

## Installation of Tap, Rain Diverter and Lid

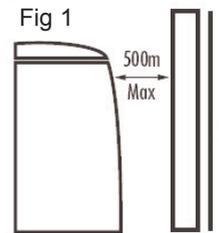
We have written this comprehensive guide to fitting the Tap, Lid & Rain Diverter by popular request. There are instructions on the Rain Diverter packaging but this guide gives you longer explanations and a few extra tips. Follow these instructions and you can't go wrong!

### Tools required:

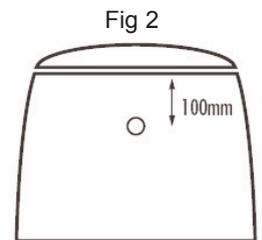
Hack Saw/Hand Saw (with a sharp blade)  
Level  
Screwdriver  
Drill  
26mm Drill Bit (see accessories)  
Adjustable Grips  
Pencil

1: Unscrew the Nut and remove the Washer from the Tap (the Washer must be on the inside of the Water Butt). Thread the Tap through the pre-drilled hole in the Water Butt, push the Washer over the thread and screw the nut on. We cannot stress this enough, the Nut doesn't have to be tightened to World's Strongest Man proportions, just sufficient to make the seal. Over-tightening will cause the Washer to split (see Water Butt Accessories), so be careful.

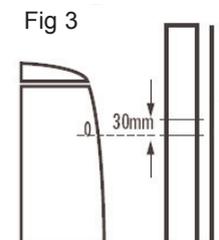
2: The positioning of your Water Butt is extremely important. You must place the Stand on a firm and solid base such as a paving slab. Make sure the ground underneath the paving slab is solid. Bear in mind that 1litre of water weighs approximately 1kg so a 300 litre Water Butt, when full, is going to weigh over 300 kgs. If the ground underneath your Water Butt is soft then your Water Butt could quite easily topple over. The maximum distance between the downpipe and Water Butt is 500mm (Fig 1).



3: Once the Stand is positioned, place the Water Butt on to it. You can now ascertain where to drill the hole, for the Tank Connector (inlet hose), in your Water Butt. If needs be, offer the length of pipe up to the downpipe and Water Butt to give you an indication of where to drill. Mark the spot with a pencil. Now measure 100mm down from the top of your Water Butt and pencil mark an x (Fig 2). Now drill a hole using the 26mm drill bit on the x mark. We would suggest purchasing a new 26mm drill bit (see Water Butt Accessories) to make the hole a lot sharper (not to mention a darned sight easier to drill!).



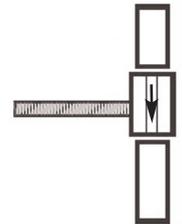
4: Take a level line from the bottom of the hole that you have just drilled in the Water Butt and mark the downpipe (Fig 3). This is quite critical. Although the mark can be slightly higher, it must not be lower than the bottom of the drilled hole. To be on the safe side, after you have marked the downpipe, measure up 5mm and mark it. This is now your bottom cut line. Measure up 30mm from the bottom cut line and this is your top cut line. Before you cut the downpipe just have a quick look at the top of the downpipe where it connects into the bend below the guttering. Is it securely in place? The reason for saying this is, you will be cutting a 30mm gap in the downpipe. If the downpipe is not properly connected to the bend above, it could, in theory, drop by 30mm. This would then mean getting out your ladder to re-connect to the bend. To err on the side of caution enlist the help of a volunteer to hold the downpipe (obviously above the top cut line) whilst you cut. The vast majority of downpipes will be securely glued to the bend, but there's always one... We would suggest using a (sharp) handsaw to cut the downpipe as opposed to a hacksaw as you will have more control and it's a lot quicker. Get those arm muscles working and cut out the 30mm section.



## Installation of Tap, Lid & Rain Diverter continued...

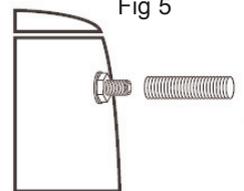
5: Assuming the downpipe hasn't fallen down and no expletives have been uttered, remove any downpipe clips below the level of your cut. If there is a downpipe clip at head-height remove that as well. Manoeuvre the bottom section of downpipe to the left/right (the downpipe is quite flexible), in order to fit the Rain Diverter on to it. Please note, there is an arrow on the side of the Rain Diverter which must be pointing **down** (Fig 4). Manoeuvre the top section of the downpipe to the left/right until you can enter it into the top of the Rain Diverter. Now manoeuvre the whole section to the vertical position. Replace any downpipe clips that you have removed. That's the hard part done. It's all downhill from here!

Fig 4



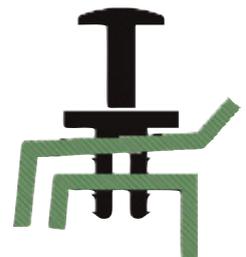
6: Unscrew the Nut (but leave the Washer in place) and remove it from the Tank Connector (the Washer must be on the inside of the Water Butt). Thread the Tank Connector through the Water Butt (from the inside), and screw the Nut on (Fig 5). Remember, the Nut is plastic. You don't have to tighten the Nut to show off your strength. Over tightening could split the Washer so be careful. (A good tip is to tighten the Nut and wait for the Water Butt to fill. If there is a seepage of water, tighten a little more. Repeat this until the seal is made). Now connect the length of Pipe onto the Tank Connector and Rain Diverter. Trim the Pipe to fit if the distance is less than 500mm.

Fig 5



7: The safety Rivets (Fig 6) must be installed. There are 2 sections to the Rivets, the Base and the Peg. Remove the Peg from the Base. Place the Lid onto the Water Butt. With the Tap at the front, spin the Lid round until you can read the name Graf which is printed on the Lid. The pre-drilled holes in the Lid will now line up with the pre-drilled holes in your Water Butt. Push the Base (the section with the hole in it) through the Lid and Water Butt. Now push home the Peg into the hole of the Base. Your Lid is now secured. When you want to remove the Lid, for example, to add a drop of Refresh Water Treatment (see product listing), you will need to prise the Peg up using a flat screwdriver (or similar). Please note, the Pegs are meant to be difficult to get out of the Base. They are there to primarily stop children getting into the Water Butt but they also stop the wind from turning the Lid into a giant frisby!

Fig 6



8: Pack your tools away, stand back, admire your work, then say a little prayer to Zeus (look it up!).

**IMPORTANT NOTE:** The Rain Diverter is supplied with a free of charge Bung. We have had this Bung developed because you must empty your Water Butt if there is a risk of frost/freezing temperatures. If the water freezes your Water Butt could split. When the cold weather arrives and in order for you not to have to continually empty your Water Butt, remove the Pipe from the Rain Diverter and simply place the Bung in the hole. Now you can empty your Water Butt.