

Mechanics Helper – Rear wheel Removal/Installation

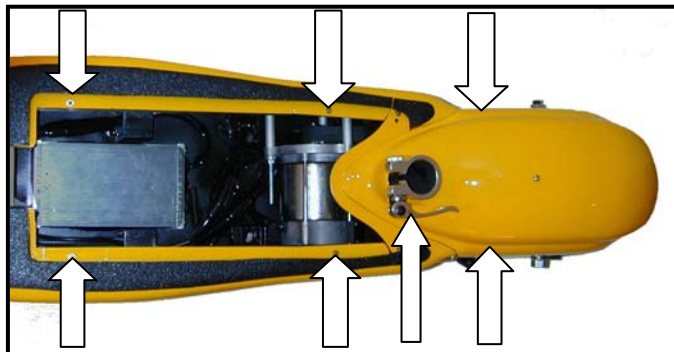
➤ Rear Wheel Removal/Installation

Basic description.

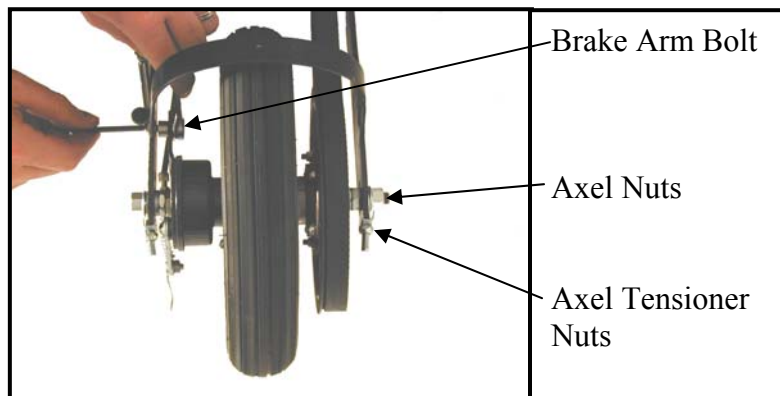
The IQ 450 electric scooter uses inflatable tires for a smooth and comfortable ride. The drive belt is easily installed and never needs tensioning once installed. These belts do not stretch and will break if over tensioned. To insure good service life from belts and tires keep the grooves in belt pulleys free of gravel and small rocks. Be careful of thorns, which will puncture tires and keep tire pressure relatively high at 45 psi. To avoid flats on future rides consider thicker thorn proof tubes available from Vego.com

Procedure

1. Turn scooter power off.
2. Remove battery
3. Remove the six screws and seat tube clamp, which affix the body to the chassis.
4. Remove the body.



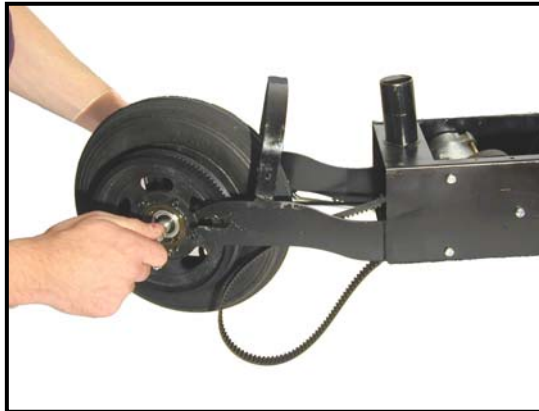
5. Loosen and remove brake arm bolt using a 4mm allen wrench and an 10mm wrench.



6. Loosen the axle tensioner nuts.
7. Loosen the axle nuts.



8. Move rear wheel forward to detension drive belt.
9. Slide belt first off rear pulley.



10. The wheel is now ready to remove, be cautious because the wheel is still connected to the scooter by the brake cable.
11. Install new belt or tire. *See Mechanics Helper for details on changing a tire or belt.*
12. Reinstall rear wheel
13. Tension belt using tensioner nuts so that belt has ¼ inch free play when wiggled up and down with very moderate force.
14. Install brake binder bolt, tighten axle nuts and inflate tires to 45psi
15. If belt slips under acceleration further tighten the belt. If the scooter does not roll freely loosen the belt.
16. Check tightness of brake hold down bolt and axle nuts to ensure nothing has been overlooked.