

200 Series Tapper

Installation Guide

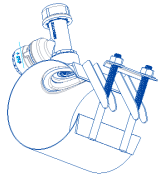


Figure 1

STEP 1

Select point for tapper and ensure that the main pipe has a clean surface so the gasket seal will not be affected and that there is easy access to the main

STEP 2

Loosen nuts so that they are flush with top of studs. Disengage keeper bar from finger weldment and open saddle enough to install on pipe (See figure 1)

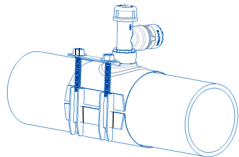


Figure 2

STEP 3

Lubricate pipe and face of gasket with suitable lubricant. Ensure lubricant does not freeze.

STEP 4

Place saddle around pipe with tapper on top of the pipe. Mesh the lug fingers and studs together by pulling keeper weldment base. Care should be taken to mount saddle as close to final tap position as possible (See Figure 2&3)

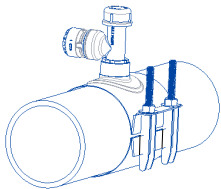


Figure 3

STEP 5

Tighten nut progressively and uniformly to recommended torque value below **DO NOT OVER TORQUE**. Over torquing will not increase sealing ability and may cause failure in the pipe or saddle. (See Figure 4) **TORQUE VALUE 50-70 FT-LBS**

STEP 6

Rotate the tapper outlet to the desired position and tighten the retaining nut with special tapping tool. **Do not over torque**

STEP 7

DO NOT use a wrench of any kind



STEP 8

Lubricate O-ring in megatite with lube that meet requirements of the water and pipe supplier



STEP 9

Cut the pipe square or straight with pipe cutter only DO NOT use a hacksaw. Then chamfer outer edge of the pipe with proper chamfer tool. Service tube should always be Snaked in the ditch.

STEP 10

Insert stiffener into pipe then measure and mark correct insertion depth which is 2" from the end of the pipe against fitting as shown in fig #5.

STEP 11

Push pipe into fitting up to the mark on the pipe ensuring the pipe has been pushed passed the internal 'O' ring see fig #6.

STEP 12

Make sure the mark on the pipe is inline with the end of the fitting see fig #7.

STEP 13

Remove the tapper cap by hand, then screw the cutter clockwise through the wall of the main with special tool or 3/8" hex key. When the main is pierced, a reduction in torque is felt followed by an increase in torque when the lower stop is reached. Do not continue to screw the cutter down after this stage.

STEP 14

Screw the cutter anti-clockwise until the top of the cutter is level with the top face of the tapper. This releases the flow of the water into the service pipe. Re-fit and tighten the cap by hand.

STEP 15

Compact soil carefully around tapper to prevent ground settling and damage to the tapper or service line

Note:

- Keep in mind that you are using plastic and not an indestructible material
- Stainless steel inserts are required for all plastic pipe

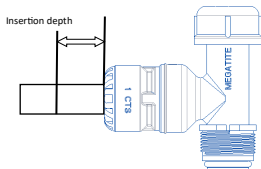


Figure 5

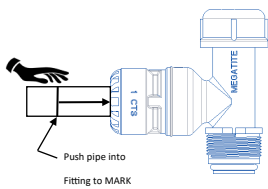


Figure 6

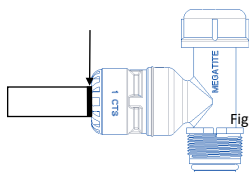


Figure 7