

LiquiLevel ST Guide Wire System installation instructions

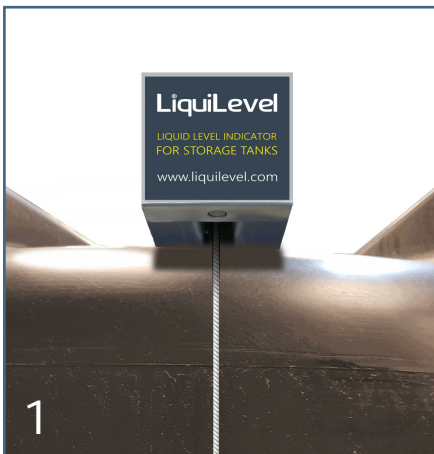
LiquiLevel Guide Wire System (GWS)

kit is designed and recommended for use with all LiquiLevel ST tank level indicator installations

GWS kit includes:-

- A)** 1x 5 or 10mtr guide wire and wire fastener,
- B)** 1x M6 Eye Shield Ground Anchor,
- C)** 1x Black Plastic Eyebolt,
- D)** 1x Black Plastic Hexagonal Nut,
- E)** 1x M6 Stainless Steel Hexagonal Nut,
- F)** 1x M6 Stainless Steel plain Washers.

Ordering a Guide wire system separately to the LiquiLevel system all parts **(A - F)** will need to be assembled. When the Guide wire system is supplied with the level indicator parts **C** and **D** will already be assembled.



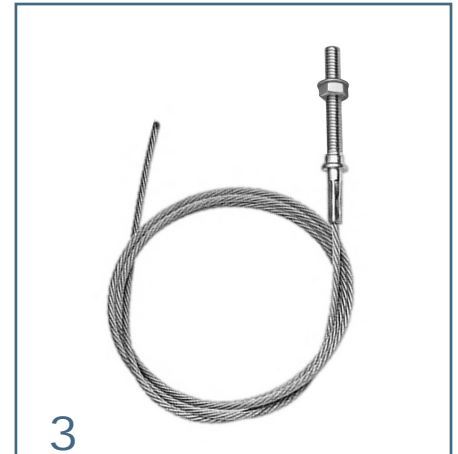
1

Before installing the GWS, make sure LiquiLevel ST tank level indicator has been installed correctly using the installation template and instructions supplied with the level indicator.



2

The distance from the edge of the tank to front of the pulley housing should be 10 cm.



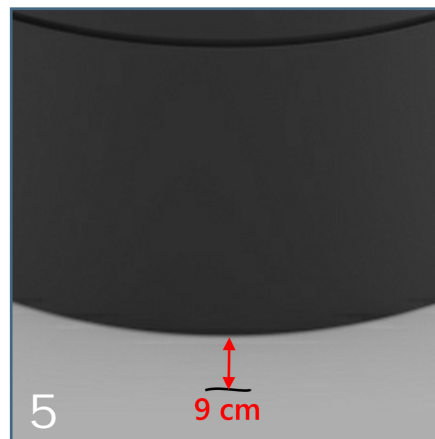
3

Screw M6 stainless steel nut and washer onto the thread of the M6 stud of guide wire, as shown above.



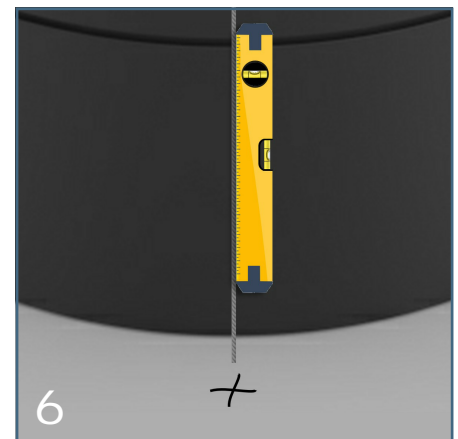
4

Screw guide wire stud halfway (approximately) into M6 threaded connector on the bottom of the base plate of the tank level indicator. Do not tighten Hex nut at this stage.



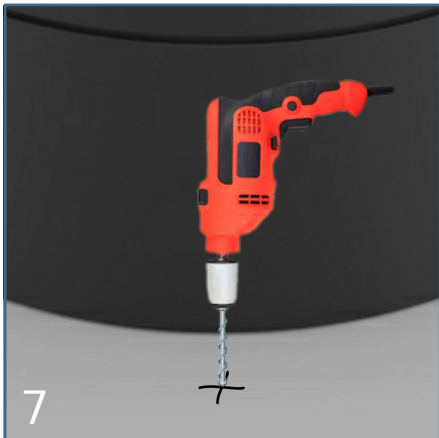
5

Measure and mark a line 9 cm out from the edge of storage tank.



6

Using a level against the guide wire pulling the wire tight and adjust till the guide wire is plumb. Mark a line across the other 9 cm line as shown in image above.



Using a 10 mm masonry drill bit drill a hole in the concrete. The depth of the hole should be at least 80 mm deep



Loosen the anchor slightly by unwinding the eye shield ground anchor. Insert into the hole. Using a 10 mm spanner fasten till the fixing is anchored firmly into the concrete.



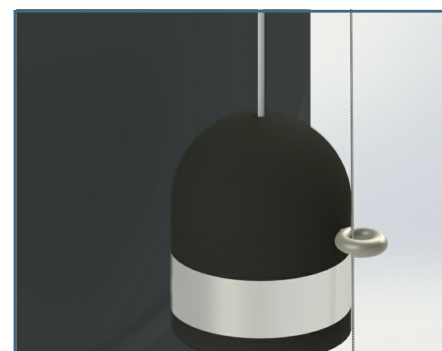
Remove white cap from the bottom of the indicator. The level indicator has internal ribs which strengthen the indicator. The hole for the plastic eyebolt should be drilled centrally between these ribs, so that the plastic nut fits between the ribs



Drill a 6 mm hole through the level indicator below the base line shown above.



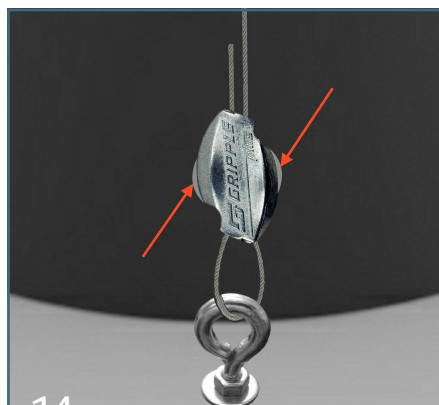
Insert plastic eyebolt and fasten with plastic hex nut. Insert the white cap back into the base of the level indicator. Insert guide wire through eyebolt.



Insert guide wire through eyebolt of the level indicator as shown in image above.



1. Insert wire through the bottom of the wire fastener.
2. Pull wire through eye bolt of the ground anchor.
3. Insert wire back through the wire Fastener and pull tight.



Adjust guide wire by using the release buttons on the side of the guide wire fastener as shown above. Excess wire can be cut off 10-20 cm from the wire fastener.



Complete installation by twisting the M6 stud clockwise to tighten guide wire. (DO NOT OVER TIGHTEN) Use 10 mm spanner to tighten M6 nut to the bottom of the baseplate.