



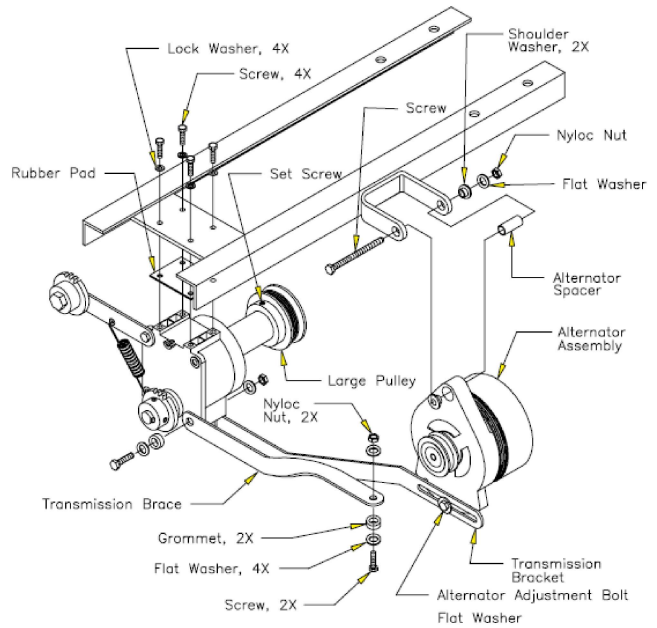
# Major Components

## Resistance System

The alternator and transmission connect to the chassis of StepMill as shown.

The alternator's connection pivots allowing the poly-V belt to be tensioned. Tension to 40-54 lbs\*inch, or 1/4 of a turn (90 degrees) of deflection. Ensure the belt is not too tight, or damage to the alternator bearings or transmission housing can occur.

The inner pulley of the transmission has a set screw so the poly-V belt can be aligned with the alternator pulley.



Wiring connections to Alternator:

- W5: White-B+ Alt. output voltage
- W3: Brown Field, Alternator Control Current
- W6: Black Ground, Alternator return
- W4: Blue Tach, velocity signal to console

