

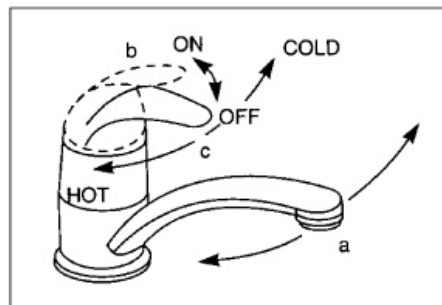
REICH MICROSWITCH TAPS

The micro switch taps are used when the water supply is not pressurised.

When the tap is turned on the micro switch (which is fitted inside the tap) activates the pump to supply water.

Operation

Swivel the tap spout (a) to the desired position over the sink, lift the control lever (b) to activate the pump and allow water to flow simultaneously. To adjust the temperature swivel the lever (c) to the left or right as shown opposite.



Note: Before commencing microswitch replacement ensure instructions are read through thoroughly. The entire process can be completed without the need to remove the tap from the worktop.

Before you Start

1. Ensure pump is isolated.
2. Position lever in central, i.e. mixer, off location.

REICH TWIST SINGLE LEVER MIXER TAP

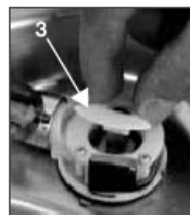
Exchange of the ceramic cartridge/ micro switch

1. Detach cover (1) carefully. If the cover is damaged use spare part no.: 240-054312 (red cover) and 240-054313 (blue cover).
2. Loosen screw inside the handle.
3. Detach the handle (2).



4. Detach the housing carefully.

5. Detach the plastic part (3) from the cartridge lever.
6. Loosen screws with screwdriver (Tor® TX6).
7. Detach the plastic ring.
8. Pull out the ceramic cartridge (4).
9. If the cartridge is defect:
 - Install a new ceramic cartridge, part no.: 240-0552M
 - Make sure that the cartridge is in the right position.

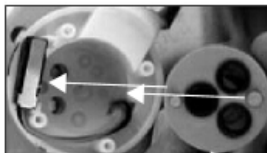


10. If the microswitch (5) is defect:
 - Pull the wire out of the mixer
 - Install a new microswitch, part no.: 240-06220M.



Services

11. Install cartridge, plastic parts, housing and handle in the opposite way.



Maintenance

To prevent your single mixer tap TWIST from being impacted by frost, always drain the tap in the middle position of the handle.



The middle position of the handle is marked by an arrow!

REICH KAMA SINGLE LEVER MIXER TAP

Exchange of the ceramic cartridge/ micro switch

1. Detach cover (1) carefully. If the cover is damaged use spare part no.: 240-059512 (red cover) and 240-059513 (blue cover).



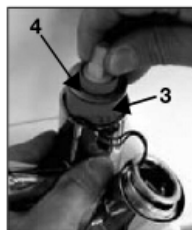
2. Loosen screw inside the handle.
3. Detach the handle (2).
4. Turn out the rosette.

5. Turn out the brass nut with spanner.



6. Pull out the ceramic cartridge (3).

7. If the cartridge is defect:
 - Remove the brass ring (4) from the top of the cartridge
 - Install a new ceramic cartridge, part no.: 240-0528M
 - Make sure that the cartridge is in the right position.



8. If the microswitch is defect:
 - Pull the wire out of the mixer
 - Install a new microswitch, part no.: 240-06220M.

9. Install ceramic cartridge, brass ring, brass nut, rosette and handle in the opposite way.



Maintenance

To prevent your single mixer tap KAMA from being impacted by frost, always drain the tap in the middle position of the handle.

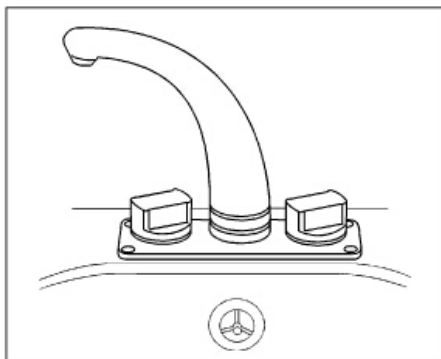
The middle position of the handle is marked by an arrow!



WHALE 'ELEGANCE' MICROSWITCH MIXER TAPS

The microswitch taps are used when the water supply is not pressurised.

When the tap is turned on, the microswitch (which is fitted inside the tap), activates the pump to supply water.



Operation

Swivel the tap spout to the required position over the sink and turn on either the hot or cold tap to activate the pump and allow water to flow. To adjust the water temperature, open both taps to the required mix.

Cleaning

It is recommended that a non-abrasive damp cloth is used for cleaning the Elegance tap.

Microswitch replacement

Before you start:

- Ensure the pump is isolated.
 - Ensure the taps are in the OFF position.
1. Remove the crimp terminals.
 2. Hold the sides of the microswitch clip with your thumb and finger and gently pull off the clip.
 3. The microswitch should slide off the two retaining pins. Be careful not to break the pins off (see fig. 1).
 4. Replace in the reverse order.

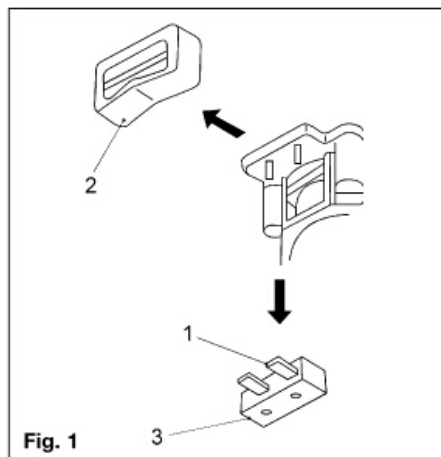


Fig. 1

Dismantling the taps for maintenance

1. Pull off knob(s) and spindle(s).
2. Unscrew securing screw(s), using a 17mm (11/16") spanner.
3. Control unit(s) can now be released for inspection (see fig. 2).

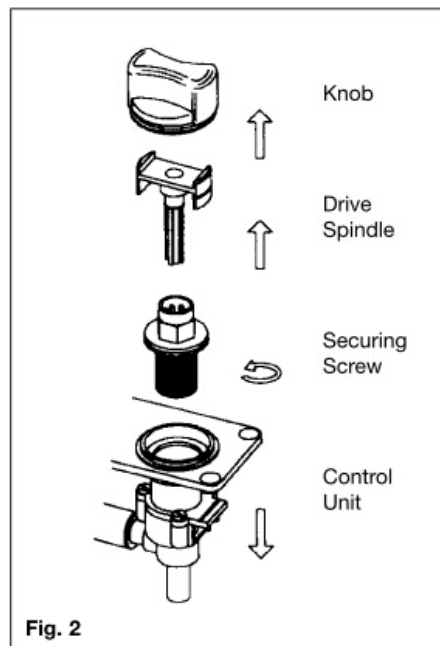


Fig. 2



Services

WINTERISING

To avoid damage as a result of freezing, drain the entire water system. To protect Elegance Tap or Shower units, the tap control(s) and the shower handset on/off control should be opened when draining the system to enable stored water in the outlet to drain back through the control valves and out of the system (switch off pump at isolator). Ensure that both the hot and cold systems are fully drained, the cold drain plug is a separate drain plug from the heater drain plug. Tap spouts and shower heads should be unscrewed, removed and stored in a dry place. Please consult your dealer if in difficulty. If they are unable to solve the problem, contact Whale Customer Services on 01247 270531 ext. 211 or 213.

WHALE 'ELITE' MICROSWITCH TAPS

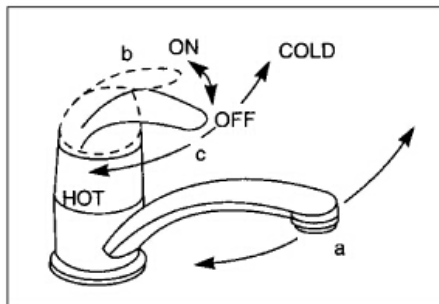
The micro switch taps are used when the water supply is not pressurised.

When the tap is turned on the micro switch (which is fitted inside the tap) activates the pump to supply water.

Operation

Swivel the tap spout (a) to the desired position over the sink, lift the control lever (b) to activate the pump and allow water to flow simultaneously. To adjust the temperature

swivel the lever (c) to the left or right as shown below.



Cleaning

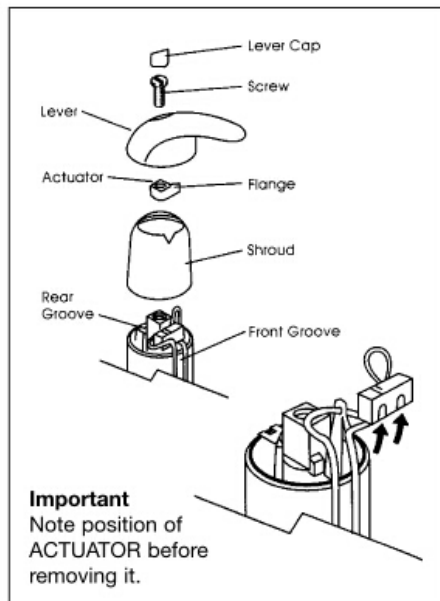
It is recommended that a non-abrasive damp cloth is used for cleaning the Elite Tap/Shower.

Microswitch Replacement: A microswitch replacement kit is available (ref. MT8000).

Note: Before commencing microswitch replacement ensure instructions are read through thoroughly. The entire process can be completed without the need to remove the tap from the worktop.

Before you Start

1. Ensure pump is isolated.
2. Position lever in central, i.e. mixer, off location.



Microswitch Replacement

1. Carefully remove lever cap. A recess at the back of the lever cap is provided to assist with this.
2. Remove screw with No. 2 Pozzi screwdriver. Note the position of the lever at this stage.
3. Lift off the lever.

4. Note the position of actuator before removal. Flange should be facing forward.
5. Remove actuator.
6. To remove shroud, squeeze clips with one hand and slide shroud off with other hand.
7. Remove microswitch, using finger and thumb, pull up and outwards.
8. Slide wire terminals off microswitch.
9. Attach replacement microswitch and relocate. Note: Ensure microswitch snaps fully home.
10. Before relocating shroud ensure wires are neatly located in the front groove as shown.
11. Replace shroud. **Note:** Ensure shroud locating rib is aligned with the rear groove of tap and snap fully home, ensuring clips are retaining the shroud.
12. Replace actuator in position noted in 4 above.
13. Replace lever and fix with screw.
Note: Do not overtighten screw.
14. Replace lever cap.

WINTERISING

To avoid damage as a result of freezing, drain the entire water system. To protect Elite tap or shower units, the tap control(s) and the shower control should be opened when draining the system to enable stored water in

the outlets to drain back through the control valves and out of the system. (Switch off pump at isolator). Ensure that both the hot and cold systems are fully drained by draining separately. The cold drain plug is a separate drain plug from the heater drain plug. The lever should be up and in the centre to drain the hot and cold system when not in use. Remove water filter if fitted. Please consult your dealer if in difficulty. If they are unable to solve the problem, contact Whale Customer Services: tel: 01247 270531 ext. 211 or 213.

GUIDANCE ON CLEANING PORTABLE WATER TANKS AND THE WATER SYSTEM IN TOURING AND MOTOR CARAVANS

The water systems, and in particular storage tanks, in caravans are susceptible to contamination by bacteria if care is not taken with their use and cleaning. The symptoms caused by bacterial contamination are not purely limited to gastro-intestinal diseases, but may also manifest themselves as ear, nose, throat, eye or skin infections. It is therefore important that you carry out the following procedure prior to using the caravan each time, even if you boil or filter all water you use for drinking.

Separate Water Containers

1. All water remaining in the container should be disposed of so that the container is empty.

2. The outside of the container should be thoroughly cleansed and washed down to remove any dirt, dust or other contaminant. Water at a suitably hot temperature containing an appropriate detergent is recommended for this purpose.
3. Water should be put in the container, swirled around, then emptied out.
4. The container should then be totally filled with water containing an appropriate sterilant solution and allowed to stand for the recommended contact time (e.g. Milton for 15 minutes).
5. The solution should be emptied from the container.
6. The opening of the container should be cleaned thoroughly with an appropriate prepared wipe impregnated with a sterilant.
7. The container should be inverted whilst stored overnight (if possible).
8. The container must be filled with mains water only and mains water only should be used for the above cleaning procedure.
9. On no account should garden hoses be used to fill water tanks.

