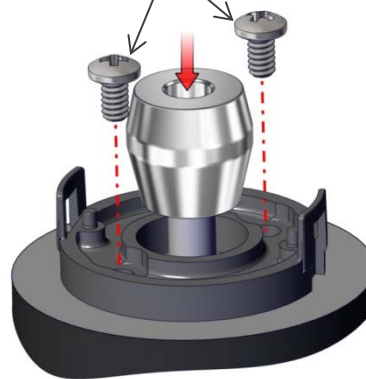# E8T Assembly Instructions

Step 1:

Place the base over the shaft and onto the mounting surface. Slide the centering tool onto the shaft so that it contacts and aligns the base. While applying light pressure to the centering tool, secure the base to the mounting surface using two screws.
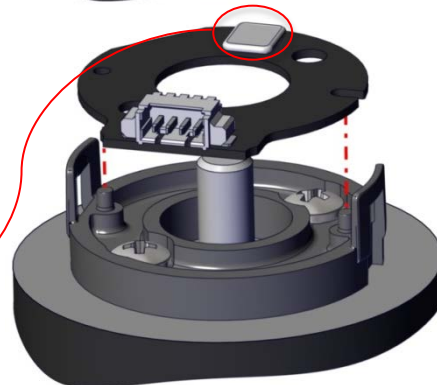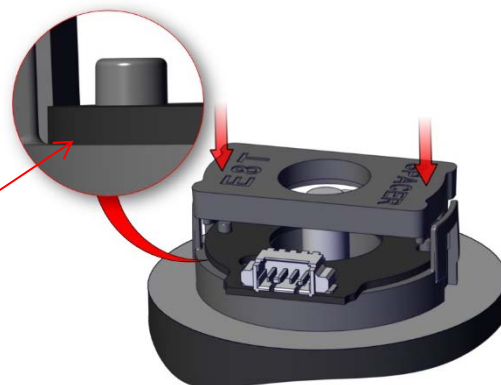
Step 2:

Remove the centering tool and place the PCB onto the base, aligning the hole and slot to the two pins on the base. Note that the base is symmetrical allowing the connector to exit out either side.

Caution: When handling the PCB it is best to avoid directly touching the optical sensor.
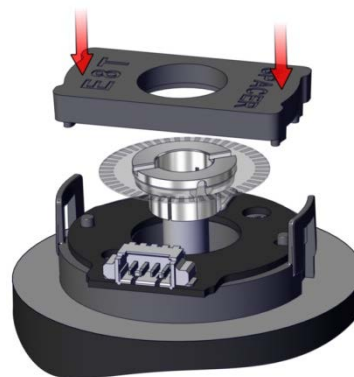
Step 3:

Using the spacer tool, very firmly press down on the PCB in order to push it over the alignment pins and completely onto the base surface. Check to make sure that the PCB is fully seated against the base. If it is not, use the spacer tool to press it again, recheck that it is fully seated.

Step 4:

Place the hubdisk onto the shaft with the longer end of hub toward the base. Position the spacer tool onto the hub such that the notches are aligned with the latches of the base. Press down firmly until the tool bottoms out on the PCB. Verify that this action has pressed the PCB flush against the base.

Caution: While installing the hubdisk ensure that the hub bore is parallel to the shaft. Forcing the hub onto the shaft at an angle may cause permanent damage to the hub.

E8T Assembly Instructions

Step 5:

Remove the spacer tool and snap the cover down onto the base, (1). With your thumb and finger, squeeze the base latches together to ensure they are fully engaged with the cover, (2).

support@usdigital.com ▪ www.usdigital.com
Local: 360.260.2468 ▪ Sales: 800.736.0194
Support: 360.397.9999 ▪ Fax: 360.260.2469
1400 NE 136th Ave. ▪ Vancouver, Washington ▪ 98684 ▪ USA

US DIGITAL

USD-4424
v2.2
Page 2