

EDGERIDER CARRIAGE INSTALLATION FOR APQS LENNI MACHINES

PARTS THAT COME WITH THE KIT

- 1 – carriage fully assembled
- 2 – stabilizer assemblies, attached (not usable on the Lenni table that joins in the middle)
- 16 – washers
- 4 – ¼-28 x 5/8 inch bolts
- 1 – end cap

TOOLS REQUIRED

- Phillips head screwdriver
- 1/8" and 5/32" allen wrench
- 7/16" socket wrench and 7/16" wrench (or 2 7/16" wrenches)
- Sandpaper



- a. Lift the level bar and prop it up as image on the right shows.



- b. Unplug the carriage encoder/sensor cable from the machine.



- c. Flip up the arm position sensor.



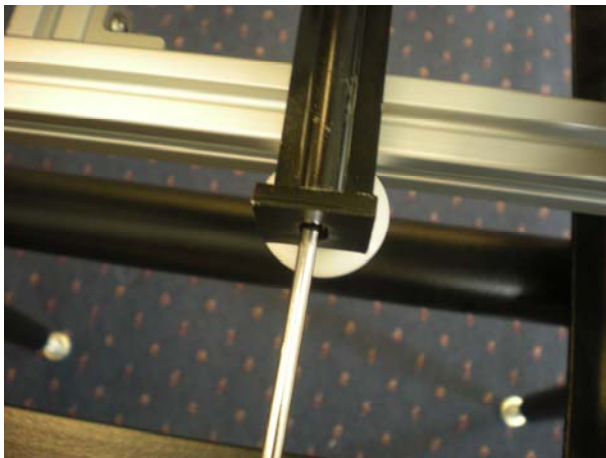
- d. Set the EdgeRider Carriage on the tracks as the figure above shows.



- e. Lift the arm from the carriage and rest it on the table tracks as the image shows
- f. Remove the four wheels.



- g. Cut and remove black wire ties.
- h. Transfer the arm to the EdgeRider Carriage. Make sure the bottom of your machine is sitting on the carriage cross bars.
- i. If the axle does not fit you need to sand off some of the paint on the axle ends.



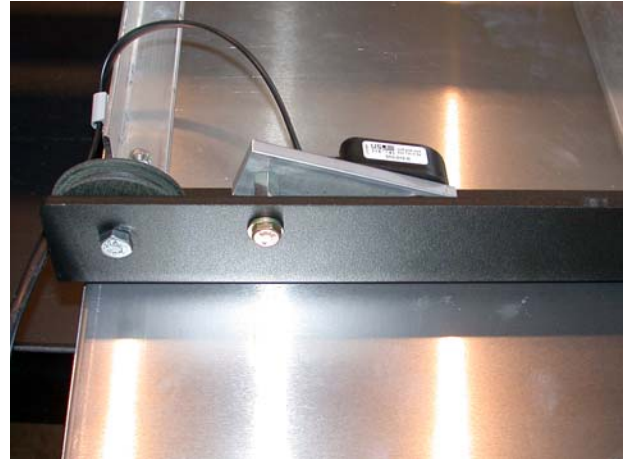
- j. Use your screwdriver or Allen wrench to align the holes of the carriage bracket and machine axle.



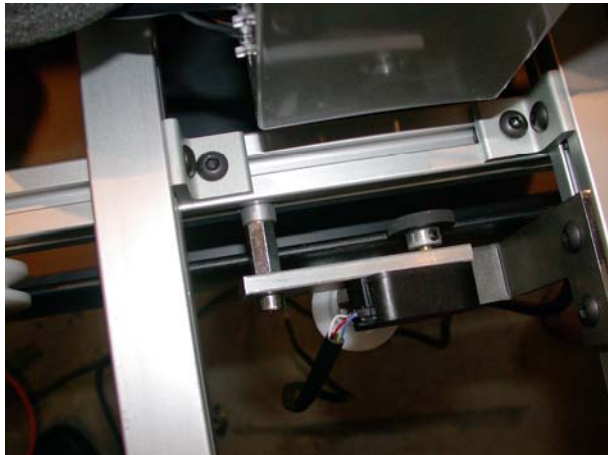
- k. Secure the machine to the carriage with the 4 bolts and washers provided. One washer per bolt. If needed, put additional washers between the axle and the bracket for a tight fit.



- l. Position the arm encoder on the middle of the EdgeRider carriage track and secure it with the two shaft collars.
- m. Replace the level bar.



- n. Remove the carriage sensor from the original carriage.



- o. Mount the carriage sensor on the post at the back of the EdgeRider carriage, using the original screw and washers. Align the rubber wheel with the top of the table track.



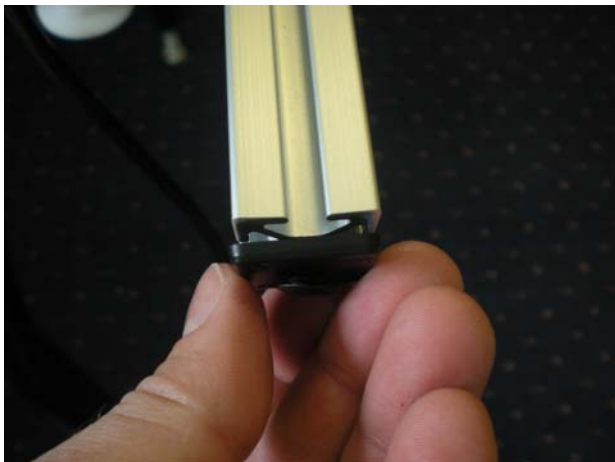
- p. Loosen then slide the stabilizer bracket in to the back right track. Position it within 1/8"-1/4" from the edge of the track with the wheel below it.
- q. Straighten the front stabilizer on the other side of the carriage and adjust to fit.



- r. Use your Allen wrench to tighten the bracket. Make sure it is 1/8" to 1/4" from the edge of the track.



- s. Adjust the wheel level so that it is touching the bottom edge of the track using the 2 nuts above and below the wheel.
- t. Once in place, tighten with your wrench.



- u. Put the end cap and plug in place. You are done.