

How to install a single-phase submersible electric pump:

Before installing any pump in a well or in a house or garden, or in general, wherever a pump is needed, you, as an experienced installer, should pay attention to the installation instructions in the manual, whether the pump's power cable has two wires, three wires, or four wires.

You can get all the necessary information by reading the installation manual so that there are no problems with the electric pump after installation.

If you do not see the instructions with the pump, be sure to contact the manufacturer or seller and get it.

Each of these 30 pumps has an installation manual that you can get information from, and if you do not understand anything in the manual, be sure to contact the after-sales service of G.P.T.CO. department or its seller.

We fully support you so that this pump is installed correctly and works without problems.

If you connect a pump to the power supply without its capacitor box, the Start winding will probably burn in less than 10 seconds. Every experienced person knows this, and to control its usability, an accurate ohmmeter is needed.

Checking the usability of a single-phase small submersible pump and motor for Gol Pump.

This instruction is for people who are fully allowed to work with mains electricity.

If you do not have enough experience for this, leave the installation of these pumps to people with sufficient license and experience.

You should note that if a problem occurs, all responsibility will be on you.

But if you think you can do it, we can help you to install it more carefully, provided that you do it exactly as we say.

First of all, if the pump is mistakenly connected to electricity without a capacitor box, it should be noted that if it is connected to direct current for more than ten seconds, its starting winding will burn, but you can check its usability in the following way that Gol Pump Inc's engineers have said.

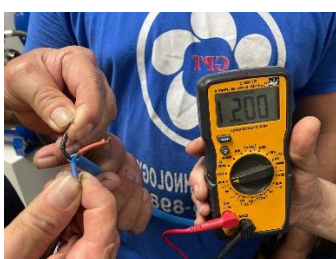
If you know how to work with an ohmmeter, first of all, you should place the ohmmeter on the Ground connection or on the megaohm and check all the pump wires with the yellow ground wire to see if there is a connection between the pump wires and the pump body. If there is, it is no longer working and has burned. But if there is no connection to the body, on the first, set the ohmmeter range to the lowest ohm level and measure its wires according to the following steps.

This should be done for all three wires (this measurement is shown as an example for an electric pump with an outer diameter of 2" inches and a power of 0.37 kW)

1- Measure the black wire of the pump with the blue wire and note it (A)(5.1)

2- Measure the problem wire with the brown wire and note it (B)(19.1)

3- Now you should measure the blue wire with the brown wire (C)(24)

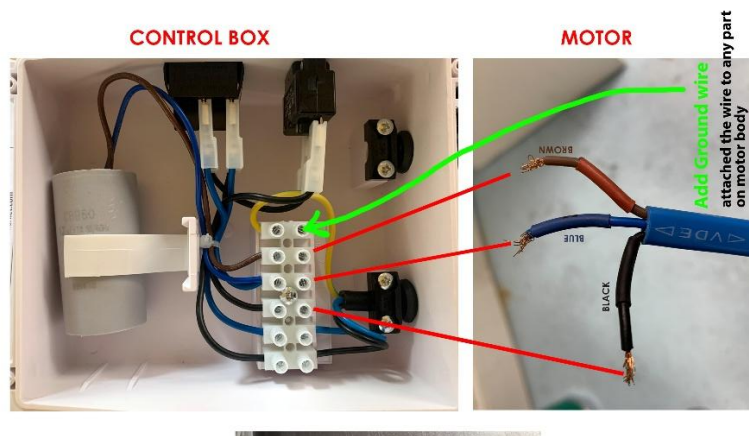


If the total ohms are according to this formula $A+B=C$, your pump dynamo is probably useful

Second, you must use the special capacitor box for this pump that Gol Pump Company recommends, which is sent to the customer with the pump. Using different capacitor boxes will damage the pump.

Thirty pumps were sent to the customer with thirty capacitor boxes.

Pay attention to the pump wiring diagram in the photo and connect the same colors to the terminals. Install the same color as the photo. Before doing this, you must be completely familiar with all the safety tips for working with electrical appliances.



We repeat again that the responsibility for all this work and its possible dangers lies with you. If you do not have the knowledge, entrust their installation to someone else who has experience and is licensed to do this work. If you need clarification on other matters, let us know and we will definitely guide you.