

Operating Instructions for Brook Drain Cleaner

Congratulations on having purchased the Brook Drain Cleaning Tool.

This unique technique of cleaning choked (clogged) drains has been accepted as the most efficient way of tackling household drainage choke-up problems throughout the world. It has been known to work where all other methods like acids, chemicals, plungers, wire/ rod, pumps etc. have failed.

The Brook Drain Cleaning Tool has been designed for trouble free and maintenance free operation in a manner that even a layman can use this tool to clean choked lines / drainages with almost 100% result.

For ease of operation please read the operating instructions before using the Brook Drain Cleaning Tool. To bring out the best of this wonder tool it is important to use it correctly.

WHERE IT CAN BE USED

The Brook Drain Cleaner is most ideal for cleaning domestic drainage lines / pipes. It can also be used in water supply lines. Generally, all pipe sizes having diameter of 1" to 4" can be effectively cleaned with this wonder tool with almost 100% result.

Sometimes in very small pipes as in 1/2" size the coil may have limitations in passing through the 90° elbow turns and should not be forced in such narrow bends. Similarly in bigger pipe sizes such as 2 1/2", 3" or 4" more effort may be needed to pass the coil through the entire length of the drain as too much of space is available for coil to reverse.

It is not ideally suited for the larger outdoor sewer lines.

Step1) Getting started

To take care of your hygiene hand gloves have been provided alongwith the Brook Drain Cleaner tool. Please wear the hand glove/s to avoid contact with dirt, muck, etc. while using the tool to clean drainage lines.

Following figure shows parts of the tool.

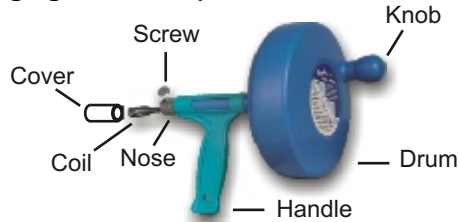


Figure 1.1

Remove cover fitted on the tip of the coil before starting.

Step2) Inserting coil into the opening of pipe/drain

Loosen the small screw by slightly turning it anticlockwise (See fig.2.1) so that the coil can be pulled freely from the drum.

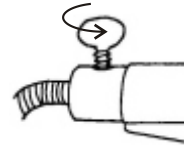


Figure 2.1

Pull out the coil (about 1 to 2 feet length) from the drum and slowly push it into the drain opening by hand as shown in fig.2.2 (both hands if required). Pull out only the required length of coil leaving no coil on the floor

which may become an obstruction in the cleaning process.

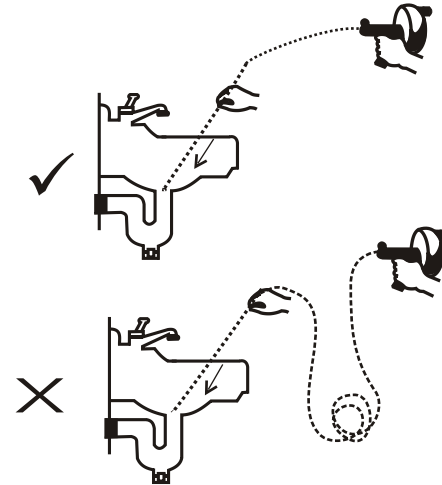


Figure 2.2

2a) Inserting coil in bathroom drainage pipe
First remove the drain cover / grating (jali) over the nahni trap (on the floor) so that enough space is available for the coil to pass into the line. See fig. 2.3

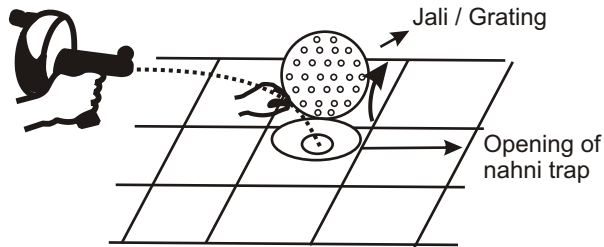


Figure 2.3

While inserting the coil in the cast iron type nahni trap it will be very essential to guide the tip of the coil with the fingers through the hole and into the upward bend. See fig. 2.4

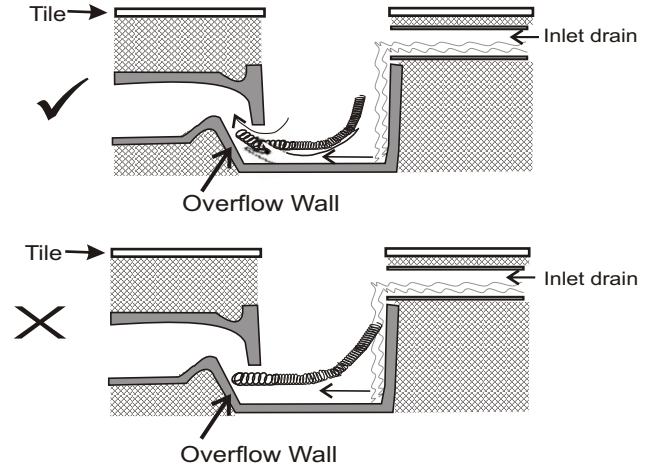


Figure 2.4 C.I. Nahni trap

The coil will not pass through this 'U' shaped bend by simply pushing it through the hole as the overflow wall will obstruct it.

However in case of new plastic design nahni trap the coil can directly pass through hole. See fig.2.5

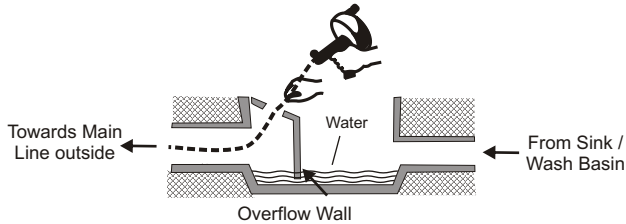


Figure 2.5 ((New) Plastic Nahni Trap design)

2b) Inserting coil in wash basin or kitchen sink drain

1st Option :

If the grating / jali on the wash basin is removable, then remove the same and insert coil through the opening as shown in fig. 2.6

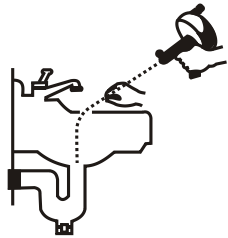


Figure 2.6

However if it is fixed and cannot be removed then,

2nd Option :

Insert the coil from opposite end of the drain - which is generally the Nahni trap as shown in fig. 2.7.

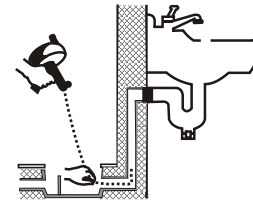


Figure 2.7

Again here the cover / grating of Nahni trap should be removed. However if this cover is also fixed and cannot be removed, or if nahni trap does not exist at all then,

3rd option :

remove the bottle trap or cleanout plug below the sink /basin and insert the coil as shown in fig.2.8



Figure 2.8

2c) Inserting coil in W.C. / Commode

Since no covers / jali is there, the coil can be inserted directly into the opening as explained in 2a. See fig. 2.2. However since the passage is "S" shaped and also because opening is wider (compared to smaller pipes) the coil may tend to reverse and come back from opening. However, after a few attempts the coil will pass directly through the bends and go into the main line. If the coil can not be inserted and passed further then a jerking action on the coil while pushing it in will be helpful. If this also does not help one can follow step 4 directly

Step3) Pushing and rotating the coil further

After having inserted the coil through the opening keep pushing and rotating the coil further and further by following procedure

3a) feed/push approximately 1/2 to 1 foot of the coil into the drain. However, when the coil cannot be pushed in any further (due to some bend) then complete step 4 before continuing from step 3b.

3b) Tighten the screw clockwise (See fig 3.1) to lock the coil in that position. The coil should not be able to move in or out of the drum.

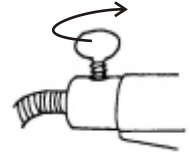


Figure 3.1



Figure 3.2

3c) With one hand on the handle gently rotate the drum clockwise using the knob given on it with the other hand. See fig.3.2. Do not use excessive force to rotate the drum. Rotate for about 3 to 7 turns depending on the extent of choke-up.

3d) loosen the screw to unlock the coil.

3e) Push the coil further into the drain for another 1/2 to 1 foot length and repeat the above procedure till sufficient length of pipe / line has been cleaned.

Note :

This rotating action of drum helps to clean pipe in 2 ways. One, that the coil (which is also rotating) entangles all material like hair, muck, threads, etc. - which is the root cause of all choke-ups on itself. And secondly, the coil scrubs the inside wall of pipe and dislocates deposits / coatings like moss, rust, scales etc.

Tip:

For older pipelines this rotating action can be done after feeding every 3 inches of coil.

Step 4) To pass coil through bend :

As the coil passes into the line it may come across bends and will not go further by a simple pushing action. Everytime the coil has to be pushed through such a bend follow the procedure given below.

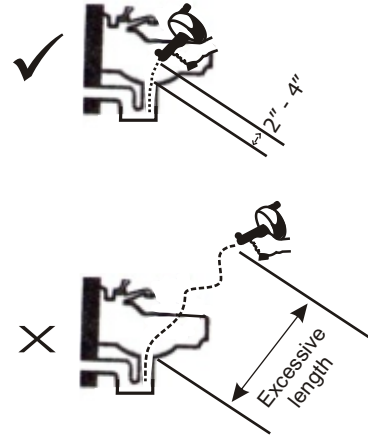


Figure 4.1

4a) Leave approximately 2" - 4" length of coil between the drain opening and nose of the drain cleaner as in fig. 4.1 (larger length will result in cable twisting).

4b) Then, tighten the small screw clockwise to lock the coil in that position.

4c) Then rotate the drum in clockwise direction slowly & gently using a slight forward pressure. See fig.4.2.

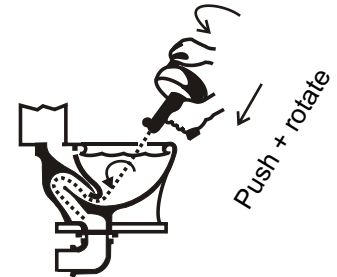


Figure 4.2

4d) Once it starts going in again, loosen the screw and push the coil further again as explained before in step 3.

Step 5) Cleaning the coil and line :



Figure 5.1

After step 3 & 4 most of the blockages will be loosened up in the line. Pass running water in the line to allow all the loose fibre, dirt, moss etc. to be pushed out through the pipe. This will also help to clean the coil before it is pulled out.

Step 6) Removing the coil from line:

Tighten screw to lock the coil. Remove the coil slowly with hand (both hands if required). At any point when it does not come out, pull the tool slightly while simultaneously rotating the drum anticlockwise.

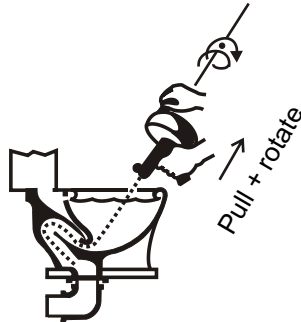


Figure 6.1

It is advisable to remove the coil from line after every 3 feet of line is cleaned. If the entire stretch of line is cleaned by step 3 & 4 procedure in one go then too much of dirt, fibres etc. may entangle on the coil.

This way the coil diameter will increase making it difficult to pass through the narrow passages and sharp bends in the line which it may have passed easily while going in. In such a condition it may be very difficult to remove the coil from the line. To avoid this, clean the line upto say 3 feet, remove the coil from the line. Again clean next 3 feet remove the coil & so on.

DO NOT APPLY TOO MUCH FORCE WHILE PULLING OUT CABLE. ESPECIALLY WHEN IT IS BEING PULLED VIA THE HANDLE OF THE TOOL.

THE ENTIRE OPERATION OF PASSING THE CABLE IN THE DRAIN & REMOVING IT NEEDS YOUR GENTLENESS & PATIENCE.

Step 7) Oiling the coil:

Once the coil has been pulled out completely wash it with water properly to remove all dirt, mud etc. Then wipe it dry. After it has dried properly, oil it to prevent rusting. Only after oiling is done loosen the screw and push the entire coil slowly into the drum.

Tips:

For larger blockages above procedure can be repeated (steps 2 to 6) upto a few times till the line is cleared. For stubborn blockages the coil can be fed in and out in small strokes coupled with rotating action in between. This rubbing action will dislocate the blockage from its place.

Maintenance / periodic cleaning of coil & drum:

Though normal care needs to be taken so that the uncleaned part of coil does not enter the tool / drum, sometimes the dirt, muck etc. deposited on the coil can still go into the drum. The entire coil & empty drum can be cleaned by following procedure

- i) Pull out entire coil slowly from the tool till the colored part of coil comes out. This indicates end of coil.
- ii) Pull out the coil completely from the tool with one or two slight jerks. The entire coil will be out.
- iii) Clean the coil and the tool / drum by spraying some water. Wipe them dry with a piece of cloth. Oil the coil to avoid rusting.
- iv) Push the end of coil (which is slightly bent) through the nose of the tool. (don't forget to loosen the screw) till it goes in about 5 inches and stops.
- v) Now push the coil with one or two slight jerks into the drum. Once the coil enters the drum it will automatically locate itself inside it. Push the remaining coil into the drum.
- vi) Store the Brook drain cleaner in a dry place for future use.
- vii) It is advisable to oil the coil after every 6 months or so depending on atmospheric condition so that it does not rust.

Do's & Don'ts

1) Do not insert coil through the small holes on the jali / grating even if it can pass through it because during cleaning operation all the dirt, fibre, muck, hair etc. gets entangled on the coil. Thus while removing the coil out of the opening the coil may get stuck inside the line making it difficult to pull the coil out of the line.

2) While pushing the coil down the drain, care must be taken to prevent the entire coil from coming out of the drum. And special care is needed while pushing it down in larger sized vertical pipes as the coil may self-push itself down the drain due its own weight. As a precaution a color band is given on the coil as an indication of the end of coil. As soon as the colored part of coil comes out of the tool do not push the coil any further.

However if the coil comes out accidentally it can be put in again by following procedure.

Push the end of coil (which is slightly bent) through the nose of the tool. (don't forget to loosen the screw) till it goes in about 5 inches and stops. Now push the coil with one or two slight jerks into the drum. Once the coil enters the drum it will automatically locate itself inside it. Push the balance coil into the drum.

3) Do not ever use excessive force to rotate the drum. The coil may be passing a stiff blockage. Also do not rotate the drum with too much speed as it may cause the cable to twist and break. Similarly while using it in larger drain pipes of over 3" it should be used with utmost care and with lesser force while rotating, as it may twist & kink inside such large pipes. See fig. H .



Figure H

Note :

If coil develops small bends on it, same can be straightened using an ordinary plier (pakkad). But if it is excessively distorted, or kinked it would be better to replace with a new "Brook" coil.

Do not use ordinary spring coil as they can break inside the drainage line making it difficult to remove it. Only Brook coils are specially treated to prevent any breaking.

4) While pulling out the coil from the pipe / drain ensure that the screw is tightened. Otherwise, the uncleaned portion of the coil may accidentally enter the drum. Or if the coil is being pulled through the tool then it may not come out of the line at all.

Frequently asked Questions

Q.) While pushing coil through wash basin / sink it does not go further beyond 1 to 2 feet

A.) If coil has come across a bend follow step 4 to push further. Still if it does not go further then it is probably because of the bottle trap fitted below the wash basin. Most of the waste is collected in the bottle trap. Follow cleaning procedure step 2 to step 3 thoroughly till all the waste is removed from the bottle trap.

Q.) I have cleaned Bottle trap properly and no more waste material is coming on the coil. But still the line is choked up. Also, the coil is not passing for more than 1-2 feet

A.) Probably the choke up area is some where in the line between bottle trap of wash basin and the nahn trap. Try passing coil through nahn trap see option 2 of step 2B. But if the basin / sink is connected directly into main line then try option 3 of step 2B.

Q.) While following step 3 of pushing & rotating the coil further in the line. I have problem in rotating the drum, as it is too tight.

A.) Whenever the coil is passing through a very narrow passage or when too much of waste material is there it will offer resistance while rotating the drum. Rotate the drum anticlockwise for a few turns and again rotate it clockwise.

Q.) I have tried rotating drum anticlockwise also but still if the drum cannot be rotated easily.

A.) Then the coil may have collected too much waste material like mud, fibres etc. on it. Follow step 5 & 6 to remove the coil. Clean out all waste material entangled it on it & again start from step 2.

Q.) While pushing the coil it stops at one point and does not go further at all.

A.) It may have come across a sharp bend. Follow step 4 properly. If needed keep repeating a few times. The coil should pass through. Also try rotating the drum anticlockwise with slight forward pressure.

WARRANTY

This Brook Drain Cleaning Tool comes with a warranty of 3 years from the date of purchase against defective material or workmanship subject to following terms & conditions. In case of a defect, the company shall give free replacement of product or parts.

Terms & conditions :

- 1) Repairs & replacements will be carried out by dealer or any authorized personnel of company only.
- 2) Product will have to be sent to company for repairs / service at customers cost. Same shall be returned after service at company's cost.
- 3) Warranty does not include parts which are damaged due to misuse or incorrect handling. Warranty does not cover rusting and / or kinking of cable which can happen under severe conditions.