

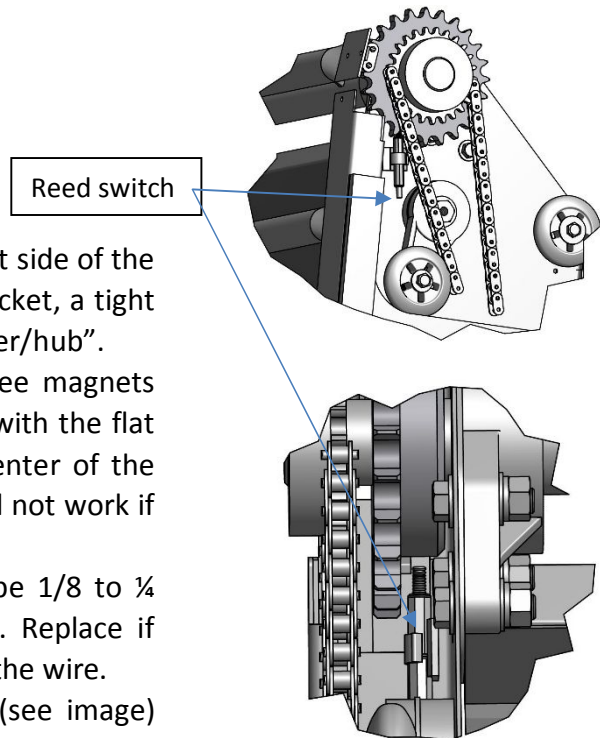
Laddermill Reed Switch service

Parts and Tools Needed:

- 3/8" socket wrench
- (optional) (3) magnets
- (optional) super glue
- Reed switch/sensor

Procedure:

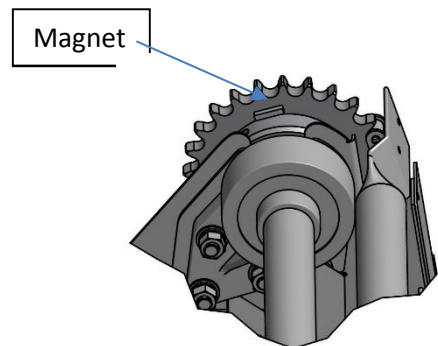
1. Remove Shroud
2. Rotate rungs to reveal the magnets on the right side of the machine. They are attached to the large sprocket, a tight fit. They are attached to the sprocket "shoulder/hub".
3. Inspect the sprocket and make sure that three magnets are present, equally spaced around the hub with the flat face of the magnet facing in towards the center of the wall. **This is important:** the magnetic field will not work if the magnet has turned on its side.
4. Inspect reed switch position, the tip should be 1/8 to 1/4 inch from magnets. Test by rotating ladder. Replace if needed: the sensor just plugs into the end of the wire.
5. If needed, you can double up the magnets (see image) using a small dab of super glue to hold the second magnet in place.



Figures:



Image of magnets doubled up



Incorrect: magnet on round edge



correct: magnet on flat edge