

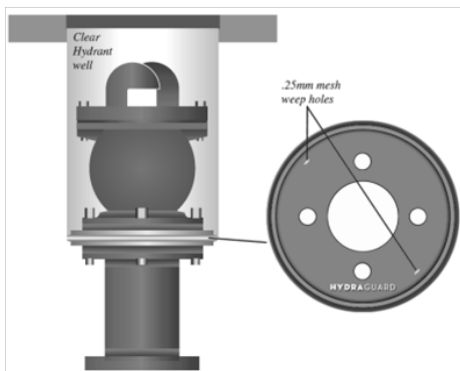
Hydraguard Installation Guide

Step-by-step fitting instructions for the Hydraguard ant dirt barrier

Before you start

Hydraguard is designed to work in conjunction with a base plate and a P/N4.5 light-walled 225mm PVC stormwater pipe. Hydraguard will centre the hydrant in the well, but only the bottom base plate stops the 225mm stormwater well pipe.

Please allow a minimum of 100mm between the base plate and Hydraguard to allow a stiff fit with the shroud, assisting with backfilling.



Left: clear well diagram showing the 0.25mm mesh weep holes. Right: Hydraguard fitted below the spring hydrant flange.

1. First gasket

Place an 80mm gasket on the 80mm hydrant flange, as you normally would. Round or square gaskets both work; it makes no difference.



2. Hydraguard on top



3. Second gasket



Bolting it down

The 80mm spring hydrant is placed immediately on top, and the M16x75 stainless steel bolts are inserted. Hydraguard is meant to be placed immediately under the spring hydrant for ease of future maintenance.

Hydraguard has a special sealing notch inside the bolt holes, which may require the bolts to have a "light tap" with a hammer to go through the hole. This is normal.

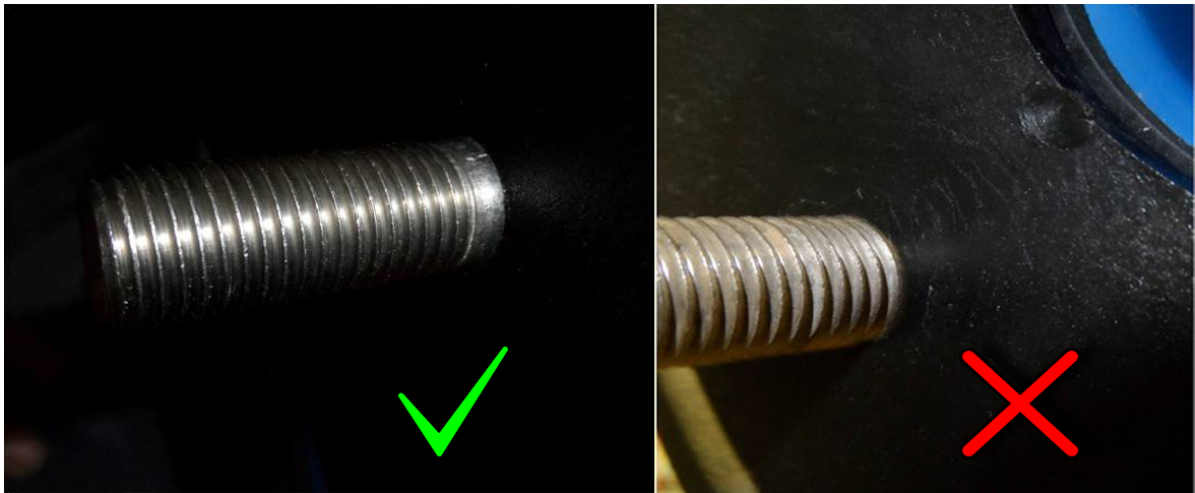


Use the correct bolts

The longer M16x75mm stainless steel hydrant bolts are required for Hydraguard installation, and these are supplied with the kit. This gets the unthreaded bolt shank all the way through the Hydraguard plate bolt holes to make a seal with the inner notch. If the usual 50mm hydrant bolt is used, the bolt thread can be used as a pathway by the ants. The M16x75mm S/S bolts can be inserted either up or down through the plate.



Correct: M16x75mm stainless | **Incorrect:** M16x50mm stainless



Fitting the stormwater pipe

The SN1 – P/N4.5 thin-wall 225mm PVC stormwater pipe is installed down over the Hydraguard plate and into the base plate.

You will need some pipe lubricant to ease the 225mm PVC pipe over the Hydraguard sealing ring. Angling the pipe slightly to one side as you push it gently over the rubber ring helps to ease it on.

Be careful not to roll the sealing ring out of its locating slot when pushing the 225mm pipe on. if this occurs, try again with more pipe lubricant.

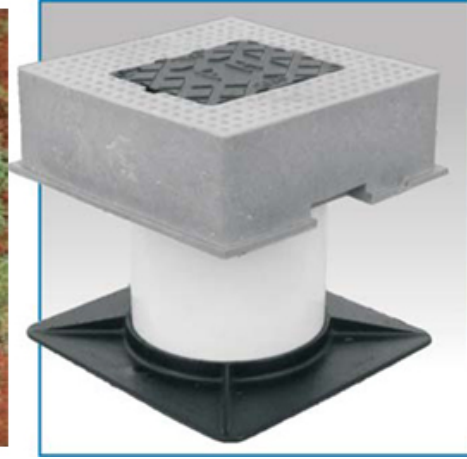
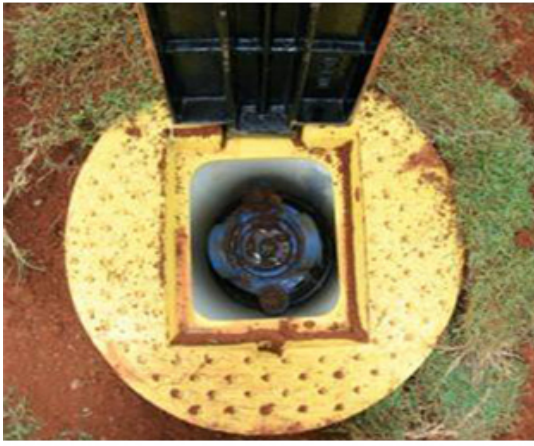
Make sure to keep the PVC pipe 90° to the Hydraguard plate; this is essential for a seal with the outer rubber sealing ring.

Keep spoil out of the installation to stop the capillary plugs from being blocked.



Finishing up

Finish off with a hydrant box and lid. Note that Hydraguard has centred the hydrant in the well. Try to avoid getting dirt in during installation.



This guide is also printed as a QR code directly on the Hydraguard kits. Questions? Email sales@hydrantprotection.com.au