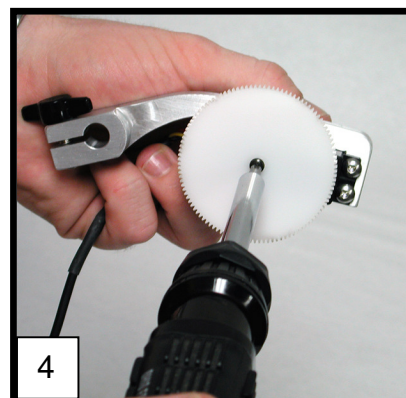
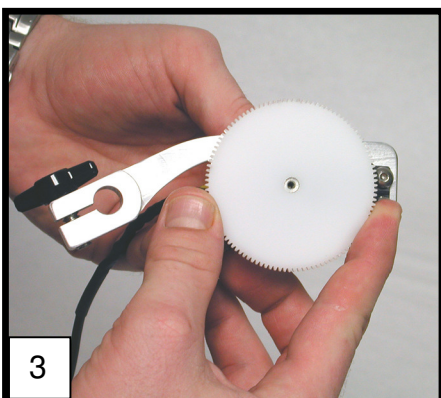
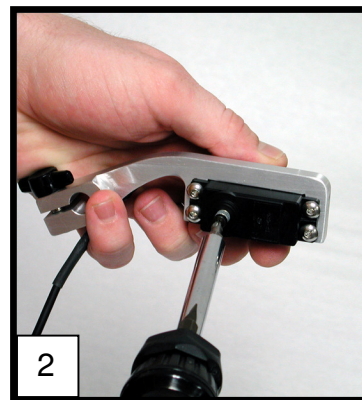
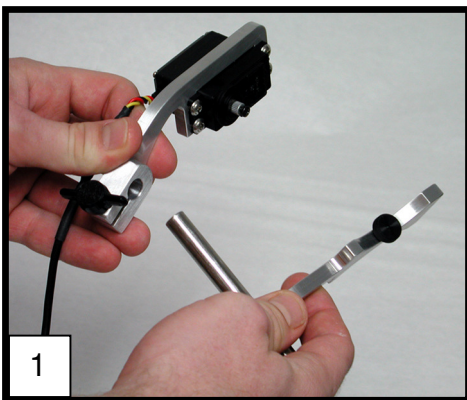
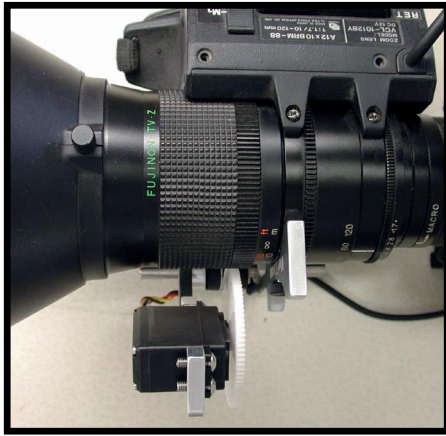


Items included with the VZ-EFC: aluminum bracket and motor assembly, one Canon gear, one Fujinon Gear, two 10' extension cables, one control unit with LCD readout and clamp, 7.2V Li-Ion rechargeable battery, carrying bags, set of cable straps.



First, determine which gear you need to use and attach it to the motor. The Canon gear is marked "C" and the Fujinon is marked "F". 1) Loosen the tee-head screw and remove the motor bracket from the stainless steel rod 2) Remove the screw in the center of the motor spindle. 3) Install the appropriate gear. 4) Replace the screw in the motor spindle.



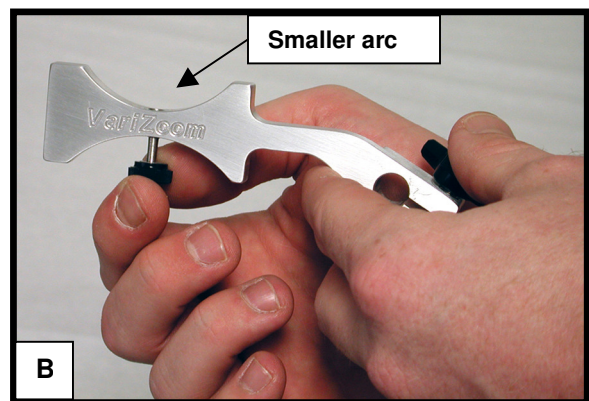
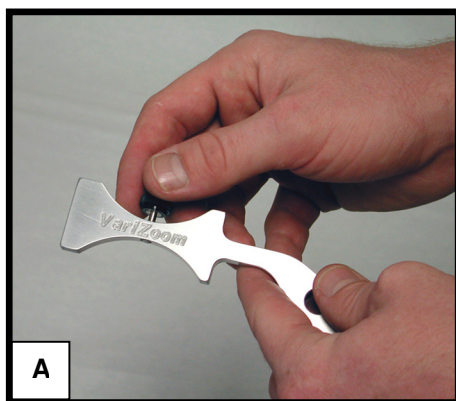


See the above pictures for an idea of how to attach the assembly to a standard Canon or Fujinon lens, but please read the rest of the instructions before continuing.

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-*IF* you have one of the smaller Fujinon lenses (S14x7.3, S16x7.3, S12x5, A12x6.8), you will have to make one small change (see pictures below). The aluminum bracket that screws onto the lens barrel (A) comes oriented to fit standard Canon and Fujinon lenses, but to make it fit the smaller Fujinon lens you will have to remove it and flip it around (note that one side of the bracket has a slightly smaller arc – this will be the side facing the barrel of the smaller lens).

Loosen the black tee-head screw that fixes the bracket to the stainless steel rod and slide the bracket off the rod (see picture 1 on previous page). Unscrew the black knurled-head screw from the bracket until it comes out completely (A). Now insert the screw from the other side, threading it in until it is captured (B). Mount the bracket on the rod (with the smaller arc and screw tip facing the lens) and you will be ready to attach the assembly to your lens.



CONNECTION AND MANUAL OPERATION

Attach the motor bracket assembly to your lens, but leave the drive gear disengaged from the focus ring. Connect the EFC control unit to the motor using the supplied extension cables, and turn on the power by pressing the **POWER** button. The EFC control unit has three display modes: 'Volt', 'Mark', and 'Main'. The EFC must be set to 'Main' for operation. 'Main' is the default mode when you turn on the power. Pushing the **SCROLL** button cycles you through the three modes, but you want to be in 'Main' mode at this point.

Turn the dial so that the LCD reads "1300" before you engage the gear. You will notice that the individual arms of the motor bracket assembly can be positioned by loosening the plastic tee-head screws. Position the gear so that it is near the front of the ridges on the focus ring when it is set to infinity (or in the middle of the focus ring if your lens has internal focus / "Innerfocus"). Once the gear has been mated to the focus ring, you can turn the dial on the control unit to adjust the lens through the focal range (1300 to 0 on the LCD readout).

PROGRAMMING FUNCTION

You can program up to 4 sequential focal stop points. To program your stop points, hit the **SCROLL** button until you are in 'Mark' mode, and then hit the **SELECT** button. You will see "A" come up, and you should turn the dial until you reach the desired focal point that you want to mark as "A". Hit the **SELECT** button to set the focal point. Hit the scroll button to get to "B", turn the dial to the desired focal point you wish to mark as "B", then hit **SELECT**. Repeat the same process for additional marks. If you only wish to mark 2 focal points, then after marking "B" hit **SCROLL** until you reach "EXIT" and push **SELECT**.

Once you hit "EXIT", the control unit is back in operating mode. Hit the **SELECT** button to shuttle between the marks in sequence. Hit the **SCROLL** button once to go back to full range mode (manual), and hit it 3 times to go back through the menu to reset your marks.

BATTERY CHARGING

You can check remaining capacity of the battery by pushing the button next to the row of indicator LEDs. To charge the battery, first unplug the cable leading from the EFC control unit housing. Next, plug the supplied AC adapter into the "Charging Interface Cable" and then plug it into the battery. When the battery is fully charged, the indicator light on the charging interface cable will turn green. A full charging usually takes a few hours. Note that the row of indicator lights on the battery does not accurately reflect remaining capacity while the charger is attached. The indicator lights only function normally when the charger is disconnected. You should use the indicator light on the charging interface cable to determine when the battery is fully charged (green light). **NOTE: Do not attempt to remove battery from main unit.**

NOTES

You should turn off the control unit when not in use. Do not expose the motor or control unit to water or excessive heat.

The VZ-EFC is covered by a 2-year warranty (parts/labor) against defects in materials or craftsmanship. Please keep your sales receipt for warranty verification. For technical assistance or repair, please call 888-826-3399.