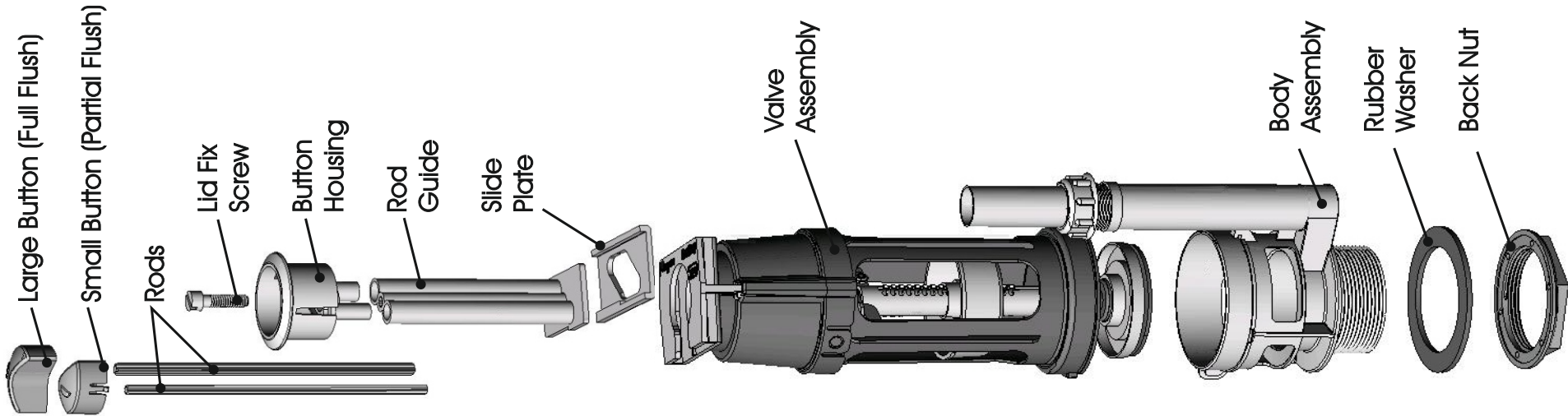


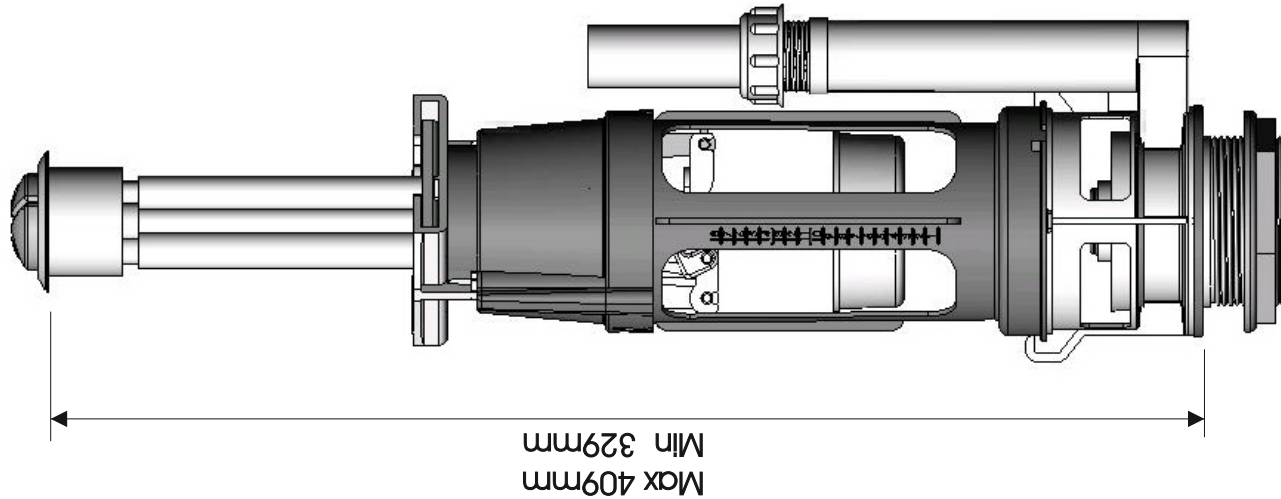
Valve Contents



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Niagara

- Dual Flush Valve
- 2" BSP Outlet




SISLF304602 (TDS1287 iss B)

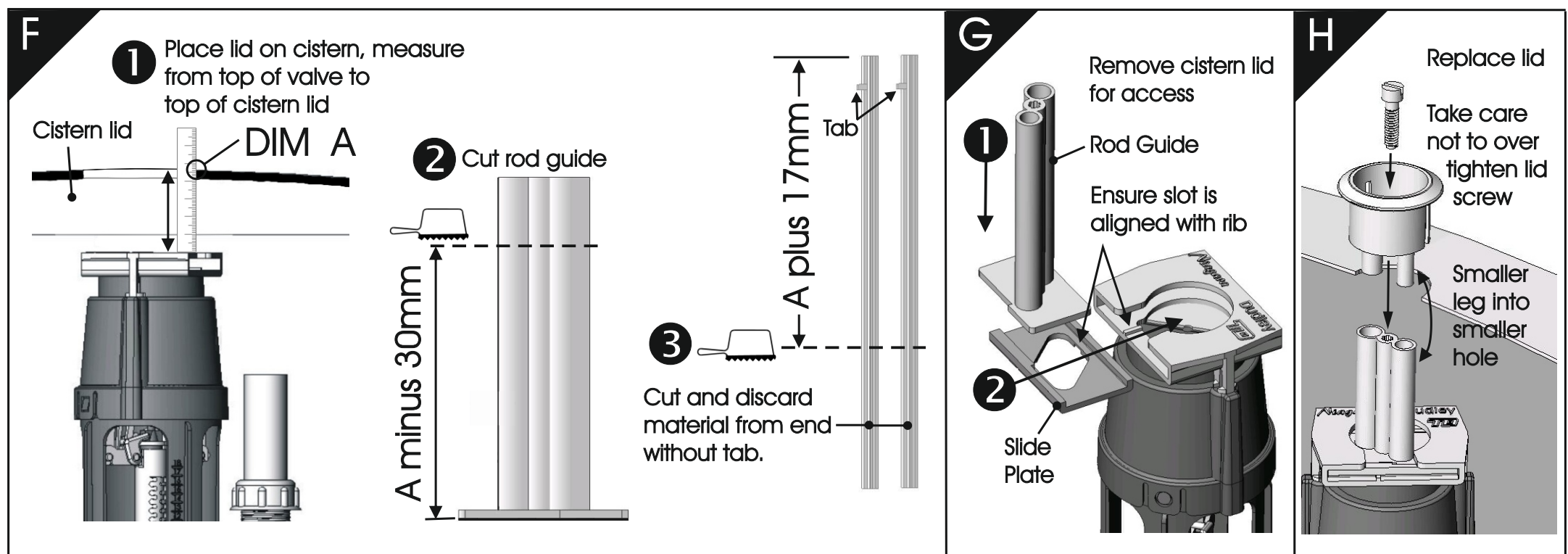
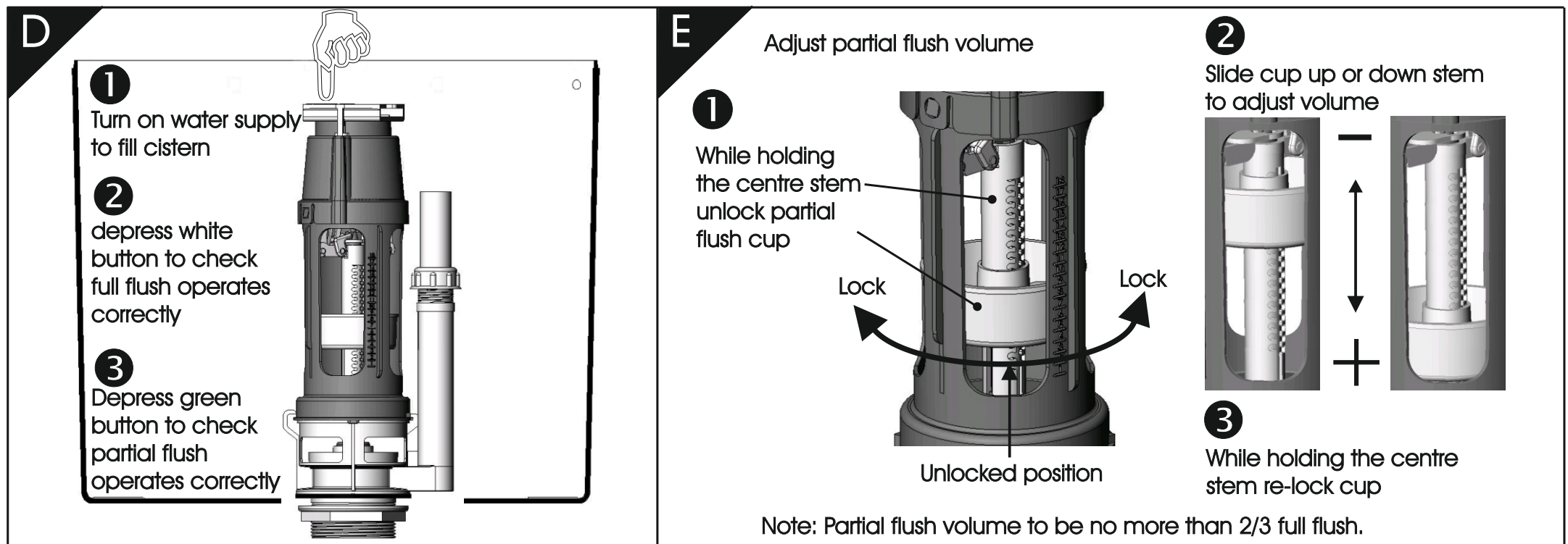
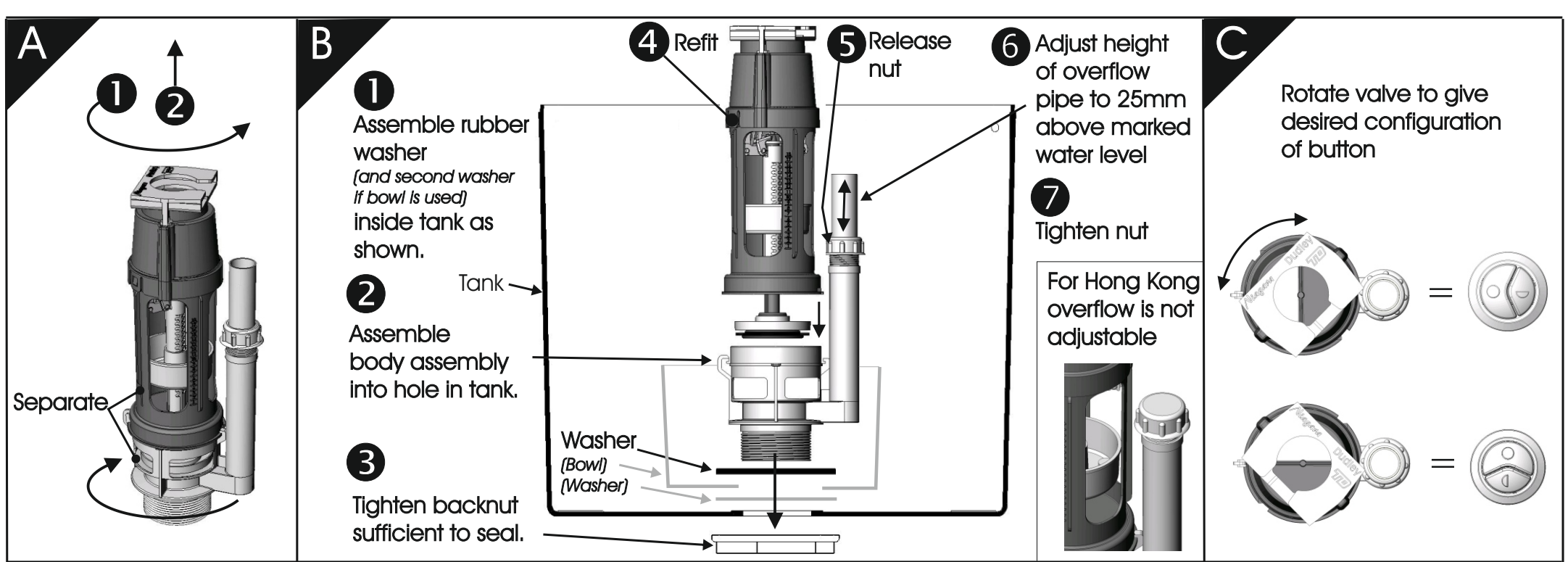
Telephone: 0121 530 7000
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Troubleshooter

Symptom	Possible cause	Remedy
(A) Water leaking into pan.	(1) Flush pipe pushed too far inside valve. (2) Build up of debris on seal face or seal. (3) Overflow pipe set too low. (4) Overflow adjustment cap nut loose. (1) Push rods too short.	Re-cut flush pipe to correct length. Clean surfaces, replace seal if necessary. Reset pipe height 25mm to 32mm above water level. Tighten cap nut. Rim on button must be standing proud of surround by approx. 2mm, to adjust refer to installation instruction Fig. L, M. Lock cup in correct position. (see Fig E) Re-locate cup and lock into position. (see Fig E) Try re-alignment otherwise refer to sanitary ware supplier.
(B) Valve closing before full flush volume delivered.	(1) Adjustable cup not locked into position.	Move washer to correct position. (Fig. B)
(C) Valve not closing at reduced flush volume	(2) Adjustable cup in wrong position.	Add washer. (Fig. B)
(D) Button Sticking.	(1) Poor alignment of outlet hole in cistern and lid hole. (1) Sealing washer on outside of cistern. (2) Sealing washer not on both sides of bowl. (if fitted). (3) Backnut loose. (4) Uneven surface on inside of cistern.	Tighten backnut. (Fig. B) Use thicker washer to take up unevenness or refer to sanitary ware supplier.
(E) Leaking from around outlet tail. (In close coupled suite this could leak into pan)	(5) Split, distorted or broken flange on valve body. (1) Cap nut not tight. (2) Damaged cone ring. (3) Damaged seating face on outlet valve tail.	Replace valve. Tighten cap nut. Replace cone ring. Replace valve.
(F) Leaking from flush pipe connection.	(1) Seal ring badly positioned. (2) Sealing ring damaged. (3) Wrong sealing ring used.	Reposition or replace sealing ring and position correctly over valve thread against cistern before assembly to pan.
(G) Leaking from close coupling seal.		

Maintenance of the valve

- Mineral deposits from the water supply or other foreign material can cause the valve not to seat properly and thus water leakage may occur. A trickle of water running into the W.C. pan is the result.
- Turn off water supply, operate full flush to empty cistern.
 - Insert a thin card between either Button (see 'L' over) and the Button Housing fully, and withdraw with Button. The Button left in place can now be removed easily by hand.
 - Unscrew Lid Fix Screw to allow cistern lid to be removed.
 - Rotate Main Body Assembly anti-clockwise and pull to separate it from the Cistern Connector Assembly.
 - With a clean wet cloth, carefully wipe around the seal area of the moulding still attached to the cistern. Stubborn mineral deposits may be removed using a non-abrasive bathroom cleaner.
 - Clean the rubber seal on the Valve Assembly in the same way as the seal face described earlier.
 -  Do not use solvents to clean any part of the valve and take care not to damage the sealing faces.
 - Should the seal become damaged enough to impair the valves performance a replacement seal can be purchased through your local Thomas Dudley supplier.
 - Reassemble the valve assembly in the cistern as described earlier.
 - Turn on the water supply to the cistern and test the valve as in section 2 of this leaflet.



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