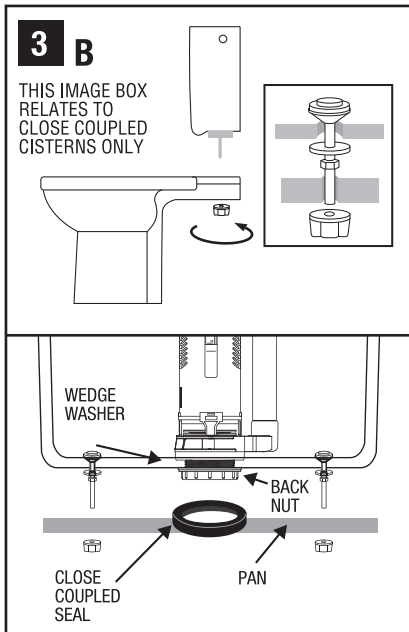


NOTE: Image number relates to relevant step in instructions. Labelled product diagram located at bottom of page 2 with terminology used.
We recommend installation by a licensed plumber. Ensure that the backflow prevention complies with AS/NZS 3500.1 requirements.

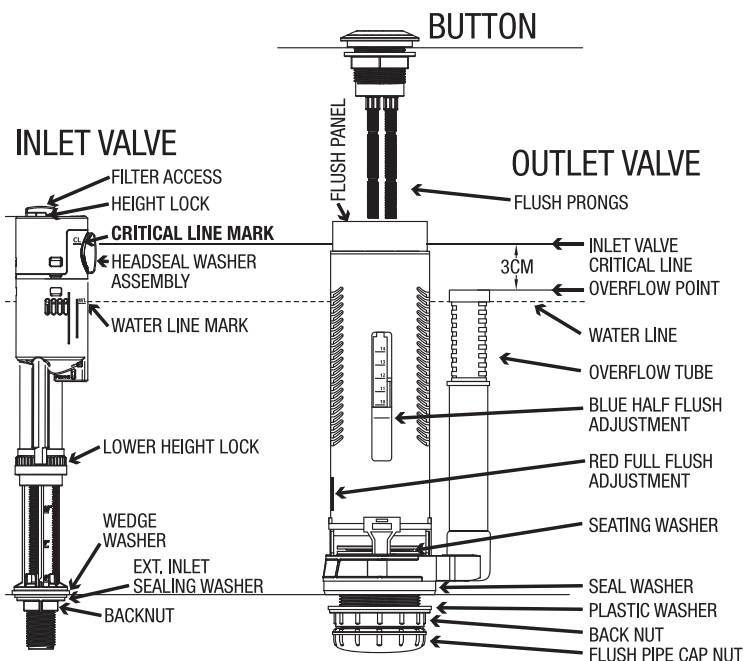


1. Turn off water at cistern tap. Flush cistern until all water is removed. Place bucket underneath the outlet as some water may remain in the cistern.
2. Remove cistern lid (Consult original manufacturer if unsure how to remove).
- 3A. For a regular pan and cistern, remove the flush pipe by unscrewing the flush pipe cap nut under the cistern.
- 3B. For a close coupled pan and cistern, the cistern will have to be removed by unscrewing the nuts under the cistern and lifting the cistern off the pan.
4. Remove the old outlet valve by unscrewing the backnut at the bottom of the valve underneath the cistern.
5. Insert the new Duro outlet valve into the cistern base. The wedge washer goes inside the cistern, around the base of the outlet valve, pointed end facing downwards.
6. Screw the backnut on from below.
7. For regular cisterns, reattach the flush pipe using the flush pipe ring and the cap nut. For close coupled cisterns, the flush pipe ring & cap nut are not required. It is recommended to replace your close coupled seal (sold separately) if your existing seal is old or worn.

8. **IMPORTANT:** Your inlet valve should have a Critical Line (CL) marked on the valve. Ensure that the overflow tube is positioned at a height 30mm below this line. The top part of the overflow tube can slide up and down, the notches on the sides lock the valve into place. Twist the upper part of the tube to unlock, slide to correct position, then twist to ensure the tube is securely locked.
9. Ensure that your cistern flush button is positioned straight with the stems lining up with the outlet valve flush paddles. Secure tightly. The stems should rest about 2mm above the flush paddles and may need to be lengthened or shortened to fit the valve height. If needed, FAL Toilet Boss replacement buttons are available. Visit our website www.fixatap.com.au for more information.
10. Turn on water and check for leaks. Fit lid and check flush function.

INSTALLATION DIAGRAM

Your inlet valve may look different depending on the model, but it should still have the Critical Line marked on the valve. The top of your outlet valve overflow tube should be approximately 3cm below this mark.



FLUSH ADJUSTMENT

Your Duro outlet valve arrives preset from the factory with a 6 litre full flush and a 3 litre half flush.

Moving the blue or red levers up will decrease the volume of water being flushed. Moving them downwards will increase the water flow.

FULL FLUSH ADJUSTMENT (RED)



HALF FLUSH ADJUSTMENT (BLUE)



Compatible Cisterns: Suits Imperial Caspero 3229, Toto CW704B and is a universal fit for most "on centre" button cisterns.

TROUBLE SHOOTING

ISSUE	TROUBLESHOOTING SUGGESTIONS
The water level in the cistern is too high or too low	The water level can be varied by adjusting the float level on the inlet valve. Ensure the critical line on the inlet valve is approximately 3cm above the overflow tube on the outlet valve and that the inlet valve height is locked.
External cistern leakage	Check both inlet and outlet valves are connected properly and tightened. Check that the wedge washers are sealing. Replace the wedge washer or close coupled washer if required. Ensure that the water connector is in good condition and is adequately tightened.
Water continuously running into the pan	Check the critical line of the inlet valve, & ensure that the critical line is always approximately 3cm above the overflow tube of the outlet valve. Check button flush prongs are in the correct position and are not too long. The issue could also be a dirty or worn seating washer. Twist the top part of the outlet valve body to separate the upper part from the base and the overflow tube. The seating washer is a circular rubber seal, located at the bottom of the removed component. Rinse the valve and seating washer, reinstall and check that the washer is pushing against the base of the outlet valve. If problem persists, replace the seating washer with a new washer. Ensure the new washer is lying flat against the valve, then reinstall, and twist the upper part of the valve to lock it into place.
Inadequate draining when the button is pressed	The button prongs may be too short. Lengthen the prongs by unscrewing slightly to reduce the amount of thread in the button. Check that your water adjustment settings are correct. Replace the seating washer if necessary.
Water released is insufficient or excessive	Remove the outlet valve by twisting the body until it releases from the base, then adjust the full & half flush as per the flush adjustment instructions.
The button is not working correctly	Ensure that the button prongs are correctly lined up with the flush panel.

5 YEAR PRODUCT WARRANTY

This warranty runs for five years from the date of purchase.

Our products come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other loss or damage. You are also entitled to have the goods repaired if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

WHAT IS COVERED: This warranty covers any defects in materials or workmanship with the exception of the reasons stated below. The warranty covers the product used in normal domestic use.

WHAT IS NOT COVERED: This warranty does not cover wear and tear to working parts, misuse or abuse, or discolourations due to exposure to cleaning chemicals. The warranty does not cover the rubber components such as the wedge washer, the flush pipe ring, or the seating washer. These components are covered by a 12 month warranty and should be replaced as they wear out. We recommend installation by a licensed plumber. Warranty may be void if the product is incorrectly installed.

CLAIM PROCEDURE: If you believe that you have a legitimate claim with your Duro Outlet Valve, please contact FIX-A-TAP® Australia via our website at www.fixatap.com.au to complete the warranty form.

Alternatively you can contact our office on (02) 9476 7400. Any written correspondence should be sent to: FIX-A-TAP® Australia Pty Ltd, Units 1-2, 41 Leighton Place, Hornsby NSW 2077.

Please keep your receipt for proof of purchase.

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 AUSTRALIA PTY LTD
The Ultimate
Plumbing Solution
 PO Box 200
 Wahroonga
 NSW Australia 2076
www.fixatap.com.au
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