

Segway® Human Transporter (HT)
Battery Pack Replacement Instructions
(NiMH and Li-ion Models)



p Series
NiMH



i & e Series
NiMH



i & e Series
Li-ion



Kit Contents

- > 1 nickel metal hydride (NiMH) or Lithium ion (Li-ion) Battery Pack
- > 4 self-sealing socket head cap screws (NiMH uses M4x0.7x16, Li-ion uses M4x0.7x30)

Tool Required

- > 3 mm hex wrench

Product Information

- > NiMH Battery Pack; 60 cells (i Series and e Series models), 48 cells (p Series models)
- > Li-ion Battery Pack; (i Series and e Series models)
- > Can be charged worldwide (100-240 Volts, 50-60 MHz); requires plug adapter for Power Cord when used in non-USA outlets.
- > Spent Batteries should be recycled. Please see label on pack for information regarding proper recycling.



Questions?

If you are missing a part, or if you need to return the product, please contact Segway Customer Operations at 1.866.4SEGWAY (1.866.473.4929) or on our website at www.segway.com/support/contact_us.html. Thank you.



WARNING!

Always shut down your Segway HT and unplug the Power Cord before performing any maintenance or installing any part or accessory.

Follow these instructions carefully. Failure to follow these instructions could damage your Segway HT and render it unsafe to use.

LIMITED WARRANTY

The Segway HT Battery Kit is a "Replacement Part" covered by the Segway® Human Transporter Limited Warranty.



WARNING!

Do not use the Battery Pack if the Battery Pack casing is broken or if a Battery Pack emits an unusual odor or excessive heat or leaks any substance. Avoid contact with any substance seeping from the Battery Pack.

Keep out of reach of children and pets. Exposure to Battery Pack voltage could result in death or serious injury.

Unplug and disconnect your Segway HT from AC power before removing or installing Battery Packs or performing any service. It is hazardous to work on any part of your Segway HT when it is plugged into AC power. You risk serious bodily injury from electric shock as well as damage to your Segway HT.

The cells within the Battery Packs contain toxic substances. Do not attempt to open Battery Packs. Do not insert any object into the Battery Packs or use any device to pry at the Battery Pack casing. If you insert an object into any of the Battery Pack's ports or openings you could suffer electric shock, injury, burns, or cause a fire. Attempting to open the Battery Pack casing will damage the casing and could release toxic and harmful substances.

Replace Battery Packs in Pairs

Whenever you replace a Battery Pack, consider replacing both Battery Packs, and always use pairs of Battery Packs with the same chemistry. Replacing only one Battery Pack will not necessarily increase the performance or range of your Segway HT, because the Segway HT is designed to operate only at the level allowed by the lower-energy Battery Pack.

Redundancy is a critical safety feature built into the Segway HT. This applies to the Battery Packs. Therefore, you should replace Battery Packs in pairs (except for the unusual situation where a Battery Pack is replaced because of damage or defect and the other Battery Pack is relatively new).

Check www.segway.com for updates to this document.

> Removing Battery Packs

Step 1

Make sure the Segway HT is powered off and not plugged into AC. It is unsafe to perform this procedure while you are charging your Segway HT.

Step 2

Orient the Segway HT so the bottom of the platform is exposed.

Step 3

Use the 3 mm hex wrench to remove screws securing the Battery Pack(s) you wish to replace (four screws per Battery Pack).

Step 4

Pull Battery Pack straight off Chassis.

> Installing Battery Packs

Step 1

Seat the new Battery Pack on the Chassis with the curved edge facing outside of Chassis.

Step 2

Thread in the four, correct length fasteners (NiMH uses M4x0.7x16, Li-ion uses M4x0.7x30) and torque to 1.0 N-m for NiMH packs or 1.6 N-m for Li-ion packs. Over tightening can damage the Battery Packs and the Chassis.

To maximize Battery Pack life and performance, follow the Charging procedure explained in your Segway HT Reference Manual. If you do not have the Reference Manual, please contact Segway Customer Operations at 1.866.4SEGWAY (1.866.473.4929) or download a copy of the Segway HT Reference Manual at: <http://www.segway.com/support/docs/>.

