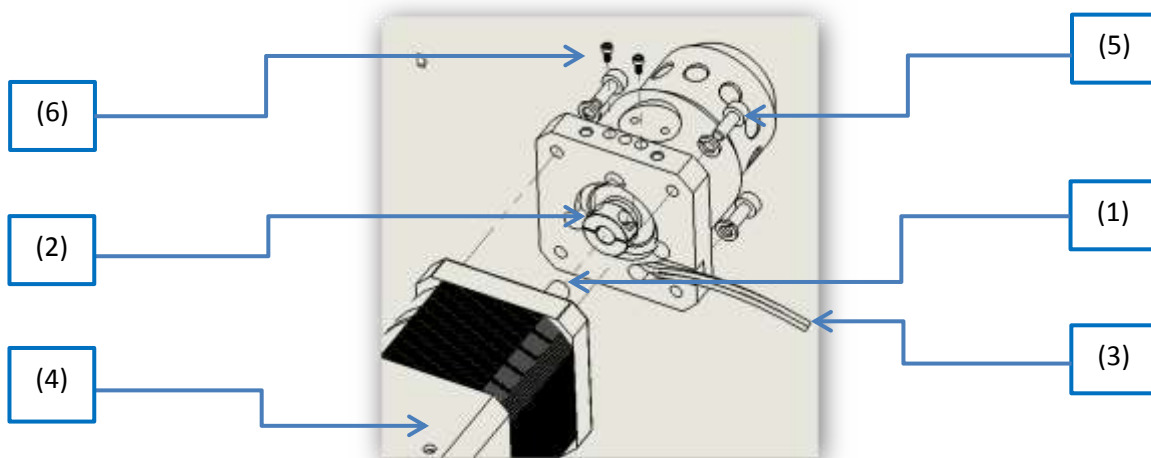


FHT Motor Installation Instruction

This instruction is the procedure for installing a Stepper Motor onto the Valves Head Assembly.



Caution: Ensure the power supplier has been turned off during connecting the motor wires. Must work at an ESD protected working table or area.



Stepper Motor to FHT Valve Head Assembly

- (1) Clean up the shaft of Motor with a little alcohol. No grease or oil allowed.
- (2) Rotate Coupling to have the lock screw side face vertically upward
- (3) Lay Sensor wires in the slot channel of the Housing.
- (4) Slide Motor Axis into Coupling. Ensure there are no wires are gripped or pinched between Motor and Housing.
- (5) Apply and tighten 4 each of Screws and Washers.
 For ERV001, small valve: use 4 of screws (Socket Head Cap, M3X8mm) and 4 of Washer (Split Lock, M3), apply torque 6 in-lbs.
 For ERV002, large valve: use 4 of screws (Socket Head Cap, 10-32X1/2) and 4 of Washer (Split Lock, No.10), apply torque 20 in-lbs.
- (6) Apply and tighten 2 each of Screws, pre-installed on the coupling.
 For ERV001, small valve: use 2 of screws (Socket Head Cap, 2-56 X 1/4), apply torque 3 in-lbs.
 For ERV002, large valve: use 2 of screws (Socket Head Cap, 4-40 X 3/8), apply torque 5 in-lbs.