

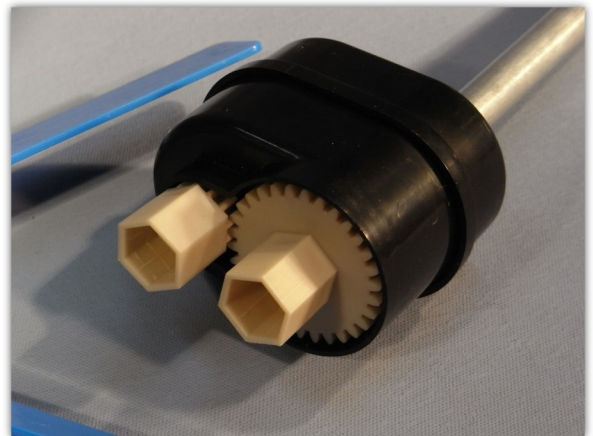
Setting up the STELR Hand-Cranked Generator

This requires two parts:

- the hand-cranked generator mount from the STELR Renewable Energy Teachers Kit
- the wind turbine from the STELR Renewable Energy Student Kit



hand cranked generator mount



wind turbine

Step 1

Locate the hexagonal adaptor on the hand-cranked generator mount, and remove it.



Step 2

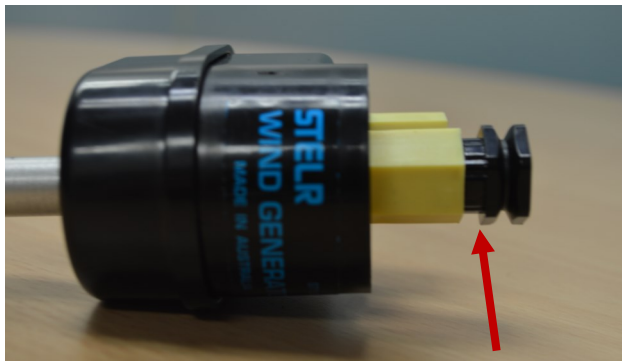
Attach the hexagonal adaptor to the turbine as indicated. It must be inserted into the socket with the yellow gears.



Step 3

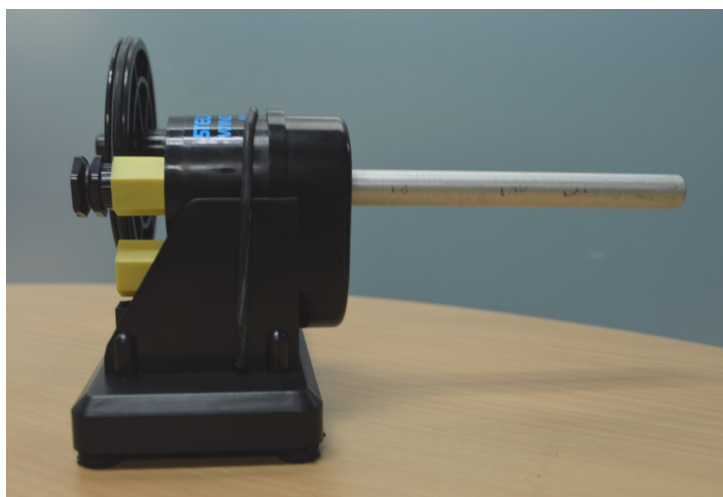
Check that the adaptor is fully inserted.

If it is not fully inserted, lining up the belt may be difficult in step 5.



Step 4

Slot the turbine into the hand-cranked generator mount as shown. Use the rubber band to hold in place.



Step 5

Stretch the belt from the crank wheel so that it fits into the groove on the hexagonal adaptor. Make sure the groove on the crank wheel and the adaptor are lined up. Turn the crank.



Please note that spare belts are available for purchase. Please contact the STELR Administration Officer for details at STELR.admin@atse.org.au