

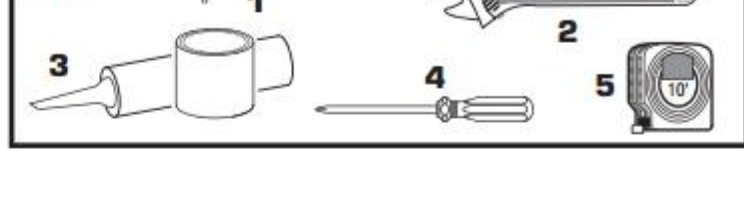
Hugo Hands Free Motion Sensor Faucet



INSTALLATION INSTRUCTIONS

TOOLS REQUIRED; Fig. 2

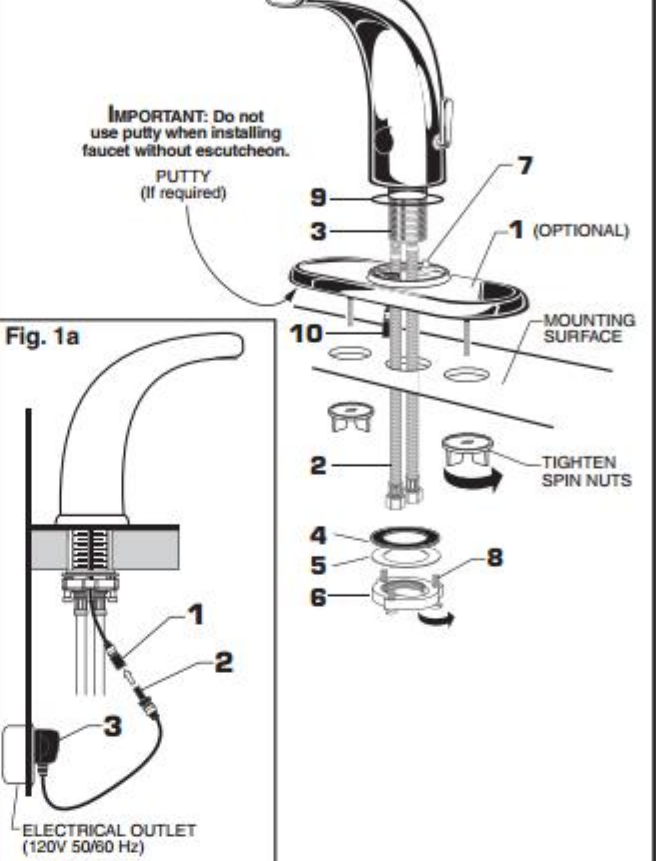
- 1 Hex Wrench (Included)
- 2 Adjustable Wrench
- 3 Plumbers' Putty or Caulking
- 4 Phillips Screwdriver
- 5 Tape Measure



INSTALLATION

1 INSTALL SPOUT ASSEMBLY; Fig. 1

- CAUTION** Turn off hot and cold water supplies before beginning.
- Make sure O-RING SEAL (9) is installed.
 - Installation with ESCUTCHEON (1) (optional). Apply a bead of putty to bottom edge of ESCUTCHEON with PUTTY PLATE (1). (Only if mounting surface is uneven).
 - Insert supply HOSES (2), SHANK (3) and POWER CORD (10) (if equipped) through hole in ESCUTCHEON with PUTTY PLATE (1) and mounting surface. Follow mounting instructions below to secure faucet to mounting surface. (Make sure PIN (7) is in back).
 - Installation less ESCUTCHEON (1). **IMPORTANT: Do not use putty when installing faucet without escutcheon.**
 - Assemble RUBBER WASHER (4), BRASS WASHER (5) and THREADED LOCKNUT (6) onto SHANK (3) from underside of sink or mounting surface. Hand tighten LOCKNUT (6).
 - Use a screwdriver to tighten SCREWS (8) on LOCKNUT (6). Work your way around LOCKNUT (6), tightening the screws slightly each time until all are snug to ensure even pressure.

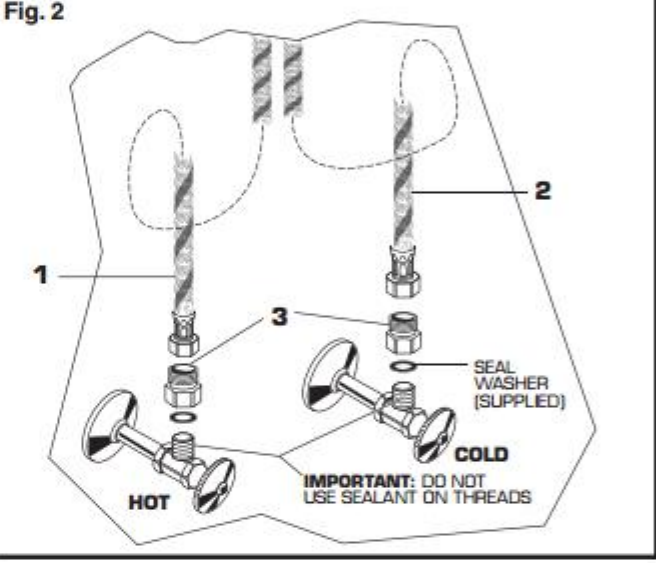


2 CONNECT POWER SUPPLY; Fig. 1a (7056 series only)

- Connect the sensor cable (1) to the POWER SUPPLY CABLE (2).
- Code approved Electrical Outlet provided by others. (120V 50/60 Hz)
- Plug AC POWER SUPPLY (3) into Outlet.

3 MAKE WATER SUPPLY CONNECTIONS; Fig. 2

- Turn off hot and cold water supplies before beginning.
- Connect HOSE ADAPTERS (3) to wall supplies (if required). Connect FLEXIBLE SUPPLIES (1, 2) directly to HOSE ADAPTERS (3).
- Connect left supply (Marked with a Red Stripe) to Hot and right supply (Marked with Blue Stripe) to Cold supply. Use adjustable wrench to tighten connections. Do not over tighten.
- Faucet supplies are 18" long from faucet base.



Note: If additional supply length is required, installer must purchase those parts separately.

4 INSTALL OPTIONAL MIXING VALVE; Fig. 3

Note: For complete detailed installation and operating instructions see installations instructions supplied with mixing valve.



MAINTENANCE

1 HAND WASH SENSOR OPERATION; Fig. 1

REMOVE PROTECTIVE FILM FROM SENSOR EYE WHEN INSTALLATION IS COMPLETE.

When the Sensor detects a user, the water immediately starts to flow. Water flow will stop two seconds after user is out of sensor range. The off delay allows the user to comfortably move his hands without the flow cycling on to off. As a precaution, a safety timer will turn off the water, after the sensor has been blocked for 59 seconds. The water will stay off until the blockage is removed from the detection zone.



Detection Zone: 2" - 10" (50.8mm - 254mm)

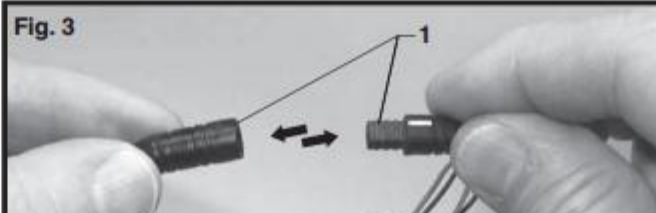
Default: Set at Factory 6" (152.4mm)

2 HOW TO CHANGE SENSOR RANGE; (Factory set at 6") Fig. 2

- Setting the Detection Zone (Distance): Remove the FAUCET COVER (1) by unthreading the LEVER SCREW (2) and pulling off the LEVER HANDLE (3). Unthread the FAUCET COVER SCREW (4) at the back of the FAUCET. Pull FAUCET COVER (1) up and off. Fig. 2.
- Disconnect the BLACK POWER SUPPLY CONNECTOR (1) and reconnect. Fig. 3.
- While the SENSOR CONTROL LED (2) is blinking slowly, place your hand 1 - 2 in. (25.4-50.8mm) in front of the sensor. Fig. 4.
- When the LED stops blinking and stays "ON", move your hand to the desired position and hold in place until the LED begins to blink again. Fig. 4a.
- Once the SENSOR CONTROL LED (2) begins to blink again, remove your hand from the detection zone. When the flashing stops, the detection distance is set.
- Replace FAUCET COVER (1) and LEVER HANDLE (3). Install LEVER HANDLE SCREW (2), FAUCET COVER SCREW (4) and tighten. Fig. 2.



Note: The LEVER HANDLE (3) can be removed to prevent users from adjusting the water temperature. Replace the LEVER HANDLE (3) with PLUG BUTTON (5) as shown. Fig. 2.



3 HOW TO INSTALL AND CHANGE BATTERY; Fig. 5

- Remove the FAUCET COVER (1) by unthreading the LEVER SCREW (2) and pulling off the LEVER HANDLE (3). Unthread the FAUCET COVER SCREW (4) at the back of the FAUCET. Pull FAUCET COVER (1) up and off. See Fig. 2 in this section.
- Remove BATTERY HOLDER (1) from FAUCET BODY (2).
- Remove old battery from the BATTERY HOLDER (1).
- Install NEW BATTERY (3) into the BATTERY HOLDER (1). Replace BATTERY HOLDER (1) into the FAUCET BODY (2).
- Replace FAUCET COVER (1) and LEVER HANDLE (3). Install LEVER HANDLE SCREW (2), FAUCET COVER SCREW (4) and tighten. See Fig. 2 in this section.



4 HOW TO REPLACE SENSOR; Fig. 6, 7, & 8.

- Remove the FAUCET COVER (1) by unthreading the LEVER SCREW (2) and pulling off the LEVER HANDLE (3). Unthread the FAUCET COVER SCREW (4) at the back of the FAUCET. Pull FAUCET COVER (1) up and off. See Fig. 2 in this section.
- Disconnect both WIRE CONNECTIONS. Fig. 6.
- Untighten SENSOR SCREW (1) with a 2.5mm HEX WRENCH. Remove SENSOR ASSEMBLY (2) from FAUCET BODY (3). Remove O-RING (5). Remove SENSOR (2a) from CARRIER (4) and replace with new SENSOR (2a). Replace O-RING (5). Install SENSOR ASSEMBLY (2) into FAUCET BODY (3). Tighten SENSOR SCREW (1). Fig. 7, 8.
- Replace FAUCET COVER (1) and LEVER HANDLE (3). Install LEVER HANDLE SCREW (2), FAUCET COVER SCREW (4) and tighten. See Fig. 2 in this section.



5 HOW TO CLEAN FILTER SCREEN ON SOLENOID VALVE; Fig. 9 & 10

- Remove the FAUCET COVER (1) by unthreading the LEVER SCREW (2) and pulling off the LEVER HANDLE (3). Unthread the FAUCET COVER SCREW (4) at the back of the FAUCET. Pull FAUCET COVER (1) up and off. See Fig. 2 in this section.
- Disconnect WIRE CONNECTION (1) to SOLENOID VALVE (2). Fig. 9.
- Unthread SOLENOID VALVE (2) from VALVE BODY (3). Fig. 9.
- Remove FILTER SCREEN (4) from base of SOLENOID VALVE (2). Rinse clean and remove. Fig. 10.
- Thread SOLENOID VALVE (2) into VALVE BODY (3) and hand tighten. Reconnect WIRE CONNECTION (1). Fig. 9.
- Replace FAUCET COVER (1) and LEVER HANDLE (3). Install LEVER HANDLE SCREW (2), FAUCET COVER SCREW (4) and tighten. See Fig. 2 in this section.



6 HOW TO REPLACE DIVERTER CARTRIDGE; Fig. 11 & 12

- Remove the FAUCET COVER (1) by unthreading the LEVER SCREW (2) and pulling off the LEVER HANDLE (3). Unthread the FAUCET COVER SCREW (4) at the back of the FAUCET. Pull FAUCET COVER (1) up and off. See Fig. 2 in this section.
- Pull out LIMITER STOP (1) from the VALVE STEM (2). Unthread COLLAR NUT (3) from VALVE BODY (4). Fig. 11.
- Pull DIVERTER CARTRIDGE (5) out and replace with new DIVERTER CARTRIDGE (5). **NOTE: Make sure the two ALIGNMENT PINS (6) in the base of the DIVERTER CARTRIDGE (5) are facing upward.**
- Replace FAUCET COVER (1) and LEVER HANDLE (3). Install LEVER HANDLE SCREW (2), FAUCET COVER SCREW (4) and tighten. See Fig. 2 in this section.



7 CHANGE HOT LIMIT SETTING FROM 95% TO 85%; Fig. 13

- Remove the FAUCET COVER (1) by unthreading the LEVER SCREW (2) and pulling off the LEVER HANDLE (3). Unthread the FAUCET COVER SCREW (4) at the back of the FAUCET. Pull FAUCET COVER (1) up and off. See Fig. 2 in this section.
- Replace LEVER HANDLE and rotate counter-clockwise to its stop position (100% cold). Remove HANDLE.
- Pull out LIMITER STOP (1) from the VALVE STEM (2).
- Rotate LIMITER STOP (1) 180 degrees and insert back onto VALVE STEM (2).
- Replace FAUCET COVER (1) and LEVER HANDLE (3). Install LEVER HANDLE SCREW (2), FAUCET COVER SCREW (4) and tighten. See Fig. 2 in this section.



8 GENERAL CLEANING; Fig. 14

- For general cleaning use a damp, soft cloth to clean the spout and the sensor.
- For cleaning dirt use a soft cloth with diluted dish washing detergent. Wipe the area using a wet cloth and dry using a soft cloth.



CAUTION

Do not scratch the sensor when cleaning.

Avoid using anything that may scratch the spout surface. Never use polishing power, detergent or a nylon scrub brush. They will damage the surface of the spout or Sensor.