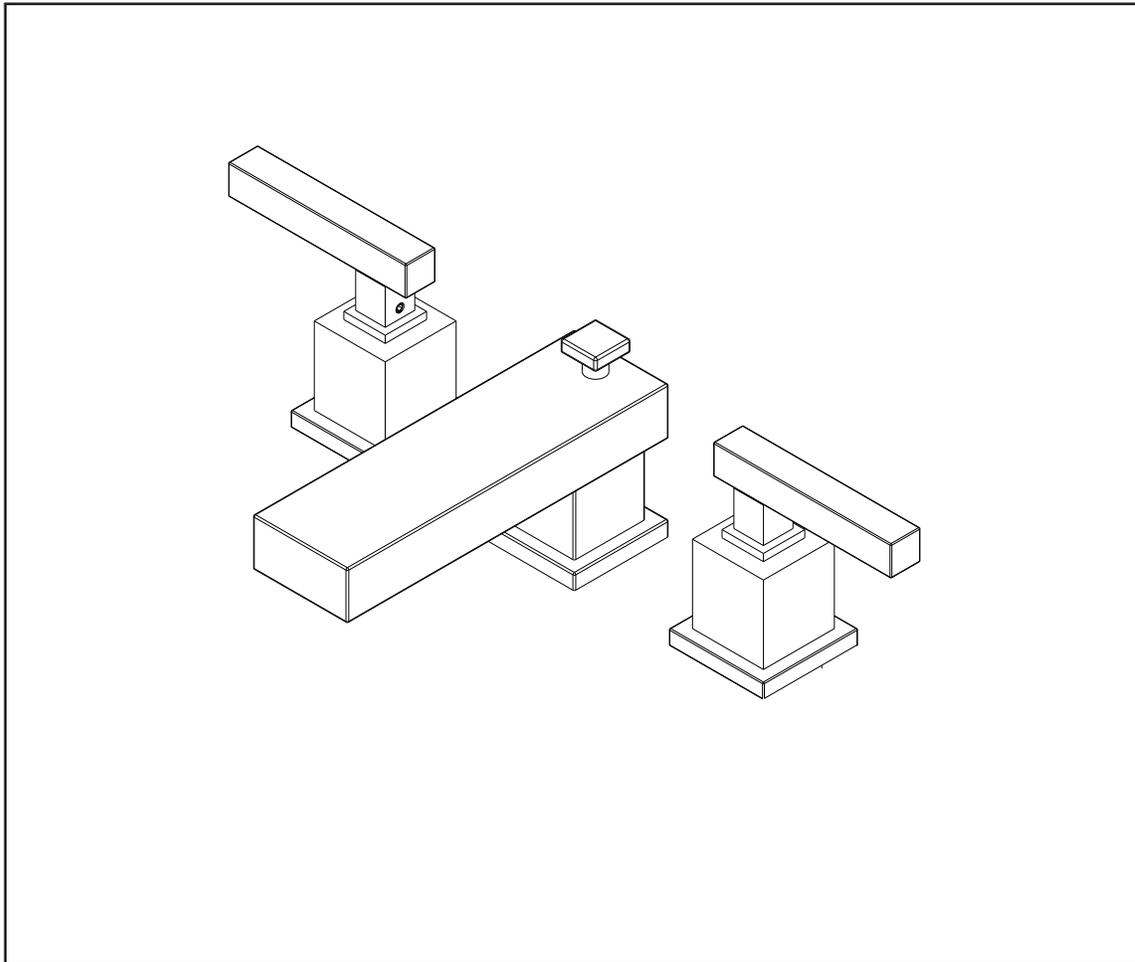


INSTALLATION INSTRUCTIONS
WIDESPREAD LAVATORY SET
Model No: 2020

NEWPORT BRASS
Flawless Beauty. From Faucet to Finish.™



**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.**

Recommended Installation by a Professional Plumbing Contractor

Note: The use of petroleum base plumbers putty on our products will nullify the warranty. We recommend the use of clear silicone sealing materials. Minimum deck thickness is 5/8". Recommended deck hole Ø1.38.

1. Insert SHANK (2) and HOSES (4), one at a time, through base ESCUTCHEON (3), O-RING (7) and sink hole. From underside of sink place mounting BRACKET (5) and mounting NUT (6) onto spout SHANK (2). Align SPOUT (1) and secure into place by tightening mounting NUT (6). See Figure 1.
2. Place the plastic flange NUT (1) and fiber WASHER (2) onto valve BODY (3). Insert valve BODY (3) through sink hole from underside of sink. Thread flange NUT (4) onto upper position of valve BODY (3). Valve BODY (3) should extend 2-9/16" above mounting surface. Secure into place by tightening flange NUT (4) to 20 ft.lbs. See Figure 2.
3. Connect larger coupling NUT (4) to outlet of each valve BODY (3). Hand tighten and secure each connection with a wrench 1/4 turn. Connect water supply to VALVE BODIES(1, 1A) with one of the three following types of risers:
NOTE: SUPPLY RISERS ARE NOT INCLUDED - SOLD SEPARATELY
 - a. 1/2" IPS flexible riser, discard rubber NOSECONE (11), friction WASHER (12) and coupling NUT (13).
 - b. 3/8" or 1/2" O.D. bullnose riser, place friction WASHER (12) and coupling NUT (13) onto bullnose riser.
 - c. 1/2" O.D. copper riser, place coupling NUT (13), friction WASHER (12), and rubber NOSECONE (11) onto end of copper riser. See Figure 3. Use adjustable wrench to tighten connections. Do not over tighten and take care not to kink copper supply when bending. Use a tube bender and cutter to properly adjust copper supply. Turn VALVE STEM (3) to OFF position.
4. Attach ESCUTCHEON (14), BONNET (15) and HANDLE (16) to cartridge. Any adjustments for rotational alignment must be made to the valve body - not to the cartridge. (Note: Allow minimum spacing between HANDLE (16) and BONNET (15) to prevent damage to the surface finish.) Secure HANDLE (16) into place with setscrew. See Figure 4.
5. Remove drain PLUG (17) from FLANGE (18). Place FLANGE (18) and white WASHER (19) through sink drain opening. (Clear silicone may be used in place of white washer.) From bottom side of sink, place cone shaped rubber WASH-ER (20) onto FLANGE (18) and slide up against sink bottom. Note: Cone portion of WASHER (20) to face upward. Next slide on clear flat WASHER (21) and secure with flange NUT (22). Place clear WASHER (23) into drain BODY (24) & tighten to FLANGE (18). Apply thread sealant to TAILPIECE (25) and attach to drain BODY (24). Attach TAIL-PIECE (25) to p-trap drain (not included). See Figure 5.
6. Place drain PLUG (17) into FLANGE (18). Insert pop-up ROD (26) through spout and secure to STRAP (27), approx-imately 1" from end of ROD (26), with SCREW (28). Insert ball ROD (29) into the drain's rod opening, secure with ball rod NUT (30). Adjust the rise of the plunger and CLIP (31) into place. Adjust ball ROD (29) and pop-up ROD (26) so drain will open and close properly. See Figure 6.
7. Remove AERATOR (32) from spout, turn on water supply, and flush both valves until water is clear. Check for leaks and make any final adjustments required. Re-attach AERATOR (32) to the spout.

