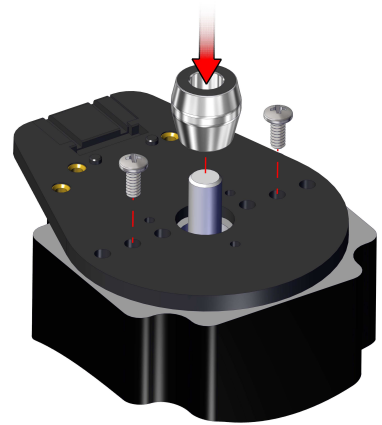# E6 Differential Assembly Instructions

Please Note: These instructions apply to the E6 differential version *only*.
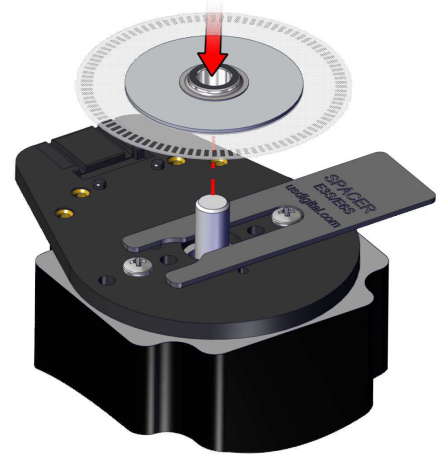
Step 1:

Place encoder base onto mounting surface. Slip centering tool over the shaft and into the center hole of base. While holding pressure on the centering tool, tighten mounting screws. Remove centering tool.
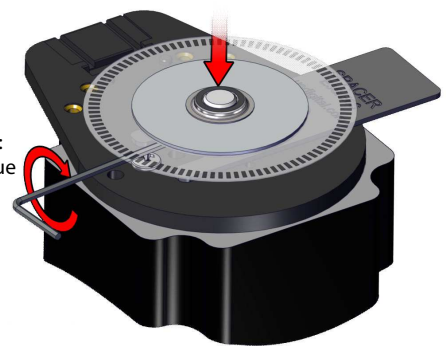
Step 2:

Place spacer tool around shaft. Slip hubdisk assembly onto shaft with codewheel disk towards top until it bottoms out against spacer tool.

Step 3:

Tighten set screw with provided hex wrench while pressing down on hub. Remove spacer tool.

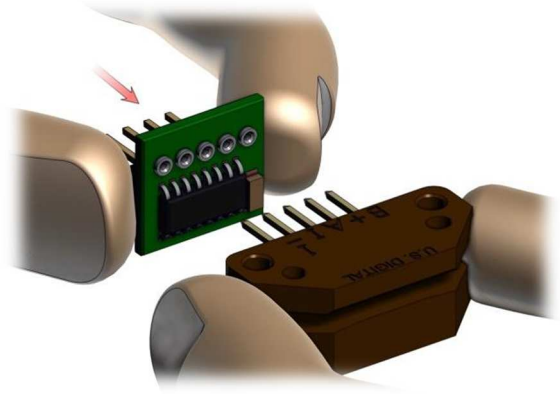Hub Set Screw:
2 – 3 in-lbs torque

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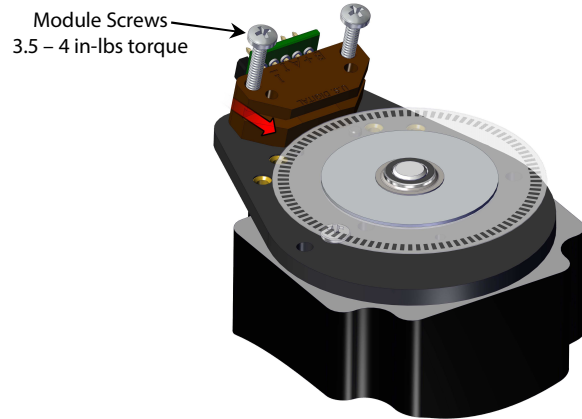
Step 4:

Press line driver onto module pins until it reaches the end of its motion.

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

Module Screws
3.5 – 4 in-lbs torque

Step 5:

Orient module with connector pins toward the top. Gently slide module onto base. Fit module onto the two alignment pins on base and secure with two 4-40 x 1/2" pan head screws (supplied).

Cover Screws
2 – 4 in-lbs torque

Step 6:

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