

INSTALLATION INSTRUCTIONS

AVERY™ PULL-DOWN KITCHEN & BAR FAUCET

4901.300
4901.410

Thank you for selecting American Standard...
the benchmark of fine quality for over 100 years.

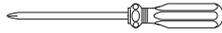
To ensure that your installation proceeds smoothly-please read these instructions carefully before you begin.

Certified to comply with ANSI A112.18.1M

RECOMMENDED TOOLS



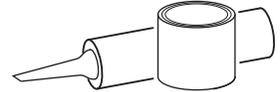
Flat Blade Screwdriver



Phillips Screwdriver



Adjustable Wrench



Plumbers' Putty or Caulking

1 INSTALL FAUCET WITH OR WITHOUT DECK ESCUTCHEON

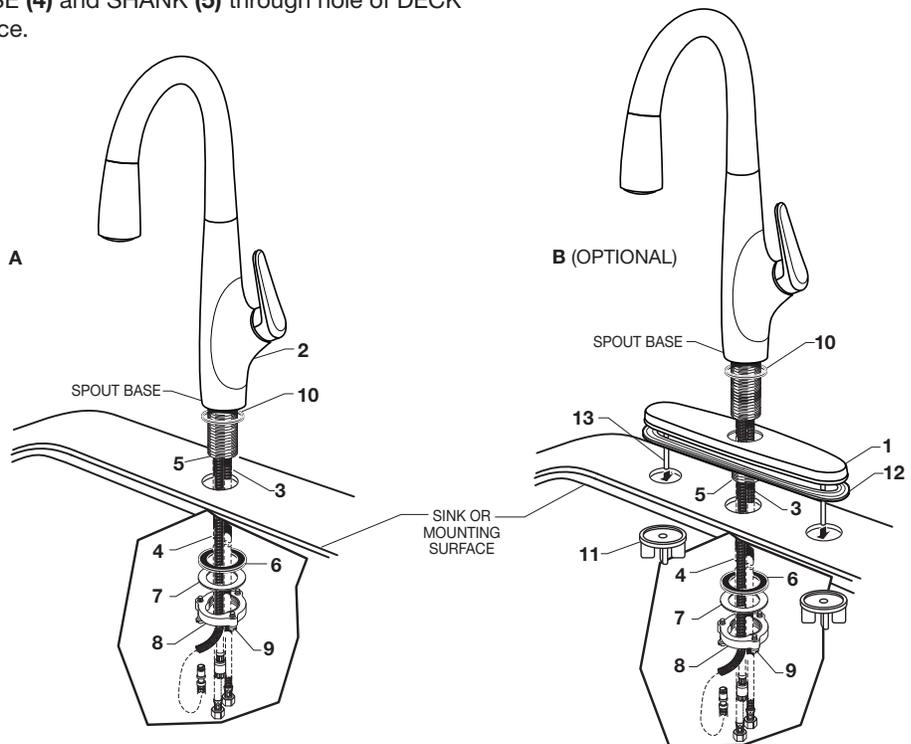
CAUTION Turn off water at main supply

(A) Installation less DECK ESCUTCHEON

- Make certain the SEAL (10) is properly seated in bottom recess of the SPOUT (2). Insert supply HOSES (3), SPRAY HOSE (4) and SHANK (5) through mounting hole and seat SPOUT BASE onto sink or mounting surface. **Do not use putty.**
- Insert HOSES (3) through RUBBER WASHER (6), BRASS WASHER (7), and threaded LOCKNUT (8).
- Assemble RUBBER WASHER (6), BRASS WASHER (7), and threaded LOCKNUT (8) onto SHANK (5) from underside of sink or mounting surface. Hand tighten LOCKNUT (8).
- Use a screwdriver to tighten SCREWS (9) on LOCKNUT (8). Work your way around LOCKNUT (8), tightening the screws slightly each time until all are snug to ensure even pressure.

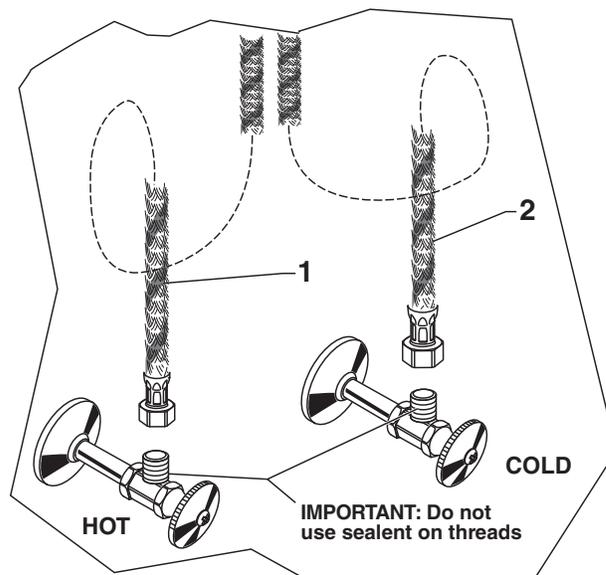
(B) Installation with DECK ESCUTCHEON (optional)

- Make certain the SEAL (10) is properly seated in top recess of DECK ESCUTCHEON (1) and SEAL (12) is properly seated in bottom recess of DECK ESCUTCHEON (1). **Do not use putty.**
- Screw in two THREAD RODS (13) onto bottom of DECK ESCUTCHEON (1).
- Insert SUPPLY HOSES (3), SPRAY HOSE (4) and SHANK (5) through hole of DECK ESCUTCHEON (1), and mounting surface.
- Follow mounting instructions above to secure faucet to mounting surface. Thread the MOUNTING NUTS (11) to secure DECK ESCUTCHEON.



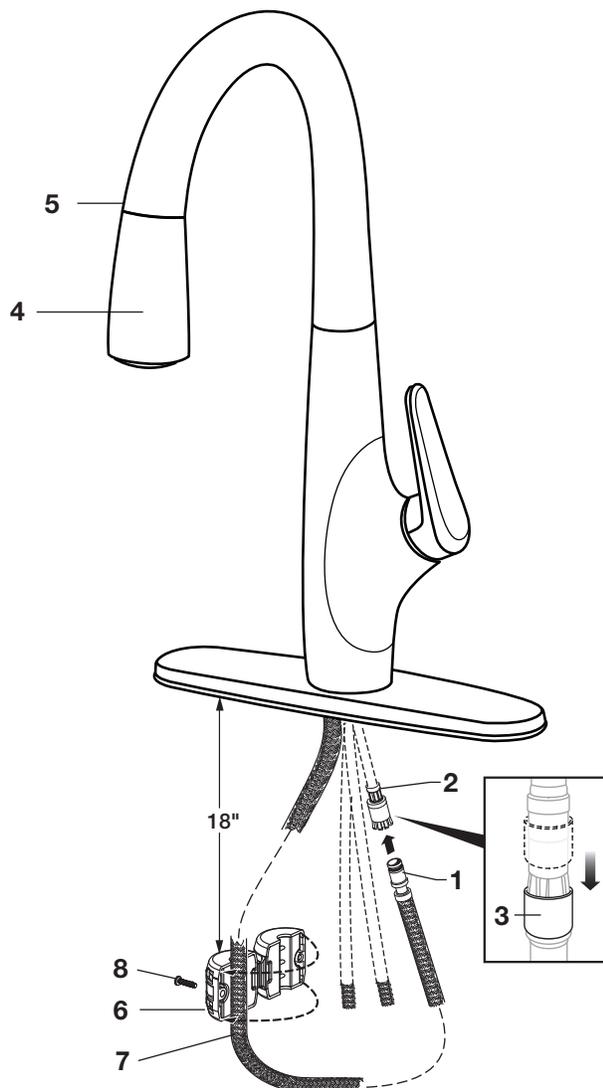
2 MAKE WATER SUPPLY CONNECTIONS

- Turn off hot and cold water supplies before beginning.
- Connect FLEXIBLE SUPPLY HOSES (1, 2) directly to wall supplies. Connection on fitting supplies are 3/8" compression. Connect left supply hose (Red Stripe) to Hot wall supply. Connect right supply hose (Blue Stripe) to Cold wall supply. Use adjustable wrench to tighten connections. Do not over tighten.
- * Faucet supplies are 35" long from faucet base.
- **Note: If additional supply length is required, installer must purchase additional parts separately.**
- **Important: If SUPPLY HOSES (1, 2) are too long, loop as illustrated to avoid kinking.**



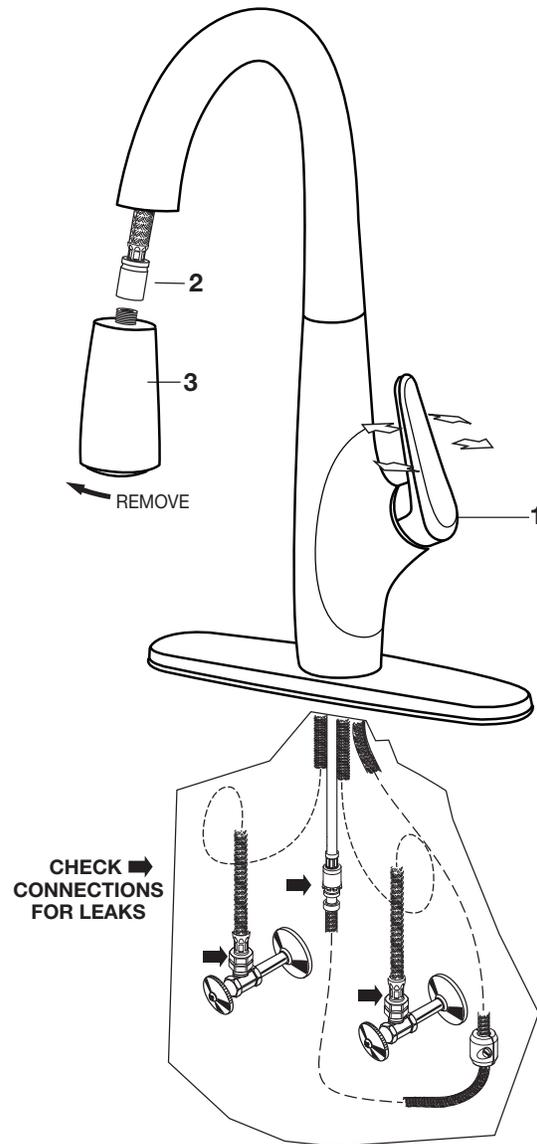
3 CONNECT SPRAY HOSE AND INSTALL WEIGHTS

- Push the SPRAY HOSE END (1) into the HOSE CONNECTOR (2) and slide down the LOCKING COLLAR (3) until it snaps into place.
- With HAND SPRAY (4) seated in SPOUT (5), install WEIGHT (6) at labeled area onto HOSE (7), secure with SCREW (8).



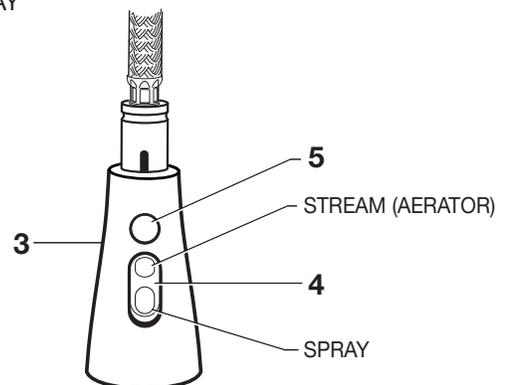
4 TEST INSTALLED FAUCET & CHECK CONNECTION FOR LEAKS

- Move HANDLE (1) into “off” position.
- Turn on water supplies and check connections for leaks. ➡
- With HANDLE (1) in “off” position, unthread SPRAY (3) from HOSE (2).
- Operate HANDLE (2) up and down, left and right to flush water lines thoroughly.
- Replace SPRAY (3) onto HOSE (2).
- Operate HAND SPRAY and check connections for leaks. ➡



5 SPRAY OPERATION

- With FAUCET on, press TOGGLE BUTTON (4) on SPRAY (3) to switch from stream to spray.
- Press and hold PAUSE BUTTON (5) to temporarily stop flow from SPRAY (3). Release PAUSE BUTTON (5) to resume flow from SPRAY (3).



6 SERVICE

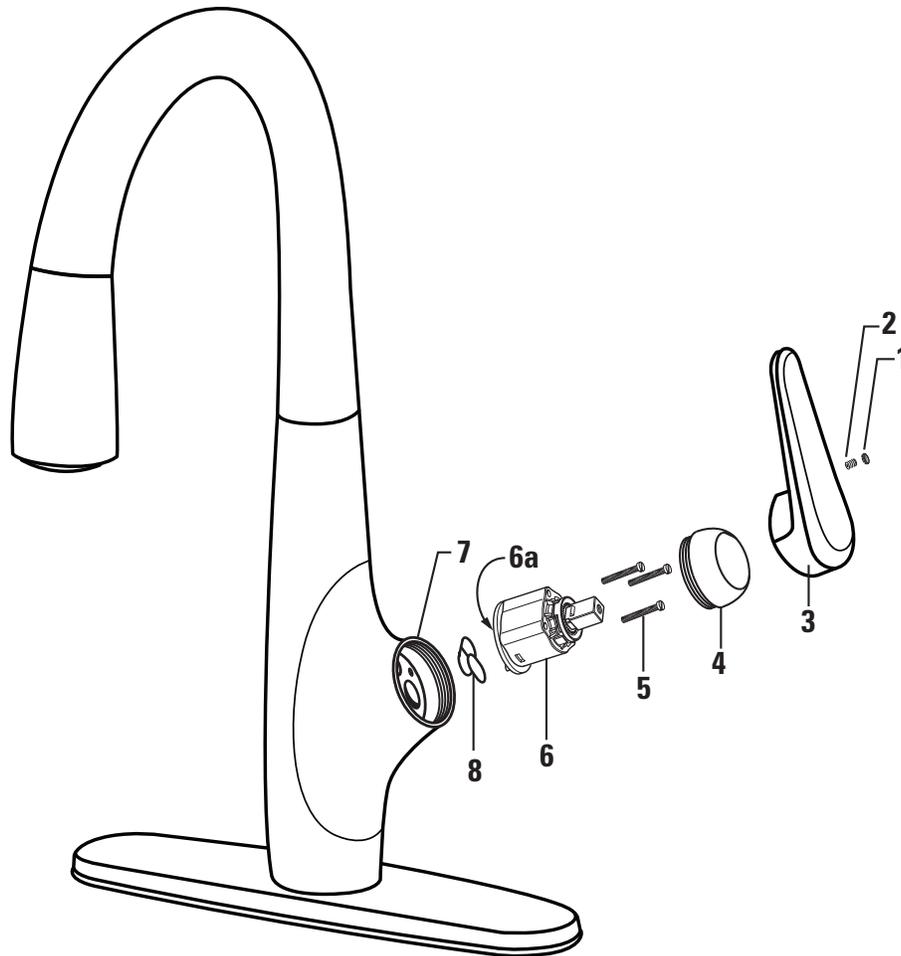
If Faucet Drips, Proceed As Follows:

- Turn VALVE to OFF position.
- Operate HANDLE several times from OFF to ON position. Do not apply excessive force.

Clogged CARTRIDGE outlets or inlets may cause reduced flow.

To clean, first turn off water supply then:

- Remove INDEX BUTTON (1), loosen HANDLE SCREW (2) and remove HANDLE (3).
- Unthread ESCUTCHEON CAP (4). Unthread three MOUNTING SCREWS (5).
- Lift CARTRIDGE (6) off MANIFOLD (7) and remove CARTRIDGE SEALS (8).
- Clean MANIFOLD (7), CARTRIDGE (6) ports and SEALS (8).
- Place SEALS (8) into CARTRIDGE PORTS (6a).
- Place CARTRIDGE (6) onto MANIFOLD (7) and tighten MOUNTING SCREWS (5) alternately.
- Replace ESCUTCHEON CAP (4), HANDLE (3), tighten HANDLE SCREW (2) and install INDEX BUTTON (1).



7 CARE:

DO: CLEAN WITH CLEAR WATER. DRY WITH A SOFT COTTON FLANNEL CLOTH.

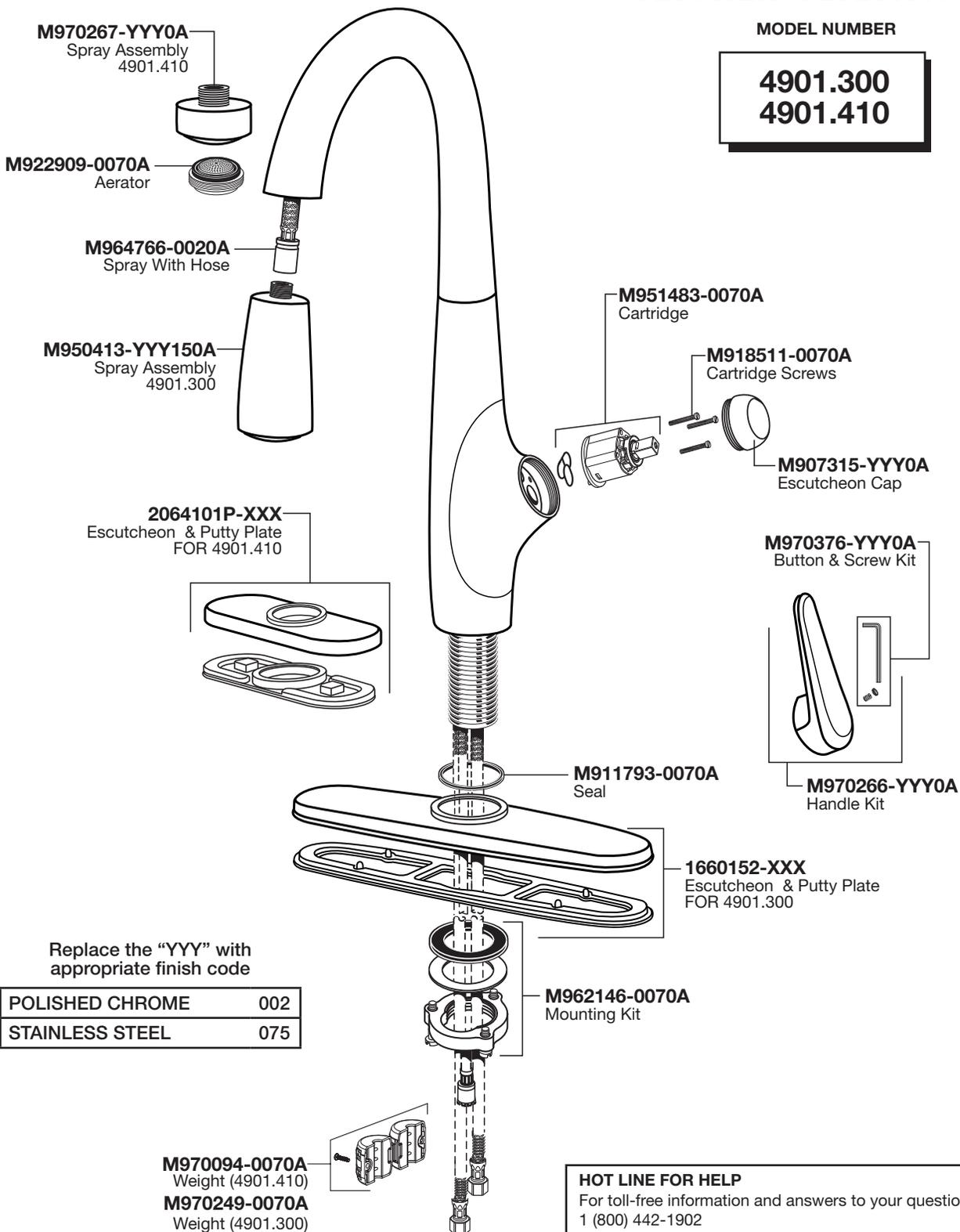
DO NOT: DO NOT CLEAN THE PRODUCT WITH SOAPS, ACID, POLISH, ABRASIVES, HARSH CLEANERS, OR A CLOTH WITH A COARSE SURFACE.

American Standard

AVERY™ PULL-DOWN KITCHEN & BAR FAUCET

MODEL NUMBER

4901.300
4901.410



Replace the "YYY" with appropriate finish code

POLISHED CHROME	002
STAINLESS STEEL	075

HOT LINE FOR HELP

For toll-free information and answers to your questions, call:
1 (800) 442-1902

Mon. - Fri. 8:00 a.m. to 8:00 p.m. EST
Saturday 10:00 a.m. to 4:00 p.m. EST

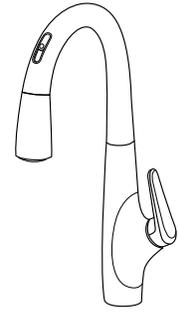
IN CANADA 1-800-387-0369
(TORONTO 1-905-306-1093)

Weekdays 8:00 a.m. to 7:00 p.m. EST

IN MEXICO 01-800-839-1200



PART OF LIXIL



Certified to comply with ANSI A112.18.1M

**AVERY™
ELECTRONIC PULL-DOWN
KITCHEN FAUCET**

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the benchmark of fine quality for over 100 years.*

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RECOMMENDED TOOLS



Flat Blade Screwdriver



Phillips Screwdriver



Adjustable Wrench

1 INSTALL FAUCET WITH OR WITHOUT DECK ESCUTCHEON

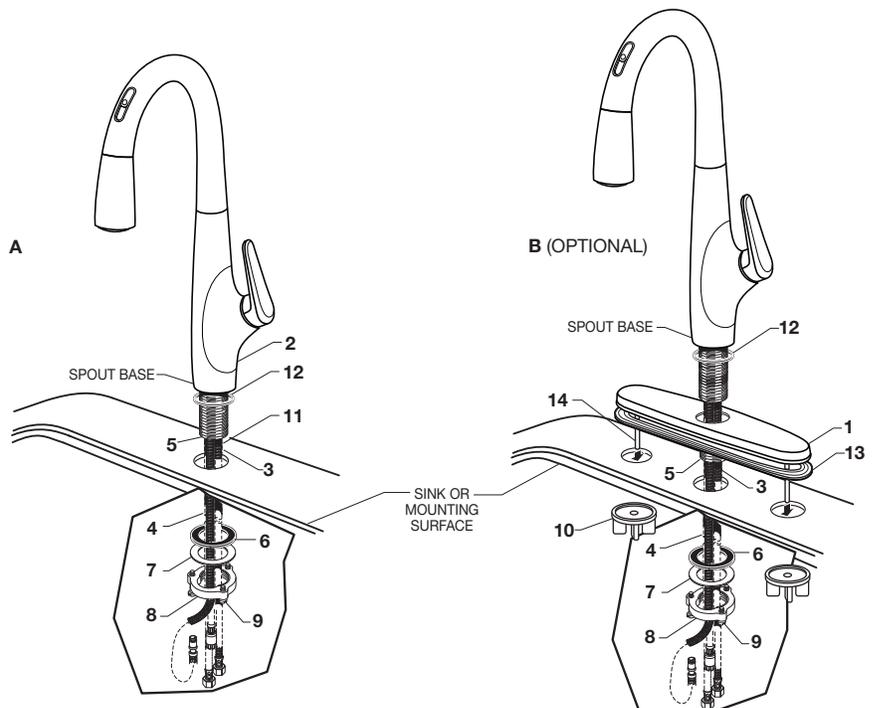
CAUTION Turn off water at main supply

(A) Installation on 1-hole mounting surface: (please refer to template provided)

- Make certain the SEAL (12) is properly seated in bottom recess of FAUCET (2). Insert CABLES (11), HOSES (3) and SHANK (4) through mounting ring and deck, seat SPOUT BASE onto sink or mounting surface. **Do not use putty.**
- From below: Insert CABLES (12) and HOSES (3) through RUBBER WASHER (6), BRASS WASHER (7), and threaded LOCKNUT (8).
- Assemble RUBBER WASHER (6), BRASS WASHER (7), and threaded LOCKNUT (8) onto SHANK (5) from underside of sink or mounting surface. Hand tighten LOCKNUT (8).
- Make sure faucet is aligned properly with handle on the right and logo facing directly forward.
- Use a screwdriver to tighten SCREWS (9) on LOCKNUT (8). Work your way around LOCKNUT (8), tightening the screws slightly each time until all are snug to ensure even pressure.

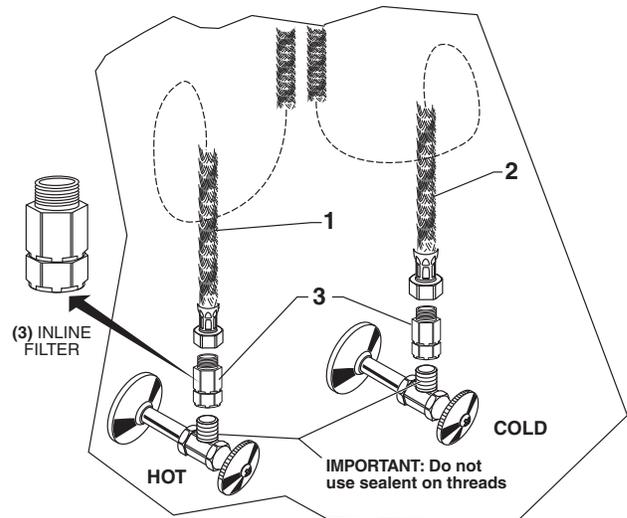
(B) Optional: Installation on 3-hole mounting surface: Requires Deck Escutcheon - order separately

- Make certain the SEAL (12) is properly seated in bottom recess of FAUCET (2) and FOAM SEAL (13) is properly seated in bottom recess of DECK ESCUTCHEON (1). **Do not use putty. (Please refer to the template provided)**
- Screw in two THREAD RODS (14) onto bottom of DECK ESCUTCHEON (1).
- Place deck escutcheon over mounting holes of the deck.
- Insert SUPPLY CABLES (11), HOSES (3), SPRAY HOSE (4) and SHANK (5) through hole of DECK ESCUTCHEON (1) and mounting surface.
- Follow mounting instructions above to secure faucet to mounting surface. Thread the MOUNTING NUTS (10) to secure DECK ESCUTCHEON.



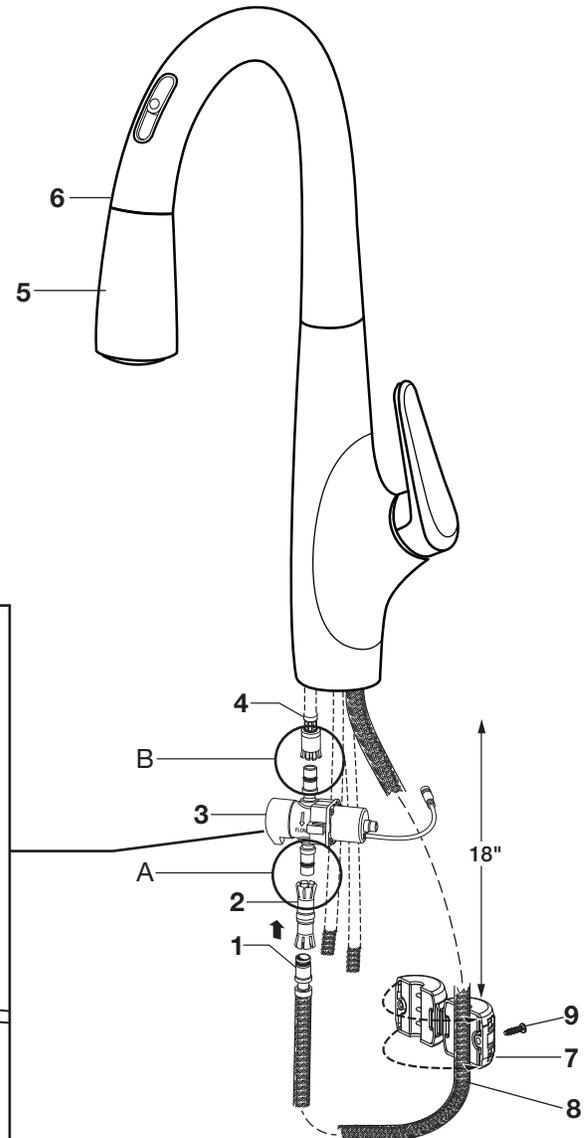
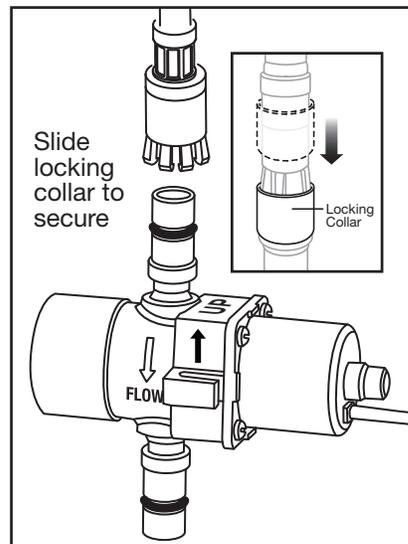
2 MAKE WATER SUPPLY CONNECTIONS

- Turn off hot and cold water supplies before beginning.
- Install **INLINE FILTER (3)** on each wall supply outlet. Be sure that **INLINE FILTER (3)** is inserted in the correct direction. (See Illustration)
- Connect **FLEXIBLE SUPPLY HOSES (1, 2)** directly to **INLINE FILTER (3)**. Connection on fitting supplies are 3/8" compression. Connect left supply hose (Red Stripe) to Hot wall supply. Connect right supply hose (Blue Stripe) to Cold wall supply. Use adjustable wrench to tighten connections. Do not over tighten.
- * Faucet supplies are 35" long from faucet base.
- **Note: If additional supply length is required, installer must purchase additional parts separately.**
- **Important: If SUPPLY HOSES (1, 2) are too long, loop as illustrated to avoid kinking.**



3 CONNECT SPRAY HOSE AND SOLENOID ASSEMBLY, AND INSTALL WEIGHT

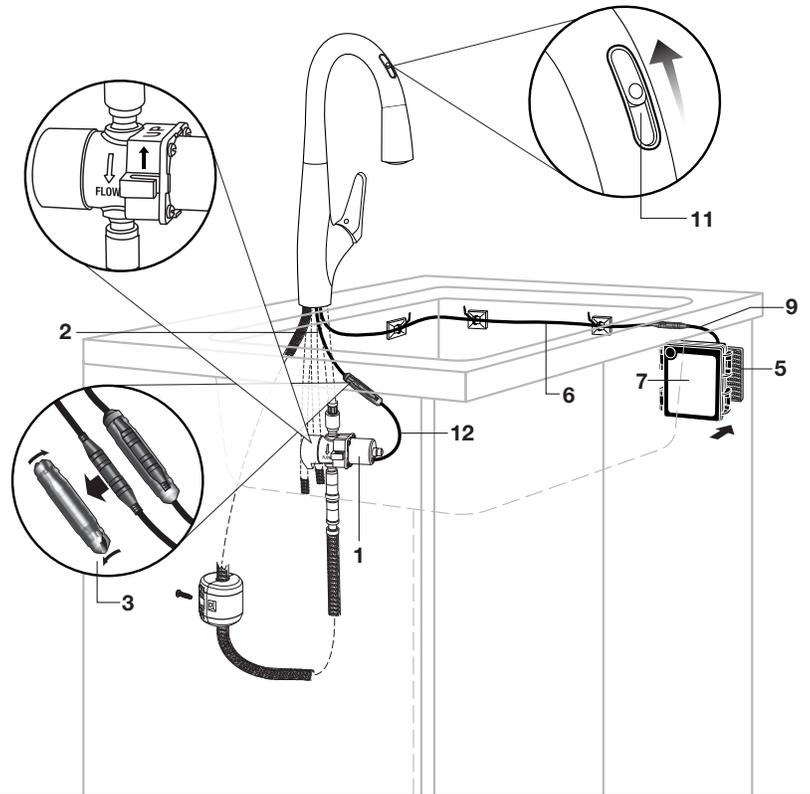
- Push the **SPRAY HOSE END (1)** into **FEMALE ADAPTER (2)** and slide down locking collar to secure connection.
- Orient solenoid valve with the orientation label facing up.
- Push **SOLENOID ASSEMBLY (3)** connection "B" into the **HOSE CONNECTOR (4)** as shown, and slide down locking collar towards **SOLENOID ASSEMBLY (3)** to secure connection.
- Push **SOLENOID ASSEMBLY (3)** connection "A" into other end of **FEMALE ADAPTER (2)** as shown, and slide locking collar towards **SOLENOID ASSEMBLY (3)** to secure connection.
- With **HAND SPRAY (5)** seated in **SPOUT (6)**, install **WEIGHT (7)** at labeled area onto **HOSE (8)**, secure with **SCREW (9)**.
- Important: Make sure you pull out hose and check to see that it moves freely and is not obstructed by supply hoses, solenoid valve or items in the bottom of the cabinet.



4 ELECTRICAL CONNECTIONS - SENSOR TO SOLENOID

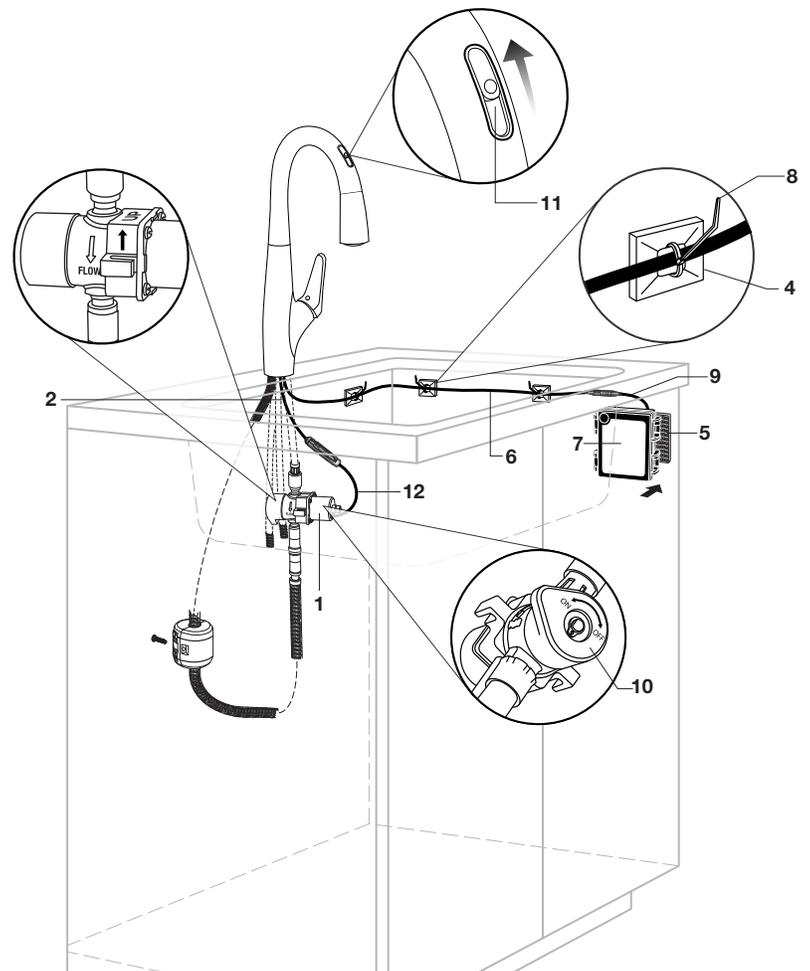
- Connect SOLENOID CONNECTOR (12) with the sensor connector from the faucet with the yellow tag stickers, secure this connection by installing inside the CONNECTORS HOUSING (3) as shown and lock by twisting the white end pieces.

NOTE: Use Qty. (4) AA Alkaline type batteries only.



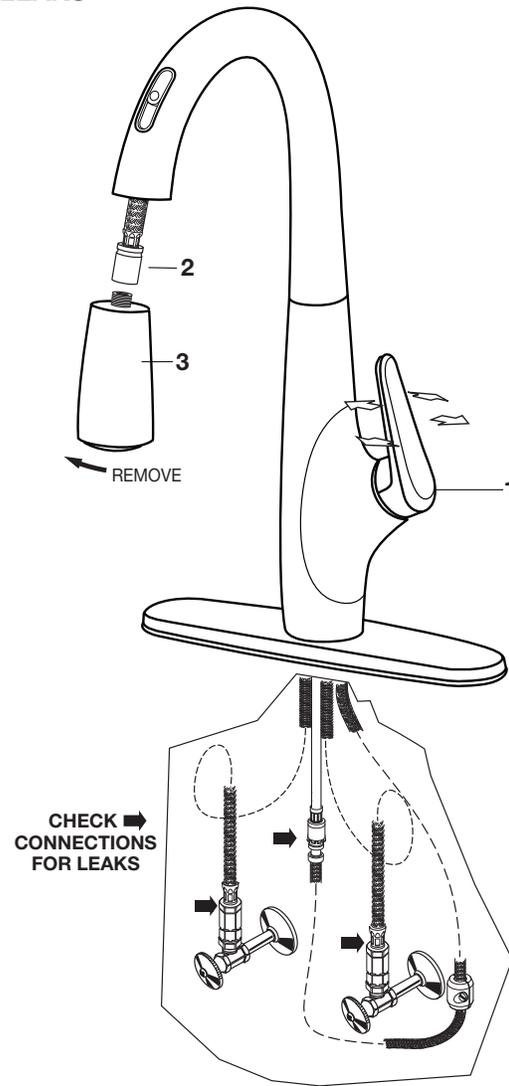
5 ELECTRICAL CONNECTIONS - BATTERY HOLDER

- Identify desired BATTERY HOLDER (7) location. Battery holder should be located so batteries can be easily accessed, with in 6ft of the faucet hook and loop (black strip) (5).
- Attach CABLE MOUNTS (4) along the inside of the kitchen cabinet walls positioning them accordingly as shown. Wipe clean surfaces before attaching CABLE MOUNTS (4).
- Attach 'HOOK TO LOOP' FASTENER (black strip) (5) to the back side of the BATTERY HOLDER (7) and attach 'HOOK TO LOOP' FASTENER (black strip) (5) on desired location inside the kitchen cabinet. Wipe mounting surface clean before attaching 'HOOK TO LOOP' FASTENER (black strip) (5).
- Secure longer SENSOR CABLE (6) to the CABLE MOUNTS (4) using the WIRE TIES (8) provided.
- Ensure that the BYPASS KNOB (10) on the SOLENOID ASSEMBLY (1) is in the "OFF" position.
- With the SLIDING DOOR (11) in the open position, connect the BATTERY HOLDER CABLE (9) to the other end of the long SENSOR CABLE (6), that is coming out of the faucet. The sensor will start to blink several times and then stop.



6 TEST INSTALLED FAUCET & CHECK CONNECTION FOR LEAKS

- Move HANDLE (1) into "off" position.
- Turn on water supplies and check connections for leaks. ➡
- With HANDLE (1) in "off" position, unthread SPRAY (3) from HOSE (2).
- Operate HANDLE (2) up and down, left and right to flush water lines thoroughly.
- Replace SPRAY (3) onto HOSE (2).
- Operate HAND SPRAY and check connections for leaks. ➡



7 FAUCET OPERATION – AUTOMATIC MODE, MANUAL MODE AND FEATURES

Automatic Mode

- Make sure the SLIDING DOOR (1) and HANDLE (2) are in the open position.
- To turn on the water, momentarily place your hand within 3" of the SENSOR (3).
- To turn off the water, momentarily place your hand again within 3" of the SENSOR (3).

Manual Mode

- Close the SLIDING DOOR (1) and use the HANDLE (2) to turn on and off the water.

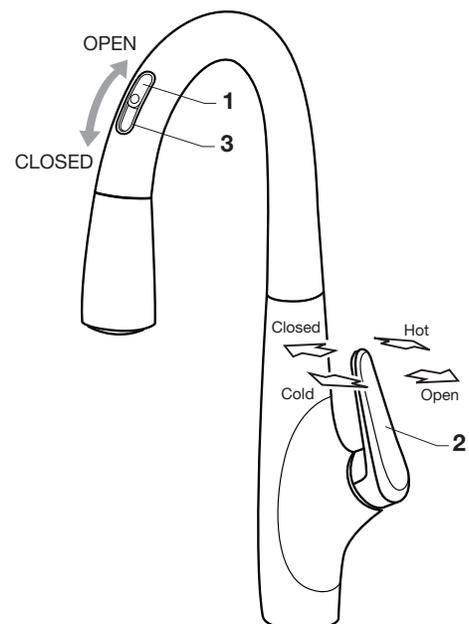
FEATURES

Safety Timer

- The faucet will automatically turn off the water after 5 minutes of continuous use. Momentarily place your hand in front of the sensor to turn on the water.

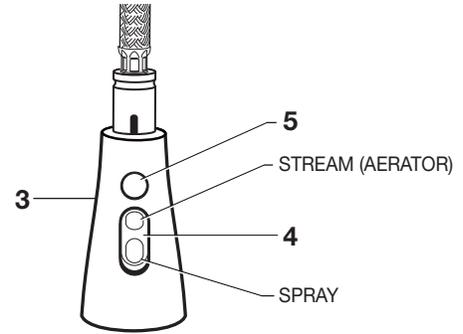
Low Battery Indication

- The sensor will start to blink constantly every second. This is the indication that the batteries are low in power. Replace the batteries with Qty. (4) AA Alkaline type batteries.
- Battery lifetime is approximately 1 year under normal use.



7a SPRAY OPERATION

- With FAUCET on, press TOGGLE BUTTON (4) on SPRAY (3) to switch from stream to spray.
- Press and hold PAUSE BUTTON (5) to temporarily stop flow from SPRAY (3). Release PAUSE BUTTON (5) to resume flow from SPRAY (3).



8 SERVICE

Battery needs replacement:

- Sensor will start to blink continuously every second. This is the indication that the batteries are low in power.
- Replace batteries in battery holder with Qty (4) AA alkaline type batteries.
- Batteries last approximately one year.
- Always change all 4 batteries. Failure to replacing all 4 batteries at the same time may cause faucet electronics to not work properly.

Reduced or distorted flow:

Debris or dirt accumulating at inlet or AERATOR MAY CAUSE REDUCED OR DISTORTED FLOW.

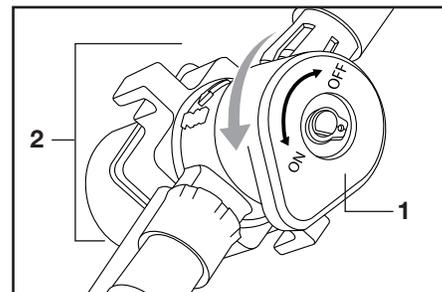
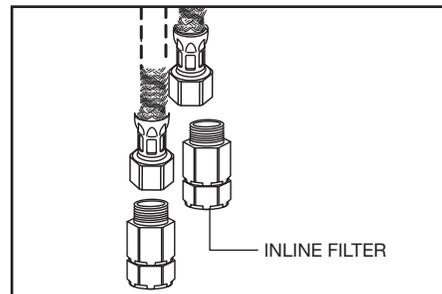
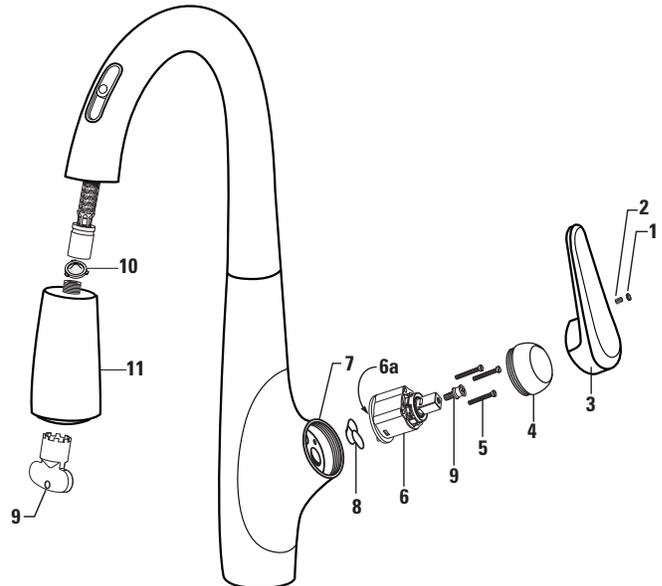
- Clean inline filter at inlet hoses.
- Turn hot and cold water supply off. Open valve in mixed position for two seconds to relief pressure close valve.
- Disconnect inlet hoses at stop valve and clean screen filter. If necessary remove inline filter and rinse at another water source.

Aerator Clean Out

- AERATOR may accumulate dirt causing distortion and reduced water flow. Remove AERATOR by using the AERATOR KEY (9) and rinse to clear any debris.
- Clean out the SCREEN (10) by removing SPRAY HEAD (11).

Power failure (manual bypass):

- In the event of a power failure, turn the BYPASS KNOB (1) on the SOLENOID ASSEMBLY (2) to the "ON" position. The faucet will be in MANUAL MODE (see section 5) and the HANDLE (3) can be used to turn on and off the water.



9 CARE:

DO: CLEAN WITH CLEAR WATER. DRY WITH A SOFT COTTON FLANNEL CLOTH.

DO NOT: DO NOT CLEAN THE PRODUCT WITH SOAPS, ACID, POLISH, ABRASIVES, HARSH CLEANERS, OR A CLOTH WITH A COARSE SURFACE.

American Standard

AVERY™ ELECTRONIC PULL-DOWN KITCHEN FAUCET

MODEL NUMBER

4901.380

M964766-0020A
SPRAY WITH HOSE

M950413-YYY150A
SPRAY ASSEMBLY

M970376-YYY0A
BUTTON &
SCREW KIT

M951483-0070A
CARTRIDGE

M970266-YYY0A
HANDLE KIT

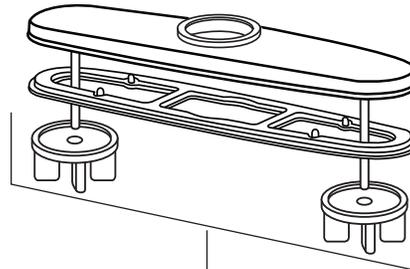
M907315-YYY0A
ESCUTCHEON CAP

M918511-0070A
CARTRIDGE SCREWS

Replace the "YYY" with
appropriate finish code

POLISHED CHROME	002
STAINLESS STEEL	075

M911793-0070A
SEAL



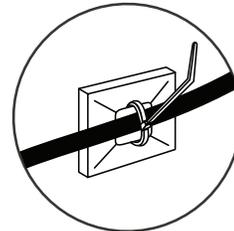
1660152-XXX
ESCUTCHEON AND SEAL
(OPTIONAL)

M954486-0070A
SOLENOID
ASSEMBLY

M921403-0070A
FEMALE ADAPTER
AND SLEEVE

M962146-0070A
MOUNTING KIT

M970249-0070A
WEIGHT



M964483-0070A
CABLE TIE &
CABLE MOUNT

M970109-0070A
BATTERY PACK

HOT LINE FOR HELP

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Saturday 10:00 a.m. to 4:00 p.m. EST

IN CANADA 1-800-387-0369
(TORONTO 1-905-306-1093)

Weekdays 8:00 a.m. to 7:00 p.m. EST

IN MEXICO 01-800-839-1200



M950019-0070A
INLINE FILTER
REQUIRES (2)

PART OF LIXIL