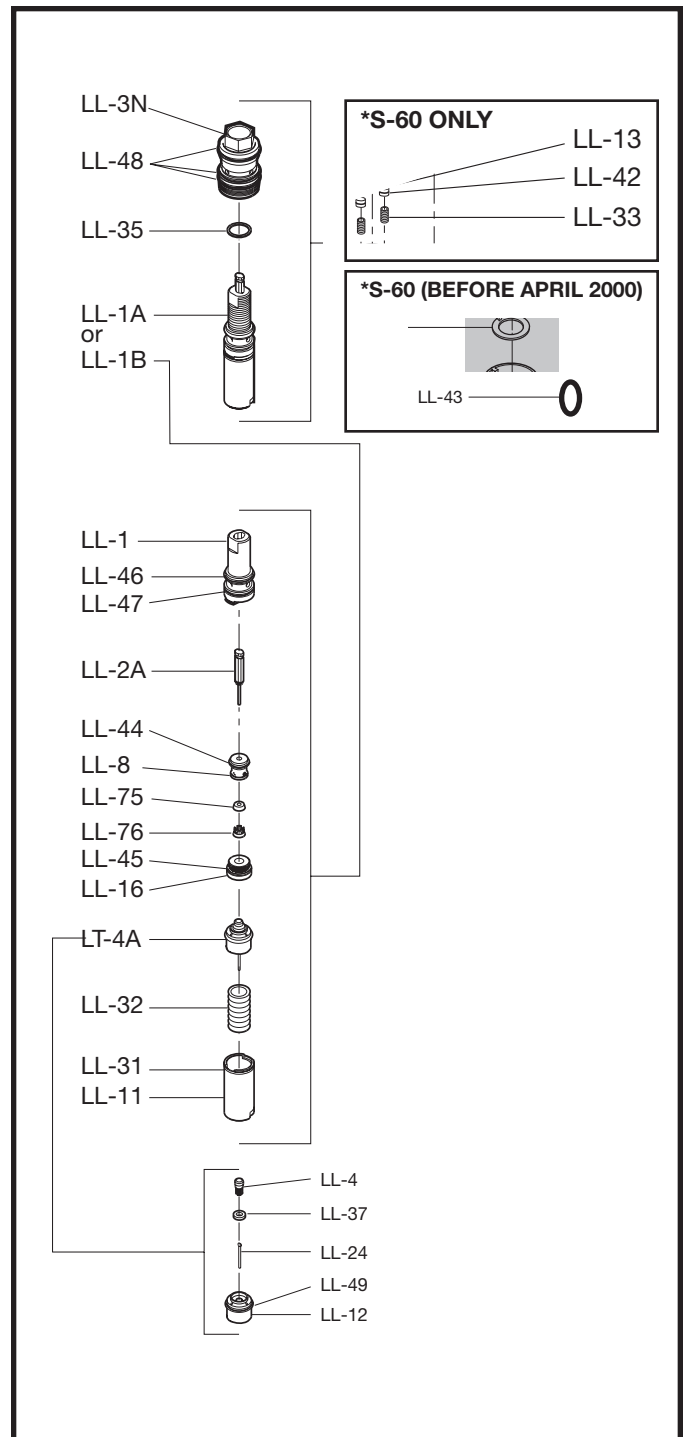


Lavatory Faucet Repair KIT-LL Instructions

1. Ordinary service requires only the replacement of the piston assembly (LT-4A) and spring (LL-32). Repair KIT-LL allows for the complete rebuilding of the o-rings and seals for the SCOT/Metering faucet control cartridge (LL-1A or LL-1B).
2. After removing the control cartridge from the faucet, push the control cartridge (LL-1A or LL-1B) down through the control housing (LL-3N) and set aside the control housing. Discard old thrush washer (LL-35). Pry open the retaining ring (LL-31) of the cartridge using a small screwdriver or knife blade, separating the cartridge into upper and lower sections. Set aside the upper section. Discard old retaining ring (LL-31) and slide new ring onto piston cylinder (LL-11) just below recessed notch.
3. Remove the piston assembly (LT-4A) from the piston cylinder (LL-11) of the lower section of the control cartridge. Leave the piston spring (LL-32) in the cylinder for later re-use. With needle-nose pliers, unthread the piston washer retainer screw (LL-4). Remove the shutoff washer (LL-37), control rod (LL-24) and piston o-ring (LL-49). Replace with new parts from KIT-LL and reassemble in reverse order, placing rebuilt piston assembly (LT-4A) in piston cylinder (LL-11) on top of the piston spring (LL-32). Set aside rebuilt lower section.
4. From the upper section remove the shut off seat (LL-16) at the bottom of the control cartridge by unthreading with pliers. Push spindle (LL-2A) downward removing the huva cup retainer (LL-76), spindle guide huva cup (LL-75), spindle guide and o-ring (LL-8 and LL-44). Remove large o-ring (LL-47) and small o-ring (LL-46) from control spindle. Replace with new internal parts and re-assemble in reverse order hand threading shut off seat (LL-16) into control cartridge upper housing to secure parts. Replace large o-ring (LL-47) and small o-ring (LL-46) on outside of control spindle (LL-1).
5. Reassemble upper and lower sections in an upright position on a flat surface by aligning red marked sections of the control cartridge. Carefully compress upper and lower sections until they meet and slide clip (LL-31) up piston cylinder (LL-11) until it snaps into place in the recessed notch. Replace thrust washer (LL-35) on top shoulder of control cartridge.
6. Remove and replace 3 upper housing o-rings (LL-48) on upper housing (LL-3N) Slide upper housing over control cartridge (LL-1A or LL-1B).
- 7.* For S-60 series faucets only. Remove 2 inlet seats (LL-13) and inlet seat springs (LL-33) from inside base of faucet with needle-nose pliers and replace with springs (LL-33) and seat o-rings (LL-42). For S-60 series faucets only installed prior to April 2000, if equipped with plastic spout assembly, remove and replace spout o-ring (LL-43) and wear barrier (LL-73) and replace with new part lining up



with notch in the faucet housing before completing faucet re-assembly.

8. Rebuilt cartridge assembly can now be reinstalled in faucet reversing the removal procedure (see applicable faucet Installation, Operation and Service Instructions).