



To re-align the gears:

You will need two 3/4" open end wrenches

Note the position of the actuator nut (part no. 56) with a marker or by counting the visible threads.

Loosen the actuator nut and completely unscrew the actuator shaft (part no. 57) from the threaded clevis (part no. 80).

With the actuator shaft disconnected, you can now manipulate the gears back into position. The first tooth on the starboard side of the pinion gear (part no. 36) fits into the first groove of the starboard side of the ring gear (part no. 37). It is marked with an arrow on the gear. See section 6.3.3 of the Monitor manual.

Now point the airvane clamp (part no. 78, not shown) dead fore-and-aft with the lead counterweight aft.

Screw the actuator shaft back into the threaded clevis until the block at the bottom of the watervane pivot shaft is dead fore-and-aft. You can sight the edge of the block on the strut guard (part no. 831), or attach the paddle to make sure it is properly lined up.

Once everything is lined up, tighten the actuator nut down to lock it in place.

Parts diagrams can be found here:

<https://www.scanmarinternational.com/monitor-parts>