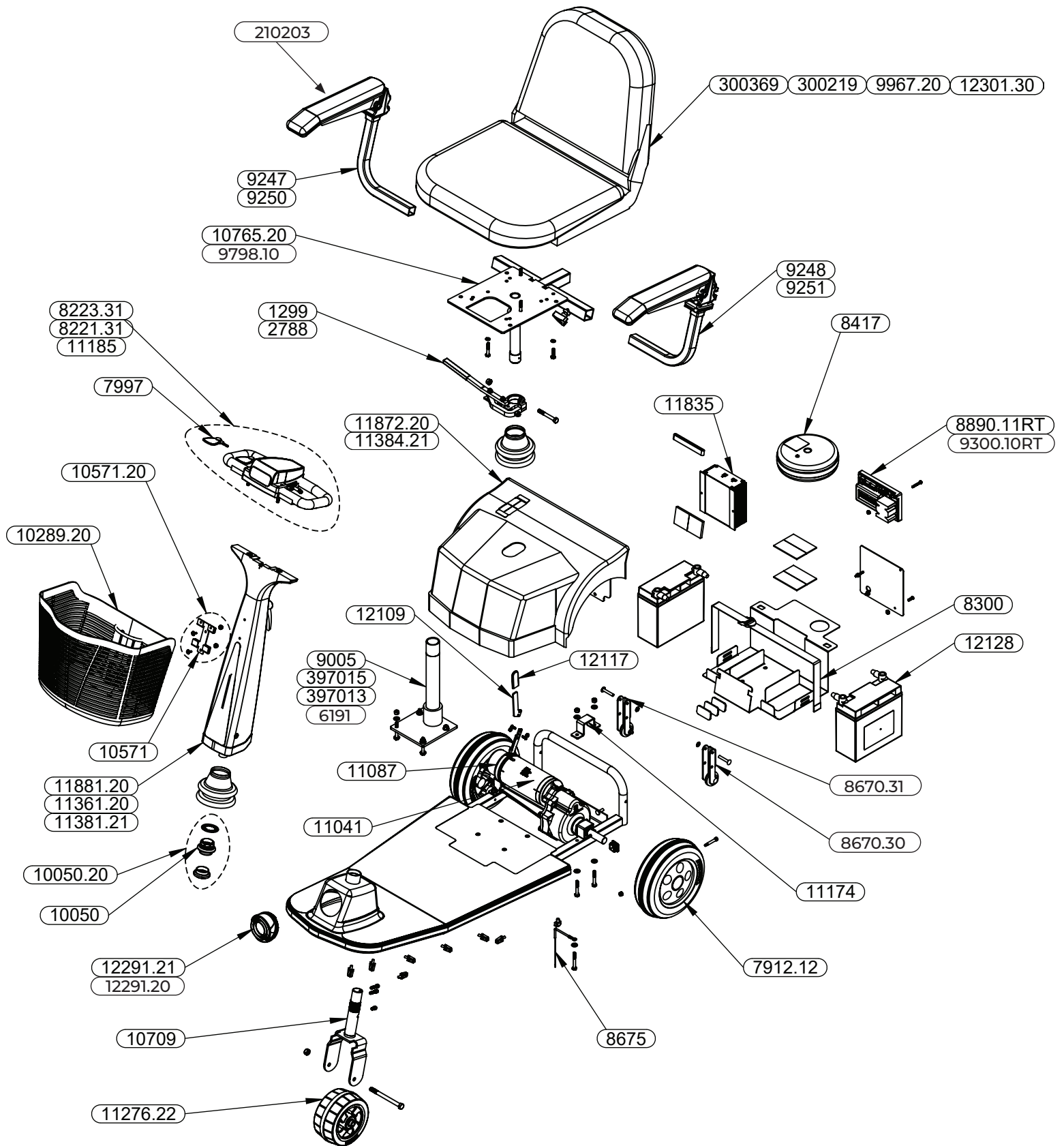
RT WIRING DIAGRAM: HI/LO



RT WIRING DIAGRAM: TOUCHTRON



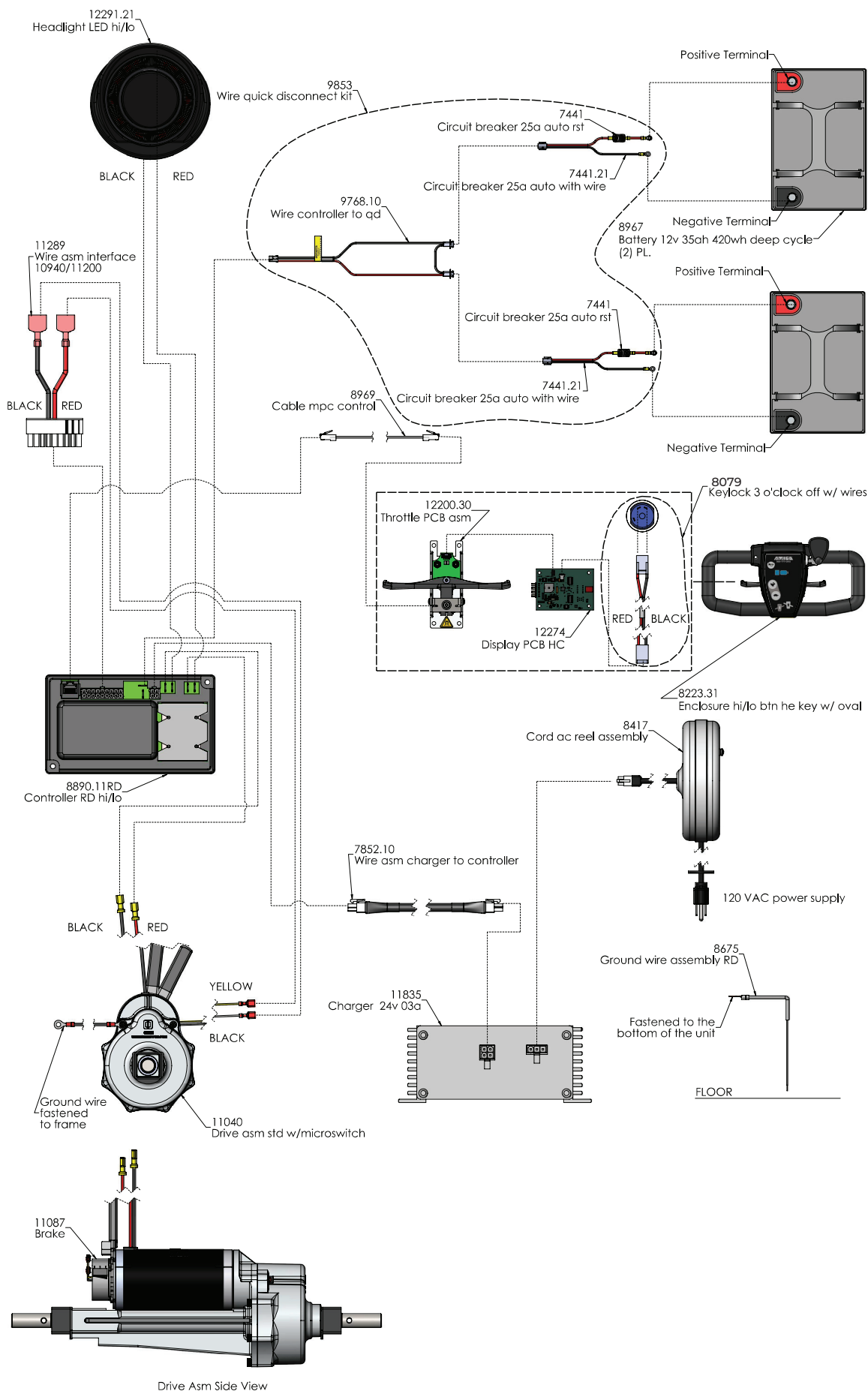
RT EXPLODED VIEW & PARTS LIST



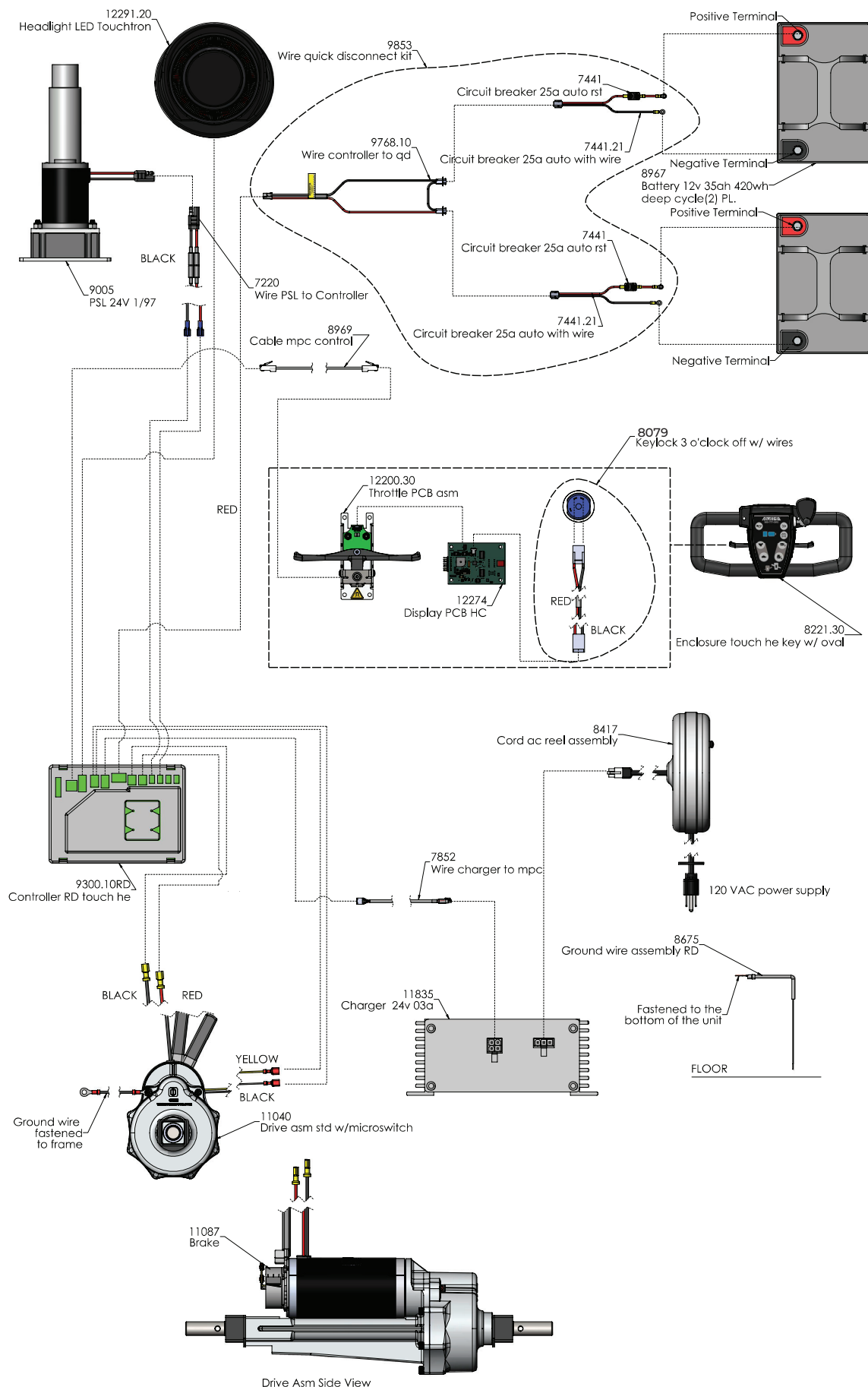
Part #	Description
1299	Seat lock right
2788	Seat lock left
6191	Seat post lower weldment
7912.12	Wheel 09" rer TL chr hub
7997	Key extension (key with fob)
8221.31	Enclosure touch pot key tube w/oval & cover
8223.31	Enclosure hi/lo btn he key w/oval & cover
8300	Strap battery retaining
8417	Cord reel ac to chgr
8670.30	Wheel 01.6" stab HC lt
8670.31	Wheel 01.6" stab HC rt
8675	Ground wire assembly
8890.11RT	Controller RT hi/lo button he
9005	PSL component 24v 1/97
9247	Arm rt remove
9248	Arm lt remove
9250	Arm rt remove 2" high
9251	Arm lt remove 2" high
9300.10RT	Controller RT touch he
9798.10	PSL upper seat post
9967.20	Seat 18" prem II blk
9983.22	Seat lock 18" rt
9983.23	Seat lock 18" lt
10050	Bearing headset 1-1/8"
10050.20	Bearing headset kit
10289.20	Basket HC plastic
10571	Basket brkt HC
10571.20	Basket bracket HC w/fasteners

Part #	Description
10709	Fork RT
10765.20	Seat post upper std acc ad
11041	Drive rear RT
11087	Brake transaxle 11040-11043
11174	Clamp drive
11185	Enclosure Shabbat key w/oval
11276.22	Wheel 06" 2.5 wd frt blk
11361.20	Handle w/o encl black gloss
11381.21	Handle w/o encl blue true
11384.21	Cover RT blue true
11835	Charger 24v 03a 72w
11872.20	Cover RT maroon w/labels
11881.20	Handle w/o enclosure maroon
12109	RT brake lever ext
12117	Boot brake lever RT
12128	Battery 12v 20ah deep cycle (x2)
12291.21	Headlight LED hi/lo
12291.20	Headlight LED touchtron
12301	Seat 18.5" HC hi-back blk
12301.30	Seat 18.5" HC hi-back blk
12376.20	Seat 20" HC
12471.20	Seat 24" HC
210203	Armpad molded single w/screws
300219	Seat 18" prem I blk gry
300369	Seat 18" prem I blk gry
397011	Seat lift 24v tall 2 stage
397013	Seat lift 24v short 2 stage
397015	Seat lift 24v short

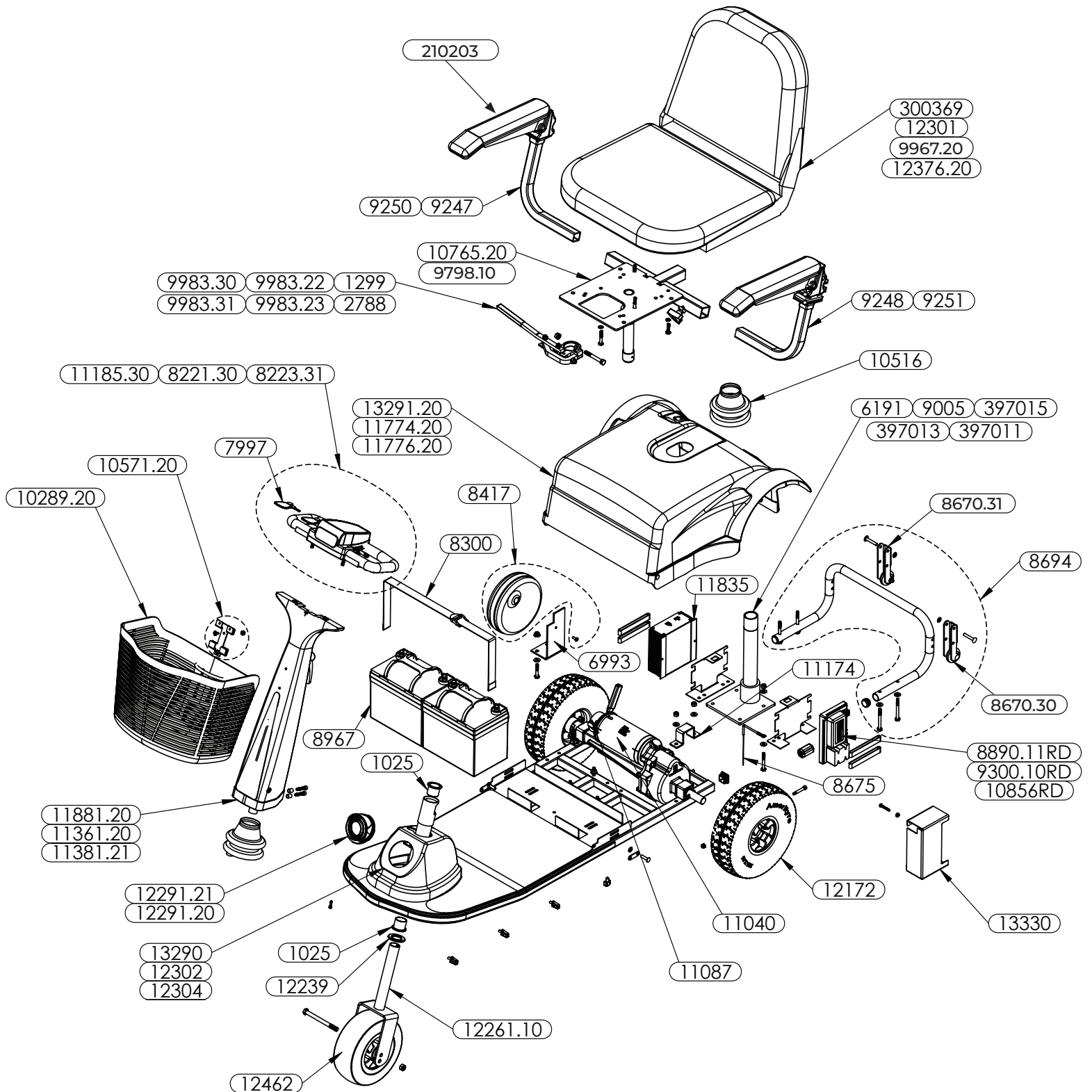
RD WIRING DIAGRAM: HI/LO



RD WIRING DIAGRAM: TOUCHTRON



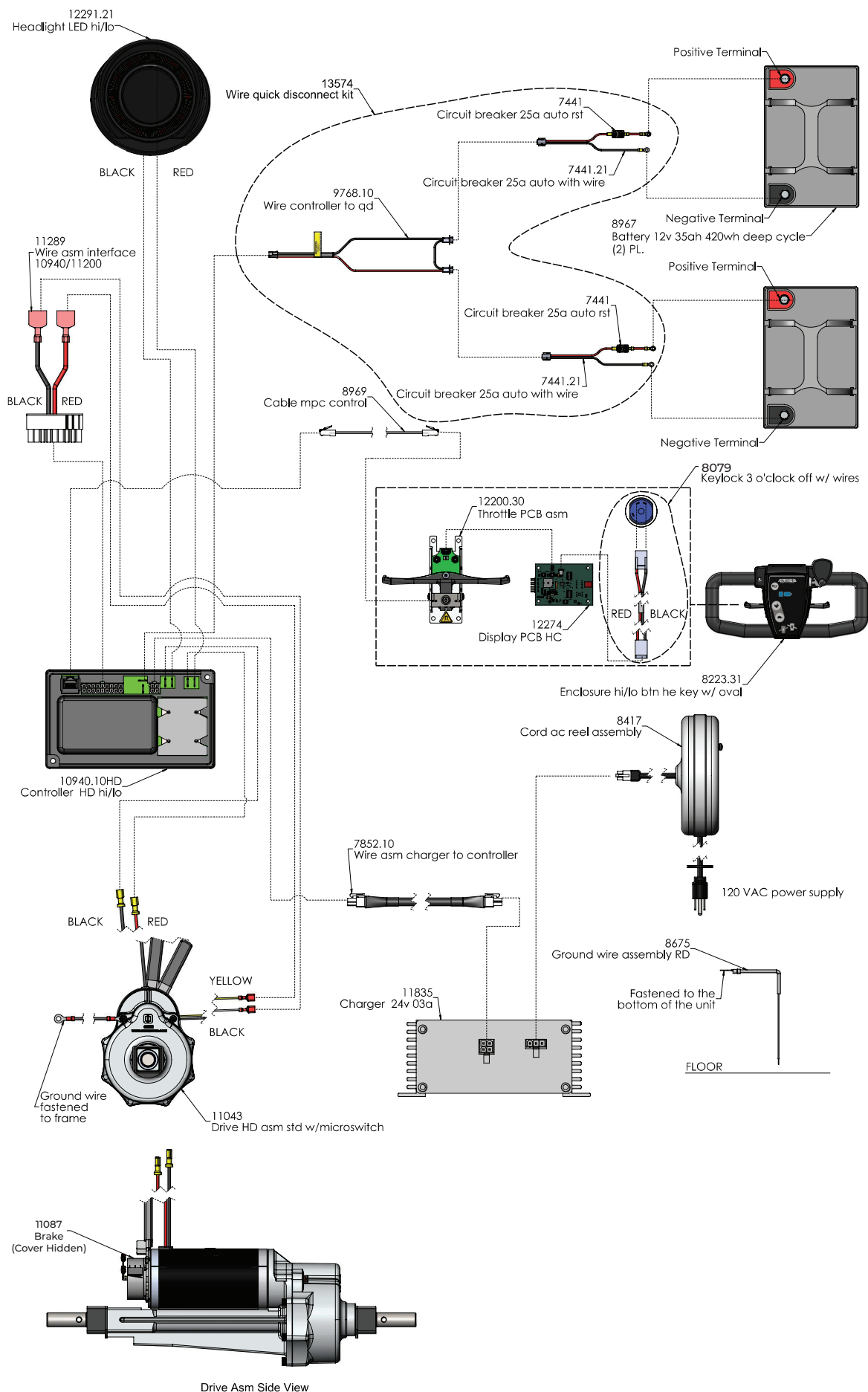
RD EXPLODED VIEW & PARTS LIST



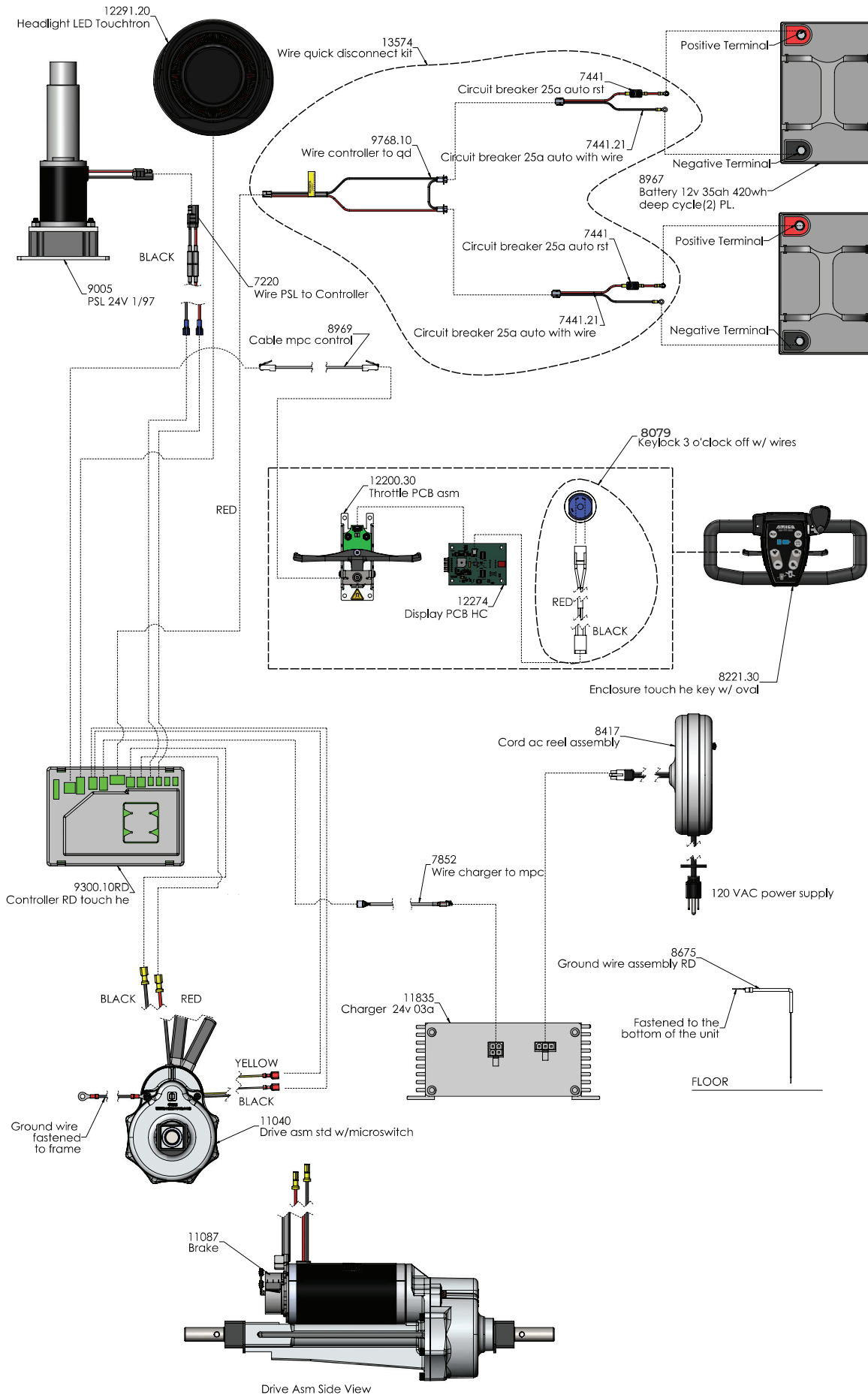
Part #	Description
1025	Bearing 1.182OD 1.067ID x 1.06
1299	Seat lock right
2788	Seat lock left
6191	Seat post lower weldment
6993	Cord reel bracket
7997	Key extension (key with fob)
8221.30	Enclosure touch he key w/oval & cover
8223.31	Enclosure hi/lo btn he key w/oval & cover
8300	Strap battery retaining
8417	Cord reel ac to chgr
8670.30	Wheel 01.6" stab HC lt
8670.31	Wheel 01.6" stab HC rt
8675	Ground wire assembly
8694	Bumper rear RD w/stab wheels
8890.11RD	Controller RD hi/lo button he
8967	Battery 12v 35ah 420wh deep cycle (x2)
9005	PSL component 24v 1/97
9247	Arm rt remove
9248	Arm lt remove
9250	Arm rt remove 2" high
9251	Arm lt remove 2" high
9300.10RD	Controller RD touch he
9798.10	PSL upper seat post
9967.20	Seat navistyle black vinyl
9983.22	Seat lock 18" rt
9983.23	Seat lock 18" lt
9983.30	Seat lock 20/22" rt
9983.31	Seat lock 20/22" lt
10289.20	Basket HC plastic
10516	Handle boot lower pvc free

Part #	Description
10571.20	Basket bracket HC w/ fasteners
10765.20	Seat post upper std acc ad
10856RD	Controller RD shabbat
11040	Drive rear RD
11087	Brake transaxle 11040-11043
11174	Clamp drive
11185.30	Enclosure Shabbat key w/oval & cover
11361.20	Handle w/o encl black gloss
11381.21	Handle w/o encl blue true
11774.20	Cover RD black gloss
11776.20	Cover RD blue true
11835	Charger 24v 03a 72w
11881.20	Handle w/o enclosure maroon
12172	Wheel 10.5" rer urethane blk
12239	Bearing thrust 1.81OD 1.09ID
12261.10	Fork SS/RD
12291.20	Headlight LED touchtron
12291.21	Headlight LED hi/lo
12301	Seat 18.5" HC hi-back blk
12302	Cover front RD gloss blk
12304	Cover front RD blue
12376.20	Seat 20" HC
12462	Wheel 8" front HC black (RD-HD)
13290	Cover front RD maroon
13291.20	Cover RD maroon w/labels
13330	Guard 1108M/S4 controller
210203	Armpad molded single w/screws
300369	Seat 18" prem I blk
397011	Seat lift 24v tall 2 stage
397013	Seat lift 24v short 2 stage
397015	Seat lift 24v short

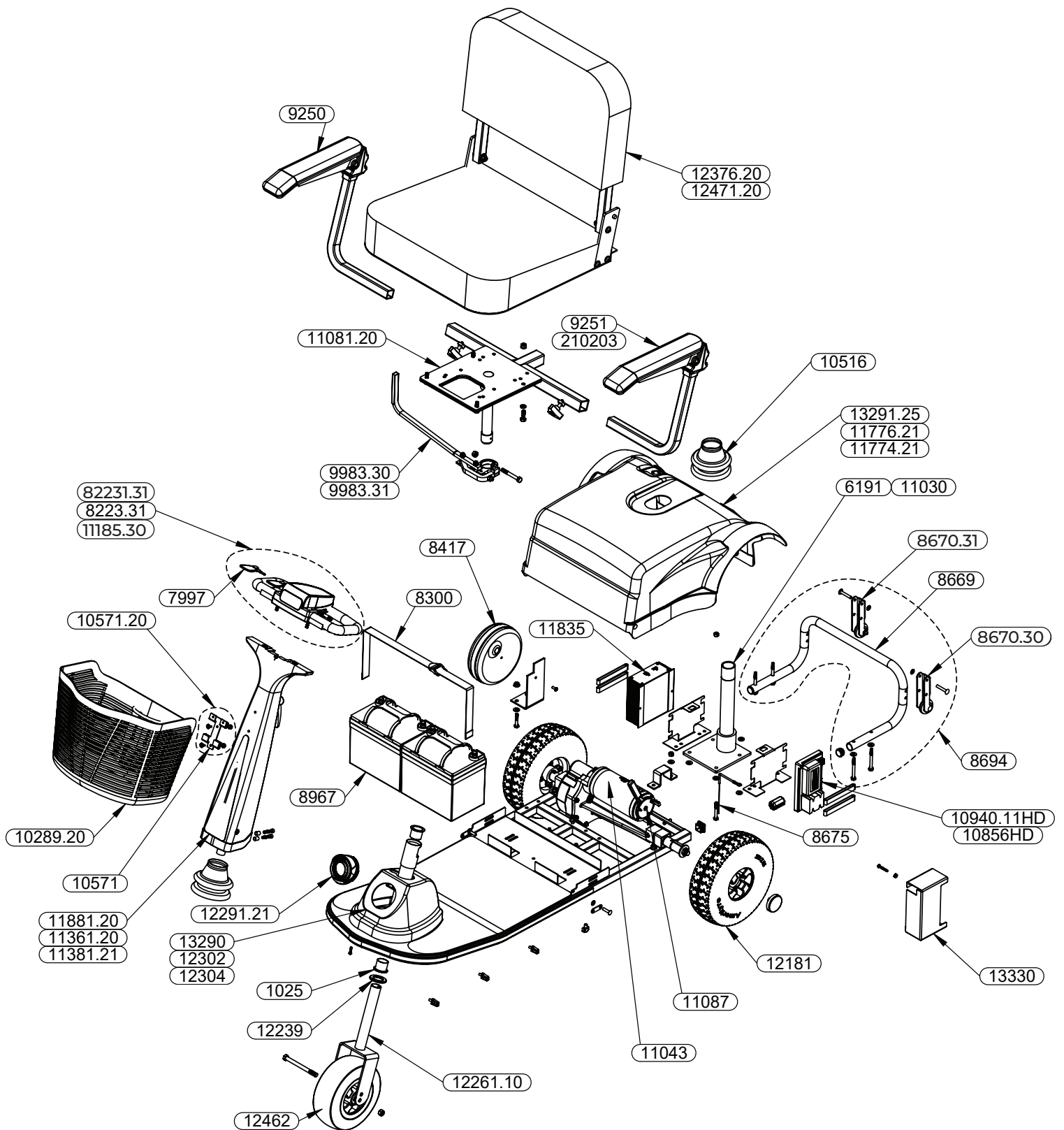
HD WIRING DIAGRAM: HI/LO



HD WIRING DIAGRAM: TOUCHTRON



HD EXPLODED VIEW & PARTS LIST



Part #	Description
1025	Bearing 1.182OD 1.067ID x 1.06
6191	Seat post lower weldment
7997	Key extension (key with fob)
8221.31	Enclosure touch he key w/ oval
8223.31	Enclosure hi/lo btn he key w/oval & cover
8300	Strap battery retaining
8417	Cord reel ac to chgr
8669	Bumper rear tube blk"
8670.30	Wheel 01.6" stab HC lt
8670.31	Wheel 01.6" stab HC rt
8675	Ground wire assembly
8694	Bumper rear RD w/stab wheels
8967	Battery 12v 35ah 420wh deep cycle (x2)
9250	Arm rt remove 2" high
9251	Arm lt remove 2" high
9983.30	Seat lock 20/22" rt
9983.31	Seat lock 20/22" lt
10289.20	Basket HC plastic
10516	Handle boot lower pvc free
10571	Basket brkt HC
10571.20	Basket bracket HC w/ fasteners
10856HD	Controller HD shabbat
10940.11HD	Controller HD hi/lo button he
11030	Psl component 24v HD

Part #	Description
11043	Drive rear HD
11081.20	Seat post upper hd acc ad
11087	Brake transaxle 11040-11043
11185.30	Enclosure Shabbat key w/oval
11361.20	Handle w/o encl black gloss
11381.21	Handle w/o encl blue true
11774.21	Cover HD black gloss
11776.21	Cover HD blue true
11835	Charger 24v 03a 72w
11881.20	Handle w/o enclosure maroon
12181	Wheel 10" rer urethane HD key black
12239	Bearing thrust 1.81OD 1.09ID
12261.10	Fork SS/RD
12291.21	Headlight LED hi/lo
12302	Cover front RD gloss blk
12304	Cover front RD blue
12305	Cover front RD custom
12376.20	Seat 20" HC
12462	Wheel 8" front HC black (RD-HD)
12471.20	Seat 24" HC
13290	Cover front RD maroon
13291.25	Cover HD maroon w/ labels
13330	Guard 1108M/S4 controller
210203	Armpad molded single w/Screws

CUSTOMER SERVICE

Amigo Mobility is proud to offer nationwide service for all of our products. If you work with a local dealer for service, we can help connect you to make sure your service needs are met.

For any service questions, you can contact the Amigo customer service department by calling 800-248-9131, or you can email service@myamigo.com. Hours of operation are from 7:30 a.m. to 5:30 p.m. EST Monday through Friday. You can also visit myamigo.com/service to get in touch with the service team.

Please have the serial number on hand when you contact customer service.

WARRANTY

General Warranty Provisions

Amigo Mobility International, Inc. (AMI) disclaims any responsibility for personal injury or property damage resulting from the improper or unsafe use of its products. AMI warranties its OEM products to the original purchaser and commences on the date of shipment.

The warranties on this page do not cover the failure of any part or accessory due to:

- Shipping damage (call the carrier immediately to file a claim)
- Abuse, misuse, accidental damage, or acts of nature
- Exceeding the specified weight capacity of the model
- Improper installation or opening sealed components
- Modifying the Amigo, or installing accessories not authorized by Amigo

This warranty supersedes and is in lieu of all other warranties, expressed or implied, and no person, agent, or dealer is authorized to give any warranties on behalf of AMI, nor to assume for AMI any other liability concerning any of its products unless made in writing and signed by an official of AMI.

Warranty Coverage

AMI will repair or replace a part that is defective in material or workmanship under normal use. AMI may use factory-recertified parts rather than new parts for some warranty repairs. Warranty replacement parts are covered for the remainder of the original AMI unit warranty.

- Structural components — platform, frame, and seat post — have a limited lifetime warranty (seven years).
- Main components — controller, charger, motor, throttle assembly, and transaxle — have a two-year warranty.

- Seats, power seat lift, and other components have a one-year warranty (cuts and tears in seats are not covered by warranty).
- Labor is covered for six months on a pre-authorized basis implemented by an AMI work order.
- AMI provides an ARS tag with all warranty parts required to be returned to the factory (continental U.S. only).
- If inspection determines that a returned part is inoperable due to a non-warranty nature, it will be returned at the expense of the service dealer and void the warranty labor reimbursement when in effect.
- Parts purchased separately from the original unit or rebuilt units carry a one-year warranty against defects in material and workmanship.

Battery coverage

- Batteries supplied by AMI are warranted for one year (freight charges are not included after six months).
- Lithium batteries carry a three-year warranty.
- AMI factory-supplied batteries carry AMI brand labels.
- Damage caused by battery moisture, spillage, or leakage is exclusive of warranty.
- Warranty covers defects in workmanship and material. Batteries left in an uncharged condition will not be covered under warranty.
- Failure constitutes a fully recharged battery with less than 50% of its rated capacity under normal operating/charging conditions and is covered within the warranty period.

This warranty gives you specific rights, with the possibility of other rights, which vary depending upon your locality.

Customer Satisfaction

Your complete satisfaction is our main goal. If you are not satisfied with any maintenance or repair work completed by a service dealership, please contact us at 800-248-9131 or service@myamigo.com.

Please scan the QR code or visit myamigo.com/survey to share your feedback with Amigo Mobility.





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