

American Standard

ELITE

SINGLE CONTROL KITCHEN FAUCET and HAND SPRAY

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.

Installation Instructions 4453 SERIES 4454 SERIES



Certified to comply with ANSI A112.18.1M
M968202 REV.1.2

TOOLS REQUIRED



Channel Locks



Adjustable Wrench



Plumbers' Putty or Caulking



Phillips Screwdriver



Regular Screwdriver

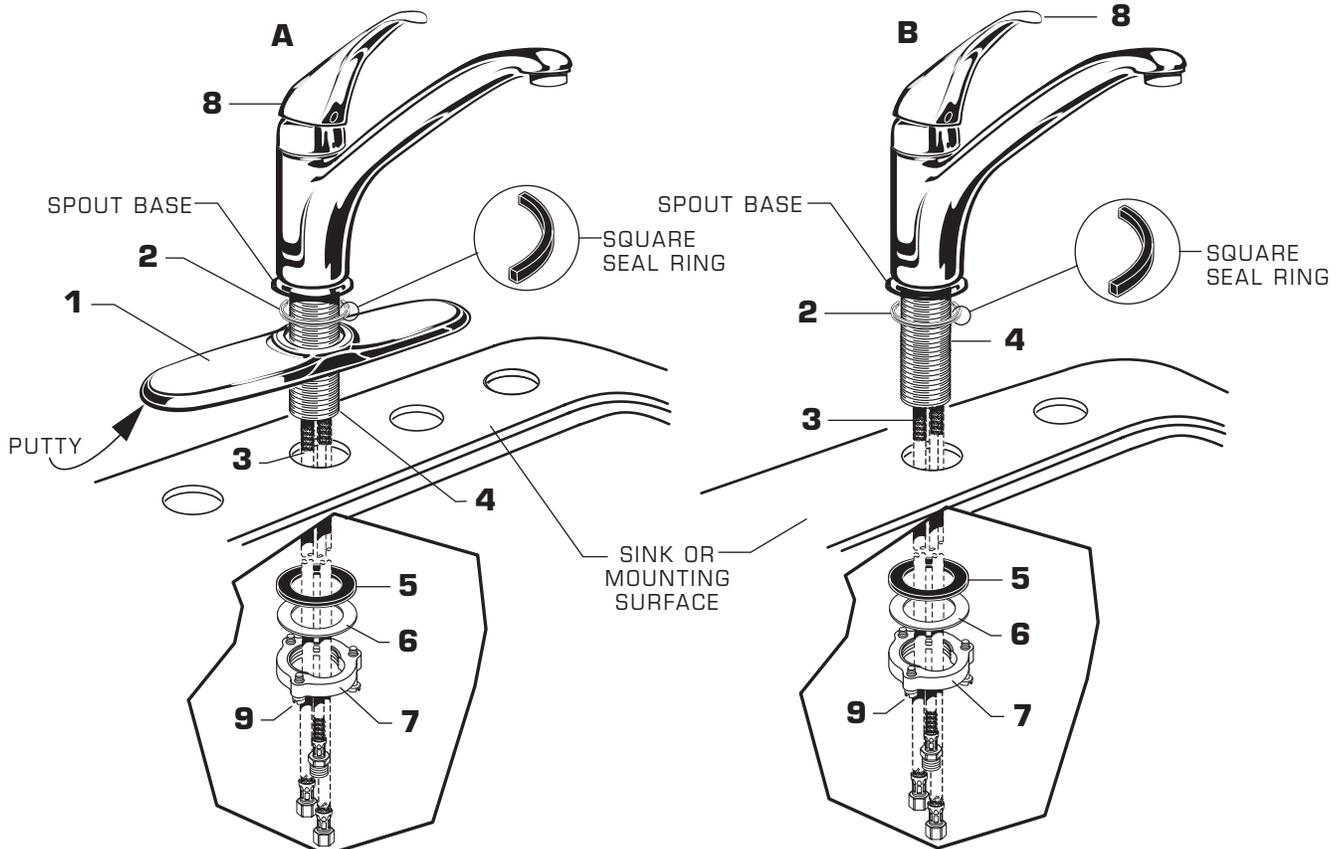
CARE:

DO: SIMPLY RINSE THE PRODUCT 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.

1 INSTALL FAUCET WITH OR WITHOUT DECK ESCUTCHEON

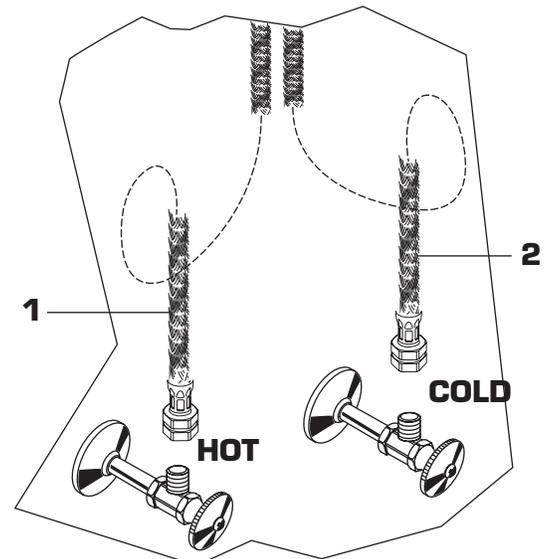
CAUTION Turn off hot and cold water
supplies before beginning.

- **(A) Installation with ESCUTCHEON (1).** Apply a bead of putty to bottom edge of ESCUTCHEON WITH PUTTY PLATE (1). Insert supply HOSES (3) and SHANK (4) through hole of ESCUTCHEON WITH PUTTY PLATE (1) and mounting surface. Make certain the SQUARE SEAL RING (2) is properly seated in recess of SPOUT BASE. Follow mounting instructions below to secure faucet to mounting surface.
- **(B) Installation less ESCUTCHEON (1).** Remove ESCUTCHEON WITH PUTTY PLATE (1) and Insert supply HOSES (3) and SHANK (4) through mounting hole and seat SPOUT BASE onto sink or mounting surface. Make certain the SQUARE SEAL RING (2) is properly seated in recess of SPOUT BASE. Do not use putty.
- Assemble RUBBER WASHER (5), BRASS WASHER (6), and threaded LOCKNUT (7) onto SHANK (4) from underside of sink or mounting surface. Hand tighten LOCKNUT (7) and check that rotation of HANDLE (8) from HOT to COLD is centered.
- Use a screwdriver to tighten SCREWS (9) on LOCKNUT (7). Work your way around LOCKNUT (7), tightening the screws slightly each time until all are snug to ensure even pressure.



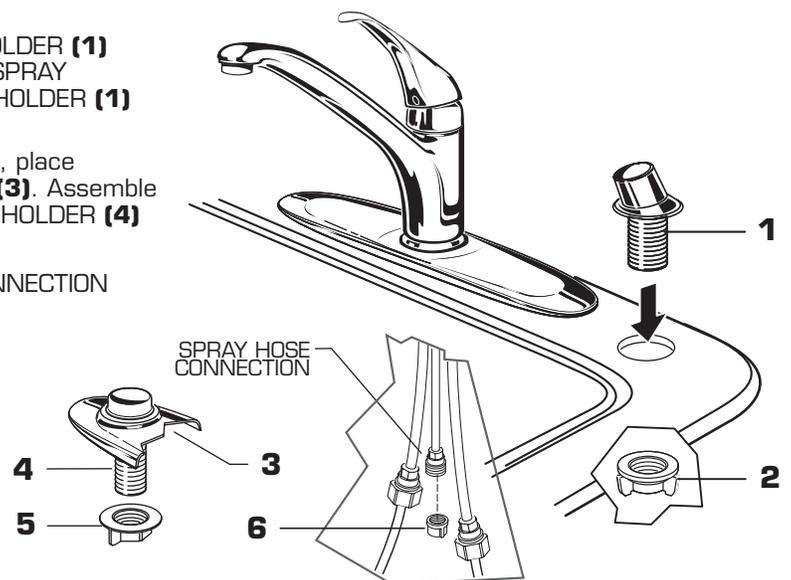
2 MAKE WATER SUPPLY CONNECTIONS

- Turn off hot and cold water supplies before beginning.
- Connect FLEXIBLE SUPPLIES (1, 2) directly to wall supplies. Connection on fitting supplies are 3/8" compression. Connect left supply to Hot (Marked with a Red Tag) and right supply to Cold wall supply. Use adjustable wrench to tighten connections. Do not over tighten.
- Faucet supplies are 21" 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.*



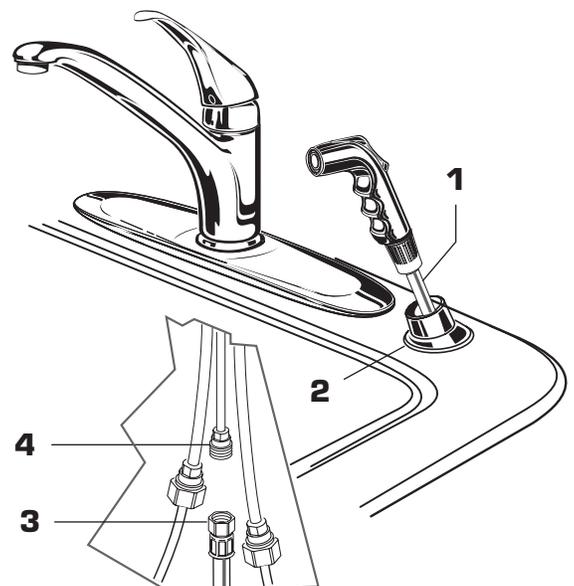
3 INSTALL SPRAY HOLDER

- On model with separate spray, place the SPRAY HOLDER (1) into the appropriate mounting hole. Assemble the SPRAY HOLDER WING NUT (2) onto the shank of SPRAY HOLDER (1) from below and tighten. **Do not use putty.**
- On model with spray through the ESCUTCHEON (3), place SPRAY HOLDER (4) into the hole of ESCUTCHEON (3). Assemble SPRAY HOLDER NUT (5) onto the shank of SPRAY HOLDER (4) from below and tighten. **Do not use putty.**
- For installation less spray cap off SPRAY HOSE CONNECTION with PIPE CAP (6).



4 CONNECT HOSE SPRAY

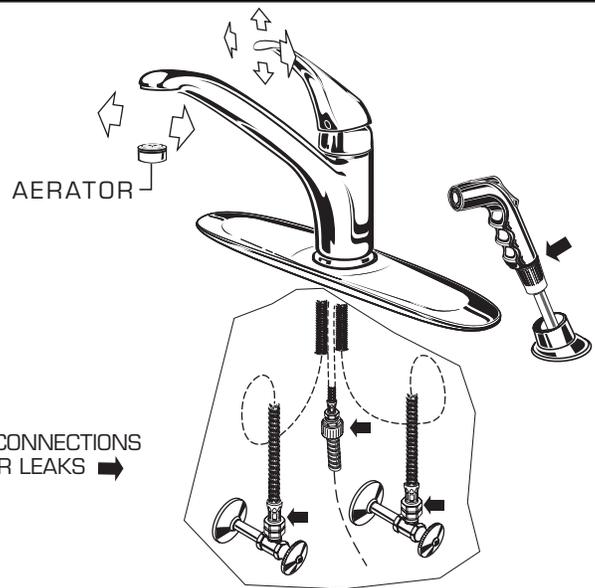
- Feed SPRAY HOSE (1) through SPRAY HOLDER (2) and attach COUPLING NUT (3) of HOSE (1) to HOSE ADAPTOR (4) on valve body. Tighten COUPLING NUT (3) firmly.



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TEST INSTALLED FAUCET

- Move HANDLE down into "off" position and remove AERATOR.
- Turn on water supplies and check connections for leaks. ➡
- Operate HANDLE up and down, left and right to flush water lines thoroughly.
- For faucet with spray, direct SPRAY HEAD into sink and activate SPRAY. Check hose connections for leaks. ➡
- Move HANDLE down to "off" position and replace AERATOR.



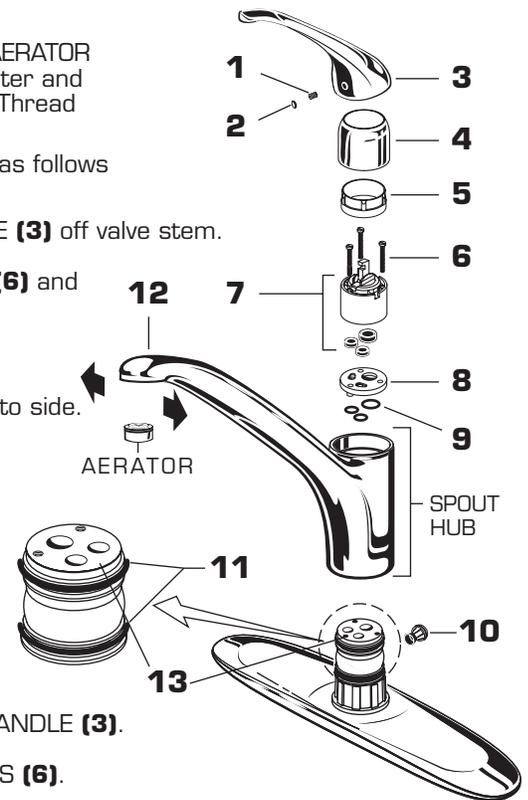
6

SERVICE

Reduced flow. If the flow gradually reduces over a number of months, the AERATOR may have collected debris. To clean, remove AERATOR and rinse with water and remove any debris. Turn on faucet to wash any debris out of the faucet. Thread AERATOR back into spout. Operate faucet.

■ **Spout leakage.** If fitting leaks above or below SPOUT HUB remove SPOUT as follows and check SPOUT O-RINGS and SPACER O-RINGS.

- Remove HANDLE BUTTON (2) and loosen SET SCREW (1). Pull HANDLE (3) off valve stem.
- Remove CAP (4) and RETAINER (5). Loosen CARTRIDGE SCREWS (6) and remove CARTRIDGE (7).
- Pull off SPACER (8) and O-RINGS (9).
- Remove SPOUT (12) by pulling up gently while moving SPOUT (12) side to side.
- Check both SPOUT O-RINGS (11). Replace if necessary.
- On models with SPRAYS, DIVERTER (10) can be cleaned by pulling DIVERTER (10) out of the MANIFOLD (13). Clean DIVERTER (10) and MANIFOLD (13). Push DIVERTER (10) back into MANIFOLD (10).



■ Reverse procedure to reinstall SPOUT, CARTRIDGE and HANDLE.

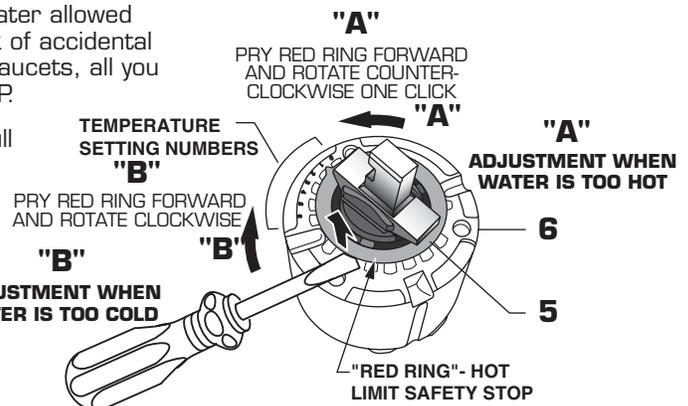
■ **Clogged CARTRIDGE outlets or inlets may cause reduced flow.** To clean, first turn off water supply then:

- Remove PLUG BUTTON (2), loosen HANDLE SCREW (1) and remove HANDLE (3).
- Remove ESCUTCHEON CAP (4). unscrew the three CARTRIDGE SCREWS (6).
- Clean inlets of CARTRIDGE (7) and MANIFOLD (13).
- Reassemble CARTRIDGE (7), alternately tightening SCREWS (6). Replace CAP (4) and HANDLE (3). Check flow.

HOT LIMIT SAFETY STOP ADJUSTMENT

By restricting handle rotation and limiting the amount of hot water allowed to mix with the cold, the HOT LIMIT SAFETY STOP reduces risk of accidental scalding. To set the maximum hot water temperature of your faucets, all you need to do is adjust the setting on the HOT LIMIT SAFETY STOP.

- Remove HANDLE BUTTON (1) and loosen SET SCREW (2). Pull HANDLE (3) off valve stem. Pull off CAP (4). Use a flat blade screwdriver or your fingers to pull up and rotate red HOT LIMIT SAFETY STOP (5). Follow Step "A" or "B" to adjust min./max. discharge temperature. "0" being the hottest to "7" the coldest temperature setting. Factory set at "0".



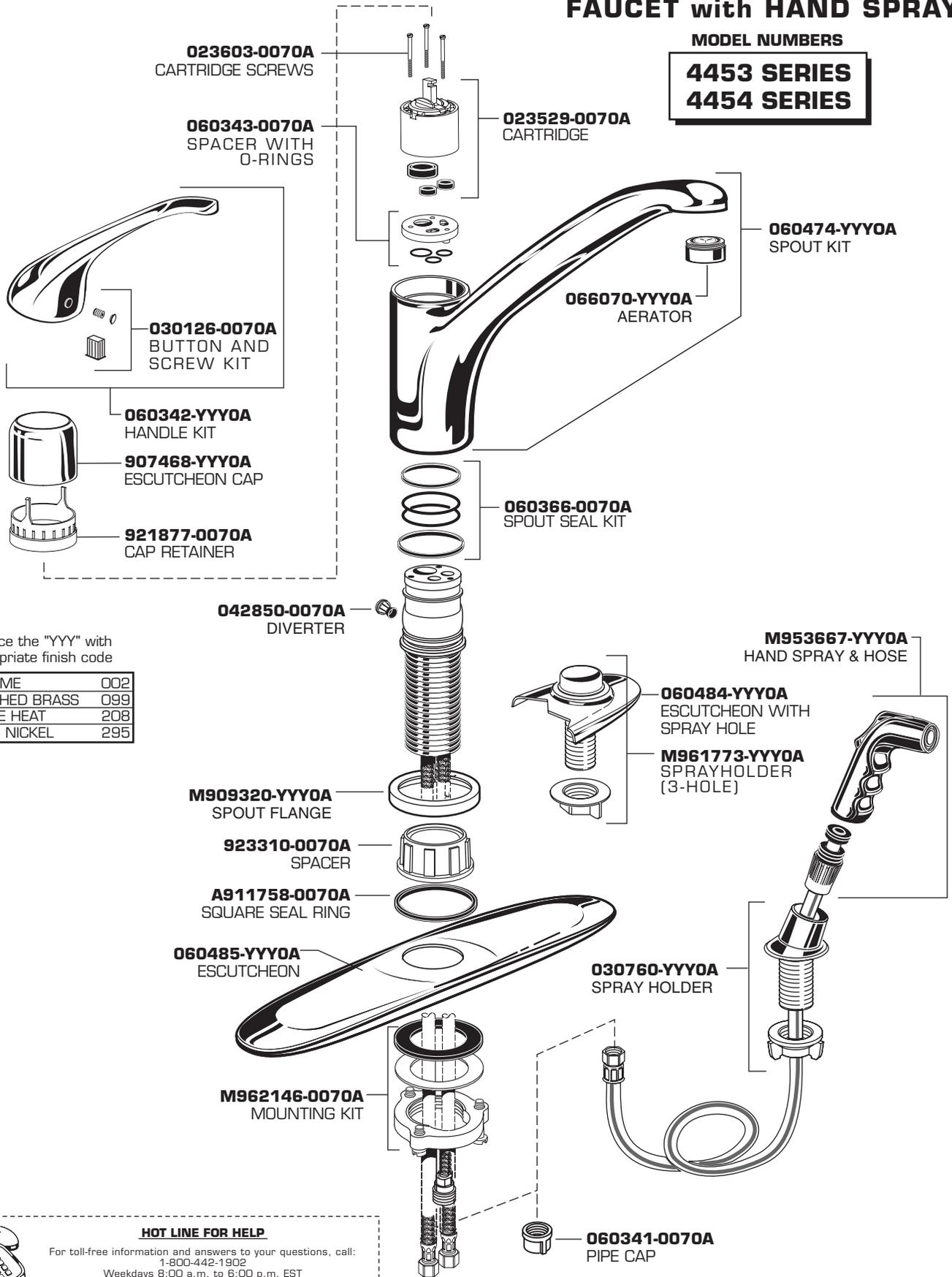
- Replace ESCUTCHEON CAP (4), HANDLE (3), tighten HANDLE SCREW (1) and install INDEX BUTTON (2).

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ELITE
SINGLE CONTROL KITCHEN
FAUCET with HAND SPRAY

MODEL NUMBERS

4453 SERIES
4454 SERIES



023603-0070A
 CARTRIDGE SCREWS

060343-0070A
 SPACER WITH
 O-RINGS

023529-0070A
 CARTRIDGE

030126-0070A
 BUTTON AND
 SCREW KIT

060474-YYY0A
 SPOUT KIT

066070-YYY0A
 AERATOR

060342-YYY0A
 HANDLE KIT

907468-YYY0A
 ESCUTCHEON CAP

921877-0070A
 CAP RETAINER

060366-0070A
 SPOUT SEAL KIT

042850-0070A
 DIVERTER

M953667-YYY0A
 HAND SPRAY & HOSE

Replace the "YYY" with
 appropriate finish code

CHROME	002
POLISHED BRASS	099
WHITE HEAT	208
SATIN NICKEL	295

060484-YYY0A
 ESCUTCHEON WITH
 SPRAY HOLE

M961773-YYY0A
 SPRAYHOLDER
 (3-HOLE)

M909320-YYY0A
 SPOUT FLANGE

923310-0070A
 SPACER

A911758-0070A
 SQUARE SEAL RING

060485-YYY0A
 ESCUTCHEON

030760-YYY0A
 SPRAY HOLDER

M962146-0070A
 MOUNTING KIT

060341-0070A
 PIPE CAP

HOT LINE FOR HELP

For toll-free information and answers to your questions, call:
 1-800-442-1902
 Weekdays 8:00 a.m. to 6:00 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



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M968202 REV.1.2