

## II. YOUR TRAVEL SCOOTER

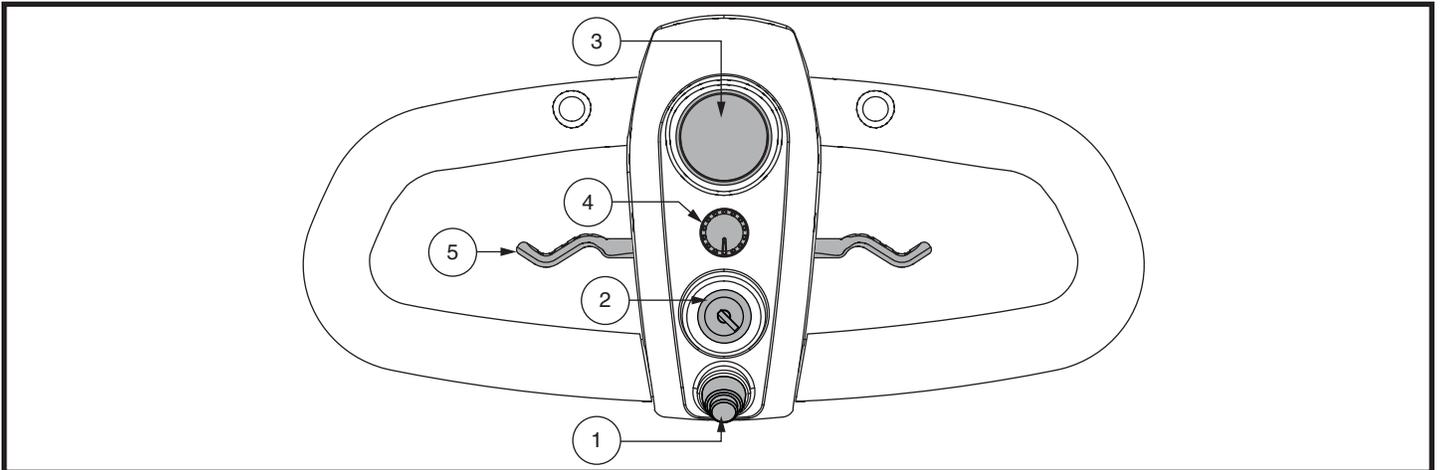


Figure 3. Tiller Console C (Models 40E [Australia only], 44E [Australia only], 53, 53HD, 54, 54HD)

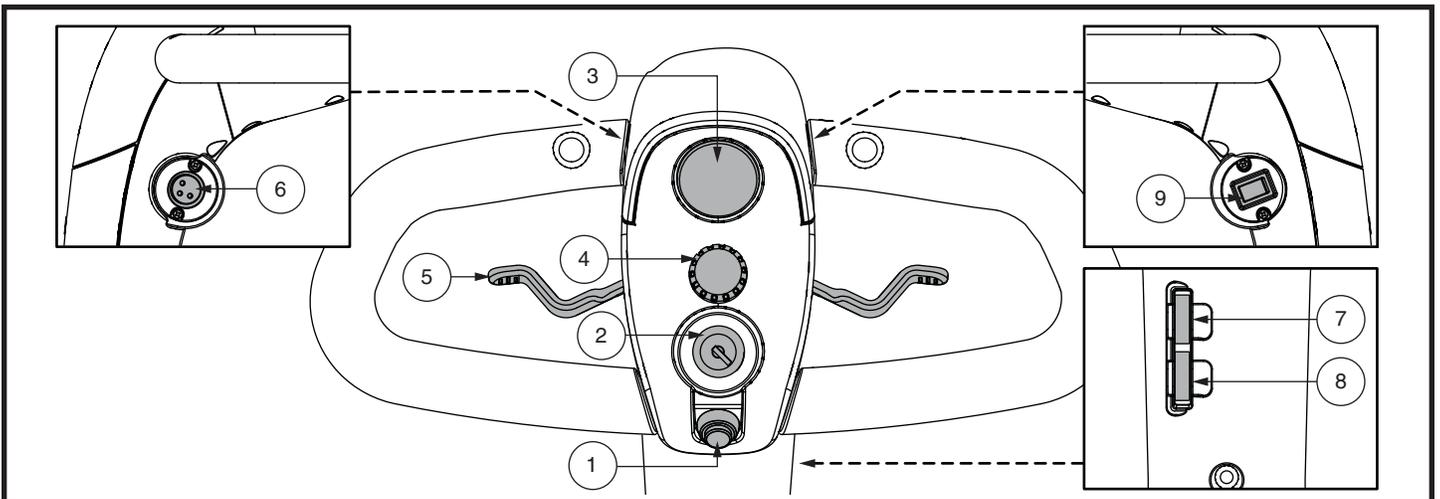


Figure 4. Tiller Console D (Models 40LX, 44LX, 50LX, 54LX, 73, 74)

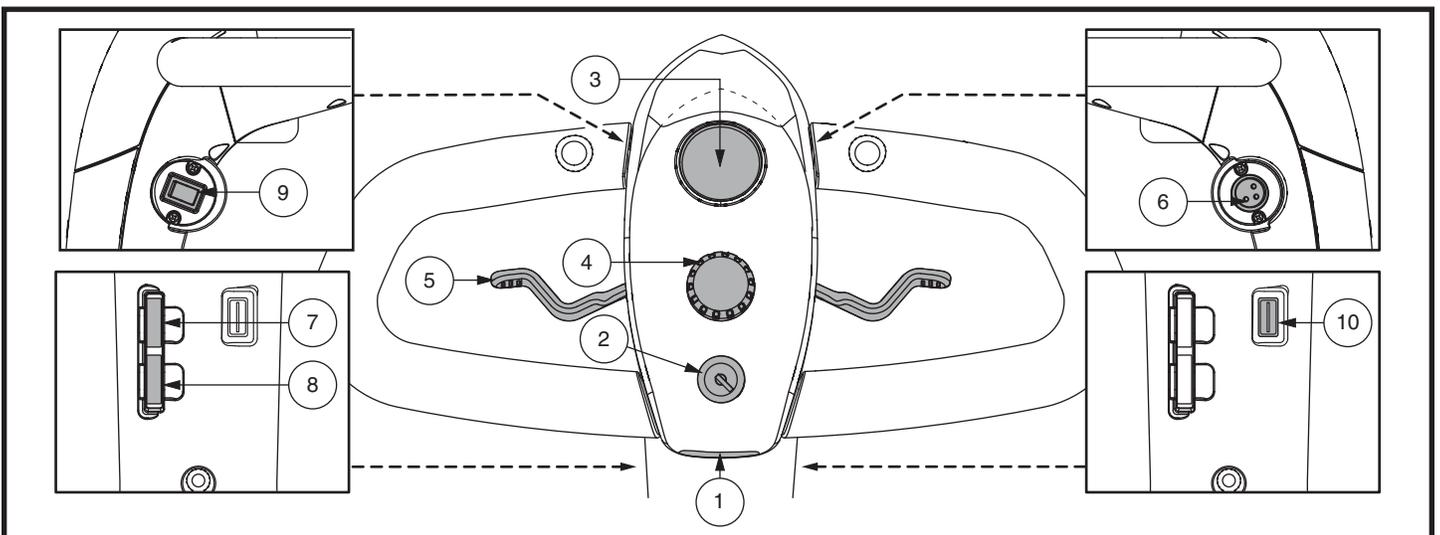


Figure 5. Tiller Console E (Model Jazzy ZTS)

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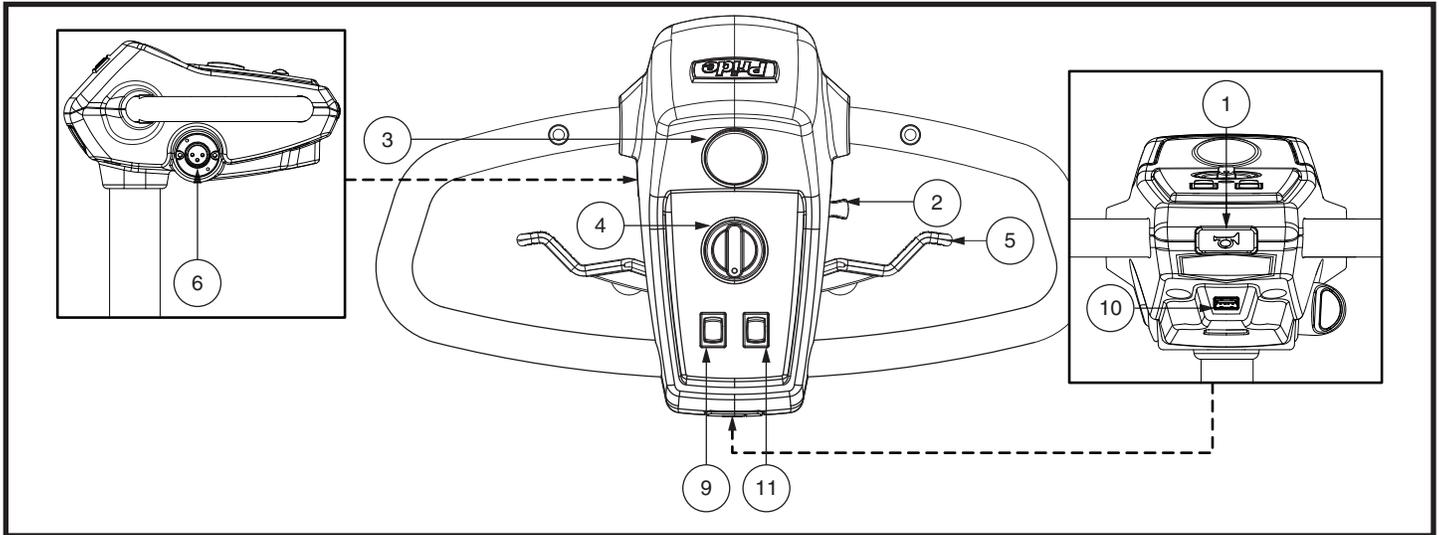


Figure 6. Tiller Console F (Models 66 and 67)

### Horn Button

This button activates a warning horn. Your Travel Scooter must be turned on for the horn to be operational. Do not hesitate to use the warning horn when doing so may prevent accident or injury.

### Key Switch

- Insert the key into the key switch and turn it clockwise to power up (turn on) your Travel Scooter.
- Turn the key counterclockwise to power down (turn off) your Travel Scooter.



WARNING! When faced with an emergency situation, switch off the key to power off the scooter. Use caution. Be advised that turning off power to the scooter may cause the scooter to stop abruptly. To release the emergency stop and restore driving capability to the scooter, release the throttle control lever and then switch on the key to the scooter.

Although the key can be left in the key switch when the Travel Scooter is powered down, we recommend removing it to prevent unauthorized use of your Travel Scooter.



WARNING! If the key is moved to the “off” position while your Travel Scooter is in motion, the electronic brakes will engage and your Travel Scooter will come to an abrupt stop!

### Battery Condition Meter

When the key is fully inserted into the key switch and turned clockwise to power up your scooter, this meter indicates approximate battery strength. For further information on the battery condition meter, see III. “Batteries and Charging.”

### Speed Adjustment Dial

This dial allows you to preselect and limit your Travel Scooter’s top speed.

- The image of the tortoise represents the slowest speed setting.
- The image of the hare represents the fastest speed setting.

### Throttle Control Lever

This lever allows you to control the forward speed and the reverse speed of your scooter up to the maximum speed you preset with the speed adjustment dial.

#### *To use throttle control lever for models equipped with Tiller Consoles A and B:*

- To move **Forward**, use your right thumb to push the right side of the throttle control lever.
- To move **Rearward**, use your left thumb to push the left side of the throttle control lever.

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*To use throttle control lever for models equipped with Tiller Consoles C, D, E, and F:*

**To move Forward, use either of the following:**

- Use your left thumb to push the left side of the throttle control lever.
- Use your right hand fingers to pull back on the right side of the throttle control lever.

**To move Rearward, use either of the following:**

- Use your right thumb to push the right side of the throttle control lever.
- Use your left hand fingers to pull back on the left side of the throttle control lever.

Release the throttle control lever and allow your scooter to come to a complete stop before engaging the other side of the lever. When the throttle control lever is completely released, it automatically returns to the center “stop” position and engages your scooter’s brakes.

### Lights Switch (If Equipped)

This switch controls your Travel Scooter’s lighting system. For all models, *except 66 and 67*, see figures 4 and 5.

- Toggle the switch forward to turn on the lighting system.
- Toggle the switch rearward to turn off the lighting system.

**For models 66 and 67 (see figure 6):**

- Toggle switch rearward to activate the puddle light.
- Toggle switch forward to activate the headlight.
- Return switch to center position to deactivate lights.



WARNING! Scooter users are required to use their lights when visibility is restricted—day or night.

### REAR COMPONENTS

The manual freewheel lever, anti-tip wheels, and motor/transaxle assembly are located on your Travel Scooter as shown. For all models, *except Jazzy ZTS*, see figure 7.



WARNING! Before placing your Travel Scooter into or taking it out of freewheel mode, remove the key from the key switch. Never sit on a Travel Scooter when it is in freewheel mode. Never put a Travel Scooter in freewheel mode on any incline.

### Motor/Transaxle Assembly

The motor/transaxle assembly is an electromechanical unit that converts electrical energy from your Travel Scooter’s batteries into the controlled mechanical energy that drives the Travel Scooter’s wheels.

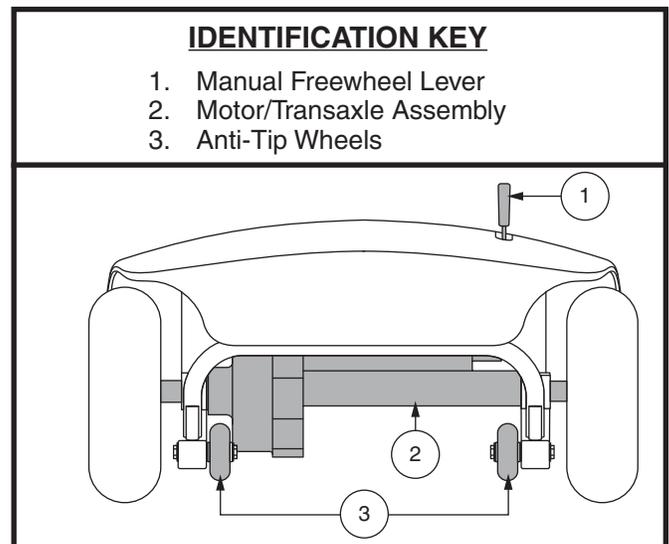


Figure 7. Rear Components

### Manual Freewheel Lever - Models 36, 39, 40X, 44X, 40E, 44E, 40LX, 44LX, 49, 53, 53HD, 54, 54HD, 66, 67, 73, 74, 83, and 84

Whenever you need or want to push your Travel Scooter for short distances, you can put it in freewheel mode.

1. Locate the manual freewheel lever at the top right of the rear section.
2. Push forward on the manual freewheel lever to disable the drive system and the brake system. You may now push your Travel Scooter.
3. Push the manual freewheel lever rearward to reengage the drive and the brake systems; this takes your Travel Scooter out of freewheel mode.

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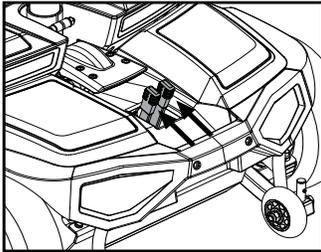


WARNING! When your Travel Scooter is in freewheel mode, the braking system is disengaged.

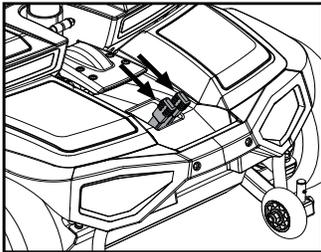
- Disengage the drive motors only on a level surface.
- Ensure the key is removed from the key switch.
- Stand to the side of the scooter to engage or disengage freewheel mode. Never sit on a scooter to do this.
- After you have finished pushing your Travel Scooter, always return it to the drive mode to lock the brakes.

### IDENTIFICATION KEY

1. Manual Freewheel Levers
2. Anti-tip Wheels



Freewheel Mode (Drive Disengaged)



Drive Mode (Drive Engaged)

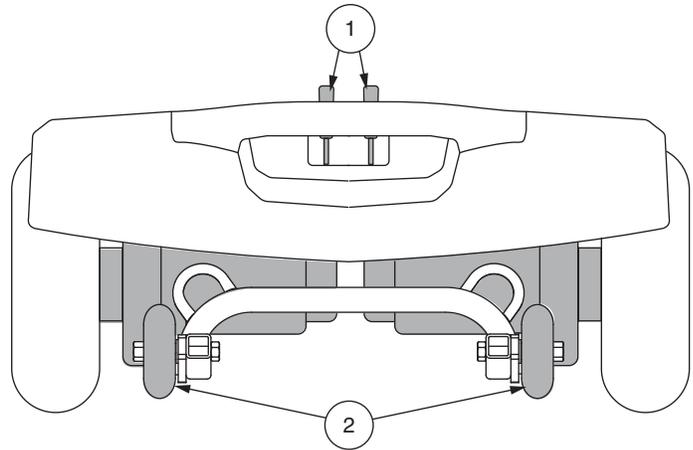


Figure 8. Rear Components - Jazzy ZTS

### Manual Freewheel Levers - Jazzy ZTS

For your convenience, your travel scooter has a manual freewheel lever on each motor. Manual freewheel levers enable you to disable the drive system in order to maneuver the Travel Scooter manually. **See figure 8.**



WARNING! Do not use the Travel Scooter while the drive motors are disengaged! Do not disengage the drive motors when the travel scooter is on an incline or decline, as the unit could roll on its own! Only engage the freewheel mode when on a level surface.



WARNING! It is important to remember that when your Travel Scooter is in freewheel mode, the braking system is disengaged.

**NOTE:** It is strongly recommended that you do not charge your batteries while in freewheel mode.

**NOTE:** You must turn off the power before disabling the drive systems; otherwise, you may get an error code on the scooter. To clear this code, turn off the scooter and place the travel scooter in drive mode. Then turn on the scooter. The error message should be cleared. If not, contact an authorized Provider.

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### To engage or disengage the drive system:

1. Locate the levers on the rear section of the scooter. **See figure 8.**
2. Pull the two levers toward the rear of the travel scooter to engage the drive motors (drive mode).
3. Push the two levers toward the front of the travel scooter to disengage the drive motors (freewheel mode).

If a lever is difficult to move in either direction, rock your travel scooter back and forth slightly. The lever should then move to the desired position.



WARNING! Do not use the freewheel lever handles as tie-down points to secure this product.

### Anti-Tip Wheels

The anti-tip wheels are an integral and important safety feature of your Travel Scooter. They are bolted to the frame at the rear of the Travel Scooter.



PROHIBITED! Do not remove the anti-tip wheels or modify your Travel Scooter in any way that is not authorized by your Provider.



WARNING! The anti-tip wheels may cause interference with the smooth transition of your Travel Scooter when ascending or descending a curb. Contact your authorized Provider for more information.

### Main Circuit Breaker (Reset Button)

When the voltage in your Travel Scooter's batteries becomes low or the Travel Scooter is heavily strained because of excessive loads or steep inclines, the main circuit breaker may trip to protect the motor and electronics from damage. **See figure 9.**

- The main circuit breaker reset button pops out when the breaker trips.
- When the breaker trips, the entire electrical system of your Travel Scooter shuts down.
- Allow a minute or two for your Travel Scooter's electronics to "rest."
- Push in the reset button to reset the main circuit breaker.
- If the main circuit breaker trips frequently, you may need to charge your batteries more often. You may also need to have your authorized Provider perform a load test on your Travel Scooter's batteries.
- If the main circuit breaker trips repeatedly, see your authorized Provider for service.

# III. BATTERIES AND CHARGING

## FREQUENTLY ASKED QUESTIONS

### How does the charger work?

When your Travel Scooter's battery voltage is low, the charger works harder, sending more electrical current to the batteries to bring up their charge. As the batteries approach a full charge, the charger sends less and less electrical current. When the batteries are fully charged, the current sent from the charger is at nearly zero amperage. Therefore, when the charger is plugged in, it maintains the charge on your Travel Scooter's batteries, but does not overcharge them. Refer to the manual supplied with the battery charger for charging instructions.

### Can I use a different charger?

Chargers are selected precisely for particular applications and are especially matched to the type, size, and chemical formulation of specific batteries. For the safest and most efficient charging of your Travel Scooter's batteries, we recommend use of the charger supplied as original equipment with your product only. Any charging method resulting in batteries being charged individually is especially prohibited.

### What if my Travel Scooter's batteries will not charge?

- Ensure that the fuse on the battery pack is in working condition. **See figures 9 and 10.**
- Ensure both ends of the charger power cord are inserted fully.

### How often must I charge the batteries?

Two major factors must be considered when deciding how often to charge your Travel Scooter's batteries:

- All day use on a daily basis.
- Infrequent or sporadic use.

With these considerations in mind, you can determine how often and for how long you should charge your Travel Scooter's batteries. The battery charger was designed so that it will not overcharge your Travel Scooter's batteries. However, you may encounter some problems if you do not charge your batteries often enough and if you do not charge them on a regular basis. Following the guidelines below will provide safe and reliable battery operation and charging.

- If you use your Travel Scooter daily, charge its batteries as soon as you finish using it for the day. Your Travel Scooter will be ready each morning. We recommend that you charge your Travel Scooter's batteries for at least 8 to 14 hours after daily use. We recommend that you charge the batteries for an additional 4 hours after the battery charger indicates that charging is complete.
- If you use your Travel Scooter once a week or less, charge its batteries at least once a week for at least 24 hours.

**NOTE: Keep your batteries fully charged and avoid deeply discharging your batteries. Refer to the manual supplied with the battery charger for charging instructions. We recommend charging your batteries for at least 48 continuous hours once per month to improve battery performance and battery life.**

### How can I ensure maximum battery life?

Fully charged deep-cycle batteries provide reliable performance and extended battery life. Keep your Travel Scooter's batteries fully charged whenever possible. Protect your Travel Scooter and batteries from extreme heat or cold. Batteries that are regularly and deeply discharged, infrequently charged, stored in extreme temperatures, or stored without a full charge may be permanently damaged, causing unreliable performance and limited service life.

**NOTE: To extend battery life, always turn off Travel Scooter and remove the key when not in use.**

### How can I get maximum range or distance per charge?

Rarely will you have ideal driving conditions—smooth, flat, hard driving surfaces with no wind or curves. Often, you will face hills, sidewalk cracks, uneven and loosely packed surfaces, curves, and wind, all of which affect the distance or running time per battery charge. Below are a few suggestions for obtaining the maximum range per battery charge.

## III. BATTERIES AND CHARGING

- Always fully charge your Travel Scooter's batteries prior to daily use.
- Plan your route ahead to avoid as many hills, cracked, broken, or soft surfaces as possible.
- Limit your baggage weight to essential items.
- Try to maintain an even speed while your Travel Scooter is in motion.
- Avoid stop-and-go driving.
- We recommend charging your batteries for at least 48 continuous hours once per month to improve battery performance and battery life.
- Make sure all harness connections are secured properly.

### What type and size of battery should I use?

Your Travel Scooter requires two deep-cycle batteries. We recommend only sealed, maintenance-free types such as AGM or Gel-Cell. Do not use wet-cell batteries, which have removable caps. Refer to the specifications table for size as batteries differ depending on manufacturer.



**WARNING!** Corrosive chemicals are contained in batteries. Use only AGM or Gel-Cell batteries to reduce the risk of leakage or explosive conditions.

**NOTE:** Sealed batteries are not serviceable. Do not remove the caps.

### Why do my new batteries seem weak?

Deep-cycle batteries employ a different chemical technology than that used in car batteries, nickel-cadmium batteries (nicads), and other common battery types. Deep-cycle batteries are specifically designed to provide power, drain down their charge, and then accept a relatively quick recharge (8 to 14 hours).

We work closely with our battery manufacturer to provide batteries that best suit your Travel Scooter's specific electrical demands. Fresh batteries are shipped fully charged to our customers. During shipping, the batteries may encounter temperature extremes that can influence their initial performance. Heat diminishes the charge on the battery; cold slows the available power and extends the time needed to recharge the battery.

It may take a few days for the temperature of your Travel Scooter's batteries to stabilize and adjust to their new room or ambient temperature. More importantly, it takes a few charging cycles (partial draining followed by full recharging) to establish the critical chemical balance that is essential to a deep-cycle battery's peak performance and long life.

### Follow these steps to properly break in your Travel Scooter's new batteries for maximum efficiency and service life.

1. Fully recharge any new battery prior to its initial use. This charging cycle brings the battery up to about 88% of its peak performance level.
2. Operate your new Travel Scooter in familiar and safe areas. Drive slowly at first, and do not travel too far from your home or familiar surroundings until you have become accustomed to your Travel Scooter's controls and have properly broken in your Travel Scooter's batteries.
3. Fully recharge the batteries. They should be at over 90% of their peak performance level.
4. Operate your Travel Scooter again, then fully recharge the batteries.
5. After four or five charging cycles, the batteries are able to receive a charge of 100% of their peak performance level and are able to last for an extended period of time.

### What about public transportation?

AGM and Gel-Cell batteries are designed for application in scooters and other mobility vehicles. These batteries are Federal Aviation Administration (FAA) approved (United States only), allowing safe transportation on aircraft, buses, and trains, as there is no danger of spillage or leakage. We suggest you contact the carrier's ticket counter in advance to determine that carrier's specific requirements.

# IV. OPERATION

## BEFORE GETTING ONTO YOUR TRAVEL SCOOTER

- Have you fully charged the batteries? See III. “Batteries and Charging.”
- Is the manual freewheel lever in the drive (rearward) position? Never leave the manual freewheel lever in the forward position unless you are manually pushing your Travel Scooter.
- Ensure the tiller lock knob is in the unlocked position. See VI. “Disassembly and Assembly.”
- Ensure the air temperature is between -13°F/-25°C to 122°F/50°C.

## GETTING ONTO YOUR TRAVEL SCOOTER

1. Make certain that the key is removed from the key switch.



WARNING! Never attempt to get onto or off of your Travel Scooter without first removing the key from the key switch. This will prevent the Travel Scooter from moving if accidental throttle control lever contact is made.

2. Stand at the side of your Travel Scooter.
3. Disengage the seat rotation lever and rotate the seat until it is facing you.
4. Make certain that the seat is secured into position.
5. Position yourself comfortably and securely in the seat.
6. Disengage the seat rotation lever and rotate the seat until you are facing forward.
7. Make certain that the seat is secured into position.
8. Make certain that your feet are safely on the floorboard.

## PRE-RIDE ADJUSTMENTS AND CHECKS

- Is the seat at the proper height? See V. “Comfort Adjustments.”
- Is the seat secured into place?
- Is the tiller at a comfortable setting and secured into place? See V. “Comfort Adjustments.”
- Is the key fully inserted into the key switch and turned clockwise to the “on” position?
- Does the Travel Scooter’s horn work properly?
- Is your proposed path clear of people, pets, and obstacles?
- Have you planned your route to avoid adverse terrain and as many inclines as possible?

**NOTE:** Use caution when operating your scooter on delicate surfaces as scuffing and/or marking may occur.

## OPERATING YOUR TRAVEL SCOOTER

WARNING! The following can adversely affect steering and stability while operating your Travel Scooter:



- Holding onto or attaching a leash to walk your pet.
- Carrying passengers (including pets).
- Hanging any article from the tiller.
- Towing or being pushed by another motorized vehicle.

WARNING! Keep both hands on the tiller and your feet on the floorboard at all times while operating your Travel Scooter. This driving position gives you the most control over your vehicle.

- Set the speed adjustment dial to your desired speed.
- Press your thumb against the appropriate side of the throttle control lever.
- The electromechanical disc park brake automatically disengages and the Travel Scooter accelerates smoothly to the speed you preselected with the speed adjustment dial.
- Pull on the left handgrip to steer your Travel Scooter to the left.
- Pull on the right handgrip to steer your Travel Scooter to the right.
- Move the tiller to the center position to drive straight ahead.
- To stop, slowly release the throttle control lever. The electronic brakes will automatically engage when your Travel Scooter comes to a stop.
- If equipped with Zero Turn Technology, ensure your travel scooter is pivoting properly in both directions by observing the rear wheel on the side of the scooter you are turning to.

## IV. OPERATION

**NOTE:** *Your Travel Scooter's reverse speed is slower than that of the forward speed you preset with the speed adjustment dial.*

### GETTING OFF OF YOUR TRAVEL SCOOTER

1. Bring your Travel Scooter to a complete stop.
2. Remove the key from the key switch.



**WARNING!** Never attempt to get onto or off of your Travel Scooter without first removing the key from the key switch. This will prevent the Travel Scooter from moving if accidental throttle control lever contact is made.

3. Disengage the seat rotation lever and rotate the seat until you are facing toward the side of your Travel Scooter.
4. Make certain that the seat is secured into position.
5. Carefully and safely get out of the seat and stand to the side of your Travel Scooter.
6. You can leave the seat facing to the side to facilitate boarding your Travel Scooter next time.

### POWER DOWN TIMER FEATURE

Your Travel Scooter is equipped with an energy saving automatic power down timer feature designed to preserve your Travel Scooter's battery life. If you mistakenly leave the key in the key switch and in the "on" position but do not use your Travel Scooter for approximately 20 minutes, the Travel Scooter's controller shuts down automatically.

If the power down timer feature takes effect, perform the following steps to resume normal operation.

1. Remove the key from the key switch.
2. Reinsert the key and power up your Travel Scooter.

# VI. DISASSEMBLY AND ASSEMBLY

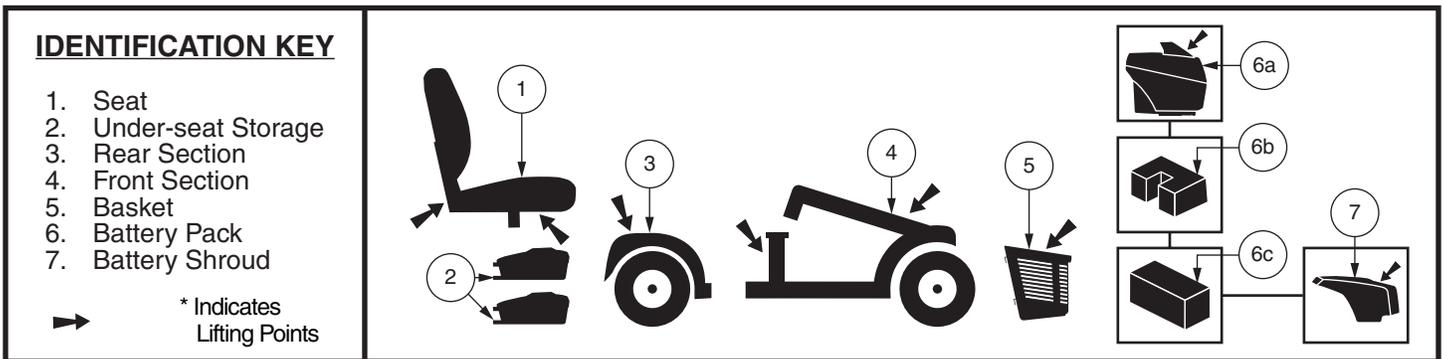
## DISASSEMBLY

You can disassemble the Travel Scooter into several pieces: the seat, the under-seat storage, the rear section, the front section, the basket, the battery pack, and the battery shroud (models 83 and 84 only). See **figure 31**. No tools are required to disassemble or assemble your Travel Scooter. Always disassemble or assemble your Travel Scooter on a level, dry surface with sufficient room for you to work and move around—about 5 feet (1.5 meters) in all directions. Remember that some Travel Scooter components are heavy and you may need assistance when lifting them.



**WARNING!** Do not lift weight beyond your physical capability. Ask for assistance when necessary while disassembling or assembling your Travel Scooter.

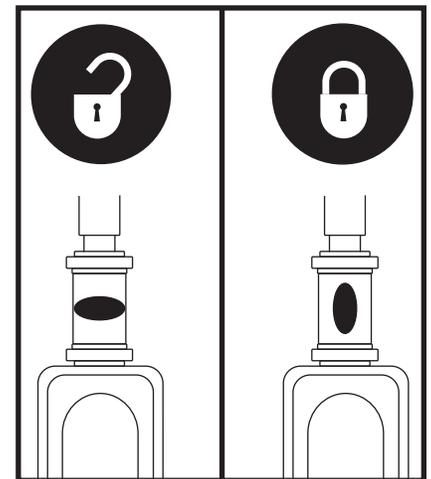
**WARNING!** Do not pick up the seat frame or scooter by the armrests. They are free to pivot, and you may lose control of the seat if they do so.



**Figure 31. Disassembled Travel Scooter**

## DISASSEMBLY PROCEDURES - MODELS 36, 83, AND 84

1. Remove the key from the key switch.
2. Lock the tiller in the straight ahead position by pushing the tiller lock knob in and turning it clockwise 90°. See **figure 32**. The front wheel must face forward in order to lock the tiller.
3. Remove the seat by lifting it straight up and off of the Travel Scooter. If you encounter resistance when removing the seat, disengage the seat rotation lever and swivel the seat back and forth while lifting up on the seat.
4. Remove the rear shroud by lifting it straight up and off of the Travel Scooter. (Models 83 and 84 only).
5. Disconnect the battery harness. See **figure 21**.
6. Disconnect the front-to-rear harness. See **figure 21**.
7. Disconnect the battery tie-down strap. (Models 83 and 84 only). See **figure 21**.
8. Remove the battery pack from the Travel Scooter by lifting it straight up and off of the Travel Scooter.



**Figure 32. Tiller Lock Knob**

## DISASSEMBLY PROCEDURES - MODELS 39, 40LX, 40X, 44X, 40E, 44E, 44LX, 49, 50LX, 54LX, 53, 53HD, 54, 54HD, 66, 67, 73, 74, AND JAZZY ZTS

1. Remove the key from the key switch and then lock the tiller in the straight ahead position by pushing the tiller lock knob in and turning it clockwise 90°. See **figure 32**. The front wheel must face forward in order to lock the tiller.
2. If equipped, remove under-seat storage. See **Figure 27**.
3. Remove the seat by lifting it straight up and off of the Travel Scooter. If you encounter resistance when removing the seat, disengage the seat rotation lever and swivel the seat back and forth while lifting up on the seat.
4. Remove the battery pack by lifting the pack straight up and off of the Travel Scooter.

**NOTE:** Please check the *Travel Scooter Features Table* on the inside of the front cover to determine if your Travel Scooter has a frame release lever or a lock-up pin before attempting to separate the frame.

# VI. DISASSEMBLY AND ASSEMBLY

## FRAME SEPARATION

1. With the seat and battery pack removed (see Disassembly Procedures on previous page), lower the tiller and tighten the tiller adjustment knob. **See figure 23.**
2. Remove the frame lock-up pin. (Models 36, 83, and 84 only.)
3. Lift up on the frame release lever, (**OR, lift the seat post for models 36, 83, and 84**) and pivot the rear section backwards, until the frame hooks are no longer resting on the lower frame tube.
4. Slowly separate the two sections of the Travel Scooter. **See figure 33.**

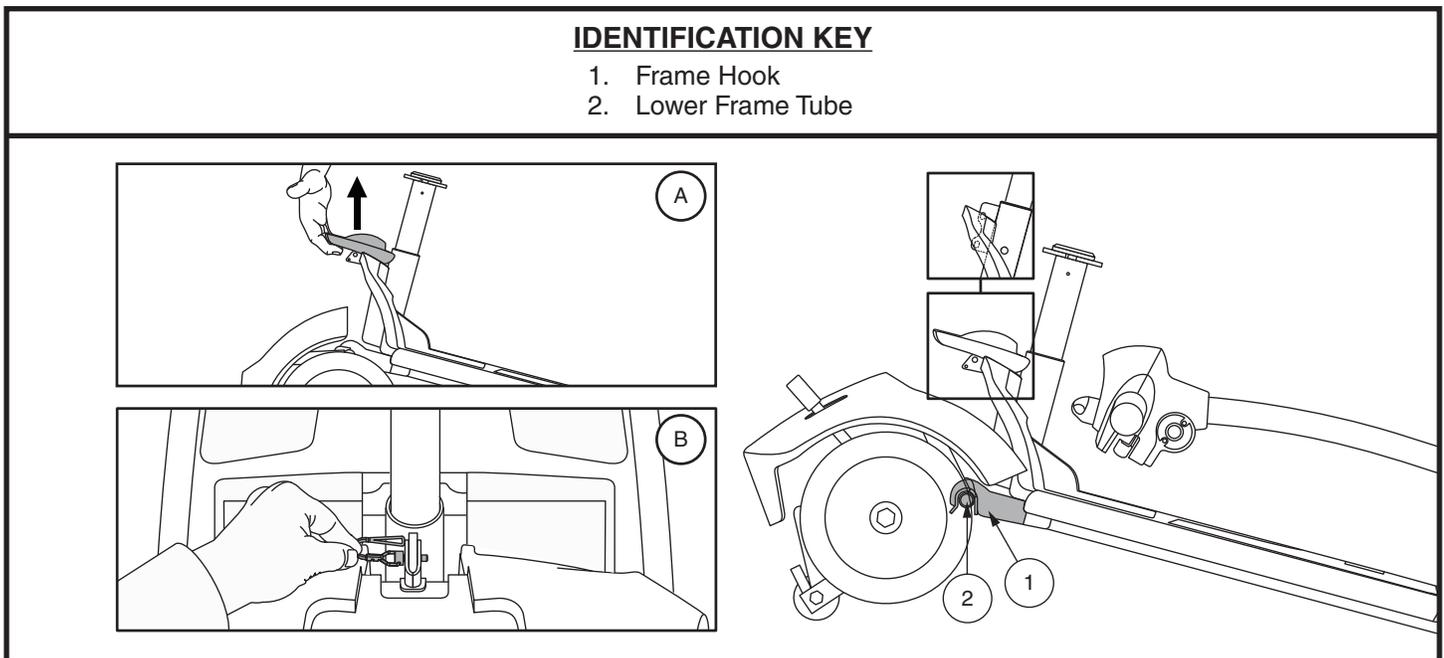


Figure 33. Frame Release Lever (Style A) and Frame Release Lock-up Pin (Style B)

## ASSEMBLY

**NOTE:** Before attempting assembly, tilt the rear half of the Travel Scooter slightly back on the anti-tip wheels as shown in figure 33.

1. Use the frame release lever (or the seat post for models 36, 83, and 84 only) to lift the front section as you align the frame hooks of the front section with the lower frame tube of the rear section. **See figure 33.**
2. Once the frame hooks are over the lower frame tube, lower the front section and pivot the rear section simultaneously. This will engage the frame lock-up automatically for models 39, 40LX, 40X, 44X, 40E, 44E, 44LX, 49, 50LX, 54LX, 53, 53HD, 54, 54HD, 66, 67, 73, 74, and Jazzy ZTS. For models 36, 83, and 84, you will also need to reinstall the frame lockup pin to complete the body assembly. **See figure 33.**
3. Raise the tiller and fully tighten the tiller adjustment knob. **See figure 23.**
4. Reinstall the battery pack. For models 36, 83, and 84, make sure to reconnect the battery and front-to-rear harnesses.
5. Reinstall the seat and rotate it until it is secured into place.
6. Unlock the tiller by turning the tiller lock knob 90° counterclockwise. **See figure 32.**
7. If equipped, install under-seat storage. **See figure 27.**



**WARNING!** After assembly, make absolutely certain the tiller lock knob is in the unlocked position before riding your Travel Scooter.

## VII. BASIC TROUBLESHOOTING

Any electromechanical device occasionally requires some troubleshooting. However, most of the problems that may arise can usually be solved with a bit of thought and common sense. Many of these problems occur because the batteries are not fully charged or because the batteries are worn down and can no longer hold a charge.

### DIAGNOSTIC CODES

The diagnostic codes for your Travel Scooter are designed to help you perform basic troubleshooting quickly and easily. A diagnostic code will sound and/or flash in the event one of the conditions listed below develops. Depending on the model you own, your Travel Scooter will communicate by one of the coding methods as follows:

1. A diagnostic code will begin, depending on model, with a series of fast beeps and/or flashes directly followed by slower beeps and/or flashes which indicates the actual code. The code is only beeped and/or blinked once. To repeat the diagnostic code, remove the key, then reinsert it and turn it to the “on” position, **OR**
2. A diagnostic code will identify the condition, pause, then repeat the code. The diagnostic code will continue to alert you in this manner until the scooter is turned off.

**NOTE: Your Travel Scooter will not run unless the diagnostic code condition is resolved and the Travel Scooter has been turned off, then turned back on.**

DIAGNOSTIC CODE	CONDITION	SOLUTION
■ (1)	Battery voltage is too low to operate the Travel Scooter.	Charge batteries as soon as possible.
■ ■ (2)	Battery charge is too low.	Charge batteries.
■ ■ ■ (3)	The Travel Scooter’s battery voltage is too high to operate the scooter, or the charger is still connected to the off-board charger port.	Unplug charger and/or turn key off, then back on again. If traveling down a slope, reduce Travel Scooter speed to the minimum setting.
■ ■ ■ ■ (4)	Current limit time out.	Turn the Travel Scooter off for a few minutes, then turn your Travel Scooter back on.
■ ■ ■ ■ ■ (5)	The manual freewheel lever is in the (forward) freewheel position.	Remove the key from the key switch, then push the manual freewheel lever to the drive (rearward) position and restart your Travel Scooter.
■ ■ ■ ■ ■ ■ (6)	Throttle control lever not at center position at start up.	Verify that the batteries are fully charged. If the batteries are fully charged, then return the throttle control lever to center position, turn Travel Scooter off then back on.
■ ■ ■ ■ ■ ■ ■ (7)	Speed pot error.	Contact your authorized Provider for assistance.
■ ■ ■ ■ ■ ■ ■ ■ (8)	Motor volts error.	Contact your authorized Provider for assistance.
■ ■ ■ ■ ■ ■ ■ ■ ■ (9)	Other internal errors.	Contact your authorized Provider for assistance.

### What if my Travel Scooter does not move when I press the throttle control lever?

- When the manual freewheel lever is pushed forward, the brakes are disengaged and all power to the motor/transaxle assembly is cut.
- Pull back on the manual freewheel lever, turn the Travel Scooter off, and then back on to return to normal operation.

## VII. BASIC TROUBLESHOOTING

### What if all the systems on my Travel Scooter seem to be “dead”?

- Make certain that the key is in the “on” position.
- Check that the batteries are fully charged.
- Push in the main circuit breaker reset button. See II. “Your Travel Scooter.”
- Make certain that the battery pack is seated properly.
- Make certain that the battery and front-to-rear harnesses are connected properly (Models 36, 83, and 84 only).
- Be sure the power down timer feature has not been activated. See IV. “Operation.”
- Check the tiller console fuse located under the battery pack.

#### To check a fuse:

1. Remove the fuse by pulling it out of its slot.
2. Examine the fuse to be sure it is blown. See **figure 34**.
3. Insert a new fuse of the proper rating.



WARNING! The replacement fuse must exactly match the rating of the old fuse. Failure to use properly rated and approved fuses may cause damage to the electrical system.

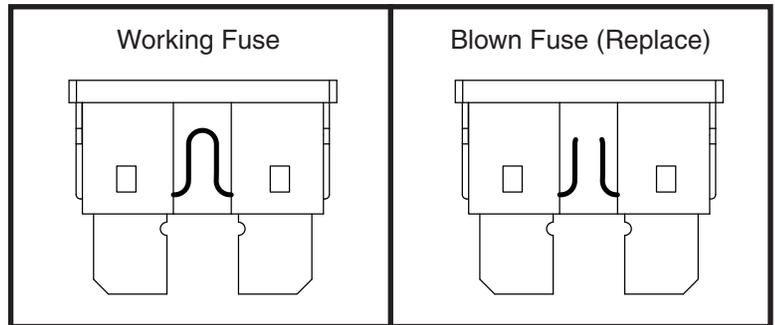


Figure 34. Fuse Replacement

### What if the Travel Scooter’s batteries won’t charge?

- Check the fuse located on the battery pack or the console. Replace if necessary.
- During the charging process, if the charger LEDs never indicate a full charge, check the fuse located on the battery pack or the console. Replace if necessary, or have your authorized Provider or qualified technician check and/or replace the fuse.
- Ensure both ends of the charger power cord are connectly properly.
- If the battery pack fuse continually blows, contact your authorized Provider for service.

### What if the main circuit breaker repeatedly trips?

- If the main circuit breaker trips repeatedly, see your authorized Provider for service.
- Charge the Travel Scooter’s batteries more frequently. See III. “Batteries and Charging.”
- If the problem continues, have both of your Travel Scooter’s batteries load tested by your authorized Provider.
- You may also perform the load test yourself. Battery load testers are available at most automotive parts stores.
- Follow the directions supplied with the load tester.
- See III. “Batteries and Charging” or “Product Specifications Sheet” for information about your Travel Scooter’s battery type.

### What if the battery condition meter dips way down and the motor surges or hesitates when I press the throttle control lever?

- Fully charge your Travel Scooter’s batteries. See III. “Batteries and Charging.”
- Have your authorized Provider load test each battery.
- Or, see the previous troubleshooting question for load testing the batteries yourself.

If you experience any problems with your Travel Scooter that you are not able to solve, immediately contact your authorized Provider for information, maintenance, and service.

## VIII. CARE AND MAINTENANCE

Your Travel Scooter requires a minimal amount of care and maintenance. If you do not feel confident in your ability to perform the maintenance listed below, you may schedule inspection and maintenance at your authorized Provider. The following areas require periodic inspection and/or care and maintenance.

### TIRES

Regularly inspect your Travel Scooter's tires for signs of damage or wear.

### WHEEL REPLACEMENT

Your Travel Scooter is equipped with solid tire inserts. If you have a damaged or worn tire, the entire wheel must be replaced. Contact your authorized Provider for information regarding replacement wheels for your Travel Scooter.



**WARNING!** Wheels on your Travel Scooter should only be serviced/replaced by a qualified technician.

**WARNING!** Be sure that the key is removed from the key switch and the scooter is not in freewheel mode before performing this procedure.

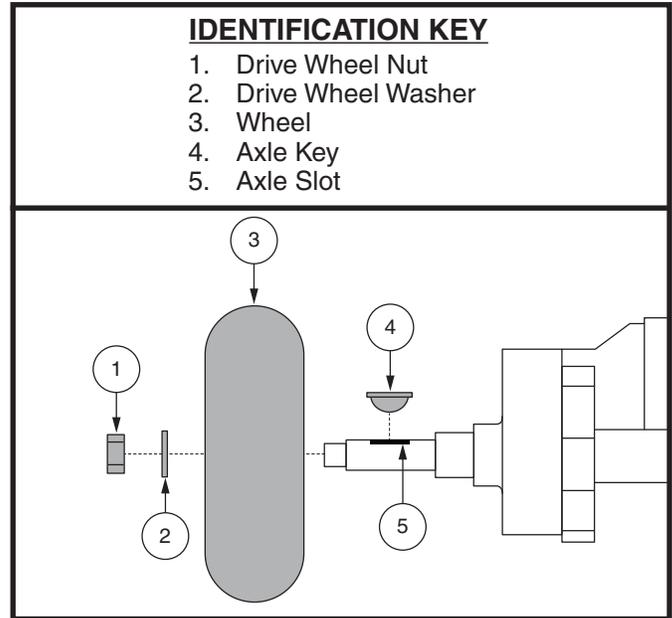


Figure 35. Wheel Replacement

### Follow these easy steps for a quick and safe repair for solid tires:

1. Remove the key from the key switch and ensure your Travel Scooter is not in freewheel mode.
2. Elevate the side of the Travel Scooter of which you are removing the tire. Place wooden blocks under the frame to elevate the Travel Scooter.
3. Remove the drive wheel nut and washer from the axle. **See figure 35.**
4. Pull the wheel off the axle.
5. Slide the new wheel onto the axle. Make sure the the axle key is in the axle slot.



**WARNING!** Ensure that the axle key is properly installed into the axle slot when mounting the wheel. If not installed securely, the braking system is disengaged which may cause personal injury and/or product damage may result.

6. Reinstall the washer and drive wheel nut onto the axle and tighten.



**WARNING!** Make sure that both the nut and washer are reinstalled and tightened properly.

7. Remove the blocks from beneath the Travel Scooter.

### EXTERIOR SURFACES

Bumpers, tires, and trim can benefit from an occasional application of a rubber or vinyl conditioner.



**WARNING!** Do not use a rubber or vinyl conditioner on the Travel Scooter's vinyl seat or tire tread. They will become dangerously slippery.

### CLEANING AND DISINFECTION

- Use a damp cloth and mild, non-abrasive cleanser to clean the plastic and metal parts of your Travel Scooter. Avoid using products that may scratch the surface of your Travel Scooter.
- If necessary, clean your product with an approved disinfectant. Make sure the disinfectant is safe for use on your product before application.

## VIII. CARE AND MAINTENANCE



WARNING! Follow all safety instructions for the proper use of the disinfectant and/or cleaning agent before applying it to your product. Failure to comply may result in skin irritation or premature deterioration of upholstery and/or Travel Scooter finishes.

### BATTERY TERMINAL CONNECTIONS

Make certain that the terminal connections remain tight and are not corroded.

### WIRING HARNESES

- Regularly check all wiring connections.
- Regularly check all wiring insulation, including the charger power cord, for wear or damage.
- Have your authorized Provider repair or replace any damaged connector, connection, or insulation that you find before using your Travel Scooter again.



PROHIBITED! Even though the Travel Scooter has passed the necessary testing requirements for ingress of liquids, you should keep electrical connections away from sources of dampness, including direct exposure to water or bodily fluids and incontinence. Check electrical components frequently for signs of corrosion and replace as necessary.



WARNING! Do not pull on electrical harnesses directly to detach them from the scooter. Always grasp the connector itself when disconnecting the harness to prevent wire damage.

### DAILY CHECKS

- With the power turned off, check the throttle. Make sure it is not bent or damaged and that it returns to the neutral position when you release it. Do not try to repair it. See your authorized provider if there is a problem.
- Visually inspect the tiller cable. Make sure that it is not frayed, cut, or has any wires exposed. See your authorized provider if there is a problem.
- Check for flat spots on solid tires. Flat spots could adversely affect stability.
- Inspect the armrests for loose hardware, stress points, or damage. See your authorized provider if there is a problem.
- Check the brakes. This test should be carried out on a level surface with at least 3 feet (1 meter) of clearance around your scooter.

#### To check the brakes:

1. Turn on the power and turn down the speed level of your Travel Scooter.
2. After one second, check the battery condition meter. Make sure that it remains on.
3. Slowly pull the throttle forward until you hear the electric brakes click. Immediately release the throttle. You must be able to hear the electrical brake operating within a few seconds of throttle movement. Repeat this test by pulling the throttle in the opposite direction.

### WEEKLY CHECKS

- Inspect the controller and charger connectors for corrosion. Contact your authorized provider if necessary.
- Check for proper tire inflation, if equipped with pneumatic tires. If a tire does not hold air, contact your authorized provider for replacement of the tube.

### MONTHLY CHECKS

- Check that the anti-tip wheels do not rub the ground when you operate the Travel Scooter.
- Check for extreme wear on the anti-tip wheels. Replace them as necessary.
- Check for tire wear. See your authorized provider for repair.
- Keep your Travel Scooter clean and free of foreign material, such as mud, dirt, hair, food, drink, etc.

# VIII. CARE AND MAINTENANCE

## YEARLY CHECKS

Take your Travel Scooter to your authorized Provider for yearly maintenance, especially if you use your Travel Scooter on a daily basis. This helps ensure that your Travel Scooter is functioning properly and helps prevent future complications.

## ABS PLASTIC SHROUDS

If your Travel Scooter has a body shroud with a **glossy finish**, the body shroud has been sprayed with a clear sealant coating. You can apply a light coat of car wax to help it retain its high-gloss appearance. If your Travel Scooter has a body shroud with a **matte finish**, use **ONLY** products developed for matte-finish paint. Do not use wax, detail spray, ArmorAll®, or any product made for glossy paint.



**WARNING!** Carefully choose the correct product to protect the finish of your Travel Scooter's shroud(s). **ONLY** products developed for matte-finish paint should be used on shrouds with a matte finish. Failure to follow this warning may result in damage to the shroud's matte paint finish.

## AXLE BEARINGS AND THE MOTOR/TRANSAXLE ASSEMBLY

These items are all prelubricated, sealed, and require no subsequent lubrication.

## CONSOLE, CHARGER AND REAR ELECTRONICS

- Keep these areas free of moisture.
- Allow these areas to dry thoroughly if they have been exposed to moisture before operating your Travel Scooter again.

## NYLON LOCK NUT REPLACEMENT

Any nylon insert lock nut removed during the periodic maintenance, assembly, or disassembly of the Travel Scooter must be replaced with a new nut. Nylon insert lock nuts should not be reused as it may cause damage to the nylon insert, resulting in a less secure fit. Replacement nylon insert lock nuts are available at local hardware stores or through your authorized Provider.

## STORING YOUR TRAVEL SCOOTER

If you plan on not using your Travel Scooter for an extended period of time, it is best to:

- Fully charge its batteries prior to storage.
- Remove the battery pack from the Travel Scooter.
- Store your Travel Scooter in a warm, dry environment.
- Avoid storing your Travel Scooter where it will be exposed to temperature extremes.
- Recommended storage temperature: -40°F/-40°C to 149°F/65°C.

Batteries that are regularly and deeply discharged, infrequently charged, stored in extreme temperatures, or stored without a full charge may be permanently damaged, causing unreliable performance and limited service life. It is recommended that you charge the Travel Scooter batteries periodically throughout periods of prolonged storage to ensure proper performance.



**WARNING!** Always protect batteries from freezing temperatures and never charge a frozen battery. Charging a frozen battery can result in damage to the battery.

For prolonged storage, you may wish to place several boards under the frame of your Travel Scooter to raise it off of the ground. This takes the weight off the tires and reduces the possibility of flat spots developing on the areas of the tires contacting the ground.

## DISPOSAL OF YOUR TRAVEL SCOOTER

Your Travel Scooter must be disposed of according to applicable local and national statutory regulations. Contact your local waste disposal agency or authorized Provider for information on proper disposal of packaging, metal frame components, plastic components, electronics, batteries, neoprene, silicone, and polyurethane materials.