



OB-1-SP & OB-1-SH INSTALLATION INSTRUCTIONS:

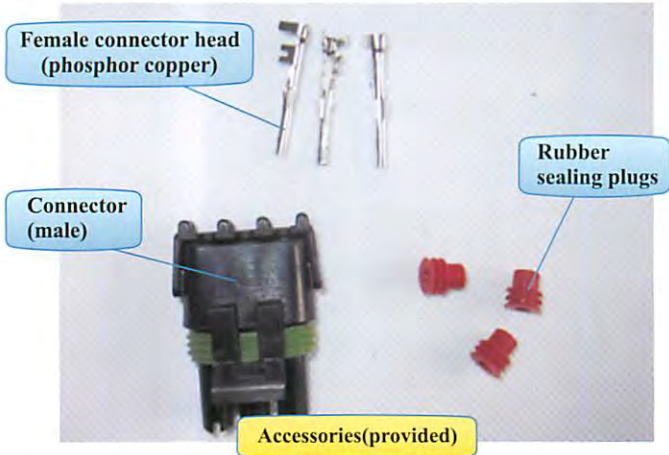
*******IMPORTANT! READ BELOW PRIOR TO INSTALLATION*******

To ensure compliance with local electric codes, please contact your local electrical inspector prior to installation of the OB-1 series boxes. Do not install OB-1-SP & OB-1-SH prior to electrical inspector authorization. Installation should only be done by licensed electrical contractors. All power must be turned off at its source prior to installation (**failure to do so will result in injury or death**). Also, the OB-1-SP & OB-1-SH must be connected to a dedicated GFCI Circuit Breaker with the power off (**failure to do so will result in injury or death**). ****Lew Electric Fittings Company accepts no responsibility if the above conditions are not met****

1. The OB-1 series boxes are designed for concrete, brick patio paver, tile, and similar types of flooring with a depth of 4" or greater. It is designed for outdoor or indoor use. It is not designed for wood floors or similar types of flooring.
2. Carefully choose the desired location of the outdoor box. Please note that the outdoor box has an IP66 rating when it is closed. The OB-1 series is not designed to be submersed under water.
3. The OB-1 series includes an extension ring that measures 2". Use PVC glue to the bottom perimeter of the extension ring on to the OB-1 series floor box. After the glue has set, affix the concrete cap on to the extension ring using the longer 2 1/2" supplied screws to hold the cap to the box. Use electrical tape to cover the four screws prior to the pour, and then place the "outer box" and extension ring in the desired location. Total height is 4 5/8" with the extension ring. If pour is greater than this height, affix the unit to wood blocks/boards to achieve desired height. The overall height of the box and the extension ring must be greater than the height of the finished floor.
4. Affix conduit where necessary by removing the punch out opening(s) with a screwdriver. Fasten the wires with a watertight lock nut and gasket (not included).
5. Pour the concrete.
6. After the concrete is poured and set, remove the protective electrical tape from the four screws. Unscrew each of the four screws to remove and discard the concrete cover cap.
7. Cut off the excess portion of the extension ring that is sticking above the level of the finished pour.
8. Please see the wiring diagram for proper wire installation.
9. Once the wiring is completed, attach the "Inner Box" to the "Outer Box" using the four 2" screws (provided).
10. Turn the power on. Test the weather resistant tamper proof GFI on a regular basis to assure that the device is working properly. For further info, please call 630-665-2075 x1 for customer service.

OB-1 Wiring Instruction

Accessories and Wiring Tools (Preparation)



1. Use a Phillips screwdriver to unfasten the 2 screws on receptacle case. Save screws for later step.



2. Use the provided wrench to loosen and remove the 3 cable gland nuts. Save nuts for later step.



3. Feed the three cables through the cable glands.



4. Use the wire stripper to strip the cables (suggested stripping length: 10mm)



5. Insert Female Connector Heads onto each wire and tighten with crimping pliers.



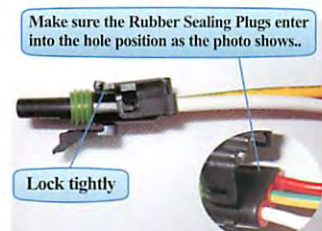
Must be tight.



6. Put on the rubber sealing plugs.

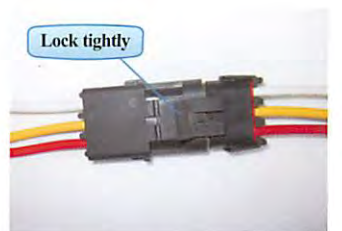


7. Put the cable gland nuts on. Do not tighten for the moment.



Lock tightly

8. Insert the cables into their corresponding holes.



Lock tightly

9. Male and Female Connector locked to each other tightly



10. Reattach the receptacle case with two screws



11. Adjust the cable lengths and tighten the cable gland nuts with provided wrench (very important).



12. Place the connector into its right position (as shown in photo).



When close, make sure it returns to the "Safety close" line.

13. Completed!