

EDGERIDER WHEEL INSTALLATION ON HANDIQUILTER WITH RAILZ

PARTS THAT COME WITH THE KIT

- ❑ 4 - sliding hub wheels (remove tape)
- ❑ 4 - fixed hub wheels
- ❑ 18 -thick washers
- ❑ 10 – thin washers
- ❑ 8 - 1 ¼ inch bolts (2 left over if installing on stitch regulated machine)
- ❑ 1 - 2 inch bolt (left over if no stitch regulator)
- ❑ 1 - ¼-20 Lock nut (left over if no stitch regulator)
- ❑ 1 – Custom bolt with nylon nuts for securing sensor bracket on the machine

TERMINOLOGY

- ❑ Sliding hub wheel – wheel that comes with tape on the center (remove) that has a sliding center sleeve
- ❑ Fixed hub wheel – wheel where center does not move in out, does not extend beyond bearings

INSTALLING THE WHEELS ON THE MACHINE

To make the installation easier, remove the machine from the carriage.

Remove the left front wheel (**viewed from the front**). Install the EdgeRider wheel without the sliding hub using the 1-1/4" bolt and two thick washers between the wheel and the body of the machine. Place a thin washer on the outside of the wheel.



ON NON-STITCH REGULATED MACHINES

Repeat the wheel installation procedure for the rear left wheel (viewed from the front).



ON STITCH REGULATED MACHINES

Remove the bolt and locknut holding the wheel and sensor bracket.

While working on the rear left wheel, keep the spring on the sensor bracket at its original position.

Put the wheel on the custom bolt with 2 thick washers between the machine and the wheel.

Mount the assembly on the machine with a screwdriver. Secure the sensor bracket by placing the thin white nylon washer on the bolt, the sensor bracket, then the white nylon nut on the outside. Do not over-tighten.



Remove the right front and back wheel (viewed from the front). Install the EdgeRider wheel with the sliding hub (pictured to the right) using the 1-1/4" bolt and two thick washers between the sleeve and the machine and 1 thin washer on the outside of the wheel.



INSTALLING THE WHEELS ON THE CARRIAGE

ON STITCH REGULATED MACHINES

Remove the wheel/sensor assembly from the front of the carriage. Remember the position of the washers and spring.

Install the non-sliding hub wheels on the front of the carriage. For the sensor side use the 2" bolt. Make sure that you put two thick washers between the wheel and the carriage and 1 thin washer on the outside of the wheel.

Drive the bolt into the threaded hole on the carriage. Mount the washers, the spring and the lock nut in their original order. Hold the bolt from turning and tighten the locknut enough to keep the bracket aligned, but freely moving.

ON NON-STITCH REGULATED MACHINES

Install a non-sliding hub wheel on the front of the carriage, using a 2" bolt, putting two thick washers between the wheel and the carriage and one thin washer on the other side of the wheel.

Install the remaining non-sliding hub wheel on the other side of the front of the carriage, using a 1-1/4" bolt, putting two thick washers between the wheel and the carriage and 1 thin washer on the outside of the wheel.

Install the rear sliding hub wheels using 1-1/4" bolts, putting two thick washers between the sleeve and the carriage.

The rear wheels should be positioned with hubs on the outside, as the picture shows.

