Service Procedure for:

eGO® Cycle

Helio™ Cycle

Rear Wheel Removal

Models applicable: ☐ EC-100 ☒ EC-200 ☒ EC-200EU ☐ EC-300

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TIME NEEDED:

SKILLS REQUIRED:

TOOLS and EQUIPMENT REQUIRED:

Allen wrenches:

- ☐ 2mm
- ☐ 3mm
- ☐ 4mm
- ☐ 5mm
- ☐ 6mm

Open end wrenches:

- ☐ 8mm
- ☒ 10mm
- ☐ 12mm
- ☐ 13mm
- ☒ 15mm

Other tools:

PARTS REQUIRED:

-

OVERVIEW:

This procedure describes how to remove your rear wheel (required for secondary belt replacement or motor mount removal).

Preparation & Safety:

- Always wear eye protection during any maintance procedure.
- Make sure the key is removed from the switch.
- Prop the eGO up so that the back wheel is off the ground.

PROCEDURE DESCRIPTION:

I. REAR WHEEL REMOVAL

A) Loosen the rear quick-release brakes in three steps:

1. Grip the brake calipers arms (one on each side of the rear wheel) with one hand, squeezing the brake pads against the rim, and hold them there. This will slacken the brake cable.
2. Pull the L-shaped silver cable tube out of its slot in the bracket on the left side caliper arm.
3. Release the calipers. They should spring away from the rim leaving at least a 1/2 inch gap between the rim and the pads.

B) Remove the rear wheel:

1. Loosen the two rear axle retaining nuts using a 15mm open end or adjustable wrench
2. Turn the belt-tension adjuster nuts counter-clockwise until the rear wheel can be pushed forward about 1/4 inch.
3. Push the rear wheel forward as far as it will go. This will loosen the secondary drive belt enough to slide it off the rear wheel pulley.
4. Slide the rear wheel out of the chassis.

II. REAR WHEEL REMOVAL

C) Reinstall Rear Wheel:

1. Ensure the secondary drive belt is fitted around the small forward pulley inside the chassis.
2. Position rear wheel into the chassis and fit the secondary drive belt loosely around the rear wheel pulley.
3. On the right side of the axle, install the thick washer INSIDE the chassis next to the black nut on the axle.
4. On the left side of the axle, install the thick washer between the tension adjuster and the axle nut.
5. Reinstall the right side belt tension adjuster. Make sure both belt tension adjusters are properly oriented and aligned with the

chassis dropouts (you may have to loosen the adjuster nuts for the adjusters to fit properly over the axle and over the back of the drop outs).

6. Finger tighten the axle nuts to prevent the wheel from moving.
7. **See the Secondary Belt Replacement and Adjustment procedure**

Testing:

1. ***** NOTE ** The eGO Cycle is not usable until the Secondary Belt Replacement and Adjustment procedure is completed.***

Troubleshooting:

1.