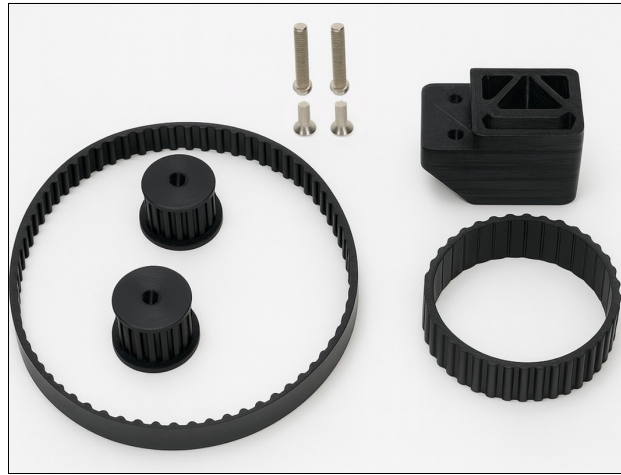


# Starizona

## EAF Kit for Skywatcher HAC125DX



The HAC125 EAF kit includes two motor pulleys, one with a 4mm bore for newer ZWO EAF motors and one with a 5mm bore for older EAF motors. There is a motor bracket, a larger pulley for the focus knob, a timing belt, and two pairs of screws, a shorter flat head pair and a longer socket head pair. Hex keys are included for the installation.



Begin by installing the correct pulley onto the EAF motor. New EAF motors have a 4mm shaft and will use the pulley with the smaller hole; older EAF motors have a 5mm shaft and will use the pulley with the larger hole. The pulley should go on until it almost touches the front silver plate of the EAF. Lock the pulley in place with the set screw in the side.



Install the motor bracket onto the EAF as shown using the two flat head screws.



Slide the large pulley over the focus knob. The ribs on the inside of the pulley will fit into the grooves in the focus knob. Push the pulley on until it almost touches the back plate of the telescope. Remove the two black, round head screws from the back of the telescope. You will not use these screws for the installation of the EAF kit.



Put the timing belt loosely around the focuser pulley. You will need to wrap the outer end of the belt around the motor pulley while mounting the motor bracket in the next step.



The last step is to mount the motor bracket to the scope with the two long socket head screws. Hold the motor and bracket roughly in place and make sure the timing belt is wrapped around both the focuser pulley and the motor pulley. Put one screw through the bracket and into one of the holes in the back plate of the scope. It helps to tilt or lift up the bracket a bit so you can see the screw going through and line it up with the hole. Do not completely tighten the first screw yet.

Get the second screw started in the second hole, then while the screws are still a bit loose, make sure the timing belt it properly fit around the pulleys and pull the motor and bracket away from the focus knob to tension the belt. Pull the belt pretty snug and then tighten down both screws. The EAF kit is now ready to go!