

Remote course adjustment using worm and cog.

This is particularly useful for anyone where it is difficult in rough conditions to change course manually by leaning out from the stern (e.g in boats with a transom hung rudder). With this alternative, changing course can be done from the safety and comfort of the cockpit by pulling a rope that is looped through a wheel at the vane base. It changes course either to port or to starboard depending on which direction the wheel is turned. "Manual" is included in the H1 and H2 kit and "remote" can be fitted at any stage without change to the existing wind vane.

Retaining manual as a back-up on long journeys is advisable if for any reason the remote steering mechanism is causing problems not easily repaired while at sea.

The wheel at the vane base which drives the worm requires 1 rotation to turn the vane through 4 degrees (i.e. a pull of 100mm on the rope), so small course adjustments which are often desired when beating into wind can easily be made. Once turned, the worm (which does not turn by itself) holds the vane on your intended course. All moving parts of the mechanism should be free from friction but not loose or slack in any way. The design of the mechanism makes this simply achievable with a spanner.

The worm and cog mechanism is robust and is supplied in black UV resistant Delrin self-lubricating plastic.

The kit for the remote course adjustor is not included in either of the kits H1 or H2. It is an extra, and can be purchased at any time on request or when ordering the H1 or H2 kits.

Once ordered it will take several days for the cog to be machined ready for assembly unless currently held in stock.