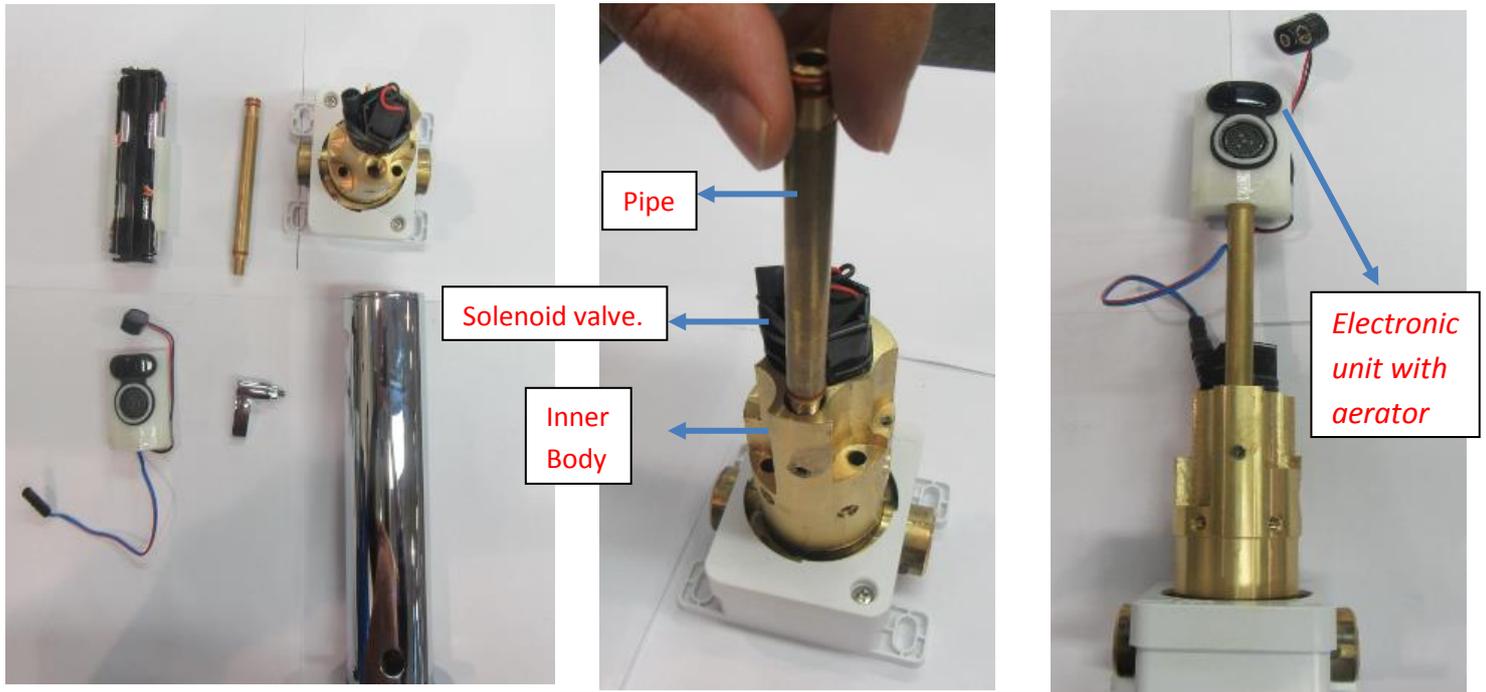


## ***INSTRUCTION OF INFRARED WALL MOUNTED BSN TAP (BAT.OP.)***

1. As first step, pipe is mounted in the inner body.
2. Secondly, the plastic part containing the electronic unit and the aerator is placed on the pipe.
3. Thirdly, connect electronic unit and solenoid valve sockets correctly.



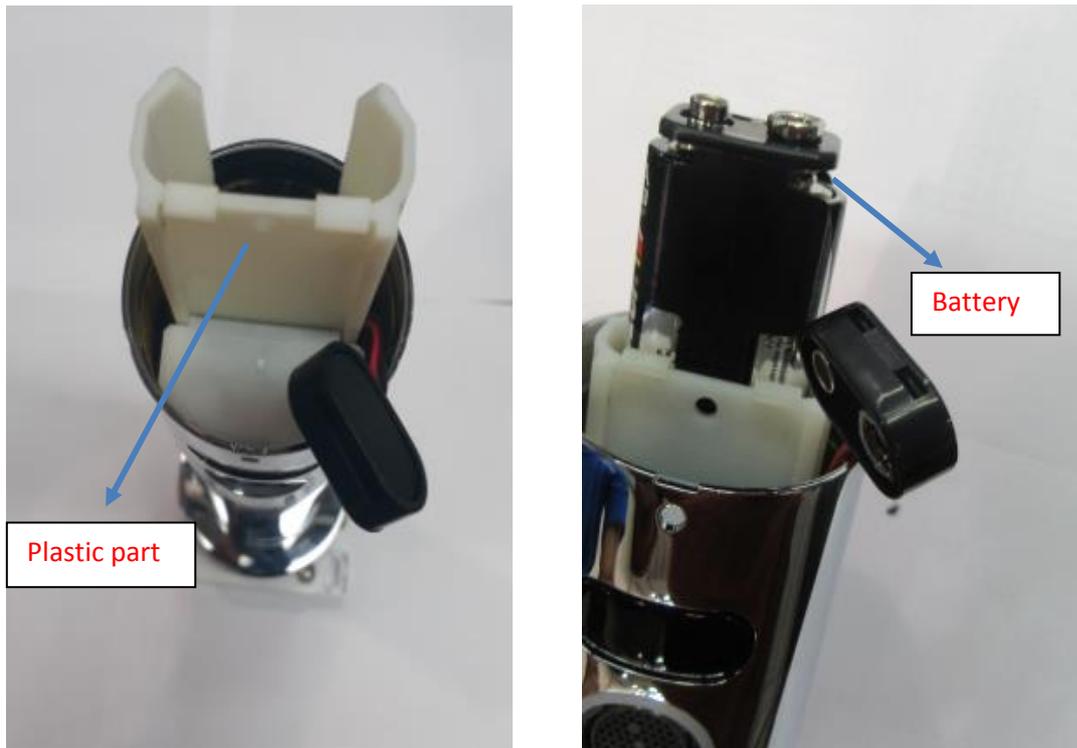
***Figure:1***

4. The main body is carefully worn over the inner body.
5. Be careful that the holes in the outer body are centered on the inner body.



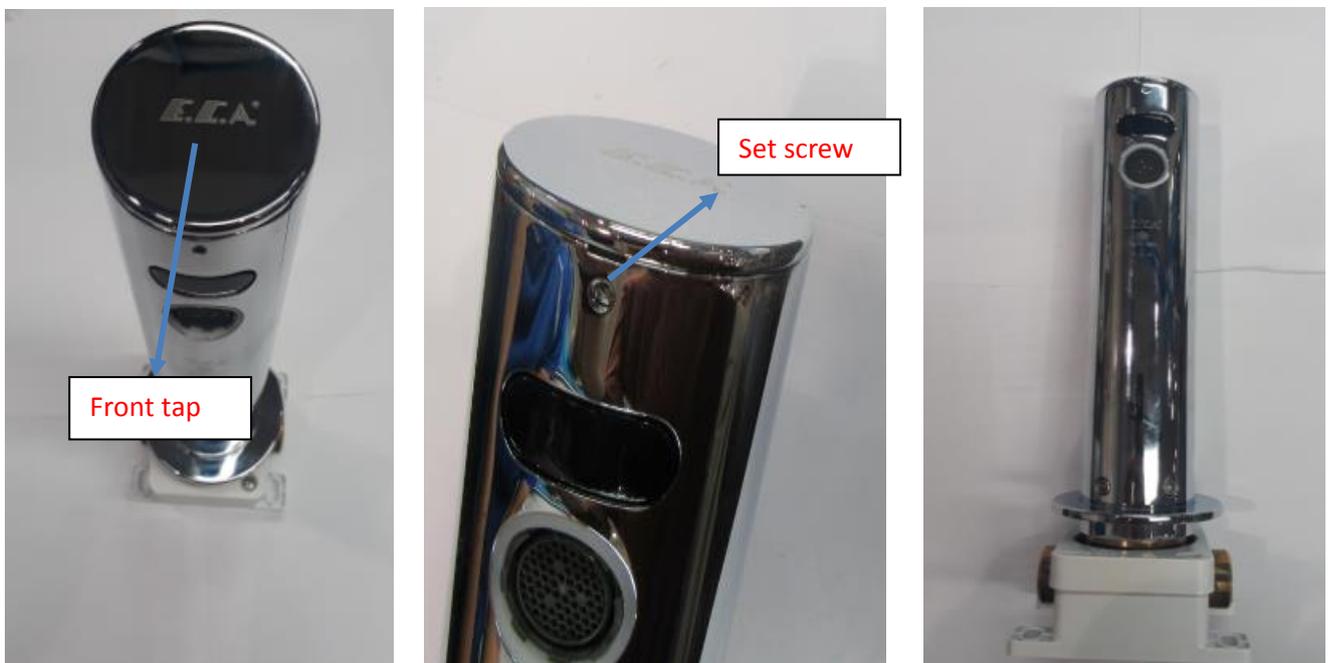
***Figure:2***

6. The plastic part is mounted on the battery section.
7. The battery is inserted into the plastic part slot.



**Figure:3**

8. Close the front tap and tighten the screw.



**Figure:4**

**TROUBLE-SHOOTING GUIDE**

<b>PROBLEM</b>	<b>POSSIBLE CAUSE</b>	<b>SOLUTION</b>	<b>FIGURE NUMBER</b>
Water does not run.	Water supply is not on	Check the water supply. Turn on water supply if necessary.	-
	Battery plug is not connected properly.	Check connection. Reconnect battery if necessary.	5
	Battery is low	If the red indicator is flashing, Remove batteries. Replace with new alkaline batteries.	-
	Aerator is clogged.	Remove, clean and reinstall aerator. Replace the aerator if necessary.	6
	Filter is clogged.	Remove, clean and reinstall filter. Replace the filter if necessary.	7
	The surface of electronic unit is dirty.	Clean the surface of electronic units.	8
	Electronic unit is not work.	If red light does not work or infrared sensor is not giving any reaction with new batteries, replace electronic units.	-
Solenoid valve is not work.	If the solenoid valve is not clicking. Replace the solenoid.	-	
Water does not stop.	The surface of electronic unit is dirty.	Clean the surface of electronic units.	8
	It may be an object within detection distance.	Make sure that object must not be.	-
	Make sure that direct light source should not be on the electronic units.	Make sure that the light source must not be on the electronic units.	-
Faucet is leaking water.	Solenoid valve is clogged.	Open solenoid valve and check for clogging. Clean solenoid valve filter and water pathway.	9
	Connection between valve body and solenoid valve is loose.	Check O-ring. Replace O-ring if damaged. Carefully reinstall solenoid valve and do not overtighten.	-
Water temperature is too hot	The temperature control must be set.	Set the temperature handle to middle point	JUST FOR 108105001- INFRARED WALL MOUNTED BSN TAP
	Cold-water supply is not fully opened.	Open the cold-water supply fully. Or the boiler must be set to a lower temperature.	-

Water temperature is too cold	Hot-water supply is not fully opened.	Open the hot-water supply fully.	-
	The hot-water supply temperature is lower than 38 °C	Set the hot-water supply temperature to 38 °C	-
Detection distance is too short or far.	Electronic unit setting may be fault.	Adjust the electronic unit detection distance. Plug out power supply, wait 10 seconds and plug in again. Than follow the arrange instructions for the sensor.	DETECTION RANGE SETTINGS
Self-opening	Electronic unit may be looking at an object or bright light.	Remove object or bright light in front of the sensor. Or follow the arrange instructions.	DETECTION RANGE SETTINGS

### DETECTION RANGE SETTINGS FOR INFRARED WALL MOUNTED BSN TAP (BAT.OP.)

After power is applied, nothing should come in front of the electronics unit. The electronic unit will set the distance. After power up, if anything comes in front of the electronic unit during calibration, the product will not work after calibration or will show different working patterns. Energy is cut off for such troubled goods, after a while the energy is given again.

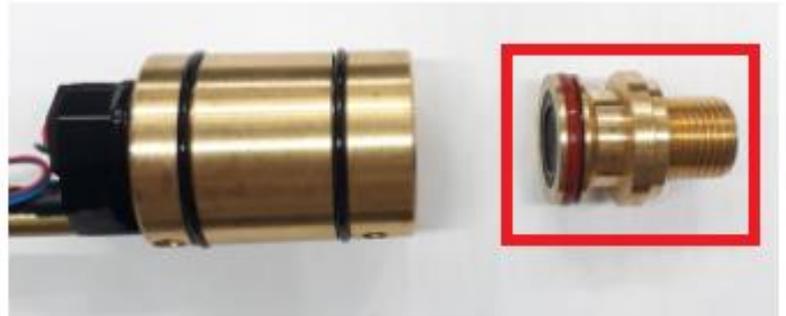
### FIGURES



**Figure:5**



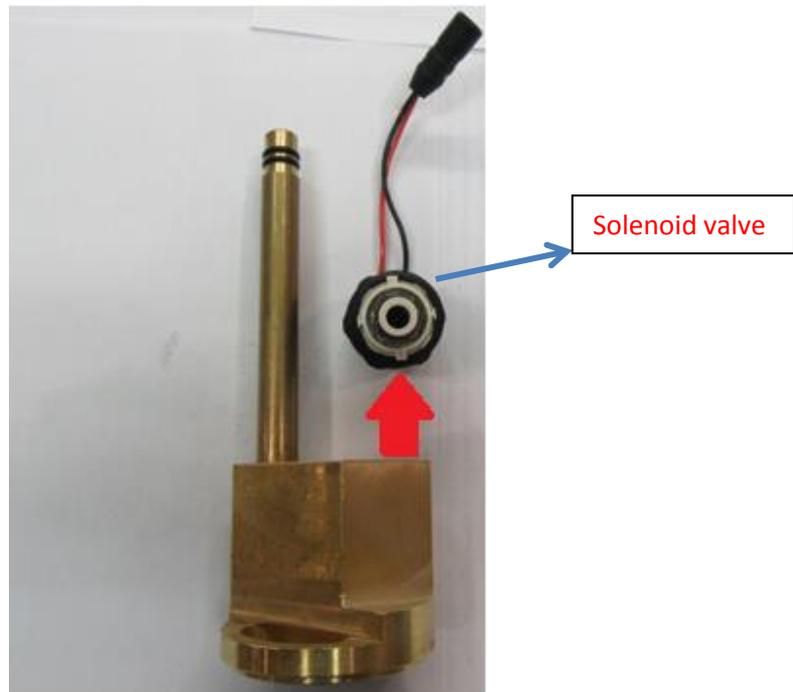
**Figure:6**



**Figure:7 (just for 108109004-INFRARED WALL MOUNTED BSN TAP)**



**Figure:8**



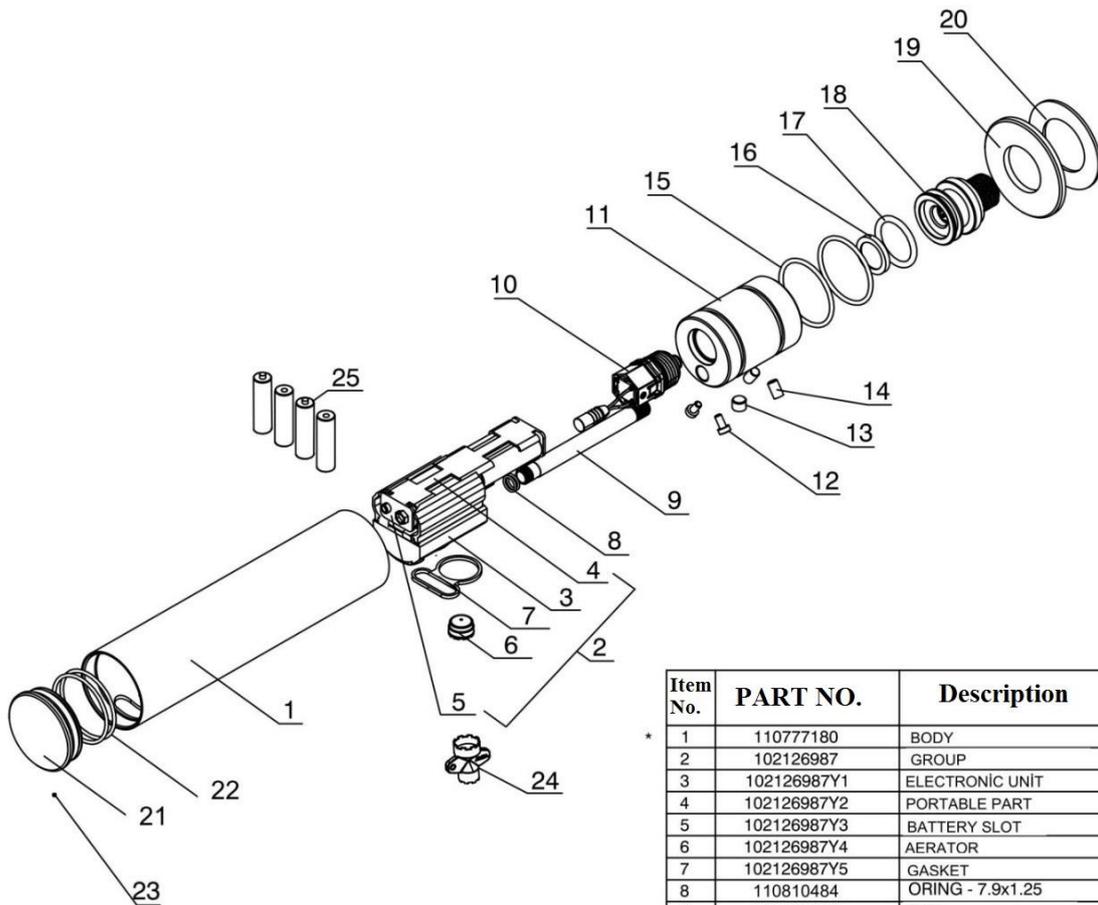
**Figure:9**

# PART LIST



INFRARED SERIES

108109004 INFRARED WALL MOUNTED BSN TAP (BAT.OP.)



Item No.	PART NO.	Description
1	110777180	BODY
2	102126987	GROUP
3	102126987Y1	ELECTRONIC UNIT
4	102126987Y2	PORTABLE PART
5	102126987Y3	BATTERY SLOT
6	102126987Y4	AERATOR
7	102126987Y5	GASKET
8	110810484	ORING - 7.9x1.25
9	110602245	PIPE
10	102126989	SOLENOID VALVE- 6V
11	110607972	INLET BODY
12	110722224	SCREW M4X8
13	112222107	SCREW M8X6
14	112222108	SCREW M6X10
15	110810483	ORING - 39x2.5
16	110810485	ORING - 25.8x3.53
17	410803027	FILTER GASKET
18	110614613	NIPPLE
19	110715369	ROSETTE
20	110803816	GASKET
21	110701364	COVER
22	110810482	ORING - 41x2
23	112222106	SCREW M3X5
24	110804014	AERATOR KEY
25	119821016	BATTERY

\*SIGNED PARTS ARE NOT SOLD AS SPARE PART

20.10.2017

