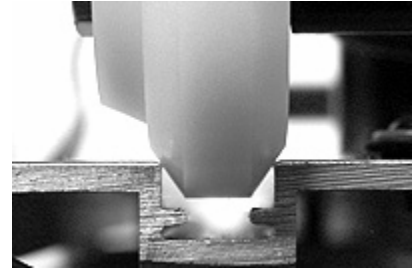


EdgeRider™ WHEEL INSTALLATION ON APQS ULTIMATE-II MACHINES

PARTS THAT COME WITH THE KIT

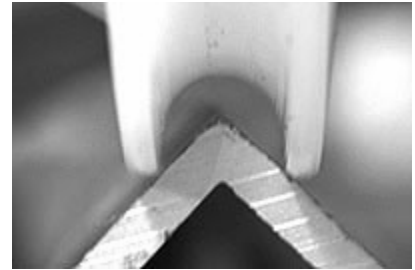
- ❑ 2 – smaller wheels with sliding hub (blue tape) – for machine head
- ❑ 2 – smaller wheels with fixed hub – for machine head
- ❑ 4 – larger wheels with fixed hub - for carriage
- ❑ 8 – thin washers
- ❑ 8 – thick washers
- ❑ 4 – 1 inch bolts (brass color)
- ❑ 4 – 1 ¼ inch bolts (silver)
- ❑ 4 – nuts (silver)

The EdgeRider™ wheels provide firm alignment for the machine by running on the edges of the aluminum channels, as the picture shows. There are two sliding hub wheels in your kit, to be mounted on the left side of the arm (viewed from the front). The slider sleeves provide self alignment, keeping the wheels positioned on both sides as shown on the picture.

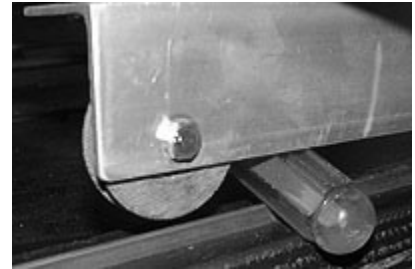


CARRIAGE WHEELS

The carriage wheels should be aligned with the center of the tracks, so the edges of the wheels run on the sides of the track, as the picture shows. Make sure that both edges are touching the track. Use washers to fine adjust the wheel positions.



Lift the carriage and rest it on a block, or the handle of a larger screwdriver to make the wheel replacement easier.



Install the 4 carriage wheels using the enclosed 1 ¼" - 1/4"-20 (silver) bolts and nuts.

- insert the bolt into the rear bracket
- put two thick washers on the bolt
- slide the wheel on the bolt with the hub away from the bracket
- put one thin washer on the bolt
- secure the wheel with the nut



MACHINE (HEAD) WHEELS

Install two wheels on the right side (viewed from the front) using the same washers that were used on the original arm wheels. However, you will need to use the longer bolts included in your kit. Make sure that the hubs are positioned on the outside.

Remove the tape from the sliding hub wheels and install them on the left side of the arm. Check if there is enough clearance for the wheel to slide in/out while compensating for possible misalignment of the tracks. If there is not enough clearance, add/remove washers at the right side.



If there was an "L" bracket on the left front wheel, reinstall it, but put two washers between the bracket and the wheel to provide safe clearance.