

VCM AND LENS BARREL INSERTION JIG

ABSTRACT

An embodiment of the invention is an assembly tool for assembling a camera module. The assembly tool may include a base member having a lens barrel guide member, the lens barrel guide member operable to position a lens barrel on the base member. The assembly tool may further include a voice coil motor (VCM) guide member positioned around the lens barrel guide member, the VCM guide member having a recessed region operable to receive and position a VCM around a lens barrel associated with the lens barrel guide member. The assembly tool may further include an actuator connected to the base member and the voice coil guide member, wherein the actuator is operable to rotate the VCM guide member around the lens barrel guide member so as to secure a VCM received by the VCM guide member to a lens barrel associated with the lens barrel guide member.

Figure 1