


NB: all dimension inch(mm)

Dispenser Mounting Hole Drilling Template
(Scale 1:1)
Opposite Side Fig. 2B.

5.Control Box Installation:

- 5-1.Installation procedure (Fig. 9).
- 5.1.1. Ensure areas around soap tank release button^⑬, counter reset button^⑩and control box to spout cable connection^④ are clear for operation.
- 5.1.2. Confirm position of control box, push up to engage shank spline then turn mounting nut as shown by hand to tighten housing onto spout shank.
- 5.1.3. Observe alignment arrows  on plug & socket of spout cable connection^④ and push together to mate connectors. Ensure complete engagement of pins.
- 5.1.4. Use one Ty-Wrap[®] ^⑲ to bundle and retain loose excess cable out of the way of any plumbing and away from the control box switches to protect plug connection.

6.Battery Box Installation:

- 6-1. Observe polarity indication for correct operation (Fig. 15). Ensure that batteries are installed in proper orientation to provide uniform polarity power.

6.2. Permanent Wall Mounting (Fig.10)

- 6.2.1. Use back plate as template to mark holes locations.
- 6.2.2. Drill two (2) holes at location marks:
- 6.2.2.1. For dry wall or masonry mounting make 1/4" - 9/32" diameter (ø6~ø7).
- 6.2.2.2. Install plastic anchors ^⑰ flush with wall surface.
- 6.2.2.3. For solid wood mounting make pilot holes 3/32" diameter (ø2.4).
- 6.2.3. Install two (2) screws ^⑰ through holes in back plate and tighten in place.
- 6.2.4. Install four (4) "D" size 1.5 V alkaline batteries in correct polarity (Fig. 15).
- 6.2.5. Place battery box cover and install retaining screws.
- 6.2.6. Connect power cable ^⑮ plug to control box power connection socket.
- 6.2.7. Use one Ty-Wrap[®] ^⑲ to bundle and retain loose excess cable out of the way of any plumbing and away from the control box switches to protect plug connection.

6.3. Removable Wall Mounting (Fig. 11)

- 6.3.1. Use back plate as template to mark hole location.
- 6.3.2. Drill one (1) hole at location mark:
- 6.3.2.1. For dry wall or masonry mounting make 1/4" - 9/32" diameter (ø6~ø7).
- 6.3.2.2. Install plastic anchor^⑰ flush with wall surface.
- 6.3.2.3. For solid wood mounting make pilot hole 3/32" diameter (ø2.4).
- 6.3.3. Install one (1) screw ^⑰ in hole and leave protruding approx 1/2" (13).
- 6.3.4. Hang battery box back plate on screw.
- 6.3.5. Follow steps 6.2.4 through 6.2.7 above.

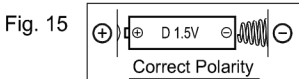


Fig. 9 Ref Section 5. Circle items ref Section 1.

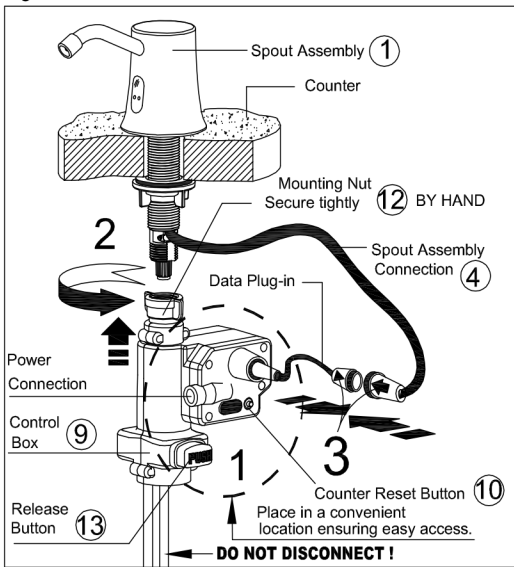
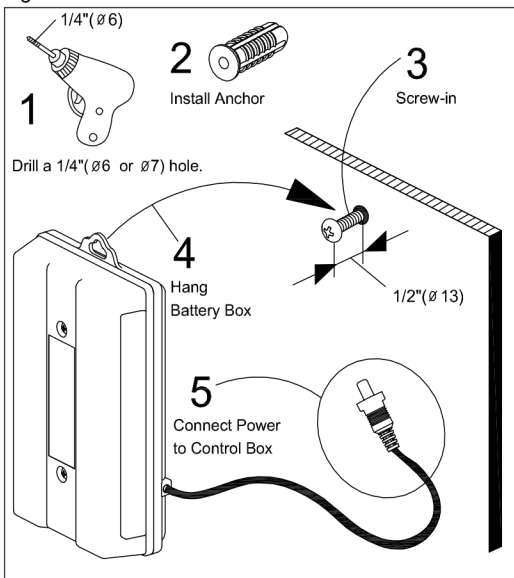


Fig. 11



7.Refill Soap Supply:
(Fig. 12).

- 1.Ensure soap is free of particles (**Viscosity 1.5~10 cP (mPa·s)**).
- 2.Ensure filling cup and funnel are clean.
- 3.Max filling level as shown in Fig. 12.
- 4.Soap tank will clip-on from bottom up. **Avoid Kinking Dip-tube**.
- 5.Push counter reset button (must reset after every refill).
- 6.Press PUSH to release soap tank for refilling.
- 7.Clean soap tank with water periodically.
- 8.When low soap level indicator is turned off (see Fig. 14), remember to check regularly and refill soap when level is approximately 3/4"(20) from bottom.

8.Operation:

- 1.Start the system by passing your hand under the spout. Soap will dispense automatically within 1 second. (Fig. 13) (Dispense 10~20 times for first time use to prime dip-tube).
- 2.Refill soap when soap level is low.(Fig. 12).
- 3.Low soap LED condition indicator can be turned ON or OFF (see Fig. 14). Factory setting is preset to ON.
- 4.End of each dispense cycle has momentary draw back of approx 500 ms to prevent last drop of foam from becoming hanging drip.
- 5.When dispenser is idle for a period of 24 hrs ± 1 hr from last dispense cycle, a dispense cycle will be initiated automatically to help prevent clogs in the nozzle. This will also help keep supply prime ready for next user to have immediate use.

9.Maintenance:

- 1.Use soft and moist cloth to clean. Avoid spraying water directly at the system.
- 2.Clean sensor cover with care. Avoid scratching the cover.
- 3.Replace batteries every year on anniversary of installation or sooner if high use requires.
- 4.During power connection, red LED light will flash four times to indicate system reset/ready.

Fig. 10

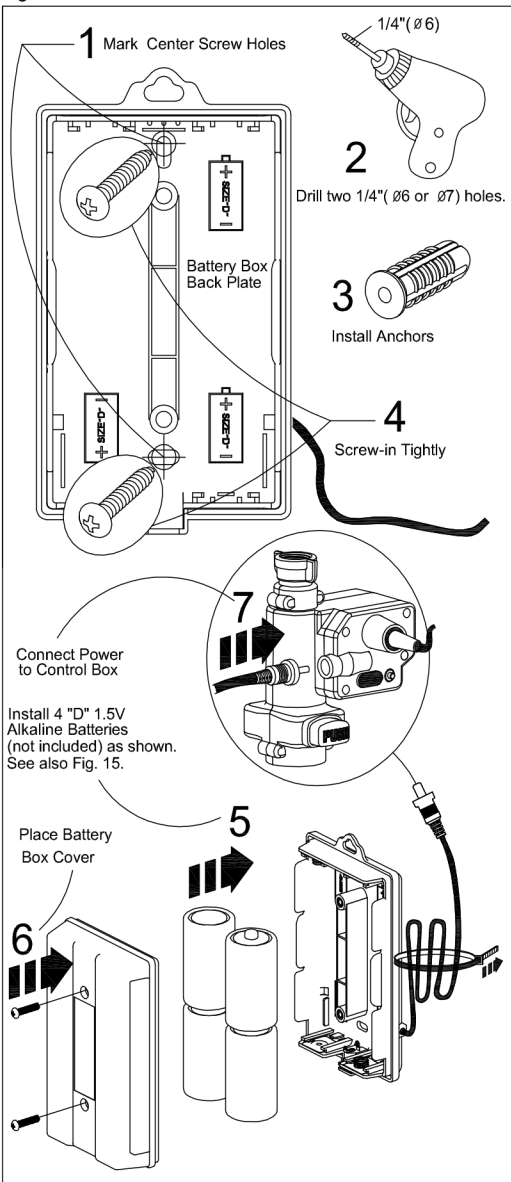


Fig. 13

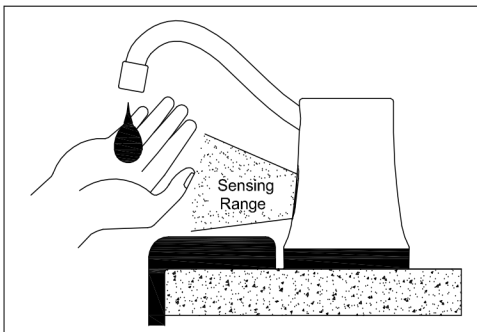


Fig. 14

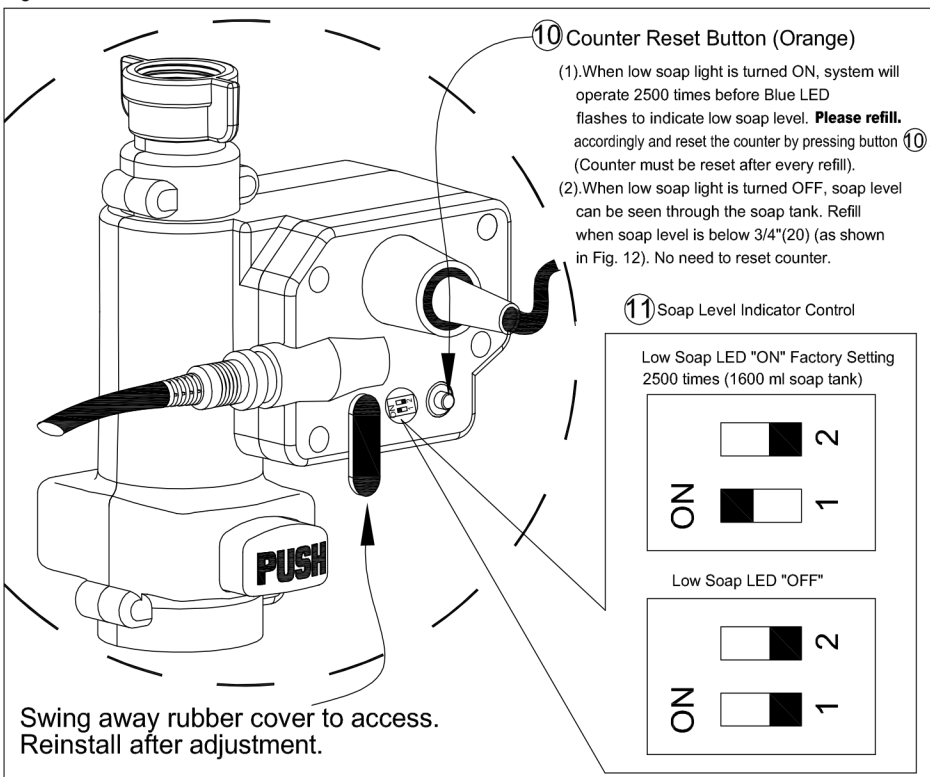
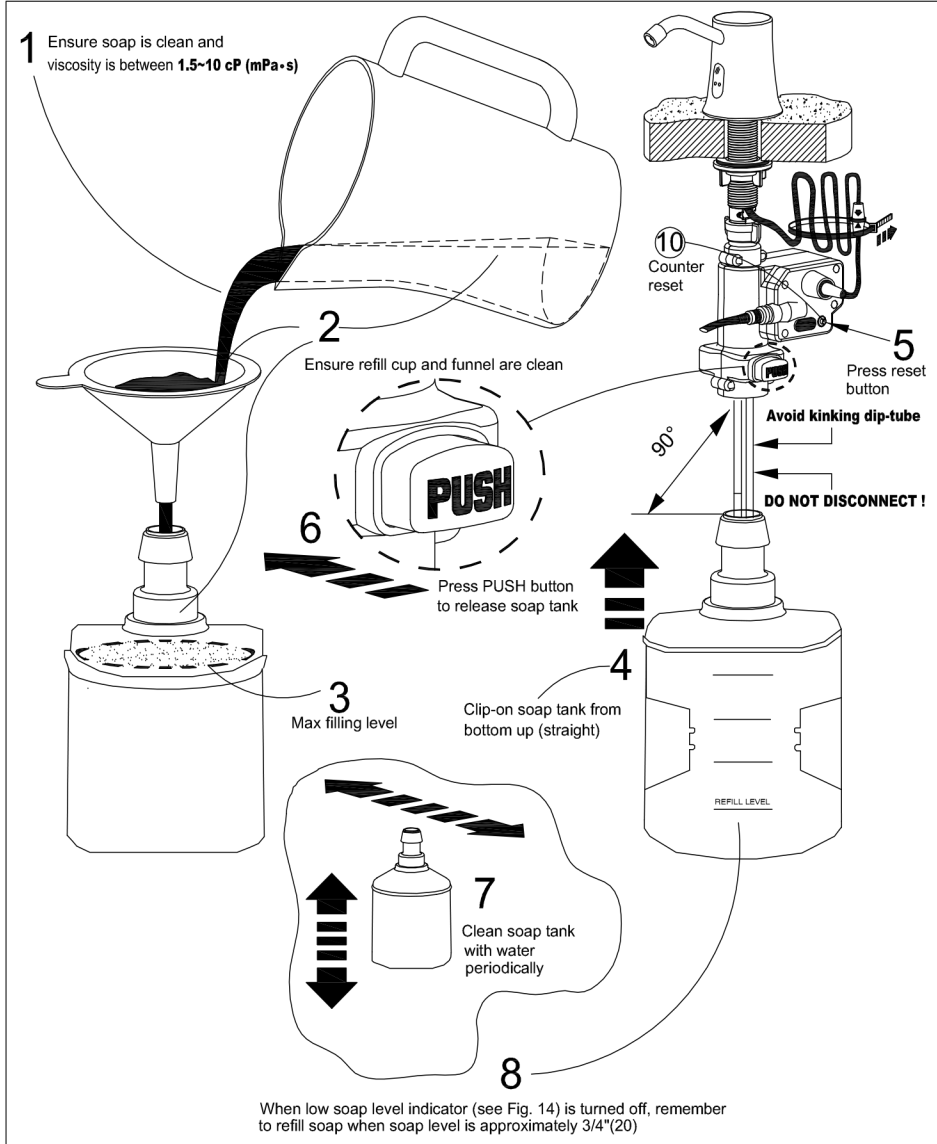


Fig. 12



10.Troubleshooting:

Problem	Diagnosis & Solutions
Red LED not working	<ul style="list-style-type: none">• Check if batteries are properly installed.• Change batteries if power is depleted.• Sensor cover is blocked or dirty. Please clean sensor cover with care.
Red LED solid on	<ul style="list-style-type: none">• Batteries low.• Replace batteries.
Red LED flashing	<ul style="list-style-type: none">• Sensor is detecting an object. Remove any object that is causing false activation.• System malfunction; please consult with distributor.
Blue LED flashing	<ul style="list-style-type: none">• Low Soap Level.• Press counter reset button ^⑩.• Refill Soap• System malfunction; please consult with distributor.
Low dispensing volume	<ul style="list-style-type: none">• Verify soap viscosity is in range.• System malfunction; please consult with distributor.• Ensure no kink in dip tube.
Not dispensing	<ul style="list-style-type: none">• Reinstall all cables.• Ensure battery voltage is above 5.4 V.• System malfunction; please consult with distributor.• Low soap level - Refill.
Problem not described above	<ul style="list-style-type: none">• Please consult distributor.

ASI MODEL No 20334 Automatic Deck Mount Foam Soap Dispenser

Owner's Manual & Installation Guide with Template

1. Assembly and Packaging List Ref Fig. 1

Item	Description	Qty
1	Spout Assembly	1
2	Low Voltage LED Light (Red)	
3	Low Soap LED Light (Blue)	
4	Spout Assembly Connection	
5	Wrench for tightening item 7 Basin Nut	1
6	Rubber Gasket	2
7	Basin Nut	1
8	Spacer (add 3/8"(10) height) Optional	1
9	Control Box W / Dip Tube	1
10	Soap Counter Reset Button (Orange) (Must reset after every refill)	
11	Counter Adjustment Switches 2500 times (1600 ml tank) Low Soap LED Disable/Enable (See detail Fig. 14)	
12	Control Box Mounting Nut	
13	Soap Tank Release Button	1
14	Battery Box	
15	Battery Box Connection Cable	
16	Soap Tank, Refillable	
17	Screws & Anchors Kit M4x19; Ø 7 Hole	2 sets
18	Alkaline Batteries Required D 1.5V PC1300 Duracell Procell Suggested (Not Included)	4
19	Ty-Wraps	2

3. Installation

3-1.Replacing Existing Dispenser.

- Remove old components.
- Clean area.
- Check if hole is large enough.
 - Check if small, enlarge to 1" Dia (Ø25.4)
 - If larger than 1-3/4" Dia (Ø44.5) provide reducer bushing (not included)
- Proceed to 3-3.

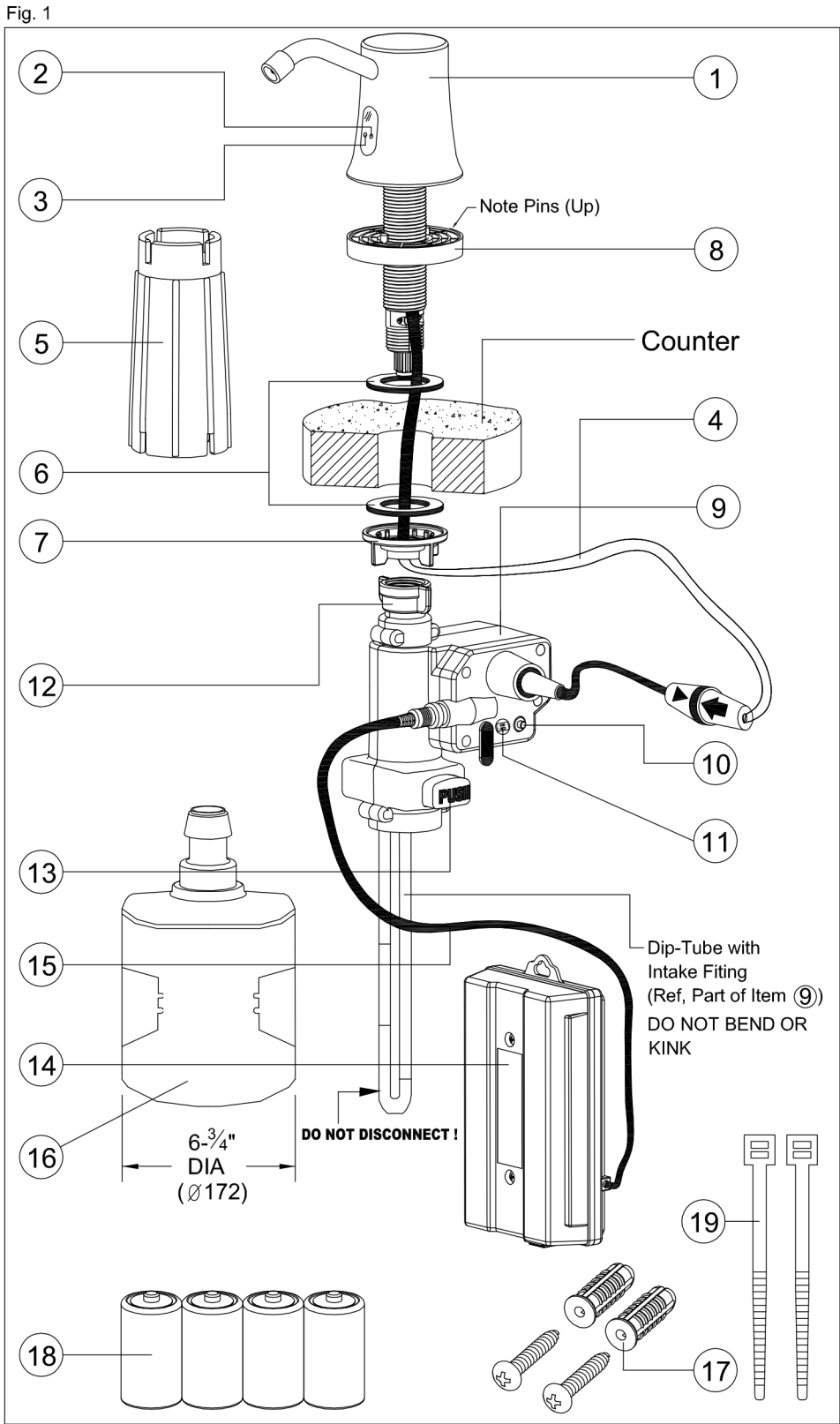
3-2.New Dispenser Installation.

- Choose a suitable location (Fig 2A), cut and paste installation template (Fig. 2B) on the drilling location. (Ensure clearance above and below the counter as shown in Fig. 3).
- Drill a 1" (25.4) diameter hole in counter top.
- Clean area around hole.

3-3.Determine whether adding a spacer is needed (Paragraph 4).

- Add spacer if sink rim is 3/8"(10) higher than the counter (Fig 4).
- No need to add spacer if sink is within 3/8"(10) above the counter (Fig. 5)

NB: all dimension inch(mm)



2. Specifications:

Bottle Capacity	1600 ml (54 oz)
Battery Type DC 6V	4 x D 1.5V Alkaline Batteries
Sensing Range	Auto Adjustment
Operating Temp	4° C~40° C (39° F~104° F)
Activation Time	0.5 ~ 1 sec
Soap Volume	0.03 oz (0.8ml)
Viscosity	1.5~10 cP(mPa·s)
pH	7 ± 1.5

Fig. 2B (Counter drilling template)

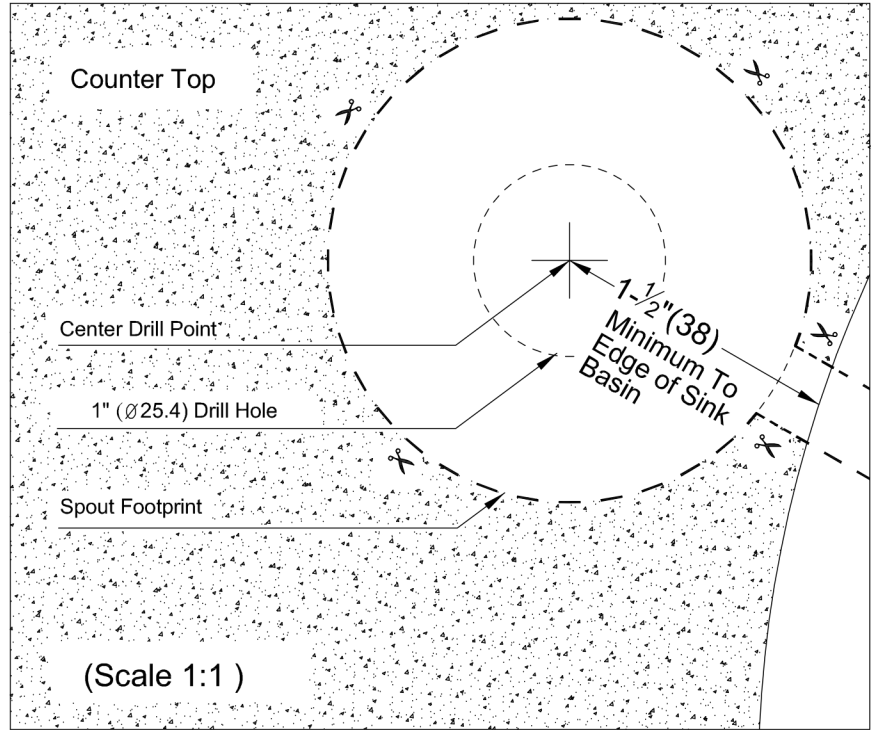


Fig. 3

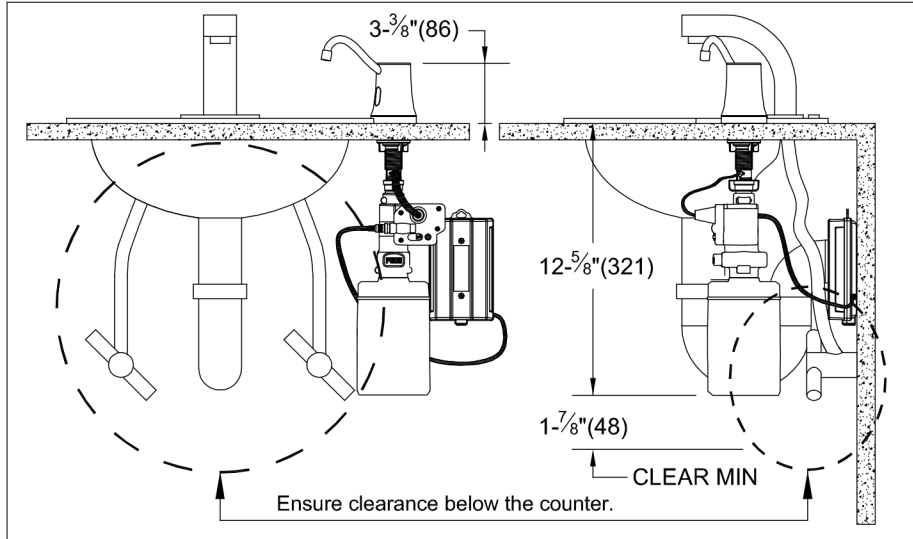


Fig. 4

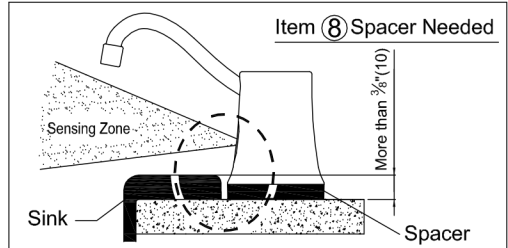
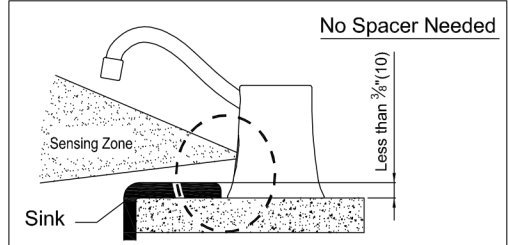


Fig. 5



4.Spout Installation:

4-1.Do You Need Spacer? (Fig. 7).

- Add spacer, engage pins & grooves.
- Place first rubber gasket.
- Place spout shank into counter hole.
- Place second rubber gasket.
- Place basin nut.
- Adjust spout angle (Fig. 6) then tighten by hand with wrench provided ⑤

4-2.No Spacer Needed (Fig. 8).

- Guide spout shank into counter hole.
- Place rubber gasket.
- Place basin nut.
- Adjust spout angle (Fig. 6) then tighten by hand with wrench provided ⑤

Fig. 6

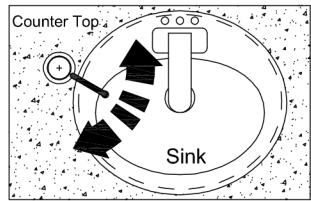


Fig. 7

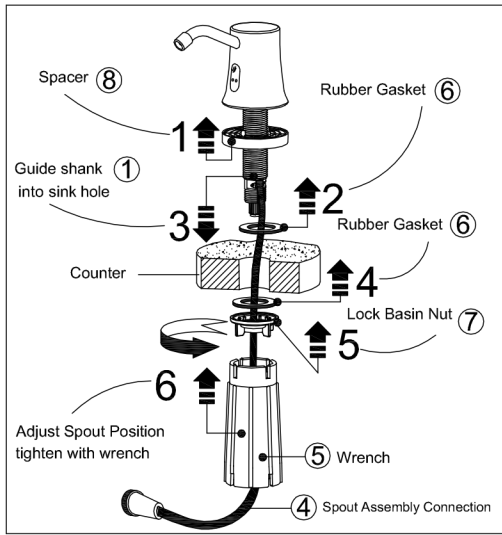


Fig. 8

