First: Place the upper body assembly and Carriage Sleeve Assembly in the position shown drawing. Insert the Axle Peg into the Carriage Sleeve Axle Peg hole. Place the Carriage Sleeve Assembly with the Axle Peg in the Capture zone area of the Worm Gear Carriage. Snap the Carriage Sleeve Assembly onto the Worm Gear Next: Attach the Springs and then glue on the Foot Plate. Upper Body Assembly - Foot Plate Use Epoxy to glue the Foot Plate onto the Carriage Attach the Springs to the Spring Body Mount Plate Sleeve Assembly 1/2" up from the bottom edge of the plate on center. Use a #6 x3/4" wood screw and 2 #6 Flat washers. Leave the spring slightly loose. (Both Sides) Axle Peg Springs 0 Connect the lower end of the spring onto the Carriage Sleeve Assembly Carriage Sleeve spring mount screw using 2 #6 flat washers and 2 #6-32 nuts. Tighten the nuts against each other to alow the spring to remain slightly loose. (Both Sides) **Materials:** Final Assembly 1- Upper Body Assembly 2-#6 x3/4" round head wood screws 8-#6 flat washers 1- Carriage Sleeve Assembly 4-#6-32 nuts 1- Foot Plate 2- Springs - Epoxy (Glue) 1- Axle Peg