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STHK595 Powers* 900* Cartridge 900-031*

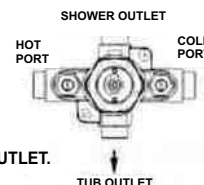
Installation Instructions

GENERAL INSTRUCTIONS

- 1) TURN OFF WATER TO VALVE OR TURN OFF INTEGRAL STOP IF VALVE SO EQUIPPED.
- 2) TURN ON VALVE ALLOWING WATER TO DRAIN OUT.
- 3) REMOVE HANDLE AND COVER PLATE, EXPOSING VALVE BODY.
- 4) REMOVE RETAINING NUTS AND LIMIT STOPS
- 5) UNSCREW AND/OR PULL OUT UPPER CARTRIDGE ASSEMBLY.
- 6) PULL OUT LOWER CARTRIDGE ASSEMBLY USING PULLER TOOL (IF PROVIDED)
- 7) CLEAN BODY AND ALL SEAL SURFACES THOROUGHLY.
- 8) REINSTALL IN REVERSE ORDER, USING NEW PARTS PROVIDED
NOTE: SOME KITS CONTAIN PARTS FOR MORE THAN ONE MODEL. DISCARD AS APPROPRIATE.
- 9) TIGHTEN ALL SCREWS AND FITTINGS BUT DO NOT OVER TIGHTEN.
- 10) TURN ON WATER AND TEST.
- 11) FOR ERRATIC SHOWER SPRAY, CLEAN OR REPLACE SHOWER HEAD.
- 12) SEE BELOW FOR MORE DETAILS.

Figure 1: Stem Position Information

FOR REVERSED INLETS
COLD WATER
INTO
HOT PORT:

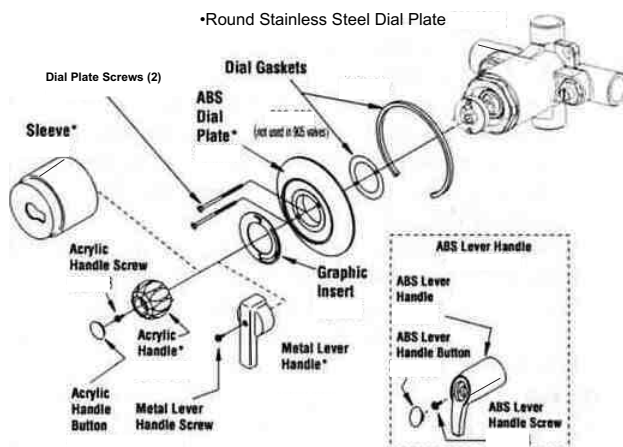


1. "TOP" STAMPED ON STEM FACES TUB OUTLET.
2. FLATS ON STEM MUST FACE TOP AND BOTTOM OUTLETS.

FOR STANDARD INLETS
COLD WATER
INTO
COLD PORT:

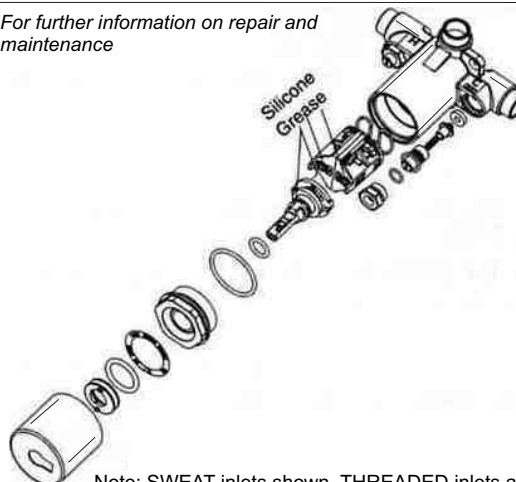
1. "TOP" STAMPED ON STEM FACES TUB OUTLET.
2. FLATS ON STEM MUST FACE TOP AND BOTTOM OUTLETS.

Figure 2



REPAIR KITS

For further information on repair and maintenance



Note: SWEAT inlets shown. THREADED inlets also available.

Note: For valves sold without checkstops, it is recommended that the valve be installed where there is shut-off upstream of the valve, so that the valve may be easily serviced and accessed. If this is not possible, the valve should include a shutoff or combination checkstop/shutoff on the inlets.

Description	Troubleshooting
Gasket and Disc Replacement	<ul style="list-style-type: none"> * Water leaks at valve stem and/or bonnet. * Water leaks at valve shut-off. * Water leaks at checkstop.
Internals Replacement	* With mixer handle in MID position, HW flows with CW checkstop closed or CW flows with HW checkstop closed.
Checkstop Replacement	* Checkstop will not completely shut off.

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