

# Mechanics Helper – Throttle Replacement

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## ➤ Throttle Replacement

### Basic description.

The Vego IQ 450 electric scooter uses a variable speed throttle to control the scooter speed. The throttle is mounted on the handlebars and sends a signal via an electric wire to the controller. The throttle wire is routed through a rubberized tube into the battery pan and ends with a 3 pin plug which plugs into the controller.

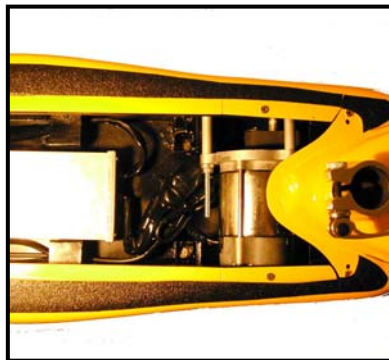
### Installation Procedure

**Warning: We recommend you bring your scooter to a qualified mechanic for service and maintenance.**

1. Turn scooter power off and unplug and remove the battery.
2. Remove the right side handlebar grip by working it off. If the grip will not come off peel up the edge of the grip and spray window cleaner between the grip and the handlebar to help loosen the grip.
3. Using the 2.5mm allen wrench included in your new parts bag remove the broken throttle.
4. Unravel the cable housing and free the throttle wire.



5. Open the battery door and follow the throttle wire down into the scooter chassis.



6. Slide the black dust covers back from the connector and unplug the throttle wire.
7. Unplug the old throttle at the 3 pin connector.



8. Install the new throttle on the handlebars and tighten the set screw.
9. Run the new throttle cable down the handlebars and into the battery pan along with the other wires and cables. Wind the cable housing around the cables.
10. Plug in the new throttle and slide the black dust cover over the connector.