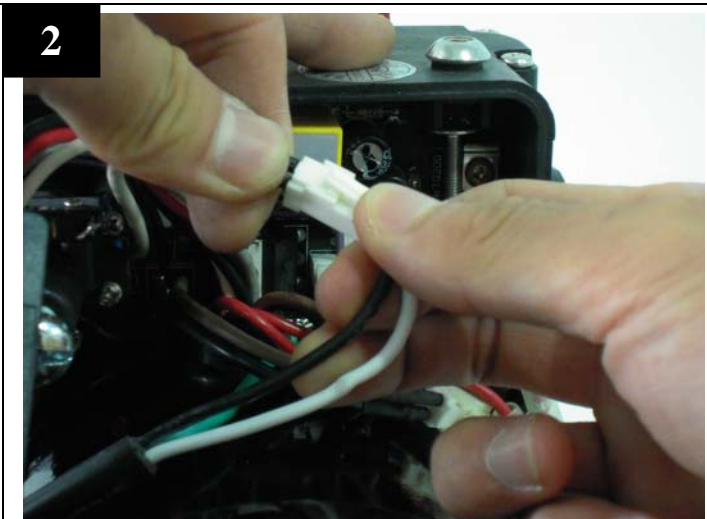


Replacing TQ · TQCN Series Control Board

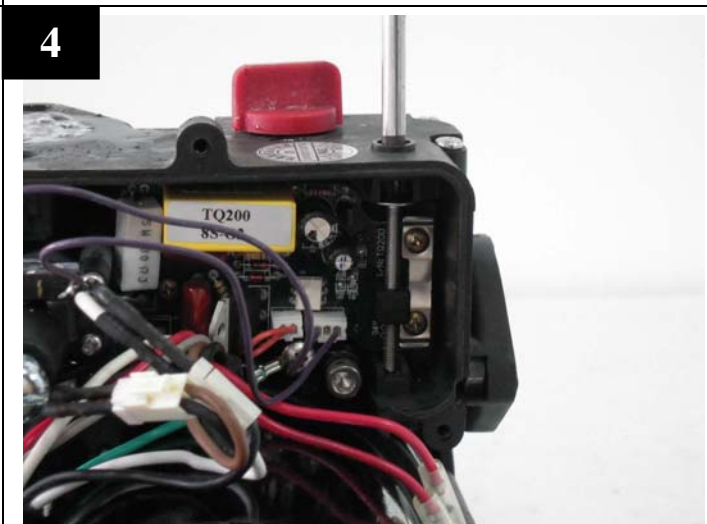
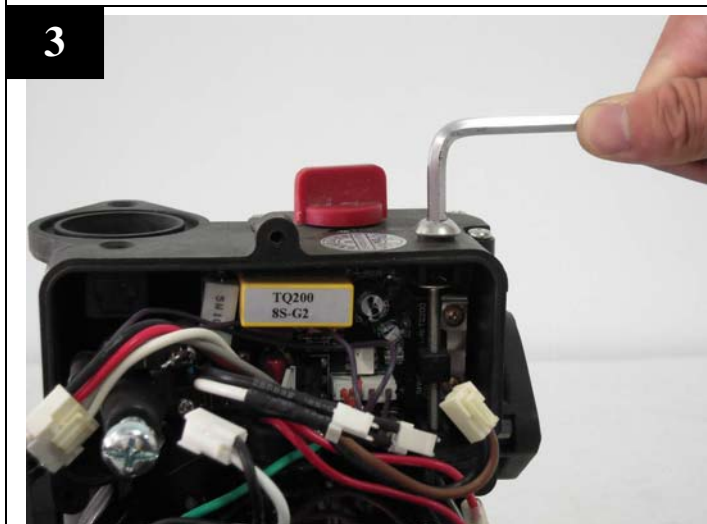
1. Removing control board

WI-D3-S-B020E-1



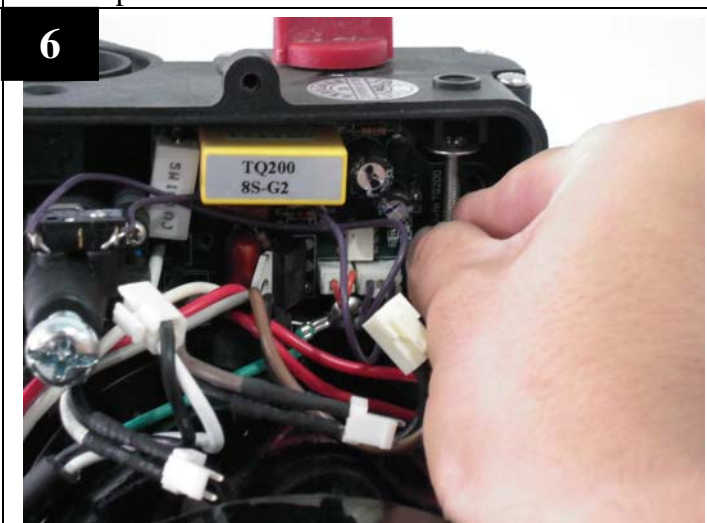
Loose the screws and remove the terminal box-set.

Plug off all of the wire connections.



Remove the screw (#6 metric Allen wrench).

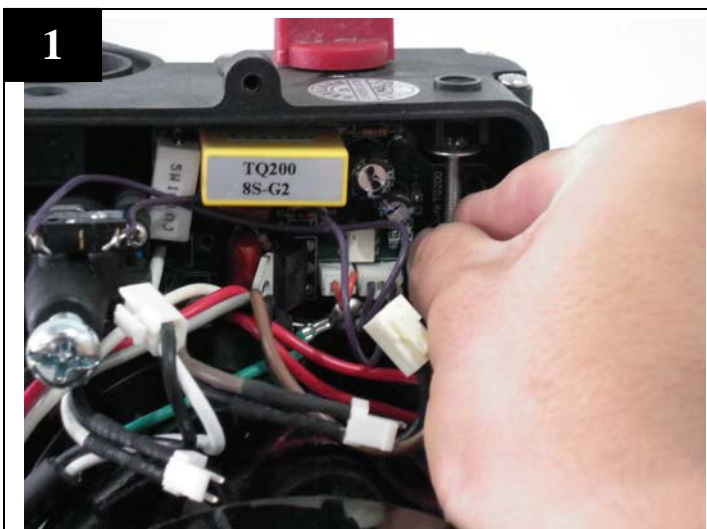
Turn the screw counterclockwise and set it to the bottom position.



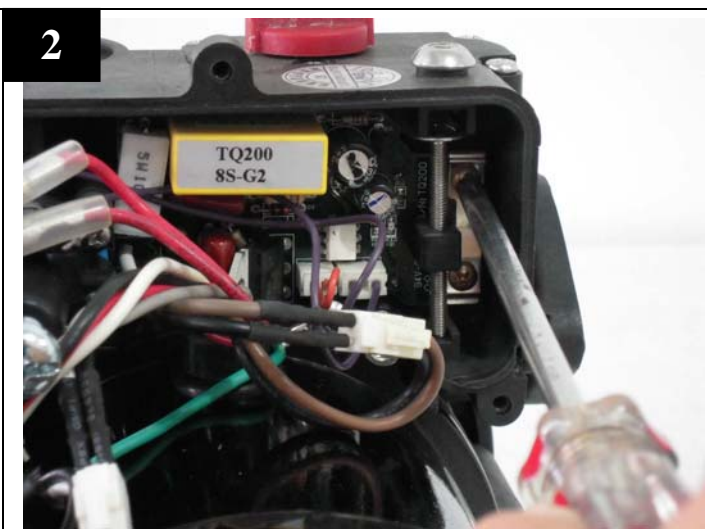
Loose the screws that hold the control board.

Remove the control board.

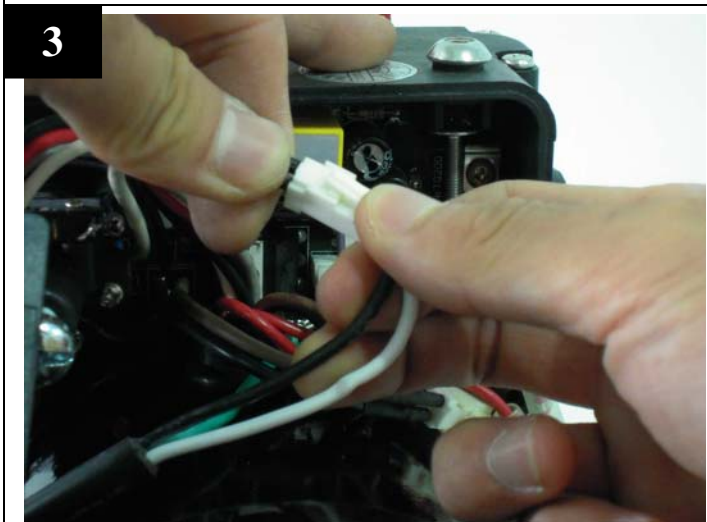
2.Assembling control board



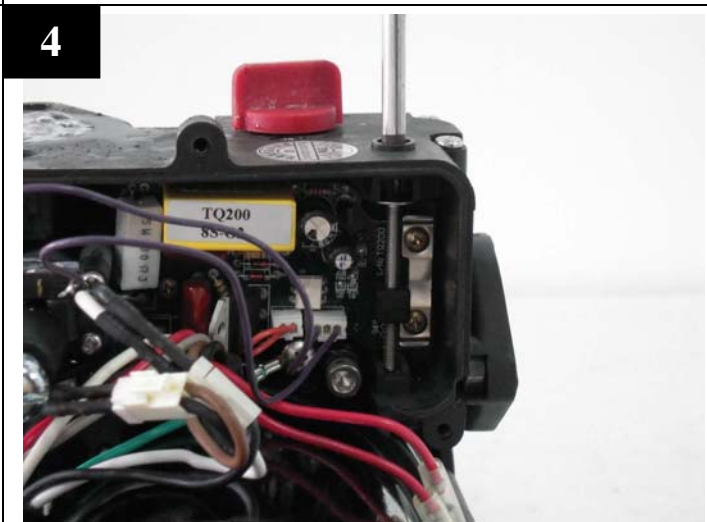
Place the new control board.



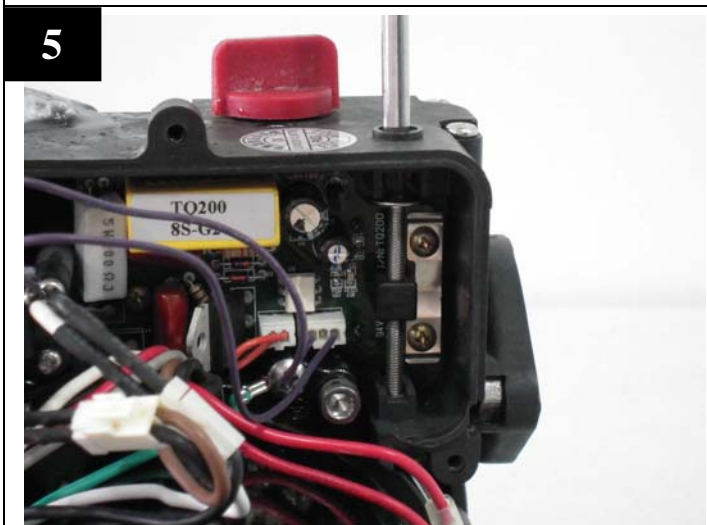
Tighten the screws that hold the control board.
※Do not tighten up at this time.



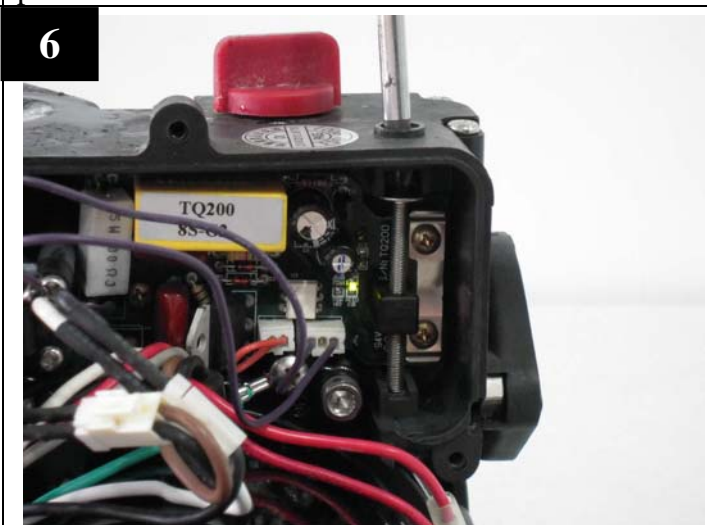
Plug in all the wire connections.



Turn the screw clockwise and set it to the top position.



Turn the screw counter-clockwise slowly.
※Screwdriver must be non-magnetic type.



Until the LED light illuminate.

7



At this time if control board is set to the bottom position but the LED light does not illuminate. Place finger from the pump inlet to lift up the check valve until the LED light illuminates & then remove the finger.

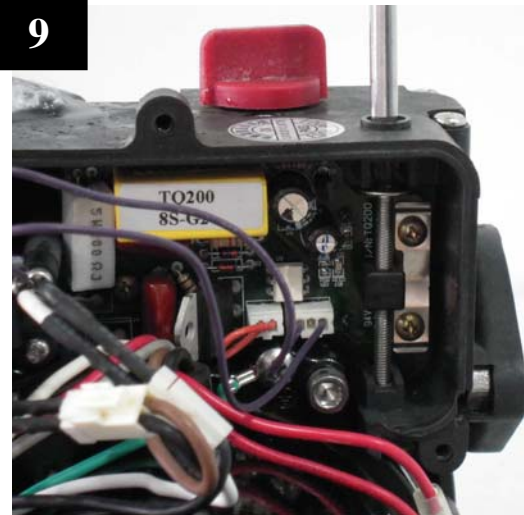
※When check valve is lifted up and the LED light will not illuminate, skip process #8 & #9.

8



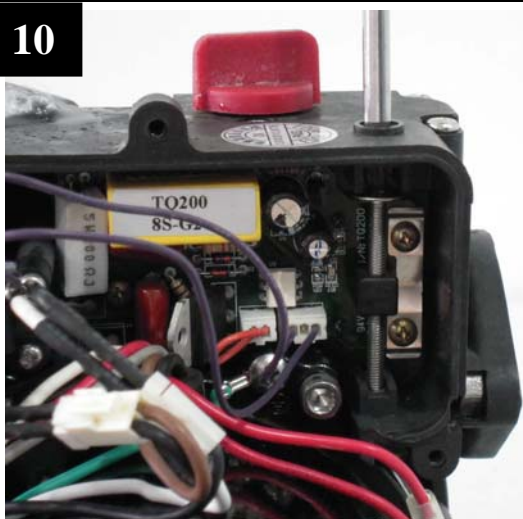
Turn the screw clockwise slowly.

9



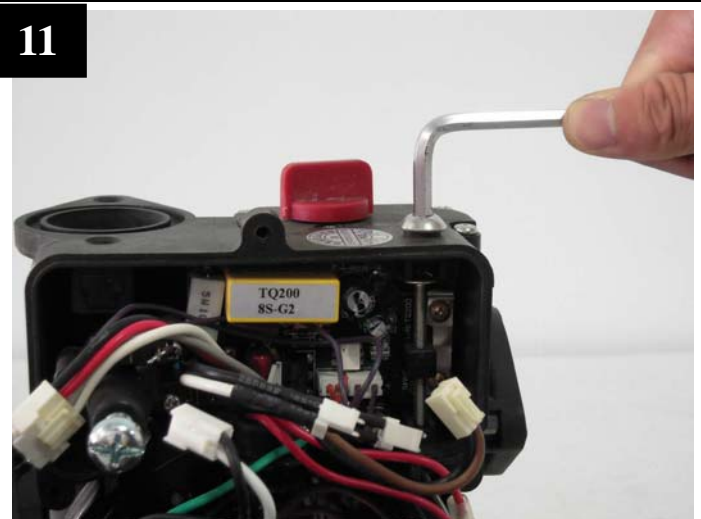
Until the LED light does not illuminate.

10



Then, adjust another 2 turns clockwise to set the flow control position.

11



Install the screw.

12



Install the terminal box-set and tighten up the screws.
※Torque 15-20 kgf · cm