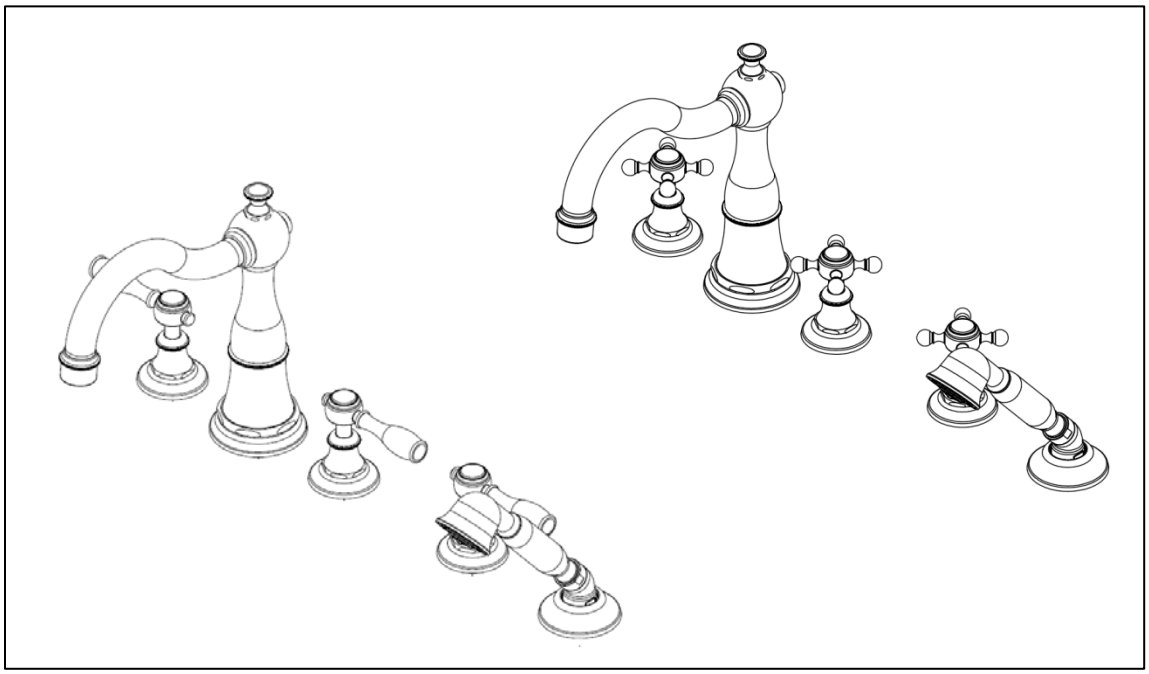
NEWPORT BRASS

Installation Instructions

ROMAN TUB 3 VALVE LONG STEM AND TRIM
Valve Body No. 1-587
Trim Kit for Model No's: 3-1767 & 3-1777



Congratulations on the purchase of this Newport Brass product, an excellent choice, that will give you years of quality service and enhance the look and style of your home.

Rough-In Valve Installation

Recommended Installation by a Professional Plumbing Contractor

Note: Use plumbers tape or equivalent to seal all threaded joints. Plumb with 3/4" copper pipe is recommended.
Warning: To prevent severe damage to valve body, any solder/braze process must be performed a min. of 4" from ports.

1. Install the Deck Flange spout shank (3) through appropriate hole of mounting surface. Secure with WASHER NUT (1A).
2. Place lower WASHER NUT (1B) on VALVE BODY (12). Insert VALVE BODY (12), (blue cold & red hot), through hole from underside of deck.
3. Use upper WASHER NUT (1C) to adjust stem height from finished deck per **Table 1.** Tighten lower WASHER NUT (1B) to secure VALVE BODY (12).
4. Remove UPPER FLANGE NUT (4) and install DIVERTER VALVE (10) from underside of deck. Reattach and bottom out UPPER FLANGE NUT (4) onto DIVERTER VALVE (10). S**ee Figure 1a**.
5. Secure DIVERTER VALVE (10) to deck by tightening LOWER FLANGE NUT (11).
6. Trim DIVERTER STEM (13) to height shown in **Table 1**. Cut ALL THREAD NIPPLE (14) 1/2" shorter than stem
7. Install HAND SHOWER DECK FLANGE (5) housing through hole on finished deck surface, install RUBBER (6) and STEEL WASHER (7) and secure with FLANGE NUT (8).
8. Place plastic HOSE GUIDE (9) onto lower portion of housing HAND SHOWER DECK FLANGE (5).
9. Feed BRAIDED HAND SHOWER HOSE (15) through deck flange and connect female thread hose into the hand shower outlet of DIVERTER VALVE (10) 1/2"-14 NPSM. **See Figure 2**.
10. Use tape or string to temporary tie the male thread end of the BRAIDED HAND SHOWER HOSE (15) to DIVERTER STEM (13) to prevent it from falling underneath the deck.
11. Attach hot/cold supply lines to appropriate VALVE BODY (12). **See Figure 2**.
12. Connect outlet from each VALVE BODY (12) to the two side inlets of the DIVERTER VALVE (10).
13. Connect 3/4" bottom outlet of DIVERTER VALVE (10) to tub spout fitting as shown in **Figure 2**.

Figure 1

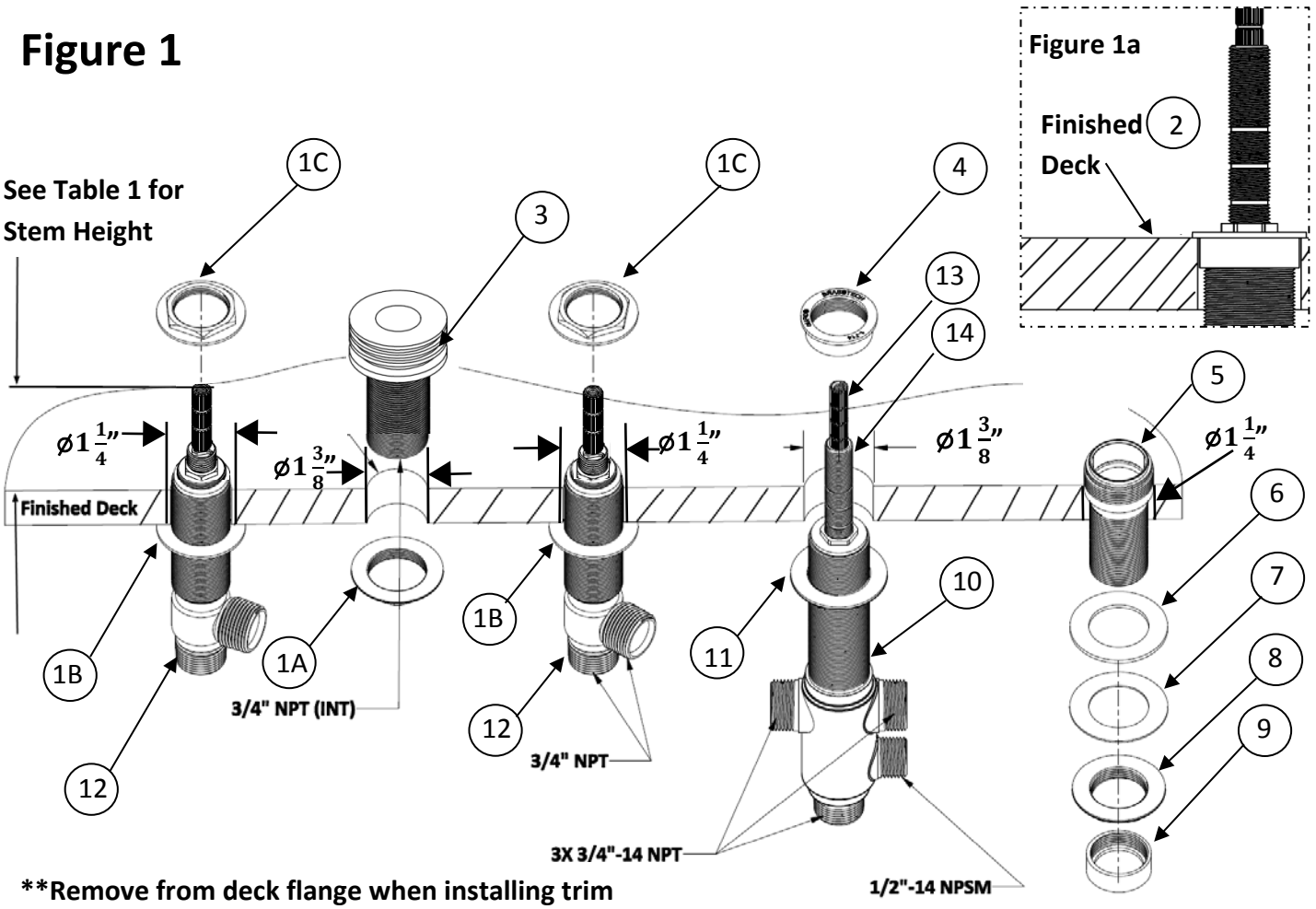
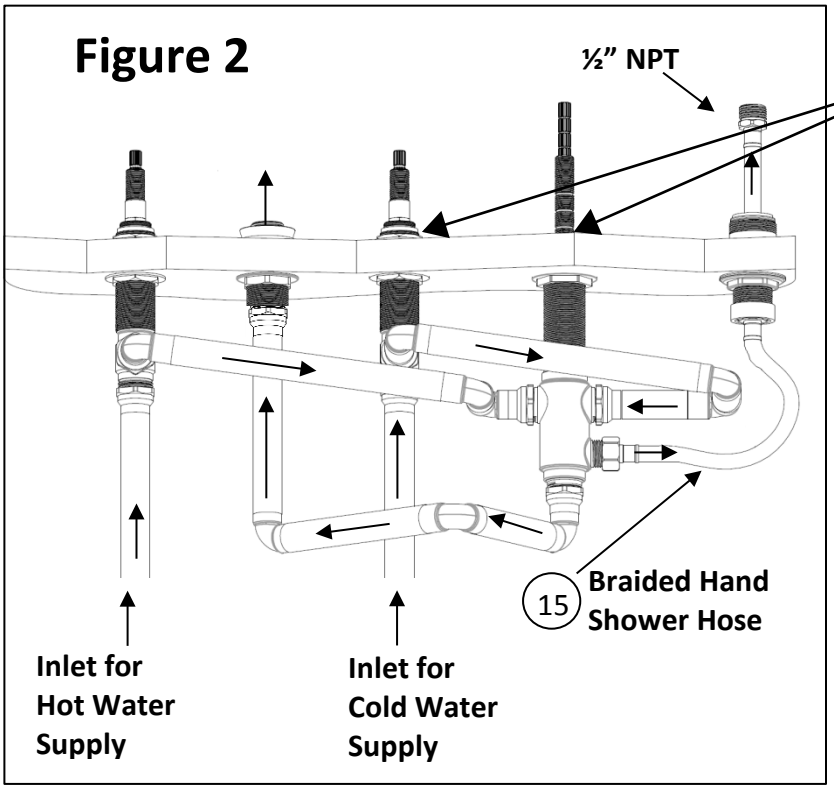


Figure 1a

Figure 2



If cartridge is removed during installation, re-torque clockwise to 11–14 lb-ft using:
+ 5/8 in. socket for hot & cold cartridges
+ 11/16 in. socket for diverter top nut

Rough-In Valve Stem Height Installation Table 1

DIMENSION	2.37	2.20	2.37	2.20	2.00	2.20	2.20	1.50	1.37	2.00	2.00	2.20	1.45	1.50	2.00	1.42	1.25	1.25	1.42	1.37	2.00	2.25	1.37	1.37	1.25	1.25	2.50	1.37
COLLECTION NAME	*ALEXANDRIA	*ALVESTON	*AMISA	*ASTOR	*AYLESBURY	*BEVELLE	*CHESTERFIELD	CLEMENS	DORRANCE	*EAST LINEAR	EAST SQUARE	*FAIRFIELD	GRIFFEY	ITHACA	*JACOBEAN	JOFFREY	KEATON	KIRSI	MALVINA	METRO	*METROPOLE	*MIRO	MUNCY	PARDEES	PAVANI	PRIYA	*SEAPORT	SECANT

Trim Installation

1. Attach handle trim to valve. If needed, swapping the provided handles may help achieve proper handle rotational alignment. If further adjustment is needed, reposition the valve body rather than adjusting the cartridge. (Note: Allow minimum spacing between handles and escutcheon/bonnet to prevent damage to the surface finish.) Secure handles into place with set screw, as applicable. See Figure 3.

2. Slide SPOUT into SPOUT QUICK CONNECT DECK FLANGE (re-grease if necessary). Make sure SPOUT is flush with deck and secure into place with SET SCREW. See Figure 3.

3. Install DECORATIVE DIVERTER RING to THREADED DECK FLANGE. Attach braided hose, from diverter, to hex end of HAND SHOWER DECORATIVE HOSE and attach ELBOW and HAND SHOWER to the other end of hose.

4. Turn on water supply, check for leaks, functions, and make any final adjustments required.

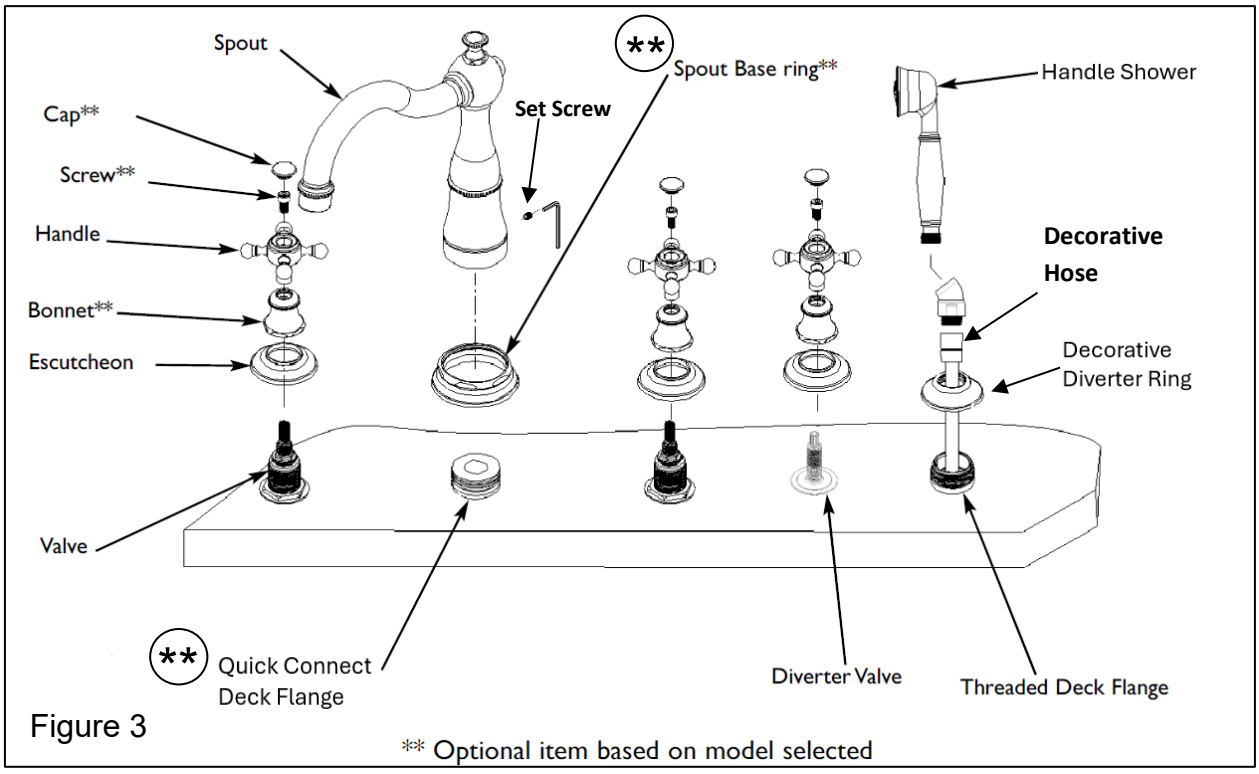


Figure 3

** Optional item based on model selected

Disclaimer Regarding Newport Brass Roman Tub with Hand Spray

To conform to local codes and ordinances, all Newport Brass Roman Tub with hand spray products should be used in concert with an ASSE 1070 approved tempering valve to reduce the hot water supply to a safe temperature not exceeding 110°F (43°C).
Important: Water temperatures in excess 110°F (43°C) are dangerous and may cause scalding, severe injury of death!
Tempering valve should be installed and adjusted by a licensed contractor per the valve manufacturer installation instruction, and in accordance with local codes and ordinances. In general, key characteristics to ensure a tempering valve to work best with Newport Brass Roman Tub with hand spray products shall be as follows:

• Tempering valve should be used prior to the Roman Tub rough-in to reduce the hot water supply to a safe temperature.
• To ensure sufficient water flow through the tub spout, tempering valve should be capable to handle a flow rate of 6 GPM or more.
• Tempering valve should include inlet filter washer and check valves in both the hot and cold water inlets to protect against cross flow.

Pressure - Temperature - Flow Rate

Minimum Operating Pressure:	20 psi [140KPa]
Maximum Operating Pressure:	125 psi [860 KPa]
Maximum Test Pressure:	500 psi [3450 KPa]
Maximum Hot Water Temperature:	180 °F / 80 °C

***Note**: Valve should be installed in a location where it is accessible for cleaning or service. Due to the effects of various water conditions, periodic verification of outlet water temperature is required.

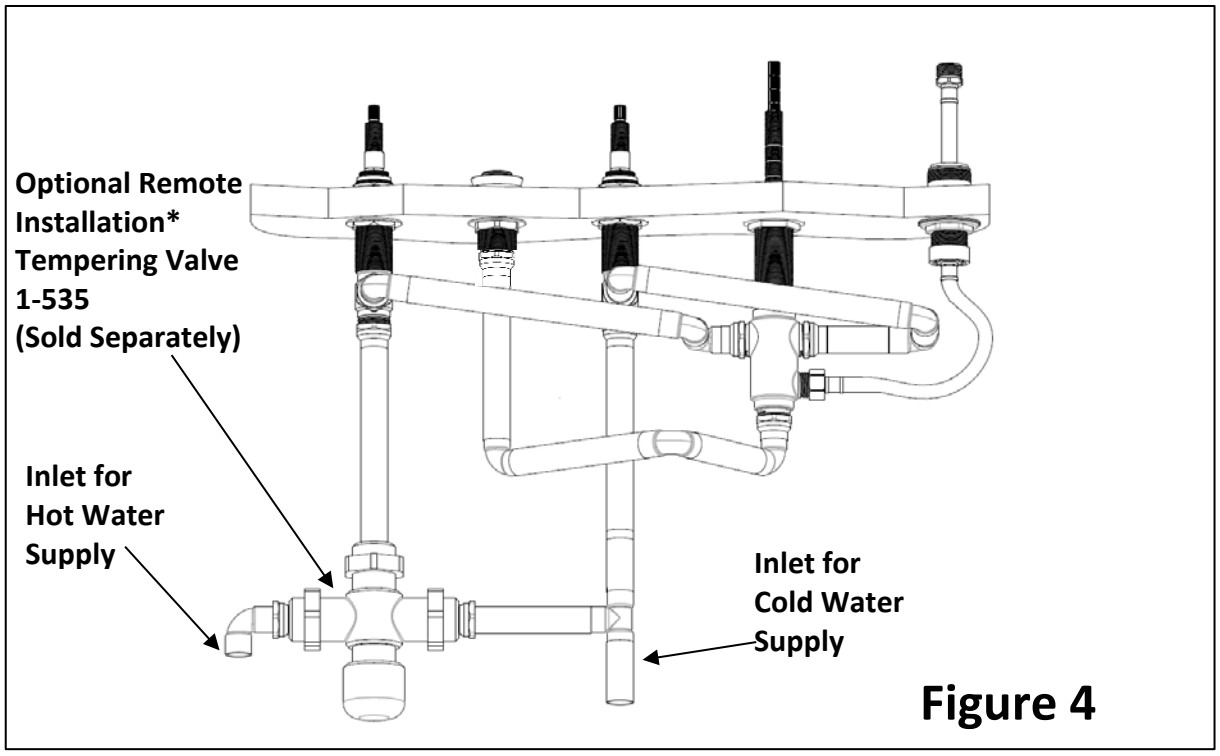


Figure 4