

American Standard

Installation Instructions

4508.900

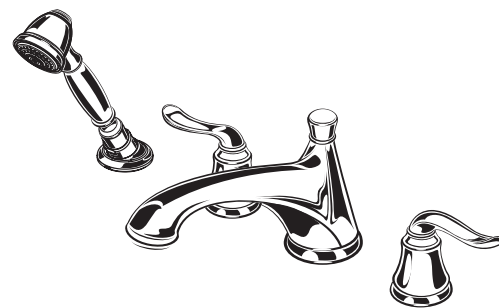
4508.901

PRINCETON

DECK-MOUNT BATH FILLER

*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

M968674 Rev. 1.1

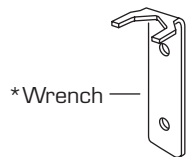
Recommended Tools



Flat Blade Screwdriver



Adjustable Wrench



*Wrench

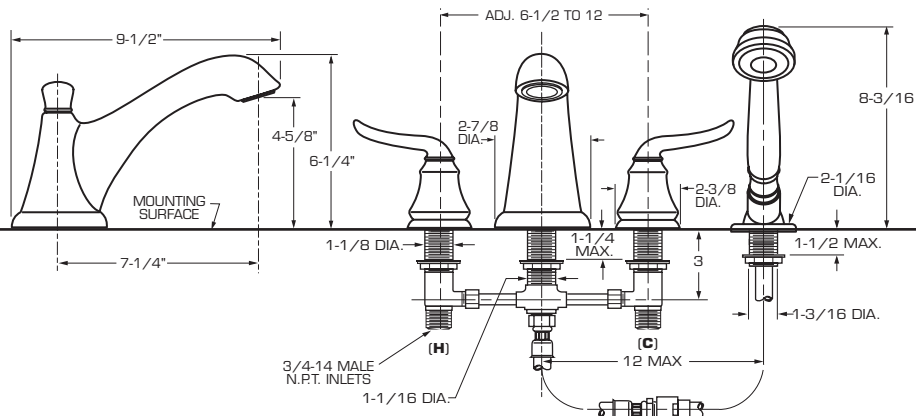


Channel Locks



*Hex key
*Supplied with Fitting

ROUGHING-IN DIMENSIONS

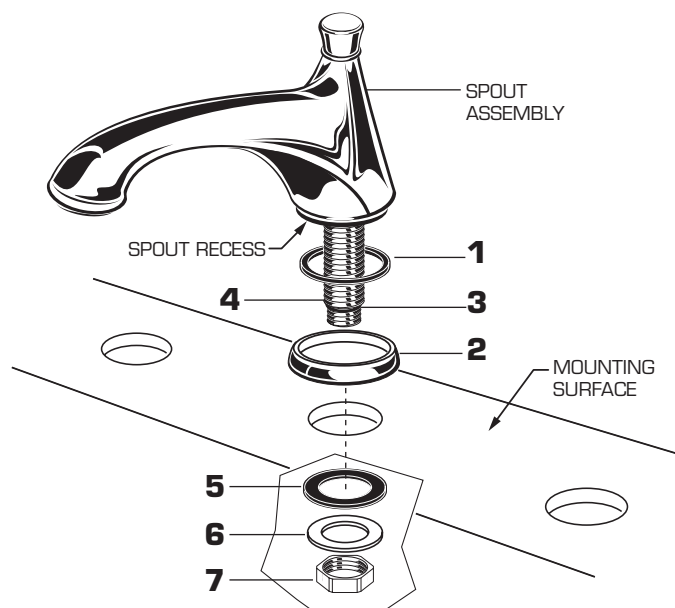


1 SPOUT ASSEMBLY

CAUTION

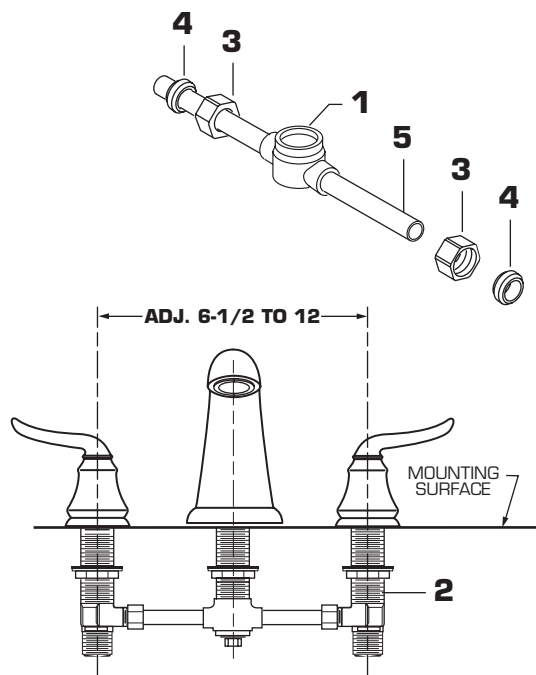
Turn off water at main supply.

- Install RING WASHER **(1)** into SPOUT recess. Check that O-RING **(3)** on end of SPOUT SHANK **(4)** is in place. Insert SPOUT SHANK **(4)** through ESCUTCHEON **(2)** and into center hole on mounting surface. Make sure SPOUT and ESCUTCHEON are seated together.
- Assemble RUBBER WASHER **(5)** and BRASS WASHER **(6)** and LOCKNUT **(6)** onto SPOUT SHANK **(4)**. Align SPOUT ASSEMBLY and from underside of ledge secure SPOUT ASSEMBLY into position with LOCKNUT **(7)**.



2 PREPARE TUBE AND TEE ASSEMBLY

- Prepare TUBE and TEE ASSEMBLY (1) to fit center to center VALVE (2) location (between 6-1/2" and 12"). If necessary, cut and/or bend TUBING carefully. Make sure tube bend is close to the TEE (1) so that it will not effect the compression joint at the VALVE CONNECTION.
- Remove COUPLING NUT (3) and FERRULE (4) from each VALVE (2) and slide onto TUBING (5).

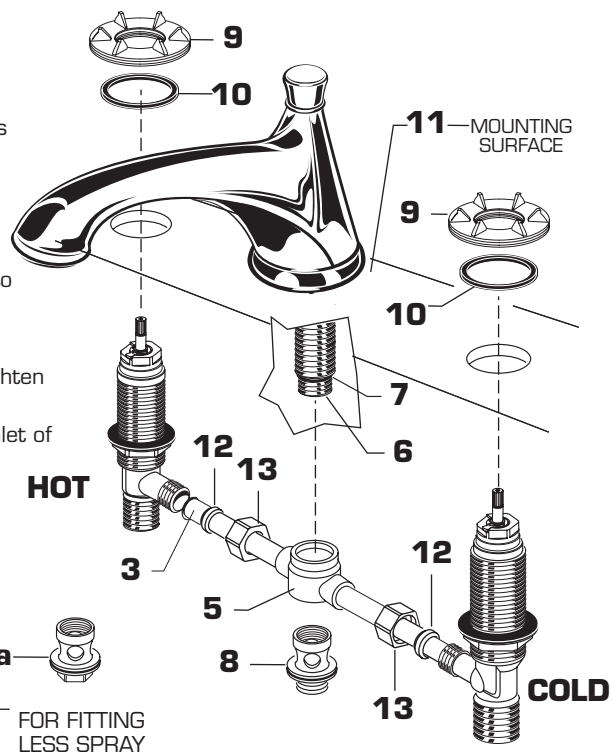
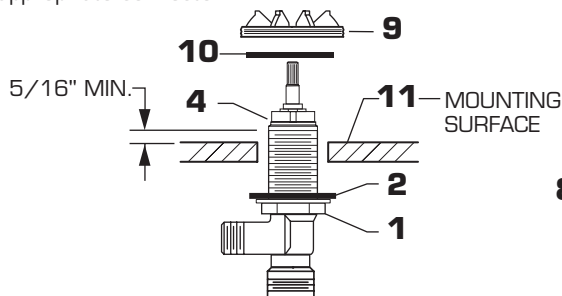


NOTE VALVE inlet is 3/4-inch NPT male.

3

VALVE ASSEMBLY

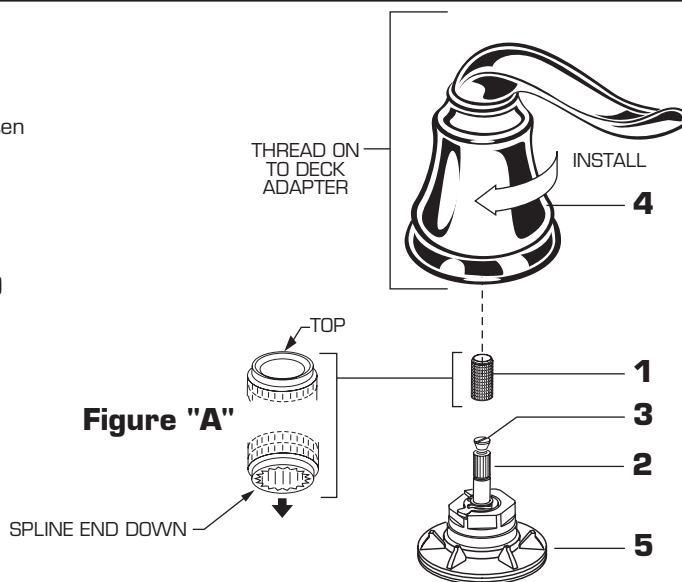
- Install LOCKNUTS (1) and RUBBER WASHERS (2) onto valve shanks.
- Push TUBING (3) ends into VALVE (4) side outlets. Insert VALVES (4) into mounting holes from underside of ledge.
- Press TEE (5) onto SPOUT SHANK (6) making certain that the O-RING (7) is properly seated on SHANK (6). Push COUPLING (8 or 8a) into TEE (5) and attach to SPOUT SHANK (6) and tighten. For 4508.901 use a 10 mm (3/8") hex key.
- Thread of VALVE BODY (4) should extend at least 5/16 inch above MOUNTING SURFACE (11). If necessary, adjust LOCKNUT (1).
- Place RUBBER RING (10) into ESCUTCHEON ADAPTERS (9) and thread onto valves until snug against internal stop.
- Tighten LOCKNUT (1) to secure VALVE (4) position.
- Slide FERRULE (12) and COUPLING NUT (13) to outlet of VALVE (4) and tighten COUPLING NUT (13) firmly.
- Connect HOT water supply to inlet of left VALVE and COLD water supply to inlet of right VALVE using appropriate connector.



4

INSTALL HANDLES

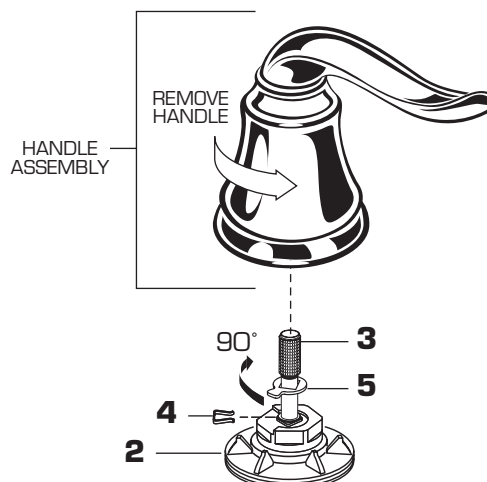
- Push ADAPTER (1) on VALVE STEM (2), so that the hole of the ADAPTER (1) without a spline is facing up. See figure "A". Tighten STEM SCREW (3) to secure ADAPTER (1).
- Find correct position of LEVER HANDLE ASSEMBLY (4) by adjusting male teeth on ADAPTER (1) to female teeth in HANDLE (4).
- Thread LEVER HANDLE ASSEMBLY (4) onto DECK ADAPTER (5) until snug against mounting surface.



5

SERVICE

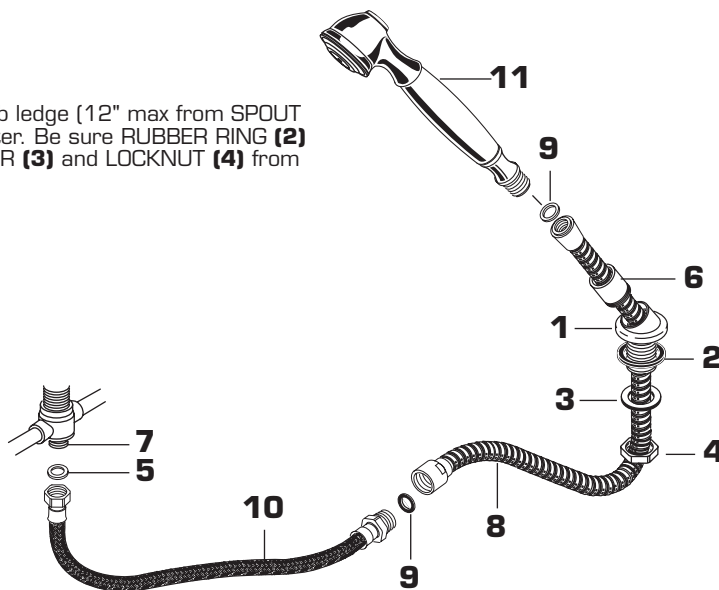
- To change direction of handle rotation, proceed as follows:
 - Turn valve to OFF position. Unthread HANDLE BASE (1) from DECK ADAPTER (2).
 - Pull HANDLE ASSEMBLY off VALVE STEM (3).
 - Remove SPRING CLIP (4). Lift STOP WASHER (5), turn 90° and replace. Replace SPRING CLIP (4).
 - Find correct position of HANDLE ASSEMBLY by adjusting male teeth on VALVE STEM (3) to female teeth in HANDLE.
 - Thread HANDLE ASSEMBLY onto DECK ADAPTER (2) until snug against mounting surface.



6 HANDSHOWER INSTALLATION

- Drop SPRAY ESCUTCHEON (1) through the fourth hole of the tub ledge (12" max from SPOUT center) with SPRAY ESCUTCHEON (1) directed towards tub center. Be sure RUBBER RING (2) is properly seated in ESCUTCHEON (1). Install RUBBER WASHER (3) and LOCKNUT (4) from underside of ledge.
- Secure SPRAY ESCUTCHEON (1) by tightening LOCKNUT (4).
- Add SEAL WASHER (5) and connect HOSE (10) to outlet nipple at the bottom of TEE (7). Tighten firmly.
- Slip SHOWER HOSE (8) with COUPLING NUT through SPRAY HOLDER (6) and ESCUTCHEON (1). [Note: SPRAY HOLDER (6) must be separate from ESCUTCHEON (1) to get HOSE (8) through ESCUTCHEON (1).] Install SEAL (9) and connect both HOSES (8) and (10). INSTALL second SEAL (9) and connect HAND SHOWER (11) to SPRAY HOSE (8).

NOTE When not in use, HANDSHOWER should be seated in the HOLDER.

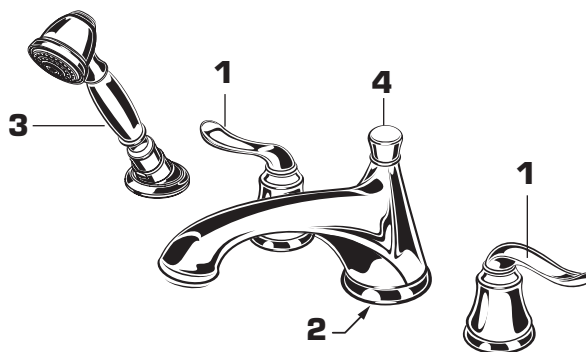


7 TEST INSTALLED FAUCET

- Turn VALVES (1) to "off" position.
- With handles in "off" position, turn on water supplies and check all connections for leaks.
- Operate both handles and flush water lines thoroughly.
- Check SPOUT (2) mounting for leaks.
- Lift HANDSHOWER (3) from holder; direct spray into tub, lift TRANSFER KNOB (4) to check HANDSHOWER (3) and HOSES for leaks.
- Turn VALVES "off."
- If spout drips, operate handles several times from OFF to ON position. Do not force - handles turn only 90°.

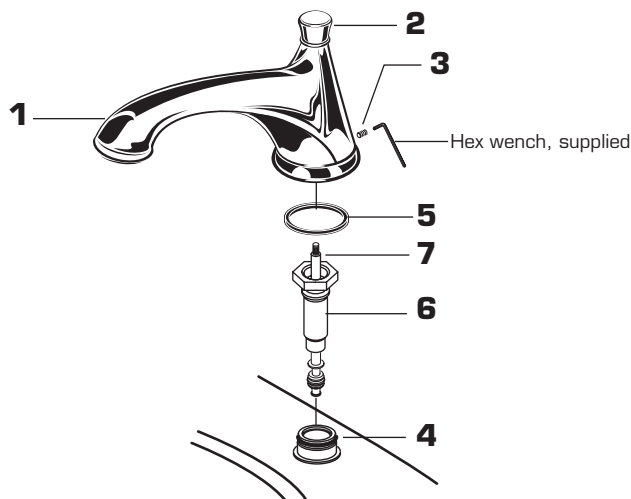
CAUTION

The flow rate of this Tub Filler exceeds 20 gallons/minute at higher water pressure. Do not fill bathtub unattended.



8 Before the bathroom is completely finished, you may want to remove spout, handshower, and handles.

- To remove handles, reverse steps in section 4.
- To remove SPOUT (1), proceed as follows:
 - Lift TRANSFER ROD (7) and unscrew KNOB (2).
 - Remove SET SCREW (3) using 5 mm hex wrench supplied.
 - Lift SPOUT (1) off SHANK (4) carefully and remove RUBBER RING (5).
 - Unscrew SHANK SLEEVE (6) and lift TRANSFER ROD (7) from SHANK (4).
 - Reverse sequence to re-install SPOUT (1). Be sure RUBBER RING (5) is properly seated in its recess at the base of SPOUT (1). Make certain SET SCREW (3) is properly aligned and tight so that SPOUT (1) is locked in place.



9 CARE INSTRUCTIONS:

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.

M968674 Rev. 1.1

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 01-800-639-12-00



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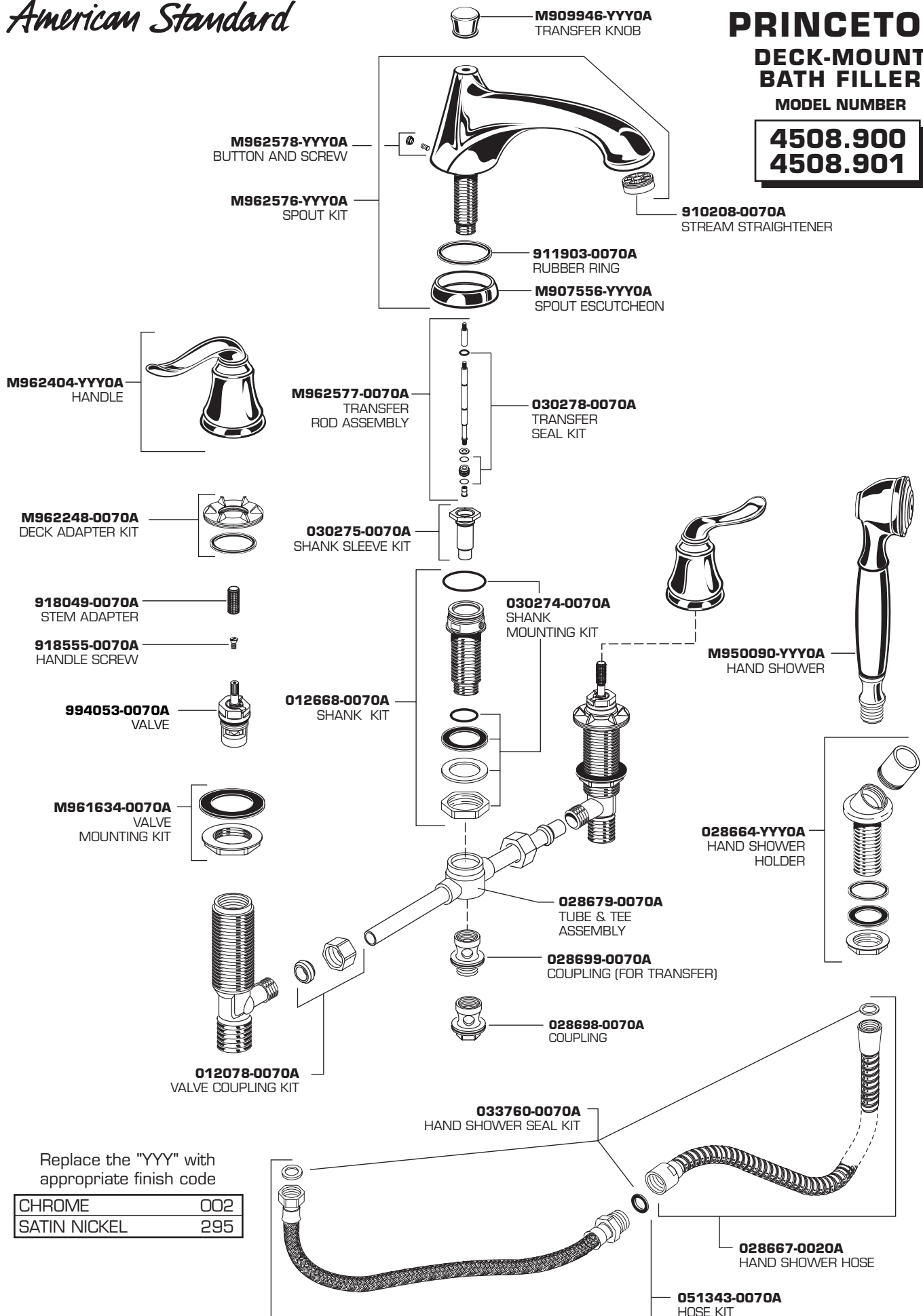
American Standard

PRINCETON

DECK-MOUNT BATH FILLER

MODEL NUMBER

4508.900
4508.901



Replace the "YYY" with appropriate finish code

CHROME	002
SATIN NICKEL	295