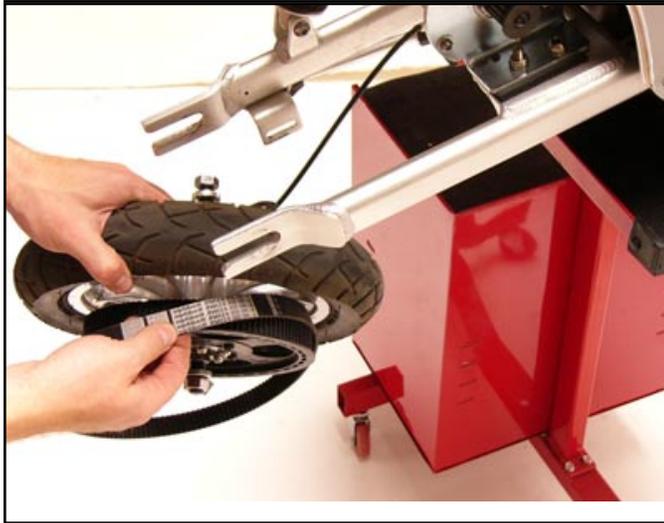


# Mechanic's Helper • Belt Replacement

## • Basic Description

The SX 600 electric scooter uses a belt drive for a smooth and quiet ride. The belt has teeth and rides in grooved pulleys. The motor sprocket is steel and attaches to the motor with a set screw. The rear sprocket is plastic and is bolted to a freewheel which threads on to the rear hub. 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 keep the grooves in the belt sprockets free of gravel and dirt do not lubricate the belt.

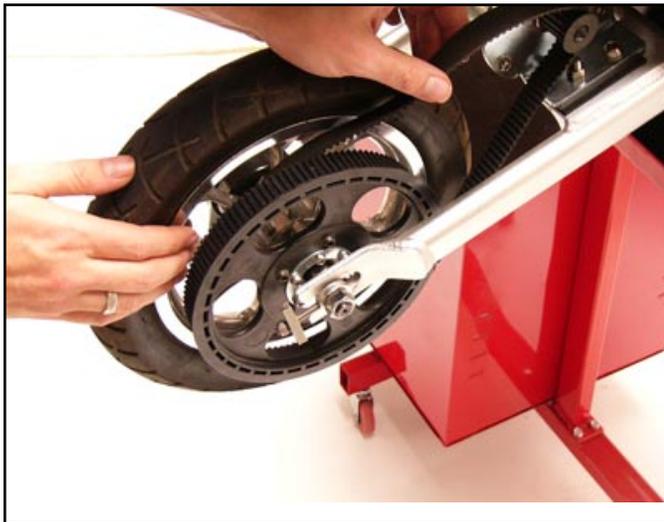
## • Procedure



1. Remove rear wheel (See Mechanics Helper • Rear Wheel Removal for detailed instructions)
2. With the rear wheel removed hang the new belt on the rear pulley



3. Install the rear wheel onto the scooter frame.
4. Put the belt around the motor pulley.



5. Put the belt around the rear wheel pulley.
6. Tension the belt using tensioner nuts. Adjust both sides equally so that belt has 1/4 inch free play when wiggled up and down with very moderate force. You must have an equal number of threads showing past both tensioner nuts.



8. Install brake binder bolt, tighten axle nuts and inflate tires to 60psi
9. Test drive the scooter. If the belt slips under acceleration further tighten the belt. If the scooter does not roll freely loosen the belt.