

## Mechanics Helper - Tire Installation

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### ➤ Tire Installation

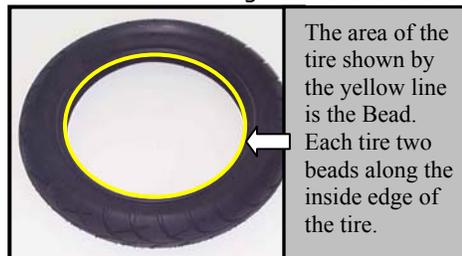
#### Basic description.

The Vego IQ 450 electric scooter uses inflatable tires for smooth comfortable ride. The tires are installed and removed like a bicycle tire with plastic tire levers. The tubes may be patched or filled with sealant but tube replacement proves to be the best solution to a flat tire. If you need a new tire or tube order from Vego.com

#### Changing A Tire

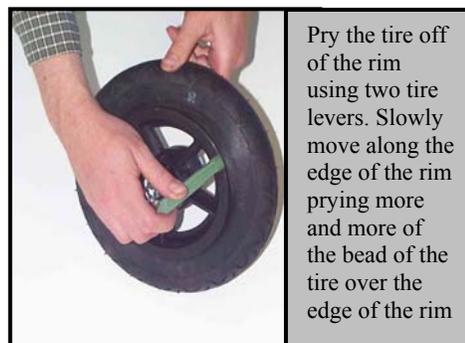
*Warning: We recommend you bring your scooter to a qualified mechanic for service and maintenance. Do not attempt to use any tools you are not familiar with. Do not ride your scooter if you feel there may be something wrong with it that needs attention.*

1. Remove the wheel. See *Mechanics Helper- Wheel Removal* for instructions on wheel removal.
2. Let all the air out of the tire if it is not already flat by pressing the small pin in the center of the valve stem.
3. Insert a tire lever under the edge of the tire and pry the edge of the tire up and over the rim. The beads are the inner edges of the tire that touch the plastic rim. These



specially designed edges are tough and hard to stretch over the rim. Choose either the left or right bead do not attempt to lever both beads of the tire over the rim at once the tire will get stuck halfway off the rim.

4. Insert a second tire lever while holding the first tire lever in place and pry more of the tire off the rim.
5. Continue to reinsert the second tire lever moving further along the edge of the tire. This is difficult and may take several minutes to fully remove the tire. Once one



bead is halfway removed you can finish removing it by hand. The second bead is much easier to remove than the first and requires minimal use of tire levers.

6. Once the tire is removed pull the tube out of the tire and discard the old tube.

7. Feel the inside of the tire and check for staples and tacks that have pushed thru the tire. Once you have removed the object that caused the flat you are ready to install the new tube.
8. Using your Vego pump partially inflate the tube so that it does not fold when it is being installed and put the tube in the tire.
9. Put the valve stem thru the hole in the rim and install one bead of the tire.
10. Stretch the second bead up and over the edge of the rim letting all the air out of the tube to help it fit over the rim. Be careful not to pop the tube at this point. Some people use tire levers to reinstall the tire others force them on with their hands.
11. Reinflate the tire and listen for leaks. If the tire stays full it is time to reinstall the wheel.