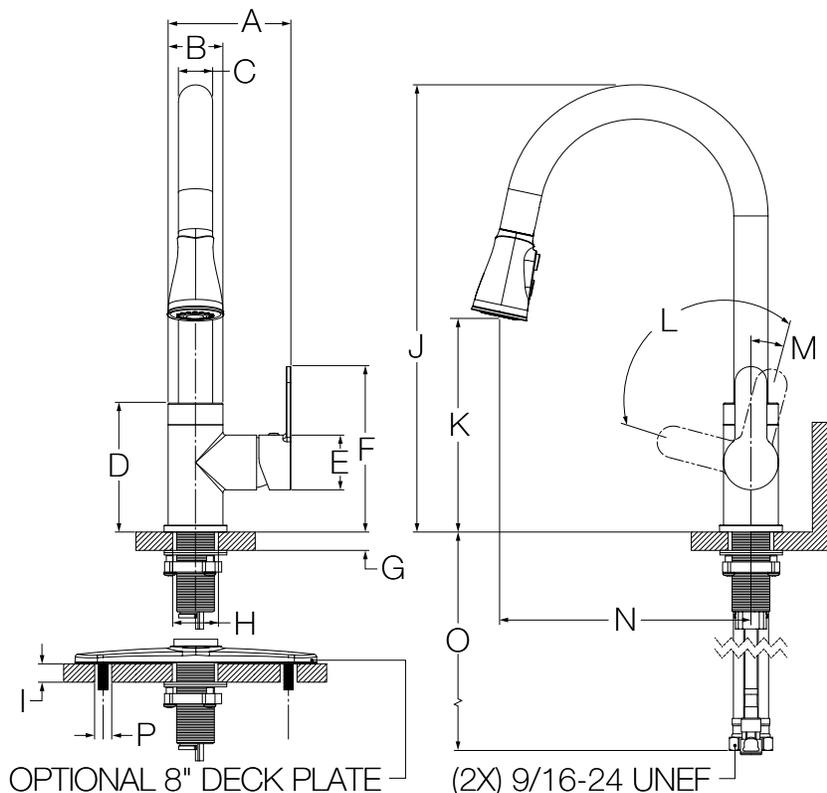# SYMMONS® Identity™

the smart choice™

S-6710-PD-1.5
Single Handle Pull-Down Kitchen Faucet
Operation & Maintenance Manual

Model Numbers

☐ **S-6710-PD** *Single Handle Pull-Down Kitchen Faucet*

Finish Options/Modifications

☐ **Delete Suffix 1.5** *2.2 gpm (8.3 L/min) flow restrictor*

☐ **-DP** *8" deck plate*

☐ **-STS** *Stainless Steel finish*

Note: Append appropriate -suffix to model number.

Compliance

-ASME A112.18.1/CSA B125.1
-NSF/ANSI 61.9; NSF/ANSI 372

NSF®

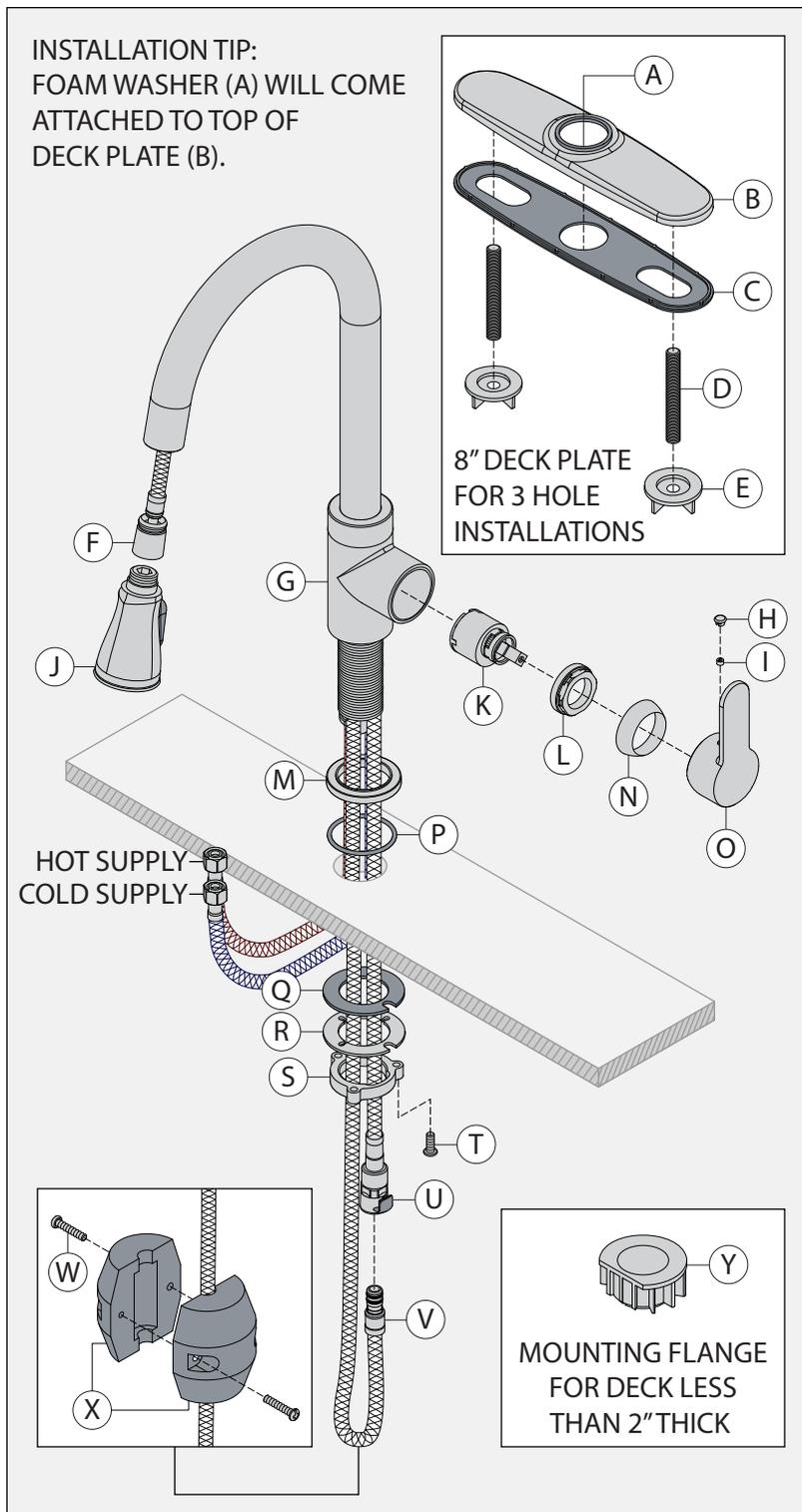## Feature Highlights

- Single hole mount configuration
- 3 hole mount configuration with optional 8" deck plate
- Two mode wand (spray to stream touch control & standard)
- 360 degree spout rotation
- Quarter turn ceramic cartridge
- 25 inch braided hose water supply connections
- Standard 1.5 gpm (5.7 L/min) flow rate
- Components shall be metal and nonmetallic construction, plated in standard polished chrome finish

Warranty

Limited Lifetime - to the original end purchaser in consumer/residential installations.
5 Years - for industrial/commercial installations. Refer to www.symmons.com/warranty for complete warranty information.

Dimensions

OPTIONAL 8" DECK PLATE

(2X) 9/16-24 UNEF

Measurements	
A	4-1/4", 108 mm
B	Ø 1-7/8", 48 mm
C	1-3/16", 30 mm
D	4-7/16", 113 mm
E	Ø 1-7/8", 48 mm
F	5-23/32", 145 mm
G	Deck Thickness Ref. Max. 1-3/4", 45 mm
H	Hole Size Min. Ø 1-3/8", 35 mm Max. Ø 1-1/2", 38 mm
I	Deck Thickness Ref. Max. 1-1/2", 38 mm
J	15-7/16", 392 mm
K	7-7/16", 189 mm
L	90 degrees
M	15 degrees
N	8-11/16", 221 mm
O	25", 635 mm
P	(2x) Hole Size Min. Ø 7-16", 11 mm

Note: Dimensions subject to change without notice.

Parts Breakdown

INSTALLATION TIP:
FOAM WASHER (A) WILL COME ATTACHED TO TOP OF DECK PLATE (B).

8" DECK PLATE FOR 3 HOLE INSTALLATIONS

HOT SUPPLY
COLD SUPPLY

MOUNTING FLANGE FOR DECK LESS THAN 2" THICK

Replacement Parts		
Item	Description	Part Number
A	Foam Washer	RK-058*
B	8" Deck Plate	
C	Mounting Gasket	
D	(2x) Studs	
E	(2x) Mounting Nuts	
F	Pull-Down Hose	RK-052
J	Spray Wand (1.5)	RK-051-1.5*
	Spray Wand (2.2)	RK-051-2.2*
K	Cartridge	KN-04170
H	Plug Button	RK-050*
I	Set Screw	
O	Handle	
Q	Rubber Washer	RK-053
R	Metal Washer	
S	Mounting Nut	
T	(3x) Screws	

*Note: Append appropriate -suffix to repair part number for premium finish.

| Tools Required for Installation	
Adjustable Wrench	
Allen Wrench: Handle (2.5 mm)	
Phillips Head Screwdriver	
Plumber Tape	
Silicone	

Notes:
1) Apply a bead of silicone around the perimeter of trim installed flush to sink.
2) Apply plumber tape to all threaded connections.

Installation

⚠️ Water lines MUST be thoroughly flushed BEFORE and AFTER installing the faucet to prevent foreign matter i.e. copper chips, sand, stones, etc. from clogging and possibly damaging the sealing surfaces of the cartridge.
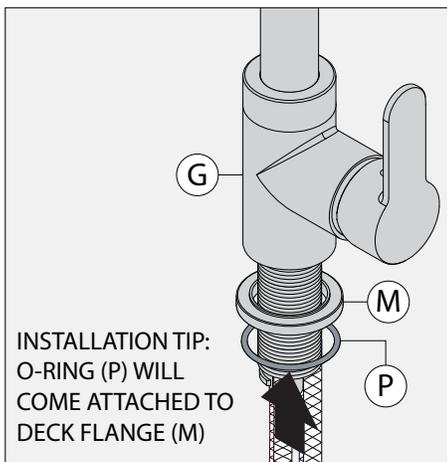
INSTALLATION TIP:
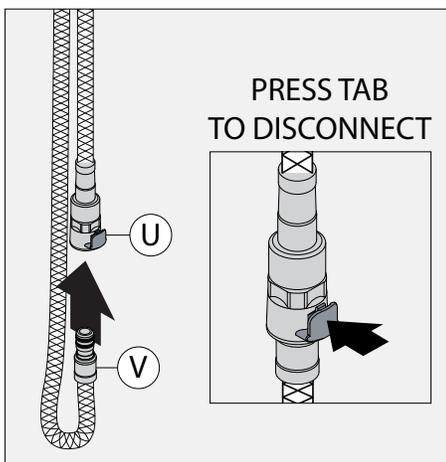O-RING (P) WILL
COME ATTACHED TO
DECK FLANGE (M)

1) Press deck flange (M) against faucet body (G).
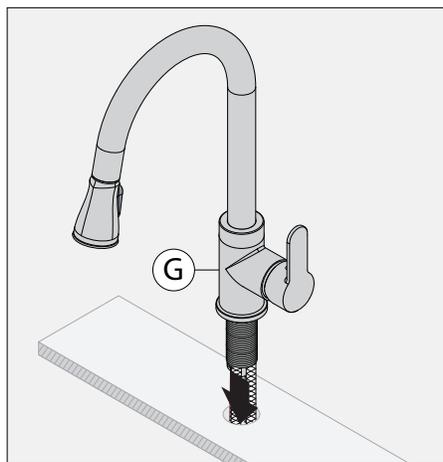
2) Install faucet body (G), supply hoses and pull-down hose to deck surface.
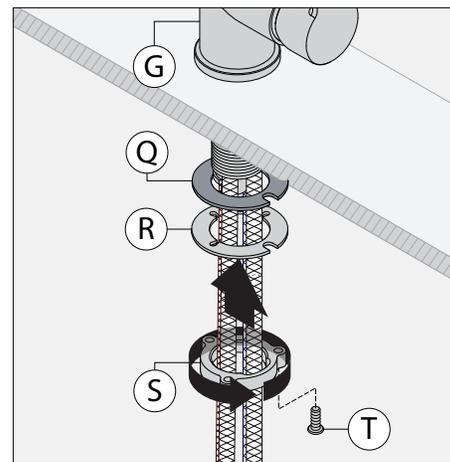
3) Install rubber washer (Q), metal washer (R) and mounting nut (S) to faucet body (G). Secure to bottom of deck with 3x mounting screws (T).

PRESS TAB
TO DISCONNECT

4) Attach outlet end of pull-down hose (V) to hose adapter (U). Press tab on hose adapter (U) to disconnect as shown above.
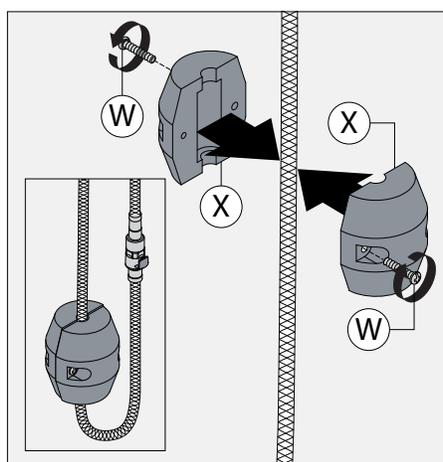
5) Attach counterweight (X) to outlet end of pull-down hose. Counterweight should be placed above the hose loop. Secure with 2x screws (W).
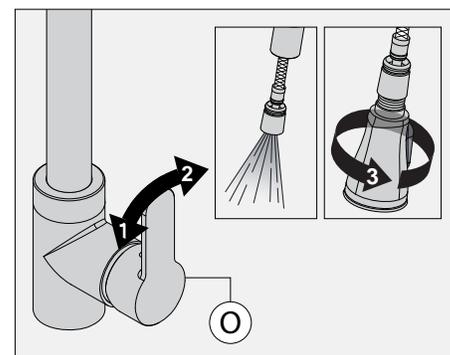
HOT SUPPLY   COLD SUPPLY
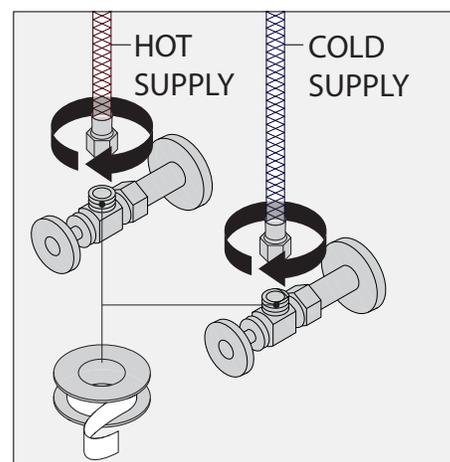
6) Connect hot supply hose (red stripe) and cold supply hose (blue stripe) to supply outlets.
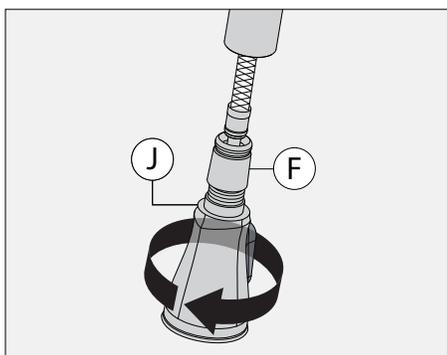
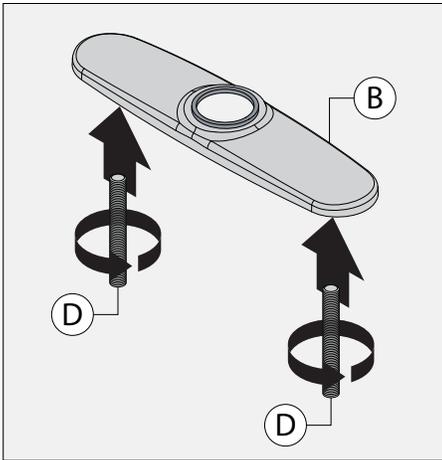7) Remove spray wand (J) from pull-down hose coupling (F).
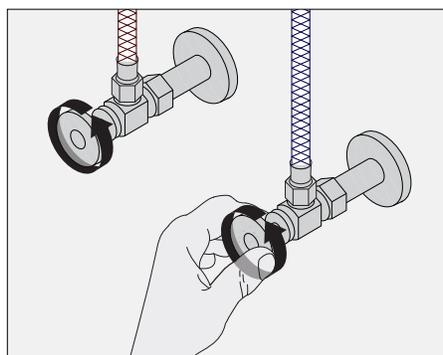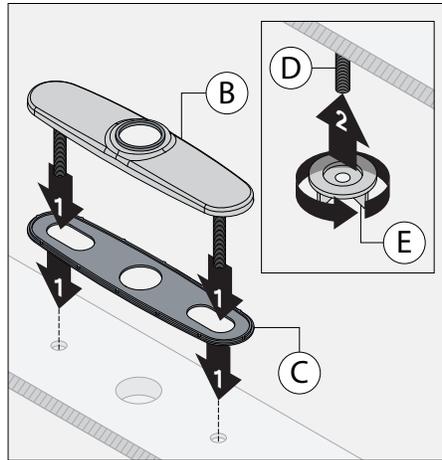
8) Turn on water supplies to flush lines.

9) Turn handle (O) slowly toward you and then away. Check for leaks.
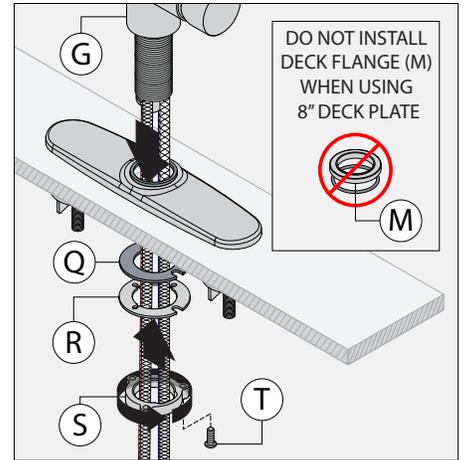
Installation (for 8" deck plate)
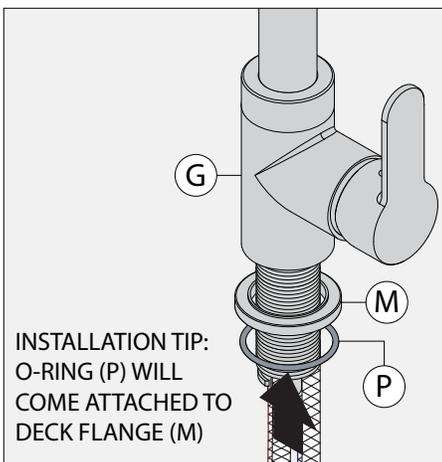
1) Thread studs (D) into deck plate (B).

2) Install deck plate (B) and gasket (C) to deck surface. Thread mounting nuts (E) to studs (D) to secure deck plate (B) under deck.
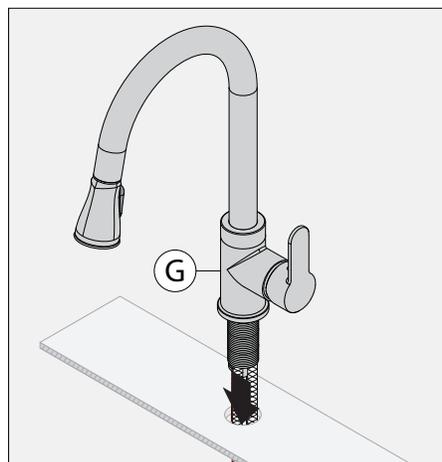
3) Insert faucet body (G) and faucet hoses through deck plate (B). Follow step 3 instructions (page 1) to secure faucet to deck.

DO NOT INSTALL DECK FLANGE (M) WHEN USING 8" DECK PLATE

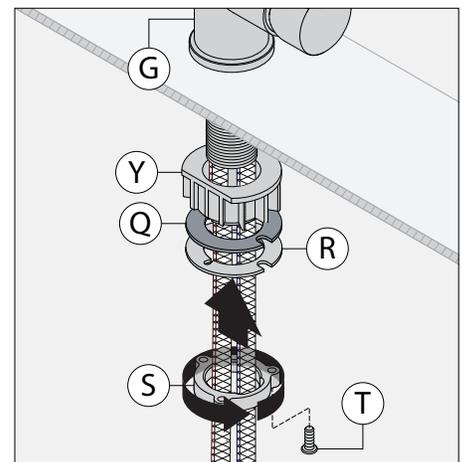## Installation (for deck less than 1/2")

INSTALLATION TIP: O-RING (P) WILL COME ATTACHED TO DECK FLANGE (M)
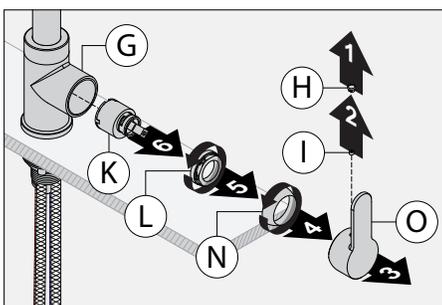
1) Press deck flange (M) against faucet body (G).

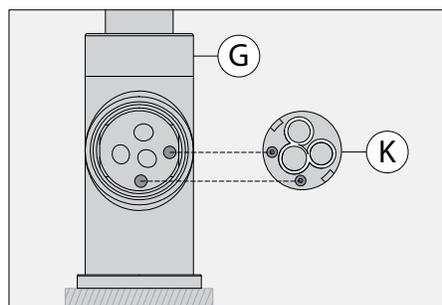2) Install faucet body (G), supply hoses and pull-down hose to deck surface.

3) Secure faucet body (G) to deck surface with mounting flange (Y).
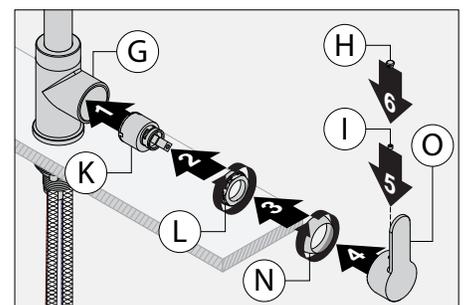
Maintenance (for cartridge replacement)

1) Remove plug button (H), set screw (I), handle (O), collar (N), compression nut (L) and cartridge (K) from faucet body (G).
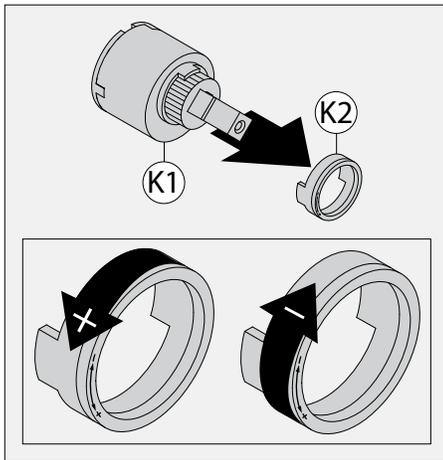
2) Inspect cartridge (K) for debris and replace cartridge if necessary. Align pegs on cartridge (K) with holes in faucet body (G) as shown above.

3) Replace cartridge (K), compression nut (L), collar (N), handle (O), set screw (I) and plug button (H).
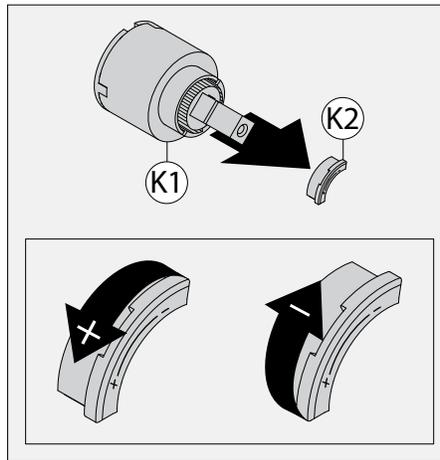
Cartridge Temperature Limit Stop Instructions

FOR NEW INSTALLATIONS

FOR REPLACING KN-4 CARTRIDGE

1) Remove limit stop (K2) from cartridge (K1). Turn limit stop counterclockwise to allow full handle turn to the hot position. Turn limit stop clockwise to limit handle turn to the hot position.

2) Remove limit stop (K2) from cartridge (K1). Turn limit stop counterclockwise to allow full handle turn to the hot position. Turn limit stop clockwise to limit handle turn to the hot position.

Troubleshooting Chart

Problem	Cause	Solution
Flow is irregular.	Accumulation of sediment in spray wand.	Remove and clean spray wand (J). Replace spray wand if necessary.
Same as above.	Accumulation of sediment in cartridge.	Remove and clean cartridge (K). See Maintenance section (page 4). Replace cartridge if necessary.
Handle is sticking to cartridge.	Same as above.	Same as above.
Handle is loose.	Set screw has loosened.	Tighten set screw (I).
Finish is spotting.	Elements in water supply may cause water staining on finish.	Clean finished trim area with a soft cloth using mild soap and water or a non-abrasive cleaner and then quickly rinse with water.

⚠ **WARNING:** This product can expose you to chemicals including lead, which is known to the state of California to cause cancer, birth defects, or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.