

## Step 1: Base Mounting

Secure the base to the mounting surface using two or three screws. If a centering tool is used, slip it over the shaft and into the center hole of the base.

Tighten the mounting screws and then remove the centering tool.

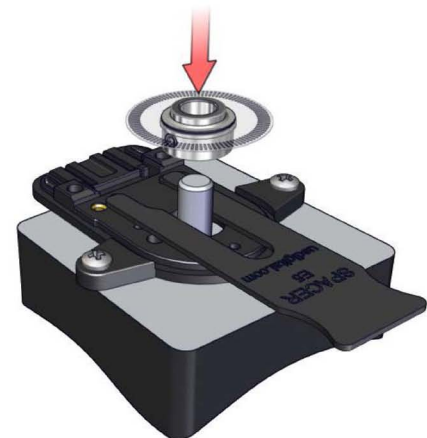
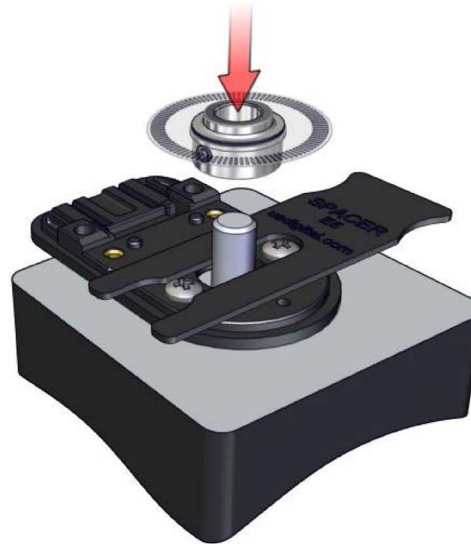
**Transfer Adhesive:** Peel off the paper backing, place the centering tool into the center hole of the base. Slip the centering tool and base over the shaft and onto the mounting surface. Press down firmly to form a good bond, then remove the centering tool.



## Step 2: Codewheel Installation

Place the spacer tool around the shaft as shown on the image to the right. Slip hub disk assembly onto shaft with codewheel disk towards top until it bottoms out against spacer tool.

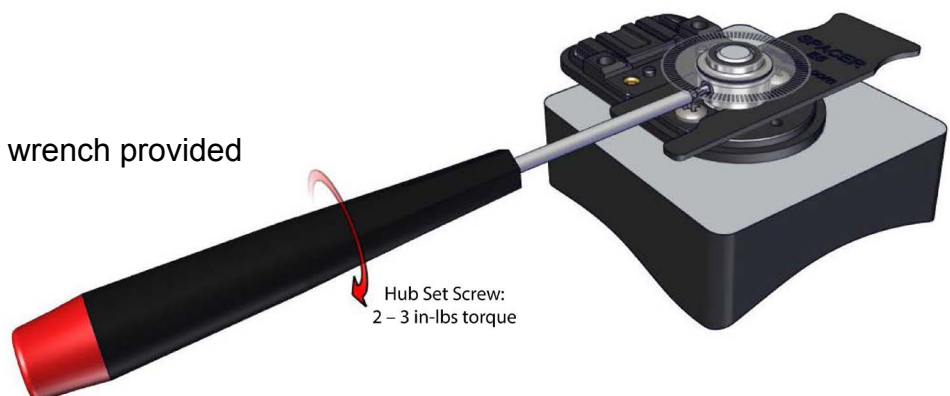
Note: Alternate spacer orientations may be required depending on base/mounting configuration.



Alternate spacer tool orientation for G-Option base

## Step 3: Securing the Codewheel

Tighten the set screw with a hex wrench provided while pressing down on the hub.

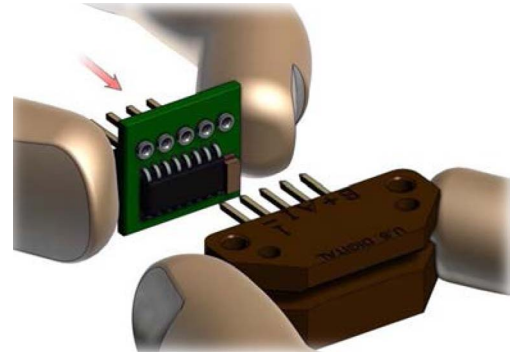


Hub Set Screw:  
2 – 3 in-lbs torque

#### Step 4: Module Subassembly

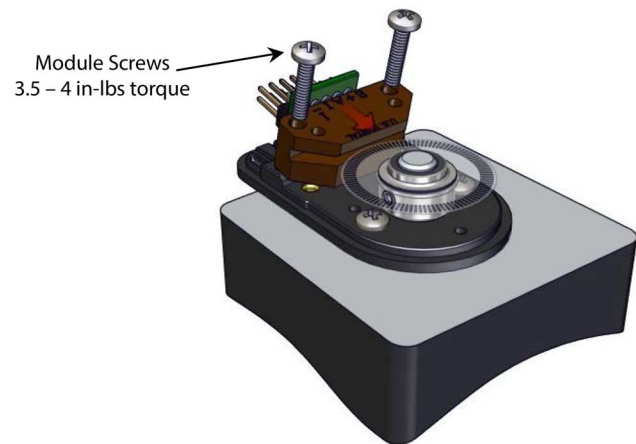
Install the line driver onto module.

*Caution: To avoid any injury, make sure the line driver is held properly (as shown) during installation, module pins are sharp!*



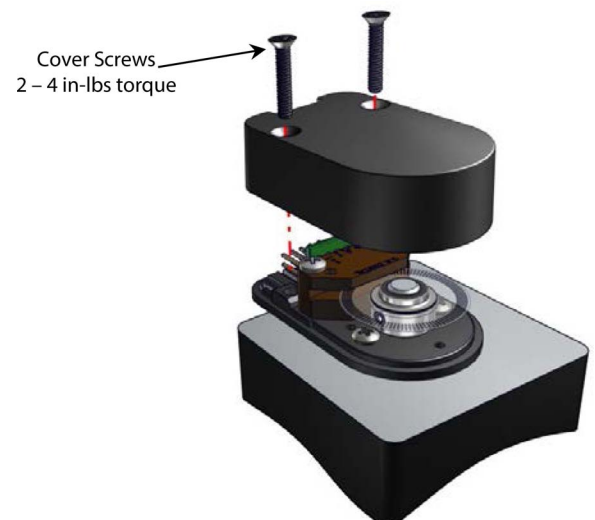
#### Step 5: Encoder Module Installation

Slip optical module assembly into position until the two alignment pins slip into holes of module (thick side of module towards bottom). Secure with 4-40 x 1/2" screws (supplied).



#### Step 6: Cover Installation

Place house (cover) over assembly and secure with two 4-40 x 5/8" cover screws (supplied).



Parameter	Torque
Hub Set Screw to Shaft	2-3 in-lbs
Cover (4-40 Screw Through Cover Into Base)	2-4 in-lbs
Base to Mounting Surface	4-6 in-lbs
Base to Mounting Adapter Plate	4-6 in-lbs
Adapter Plate to Mounting Surface	4-6 in-lbs
Module to Base	3.5-4 in-lbs