

Limited Lifetime Faucet Warranty

fluid™ warrants its faucets to be free from defects in material and workmanship for as long as the original consumer purchaser owns his or her home.* This warranty applies only in original installation location. If a defect is found in normal residential use, fluid™ will, at its election, repair, provide a replacement part or product, or make an appropriate adjustment. fluid™ reserves the right to examine the product in question and its installation prior to replacement. This warranty is limited to replacement of defective parts only. Damage to a product caused by accident, improper installation, misuse, or abuse is not covered by this warranty. Improper care and cleaning will void the warranty.** Replacement parts can be obtained from your local dealer or directly from the fluid™ warehouse. Dated proof of purchase must accompany all warranty claims. This warranty applies only to fluid™ faucets installed in the United States of America, Canada or Mexico (North America).

fluid™ recommends using a certified plumber for faucet installation and repair. Incidental and consequential damages, labor charges, repair or replacement costs are expressly excluded. In no event shall the liability of fluid™ exceed the purchase price of the faucet. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights which vary from state/province. If you find any such problem with your product, please immediately contact your nearest fluid™ dealer or sales representative.

fluid |

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Need Help?

For additional assistance or service call
Toll Free: 1 800 460 7019
Fax: 1 604 430 5050
www.fluidfaucets.com

Installation Instructions for Single Lever Roman Tub Set

* Two year warranty on commercial applications.

** Never use cleaners containing abrasive cleansers, ammonia, bleach, acids, waxes, alcohol, solvents or other products not recommended for surface finishes. This will void the warranty.

This faucet meets or exceeds the following standards:

ASME A112.18.1 / CSA B125.1

This product has been tested and certified by IAPMO.



IAPMO LISTED



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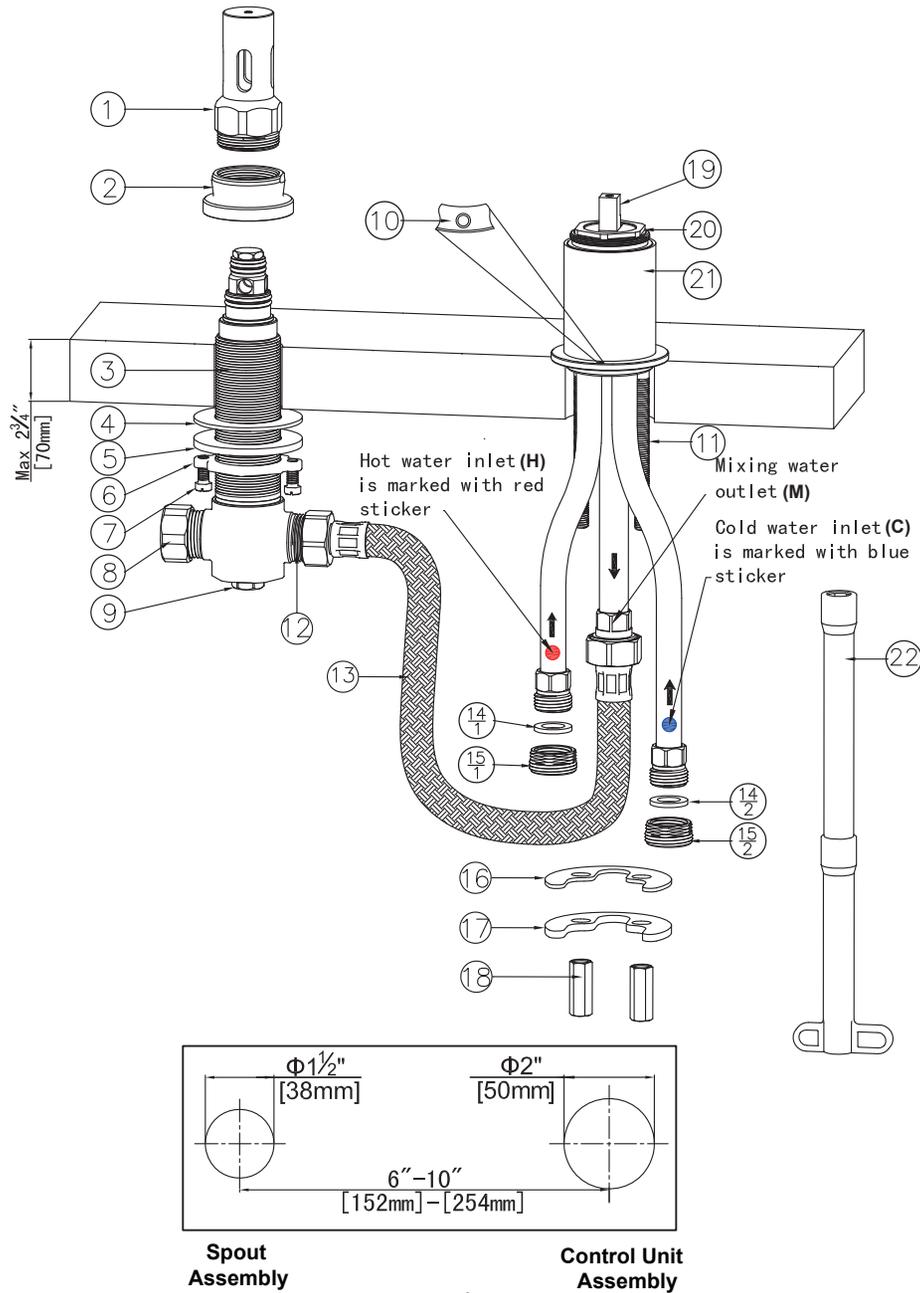
Sustainable Solutions International
Phone: 1 800 460 7019
www.SustainableSolutions.com

Single Lever Roman Tub Set/2013/VO

Please Keep This Manual and Supplied Tools For Future Use

Tools Required for Installation

-  Adjustable Wrench
-  Allen Wrench
-  Soldering Equipment
-  Screw Driver
-  Teflon Tape



Installation Instructions

Single Lever Roman Tub Rough-In F2002B

1. Shut off cold and hot water supply.
2. Before installation, make sure the finished deck thickness is no more than 2-3/4"(70mm).
3. The rough-in may be installed anywhere on the deck. The distance of the center of spout assembly (#3) to the center of control unit assembly (#21) is recommended min 6" (152mm) and max 10"(254mm).
4. On the finished deck, mark rough-in valve installation location. Drill 1-1/2" (38mm) in diameter for spout assembly (#3), and drill 2"(50mm) in diameter for control unit assembly (#21).
5. From underneath the deck, insert spout assembly (#3) through the hole with mounting nut (#6), plate (#5) and gasket (#4) on the spout assembly (#3).
6. From above the deck, hand tighten top nut (#2) onto spout assembly (#3) until it stops.
7. From underneath the deck, hand tighten mounting nut (#6) until it stops. Then tighten locking screws (#7) with a screw driver to secure spout assembly (#3).
8. From above the deck, insert control unit assembly (#21) through the hole.
9. Slide gasket (#16) and plate (#17) over mounting rods (#11), and thread mounting nuts (#18) onto mounting rods (#11).
10. Rotate control unit assembly (#21) until the hole on the flange(#10) points towards tub. Then tighten mounting nuts (#18) with the supplied socket wrench (#22).
11. Connect open port (#12) of spout assembly (#3) and outlet port (M) of control unit assembly (#21) with the supplied 3/4" braided hose (#13). NOTE: The capped port (#8) can be used. NOTE: Make sure braided hose (#13) is free of kinks when it is connected.
12. Connect control unit assembly (#21) to water supplies using proper fittings (flexible hose, copper tubing, iron pipe or PEX -- check local codes for choosing proper connection). (C) is cold inlet port marked with blue sticker and (H) is hot inlet port marked with red sticker.
- 12.1. For 3/4" IPS Thread Connections, apply Teflon tape onto threaded ends (#15) and connect water supply flexible hose or pipe to inlet ports (#15).
- 12.2. For 1/2" Copper Tube Soldering Connections, remove 3/4" connectors (#15) and rubber gasket (#14) and solder water supply tube to inlet ports (C & H). NOTE: Prior to soldering, remove cartridge (#19) by unscrewing retaining nut (#20). Avoid soldering excessively at high temperature.

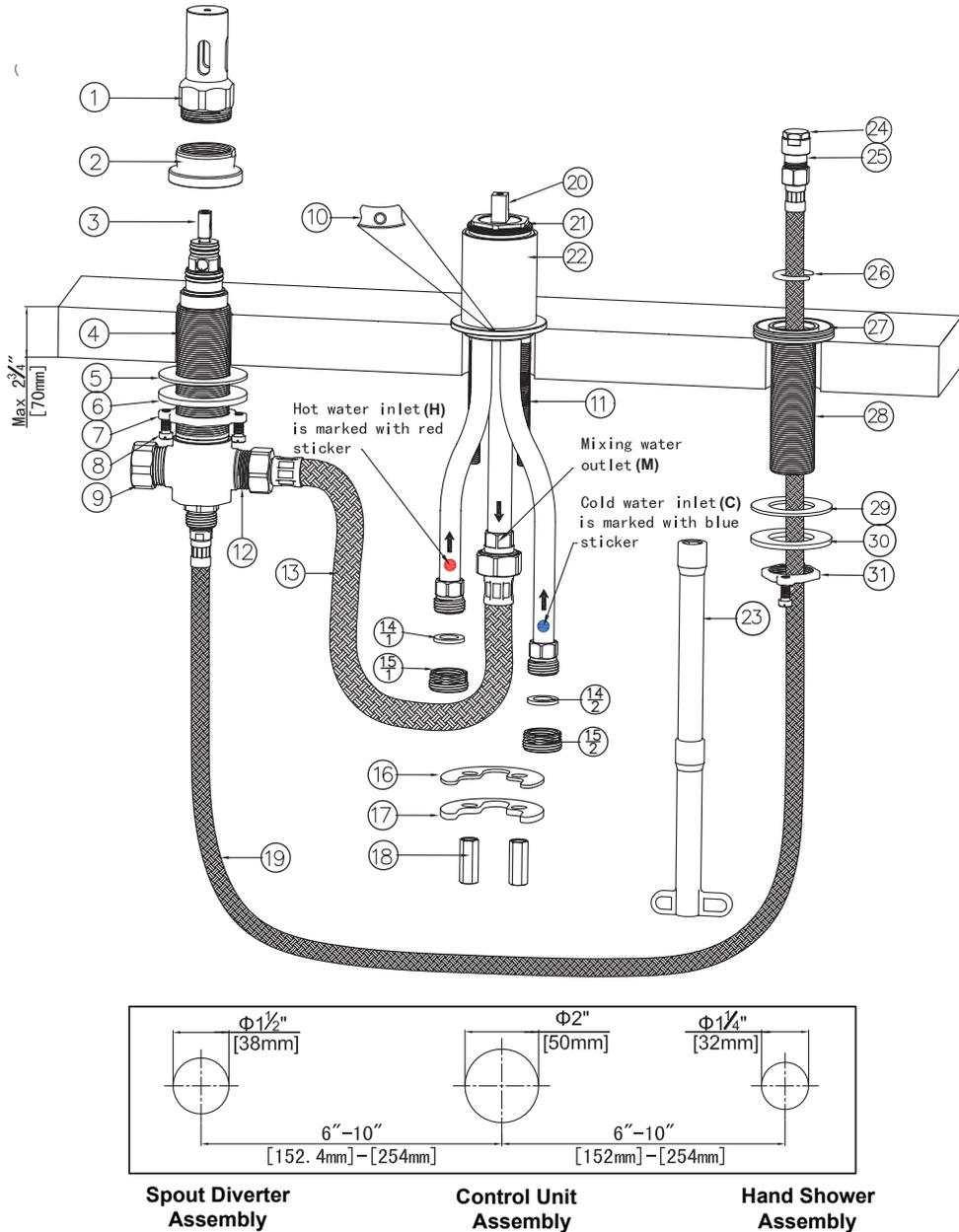
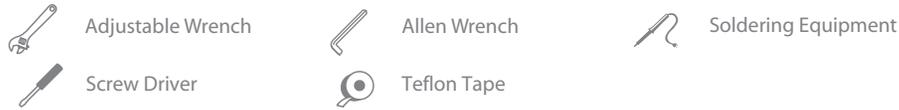
LEAK TEST

1. Push test cap (#1) onto the top of spout assembly (#3) and thread onto top nut (#2) until it stops.
2. Turn on cold and hot water supply lines and inspect all connections for leaks.

Specifications:

Flow Rate	13.5 gpm or 51 L/min at 60 psig
Flow pressure	15-80 psi
Max temperature	176 °F or 80 °C
Inlet connection	3/4" NPT or 1/2"CxC

Tools Required for Installation



Installation Instructions

Single Lever Roman Tub Rough-In with Built-in Diverter F2003B

- Shut off cold and hot water supply.
- Before installation, make sure the finished deck thickness is no more than 2-3/4" (70mm).
- The rough-in may be installed anywhere on the deck. The distance between rough-in is recommended min 6" (152mm) and max 10" (254mm).
- On the finished deck, mark rough-in valve installation location. Drill 1-1/2" (38mm) in diameter for spout diverter assembly (#4), drill 2" (50mm) in diameter for control unit assembly (#22), and drill 1-1/4" (32mm) in diameter for hand shower assembly (#28).
- From underneath the deck, insert spout diverter assembly (#4) through the hole with mounting nut (#7), plate (#6) and gasket (#5) on the spout diverter assembly (#4).
- From above the deck, hand tighten top nut (#2) onto diverter assembly (#4) until it stops.
- From underneath the deck, hand tighten mounting nut (#7) until it stops. Then tighten locking screws (#8) with a screw driver to secure spout diverter assembly (#4).
- Slide mounting gasket (#16) and plate (#17) over mounting rods (#11), and thread mounting nuts (#18) onto mounting rods (#11).
- Rotate control unit assembly (#22) until the hole on the flange (10) points towards tub. Then tighten mounting nuts (#18) with the supplied socket wrench (#23).
- Connect open port (#12) of spout diverter assembly (#4) and outlet port (M) of control unit assembly (#22) with the supplied 3/4" braided hose (#13).
NOTE1: The capped port (#9) can be used.
NOTE2: Make sure braided hose (#13) is free of kinks when it is connected.
- From above the deck, insert hand shower assembly (#28) through the hole.
- From underneath the deck, slide mounting gasket (#29) and plate (#30) onto hand shower assembly (#28). Then tighten mounting nut (#31) by hand until it stops, and tighten locking screws with a screw driver to secure.
- From underneath the deck, insert the capped end (#24) of the braided hose (#19) through hand shower assembly (#28).
- Push plastic clip (#26) onto the braided hose (#19) close to the capped end (#24). Slide down plastic clip (#26) along the braided hose (#19) and ensure that plastic clip (#26) sits inside the groove of hand shower assembly's top flange (#27) to prevent the capped hose end (#24) from dropping to below the finished deck.
- Connect control unit assembly (#22) to water supplies using proper fittings (flexible hose, copper tubing, iron pipe or PEX -- check local codes for proper connection). (C) is cold inlet port marked with blue sticker and (H) is hot inlet port marked with red sticker.
1. For 3/4" IPS Thread Connections, apply Teflon tape onto threaded ends (#15) and connect water supply flexible hose or tube to inlet ports (#15).
NOTE: Prior to soldering, remove cartridge (#20) by unscrewing retaining nut (#21). Avoid soldering excessively at high temperature.
- 1.2. For 1/2" Copper Tube Soldering Connections, remove 3/4" connectors (#15) and gaskets (#14), then solder water supply tube to inlet port (C) and (H).

LEAK TEST

- Push test cap (#1) onto the top of spout diverter assembly (#4) and thread onto top nut (#2) until it stops.
- Make sure braided hose (#19) is capped with a test plug (#24).
- Turn on cold and hot water supply lines and inspect all connections for leaks.

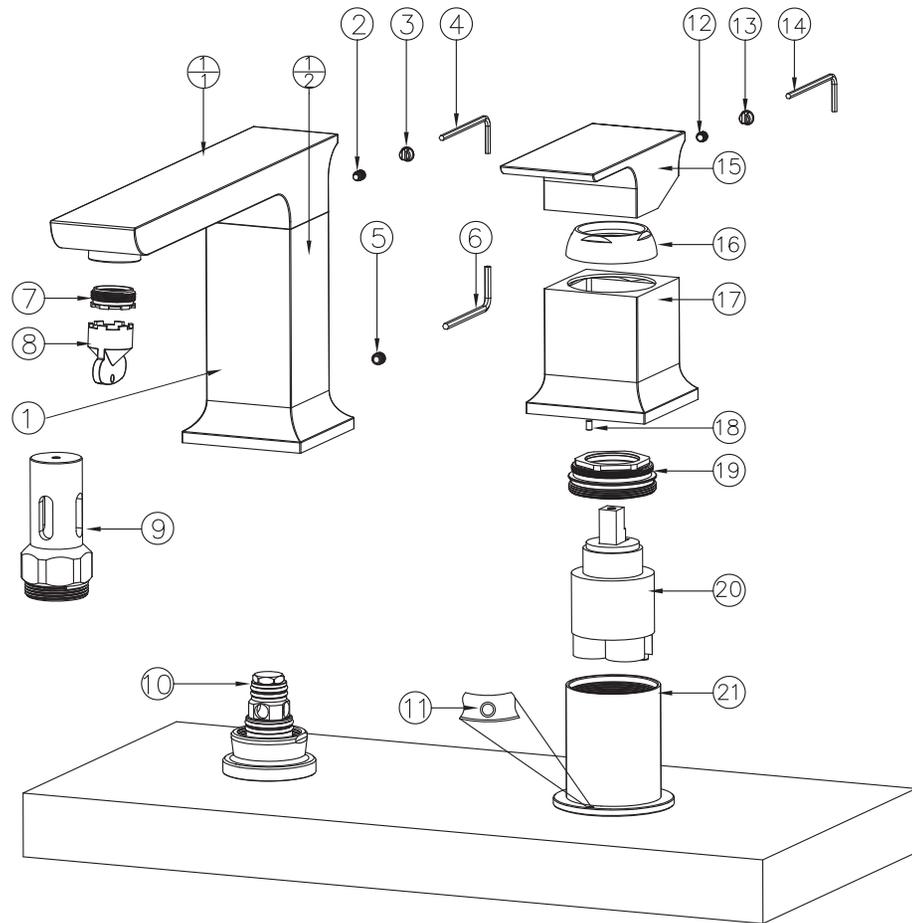
Tools Required for Installation



Allen Wrench



Adjustable Wrench



Installation Instructions

Single Lever Roman Tub Set Trim

1. Remove test plug (#9) by unscrewing from spout assembly unit (#10).
2. Push spout (#1) onto spout assembly (#10) until it stops.
3. At the bottom end of spout (#1-2), tighten set screw (#5) with the supplied Allen wrench (#6).
4. To assemble trim for control unit (#21), with pin (#18) in alignment with hole (#11) on flange, drop sleeve (#17) onto control unit assembly (#21).
5. Thread and tighten decorative ring (#16) onto retaining nut (#19).
6. Place handle (#15) on cartridge stem (#20) and secure it by tightening set screw (#12) with the supplied Allen wrench (#14). Push decorative cap (#13) into hole.

Operation Instructions

1. Handle (#15) is used to open and regulate the water flow rate and temperature.
2. Spout (#1-1) can be swiveled into a desired position by $\pm 70^\circ$ at the pre-assembled factory setting. To fix spout (#1-1) onto its body (#1-2), simply tighten set screw (#2) clockwise with the supplied Allen wrench (#4).
NOTE: Do not loosen set screw (#2) more than 1 turn in order to prevent any water seal breakage.

Care & Maintenance Instructions

SSI products are designed and engineered under strict quality standards. Regular and proper care of our products will ensure years of trouble-free service.

Almost all maintenance work can be carried out above the finished deck.

For Cartridge:

To clean or replace a damaged cartridge, remove handle (#15) by pulling out plug (#13) with a small hook and unscrew cap (#16) by hand and retaining nut (#19) with an adjustable wrench. Pull out the cartridge (#20) and replace with a new cartridge if damaged.

For Swivel Flow Straightener:

Regularly remove flow straightener (#7) with the supplied service key (#8) and wash with clean running water and ensure that any trapped debris has been removed.

For Surface Finish:

To clean, use a soft and damp cloth with warm soapy water followed by rinsing with clean water and drying with a soft cloth. Do not use abrasive or harsh cleaners as they may result in finish damage.

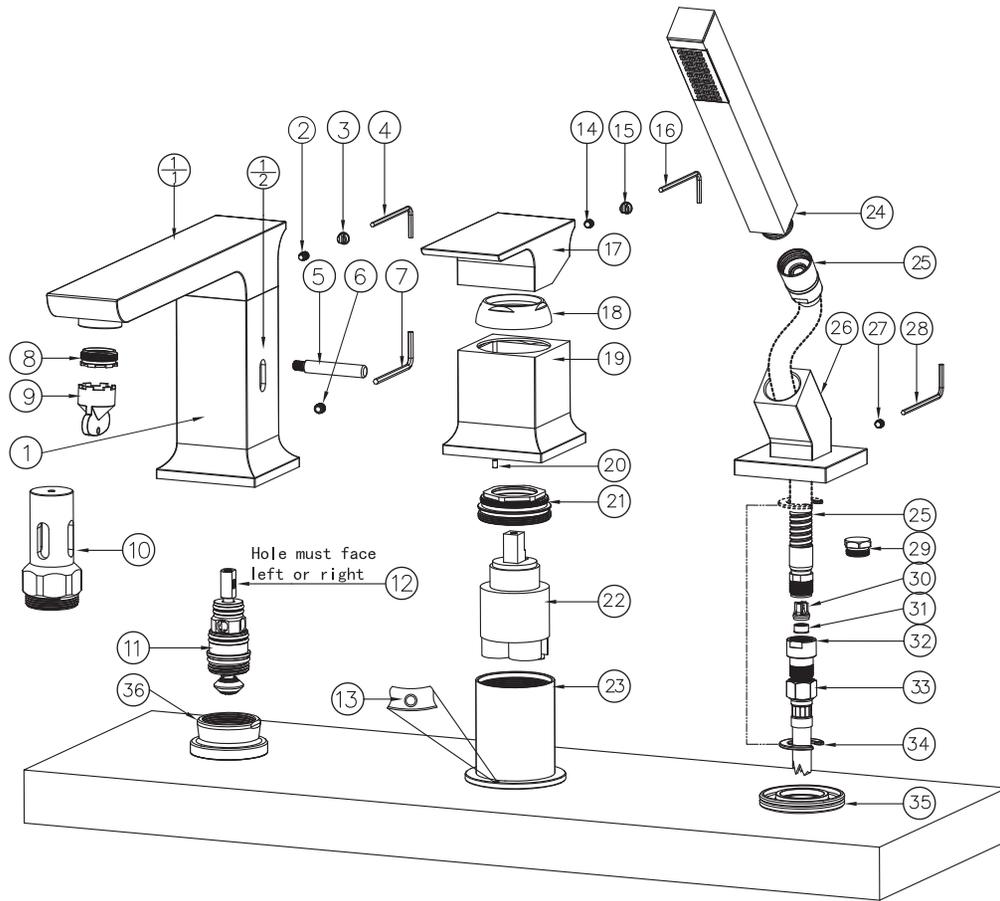
Tools Required for Installation



Allen Wrench



Adjustable Wrench



Operation Instructions

1. Handle (#17) is used to open and regulate the water flow rate and temperature.
2. Open handle (#17) and water flows out of spout (#1). Lifting diverter rod (#5) causes water flow out of hand shower (#24). Pressing down on diverter rod (#5) causes water flow out of spout (#1) again.
Note: Open handle (#17) and water always starts flowing out of spout (#1).
3. Spout (#1-1) can be swiveled into a desired position by $\pm 70^\circ$ at the pre-assembled factory setting. To fix spout (#1-1) onto its body (#1-2), simply tighten set screw (#2) clockwise with supplied Allen wrench (#4).
NOTE: Do not loosen set screw (#2) more than 1 turn in order to prevent any water seal breakage.

Installation Instructions

Single Lever Roman Tub Set Trim with Hand Shower

1. Remove test plug (#10) by unscrewing from spout diverter assembly (#36) and test cap (29) from braided hose connector (#32).
2. Turn around diverter stem (#12) and ensure its hole faces left or right.
3. Push spout (#1) onto spout diverter assembly (#36) until it stops.
4. Through open slot in spout (#1-2), insert diverter rod (#5) into hole in diverter stem (#12), then tighten by hand.
5. At the bottom end of spout (#1-2), tighten set screw (#6) with the supplied Allen wrench (#7).
6. To assemble trim for control unit (#23), with pin (#20) in alignment with hole (#13) on flange, drop sleeve (#19) onto control unit assembly (#23).
7. Thread and tighten decorative ring (#18) onto retaining nut (#21).
8. Place handle (#17) on cartridge stem (#22) and secure it by tightening set screw (#14) with the supplied Allen wrench (#16). Push decorative cap (#15) into hole.
9. Insert shower hose (#25) through elbow (#26) until conical nut (#25) sits inside elbow (#26).
10. Connect shower hose (#25) to braided hose connector (#32) by tightening the swivel nut at the end of shower hose (#25).
11. Pull out plastic clip (#34) from braided hose (#33), move it up and push onto the part of shower hose (#25) underneath elbow (#26).
12. Carefully drop elbow (#26) along with shower hose (#25) and ensure plastic clip (#34) sits inside the groove in the flange (#35) in order to prevent braided hose (#33) from dropping below the mounting deck.
13. Place elbow (#26) over flange (#35) and secure it with set screw (#27) with an Allen wrench (#28).
14. Screw hand shower (#24) into conical nut (#25).

Care & Maintenance Instructions

SSI products are designed and engineered under strict quality standards. Regular and proper care of our products will ensure years of trouble-free service.

Almost all maintenance work can be carried out above the finished deck.

For Cartridge:

To clean or replace a damaged cartridge, remove handle (#17) by pulling out plug (#15) with a small hook and unscrewing cap (#18) by hand and retaining nut (#21) with an adjustable wrench. Pull out the cartridge (#22) and replace with a new cartridge if damaged.

For Diverter:

Loosen set screw (#6) with supplied Allen wrench (#7) and pull spout (#1) up to expose diverter (#11). Use an adjustable wrench to hold top nut (#36) in place and use another adjustable wrench to clamp onto flat spots of diverter (#11) and turn counter-clockwise to loosen diverter (#11). Replace diverter if damaged.

For Swivel Flow Straightener:

Regularly remove flow straightener (#8) with the supplied service key (#9) and wash with clean running water and ensure that any trapped debris has been removed.

For Flow Restrictor and Check Valve:

After removing hand shower (#24), loosen set screw (#27) with supplied Allen wrench (#28) and lift up elbow (#26). Pull up shower hose (#25) until braided hose (#33) comes up above the deck. Move plastic clip (#34) from shower hose (#25) down to braided hose (#33). After ensuring plastic clip (#34) holds up braided hose (#33) above the deck, unscrew and remove connector (#32) and use a small hook to remove flow restrictor (#31) and check valve (#30) for inspection and replacement if damaged.

For Surface Finish:

To clean, use a soft and damp cloth with warm soapy water followed by rinsing with clean water and drying with a soft cloth. Do not use abrasive or harsh cleaners as they may result in finish damage.

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