

The parts are

- 1)The impeller cover which is held by three 5 mm bolts (2 long and one short)
- 2)Pump head which has the bypass on top and is between the impeller cover and the base plate. The pump head is held to the baseplate by the two long bolts of the impeller cover and one bolt that attaches from the backside of the baseplate.
- 3)The baseplate which attaches to the motor. It is held with three 4 mm bolts.

Two metric allen wrenches (a 4 mm and a 5 mm) and a screwdriver.

To disassemble the T/25.

Remove the three 5 mm bolts that hold the cover over the impeller, then the three 4 mm bolts that hold back S/S plate to the motor. **Then use the 4 mm allen wrench in the small slot to pry the baseplate away from the motor (the allen wrench is stronger than a screwdriver). Once you have created just a little space, then use the screwdriver to work around the plate to pry it off.** Then there is one 4 mm bolt on the backside that screws into the bypass that must come out. Then the pump housing pulls off revealing the impeller from both sides. Simply use a rubber mallet (or a piece of wood with a hammer) to drive the impeller out. Clean the impeller and housing, lubricate with food grade silicone or vaseline, and reassemble.

This disassembly takes less than 5 minutes once you have done it the first time.

For reassembly. The bolt that is inserted from the back (screws into the bypass) should not be overtightened (this is to avoid wedging the pump head on the back plate). Then reattach the back plate to the motor with the three 5 mm screws. Then the two long 4 mm bolts will pull the pump housing in flush (while also attaching the front cover). Also tighten up the other 4 mm bolt holding the cover. **It is important not to overtighten the cover.**

If the impeller and housing are overtightened (or unevenly tightened), the cover puts too much pressure on the impeller making it difficult to turn.