

Conduit EI Installation Instructions

Verify the electricity is off to the submersible or jet pump before beginning

See the Conduit EI Installation video online for additional instructions.

Top-Mount Conduit EI

- a) **With the power OFF**, disconnect the wires coming out of the top of the well from the power source. Leave enough wire to pass through about 2 feet of conduit. Be sure to secure the wire to prevent it from falling into the well casing.
- b) The **Top-Mount Conduit EI** will ship fully assembled. Disconnect the male threaded adapter on the end of the assembly and thread it into the $\frac{3}{4}$ " NPT hole on the top of the well pump adapter until hand tight. This will take the place of the plastic electrical plug in the well pump adapter.
- c) Insert the rest of the conduit assembly into the open end of the adapter as it was shipped.
- d) Pass the wire from outside the casing through the Conduit EI to the inside of the casing where you can re-connect the wires to the electric submersible pump.
Note: It may be easier to pass wires through the Conduit EI by removing the cover on the Conduit EI. Be sure to reattach the cover after the wires have been passed through.

Side-Mount Conduit EI

- a) **With the power OFF**, disconnect the wires inside of the well from the power source. Be sure to secure the wire to prevent it from falling into the well casing.
- b) Using a bi-metal hole saw, drill a 1 1/8" hole through the side of the well casing at least 6" below the top of the casing (note that the sides of the well pump adapter will cover the first 2" of casing).
- c) Remove the **Side-Mount Electrical Conduit EI** from the box. Remove the plastic nut, plastic Inner Block, and gasket leaving the plastic Outer Block intact. From outside the casing, insert the plastic threaded nipple through the 1 1/8" hole in the side of the casing. On the inside of the casing, slide the gasket over the plastic threaded nipple first, then the plastic Inner Block (be sure that it is oriented with the curved side facing the inside of the casing). Then secure it with the plastic nut. **Do not overtighten the plastic nut.**
- d) Pass the wire from outside the casing through the Conduit EI to the inside of the casing where you can re-connect the wires to the electric submersible pump.
Note: It may be easier to pass wires through the Conduit EI by removing the cover on the Conduit EI. Be sure to reattach the cover after the wires have been passed through.