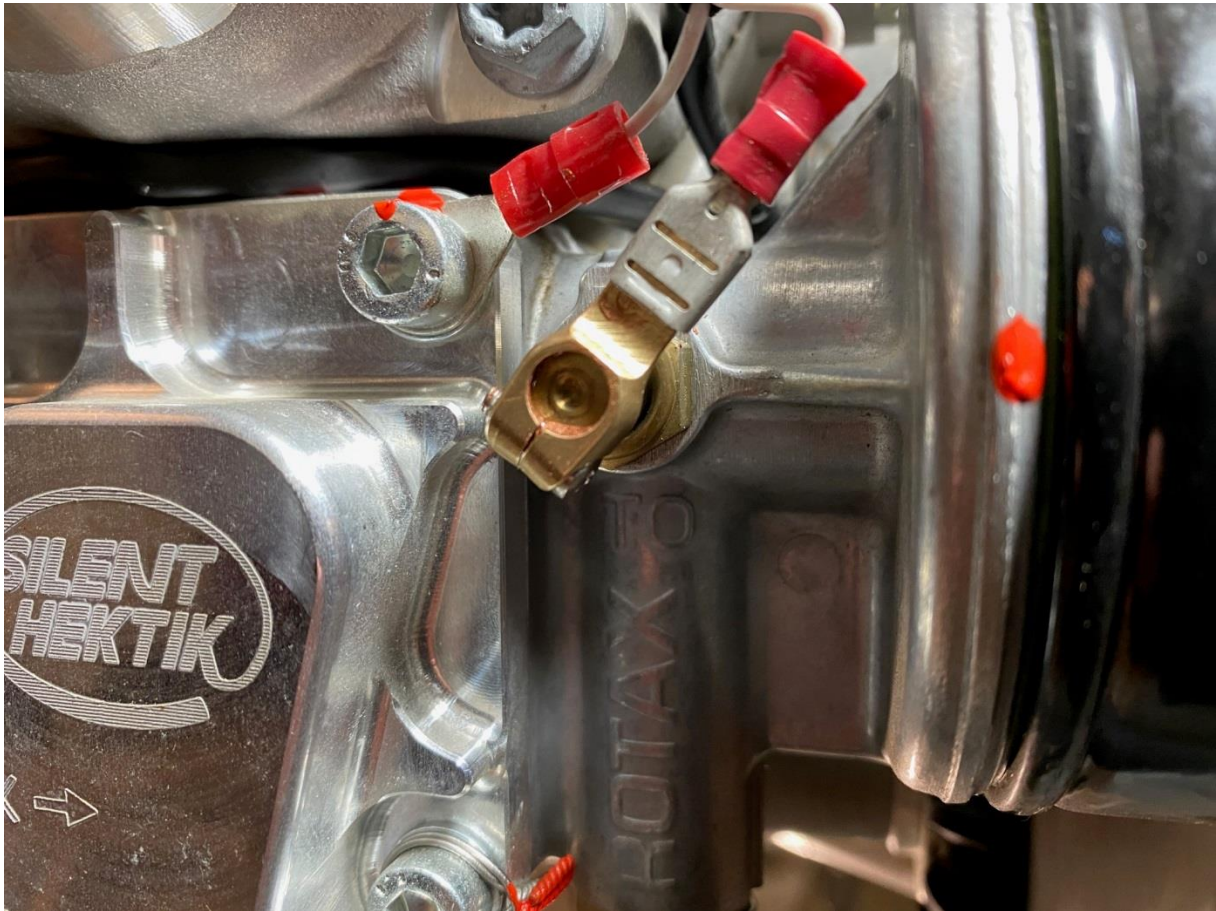


Plug connectors for temperature sensors of the Rotax - engine



In order to avoid loose contacts and bad connections in the plug connections on the oil and water temperature sensors of the Rotax engine, I made a small clamp connection, which, like a pole clamp on a car battery, is pushed onto the cylindrical T-shaped sensor contacts of the temperature sensors and clamped with a screw.

The existing plug fits on the flattened tongue and thus has a larger connection than before on the small T-shaped nipple.

Both the nipple and the tongue should be coated with a little amount of copper paste before assembly to prevent corrosion.

Under certain circumstances, you have to bend the two rounded side tabs of the existing plug together again with a pair of pliers, so that it sits tightly on the tongue of the terminal.

If you want to be absolutely sure, you can also solder the connector to the clamp before attaching the clamp to the sensor.

Secure the outgoing cable with a cable tie, e.g. on the second ground cable, so that the sensor contact itself cannot rotate back and forth during operation. Otherwise there is a risk that the cable will detach from the crimped connector over time.