Manual for checking Jefa Linier drive unit - Garmin type



1) Fuse check

If there is no response from the drive unit to the course computer, check if the fuse between the course computer and the drive unit (see picture to the left) is still intact.

When the fuse is intact, please do a "motor and clutch test" as described on page 2.

When the autopilot is not stable on course, go through "Rudder feedback test" to test the internal feedback unit. See page 3. When all tests are passed, the problem is in the autopilot.

Motor and clutch test



Rudder feedback test

Testing rudder feedback

Dismount the rudder feedback connector.

Use a standard multimeter and set it to measure resistance in ohms $\boldsymbol{\Omega}.$

Connect the multimeter to the rudder feedback connector as on the drawing.





Pull the linier drive rod all the way out. The multimeter should read from $9k\Omega$ to $10k\Omega$





Now push and pull the rod in and out slowly and check that the multimeter follows correctly.

It should not stop and jump, but measure every little step of the linier drive rod