CNC Router Parts

Router Mount

Assembly Instructions

Version 2016Q3.1
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Base Adapter Installation, Routers or Round Spindles

Note: If you purchased a spindle from CNC Router Parts, skip to section 2.
• Attach the router mount to the base adapter as indicated
- Tighten the highlighted fasteners.
Note: If you purchased the optional tramming plate, skip this step and proceed to section 3.

- Thread the socket head cap screws into the t-nuts through the base adapter as indicated
Slide the router mount assembly into the t-slots of the z axis as indicated.
- Tighten the highlighted fasteners.
• Slide your router or round spindle into the router mount as indicated.
- Tighten the highlighted fasteners.
Base Adapter Installation, Air-Cooled Spindle
• Attach the spindle to the base adapter as indicated.
• Tighten the highlighted fasteners.

• Installation is now complete. The rest of this document pertains to the tramming plate and spindle kits.
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Tramming Plate Installation
• Thread the socket head cap screws into the t-nuts through the tramming as indicated
- Slide the tramming plate into the t-slots of the z-axis as indicated.
- Tighten the highlighted fasteners.
Note: Skip this step if you purchased the spindle kit.

- Attach the router mount assembly to the tramming plate as indicated.
Note: Skip this step if you purchased the spindle kit.

- Slide your router or round spindle into the router mount as indicated.
Note: Skip this step if you purchased the spindle kit.

- Tighten the highlighted fasteners.
Note: Skip this step if you did not purchase a spindle kit.

- Attach the spindle assembly to the tramming plate as indicated.
Note: The router mount and or spindle are hidden for the remainder of these instructions for visual clarity.

- Slide the M8 dowel pin to set the router mount in the nominally trammed position.
• Tighten the highlighted fasteners.

• Remove the dowel pin.
After completing test cuts, you may slightly loosen all four of the mounting fasteners, and rotate the eccentric bearing to adjust your tram.
In most installation, tram does not need to be adjusted around the axis parallel to the gantry of the machine. However, if adjustment is required in this direction, a small shim can be placed between the tramming plate and the base adapter, at the top or bottom as needed.