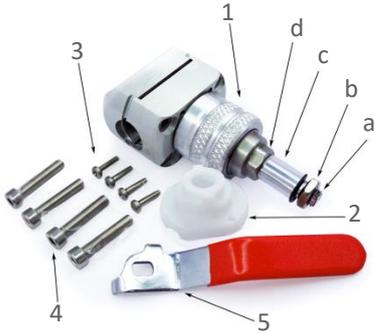


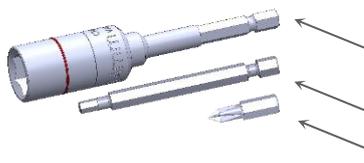
# Aladdin EasyFit Isolator

*"The quick-fit plumbing isolation-valve for pressurised-pipe"*



## Component Contents

1. Valve assembly, Upper & Lower Valve Components
  - a. M10 Half Nut
  - b. Circlip
  - c. Split Poly-tube
  - d. Cutter Plug
2. White Plastic Cap
3. 4 Pan Head Screws
4. 4 M6 Socket Cap Bolts
5. 2 Handles (Red & Blue)



## Tool Kit\* (If included)

6. Long-Socket – with Red Reference Line
7. Socket Cap Driver Bit
8. PZ2

## Two Housing Halves

Check the Upper and Lower Gaskets are in place.

The *Aladdin EasyFit Isolator* requires a Phillips screwdriver with an *Aladdin EasyFit Isolator Tool Kit\** and an electric drill or ratchet to fit.

Installing the cutter in a standard hard 0.9mm wall copper pipe requires 30 Newton-Metres of drill power; 1.2mm wall hard copper requires 38 Newton-Metres. Most 14.4v and all 18v battery drills with a strong battery and on a high torque setting, or a standard mains powered drill, will achieve 38 Newton-Metres.

## ESSENTIAL DO'S & DON'TS

### THESE WOULD INVALIDATE THE GUARANTEE

- **DO** use the *Aladdin EasyFit Isolator Tool Kit\** to fit the *Aladdin EasyFit Isolator*.
- **DO NOT** fit to Steel pipe.  
This product is only for 22mm or 3/4" copper pipe (Hard or Half Hard, 0.9mm/1.2mm walls), or plastic pipe (PEX, Polybutylene & Multi-layer).
- **DO NOT** attempt to fit on a kinked or bent pipe or on a pipe with solder or paint runs.
- **DO NOT** use an SDS or percussion drill to fit.
- **DO NOT** rotate the housing after Operation 2.
- **DO** ensure that the housing halves are bolted completely flush on both sides, as per Operation 3.
- **DO NOT** rotate the cutter plug prior to Operation 5.
- **DO NOT** remove the Poly-tube prior to Operation 8.
- **Memo:** This version is not for gas-pipe.

## Technical Support:

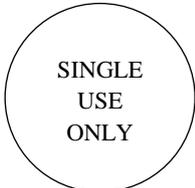
**01279 730363**

[www.aladdin-products.co.uk](http://www.aladdin-products.co.uk)

[sales@aladdin-products.co.uk](mailto:sales@aladdin-products.co.uk)

## Fitting Instructions

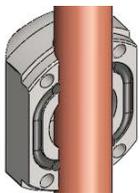
\*The *Aladdin EasyFit Isolator* can only be fitted with the *Aladdin EasyFit Isolator Tool Kit*.



### 1. Check the pipe

**Pipe surfaces must be smooth and straight.**

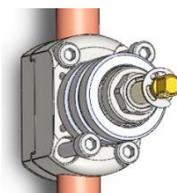
Ensure pipe is 22mm or 3/4" (21.5mm) copper (Hard or Half Hard, 0.9mm or 1.2mm wall thickness), plastic (PEX, Polybutylene or Multi-layer), has no kinks or bends, and the surface is free of solder or paint runs, or other damage.



### 2. Rotate Lower Housing onto pipe

Slide the lower housing around the pipe to face forward, rotate until in the required final position for ease of using the isolator.

**The *Aladdin EasyFit Isolator* must not be further rotated or slid up or down after this stage of fitting, as either action could dislodge the seals.**



### 3. Attach the Upper Housing

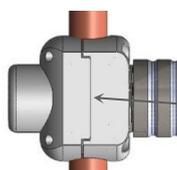
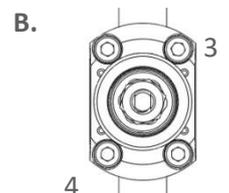
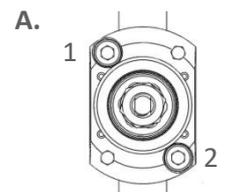
Press the upper housing directly onto the lower-housing. **To avoid shearing the bolt-heads**, if using a drill with variable torque, set at approx. half of maximum.

### IMPORTANT! NOT FOLLOWING THIS COULD CAUSE THE ISOLATOR TO LEAK

Firstly, using the socket cap driver bit **completely** install **two diagonally opposite** socket cap bolts (Diagram A, 1 and 2), **tightening them alternately**.

Secondly, install the last two bolts (Diagram B, 3 and 4). Then tighten all the bolts diagonally in sequence until the housing halves are **completely flush on both sides**.

*Note: The gasket may extrude a little from the sides of the housing, this is normal.*



Side View



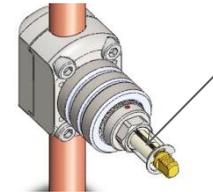
## 4. Prepare for Driving in the Cutter Plug

**Ensure the battery is fully charged!**

If your drill has adjustable settings, set the drill to low gear and at maximum clutch (drill symbol). Attach the long-socket with the red reference line.

*Note: the circlip on the spindle and the poly-tube underneath it.*

**The poly-tube is essential to ensure the long-socket does not depress the spindle during installation; else the seal can be damaged. Do not remove the poly-tube prior to Operation 8.**



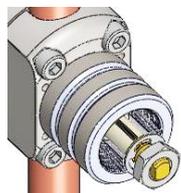
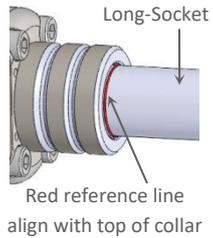
## 5. Drive in the Cutter Plug

**Plastic pipe: It is recommended to use a wrench on the housing to counter the rotational forces in order to eliminate the small risk of flex in the pipe damaging an existing joint.**

Place the long-socket over the spindle and locate on the hexagonal portion of the cutter-plug, making sure not to compress or dislodge the poly-tube.

Using the drill at a low speed (60rpm), rotate clockwise the cutter plug until the red line on the long-socket aligns with the top of the collar. Once rotating do not unscrew as this would prevent the product from working. Stop rotation when the cutter plug cannot be easily rotated any further.

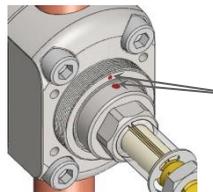
*Note: As the pipe is cut, the installer will feel the resistance increase and decrease. If you find more torque is required than your drill can provide than you will need to use either a ratchet or a wrench to drive in the long-socket.*



## 6. Remove the Collar

Unscrew by hand (counter-clockwise) the collar from the top-housing, and discard.

**If the collar will not unscrew, the plug is probably not all the way in - recheck the red reference line is lined up with the collar. If not, screw in further; else back-off the long-socket up to 5° max, then the collar will unscrew.**



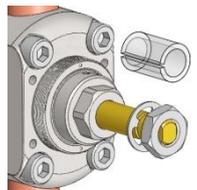
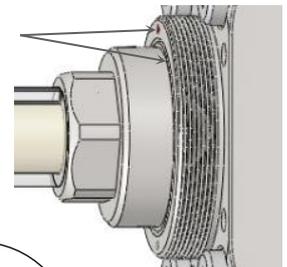
## 7. Check and align the Cutter Plug with the Housing

Check that the top of the cutter plug thread and the housing flange are flush.

Align the red dot on the cutter plug with the red dot on the housing flange. (Operation 9 cannot be completed without the correct alignment).

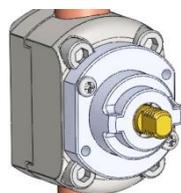
*Note: We recommend you align the red dots using a wrench in a clockwise direction so that the cutter plug is fully home. If you cannot align clockwise because it is too tight, then align in the anti-clockwise direction.*

**Do not unscrew more than the half turn.**



## 8. Remove the Split Poly-tube. Do not remove circlip

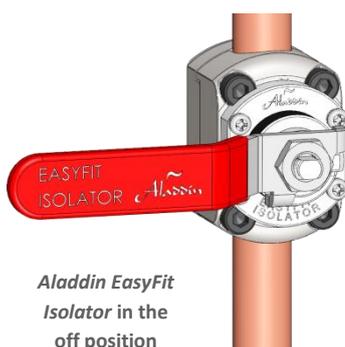
**DO NOT REMOVE CIRCLIP**



## 9. Fit the White Plastic Cap

Remove the M10 half nut from the spindle. Fit the white plastic cap over the spindle, and push down the spindle: you may need to hold down the spindle against the water pressure in the pipe, this is normal.

Align the scallops underneath the white plastic cap with the bolt heads. Using a Phillips screwdriver, screw in the 4 pan-head screws to attach the cap. **Tighten carefully in order not to strip the thread, diagonally in sequence until the cap is flush with the housing.**



Aladdin EasyFit Isolator in the off position

## 10. Fit the Handle

Push the handle over the spindle thread, either way round according to operator's preference, and replace the M10 half nut.

## 11. Test Isolation

The handle will move 90° and will stop when the Aladdin EasyFit Isolator is fully closed.

**"You can now Isolate supply with the Aladdin EasyFit Isolator"**