LEW ELECTRIC FITTINGS COMPANY

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 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 dedicate 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. 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. Place the "Outer Box" in the desired location. Fasten the concrete cover cap with the four small screws(provided). Use electrical tape to completely cover the four concrete cover screws prior to pour.

4. Prior to the pour, set the box level with the top of the finished concrete, patio paver, tile or similar flooring. Please note that the OB-1 SERIES IS ONLY SEMI-ADJUSTABLE (ADJUSTABLE ONLY BEFORE THE POUR WITH NO ADJUSTABILITY AFTER THE POUR).

5. Affix conduit where necessary by removing the punch out knockout with a screw driver. Fasten the wires with a lock nut and gasket (not included).

6. Pour the concrete.

7. After the concrete is poured and set, lightly tap around the perimeter of the concrete cover to loosen. Remove the protective electrical tap from the four screws. Unscrew each of the four screws to remove and discard the concrete cover cap.

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 long screws (provided).

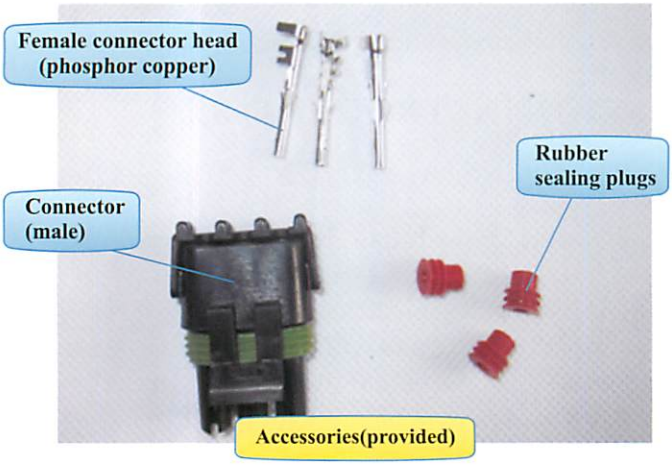
10. Turn the power on. Test the weather resistant tamper proof GFI on a regular basis to assure that the device is working properly.

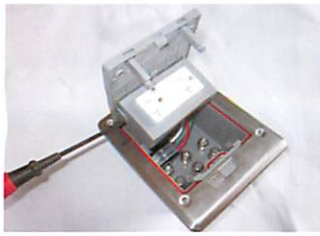
11. For further information, please visit our website WWW. LEWELECTRIC.COM or call customer service at 630-665-2075 ext.1.

Wiring instruction, please refer to the backside...

OB-1 Wiring Instruction

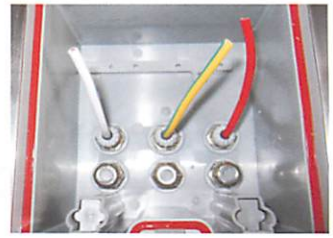
Accessories and Wiring Tools (Preparation)





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

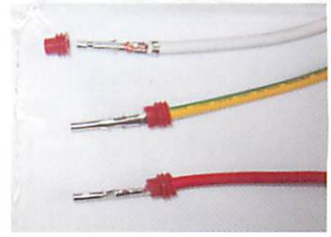
2.Use the provided wrench to loosen and remove the 3 cable gland nuts. Save nuts for later step.



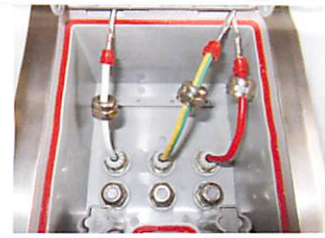
3.Feed the three cables through the cable glands.

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

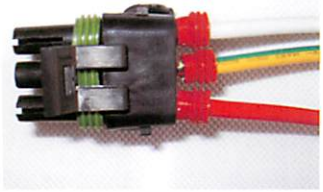
5.Insert Female Connector Heads onto each wire and tighten with crimping pliers.

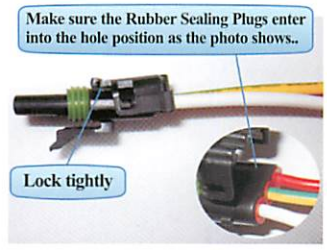


6.Put on the rubber sealing plugs.

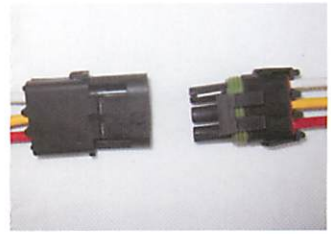


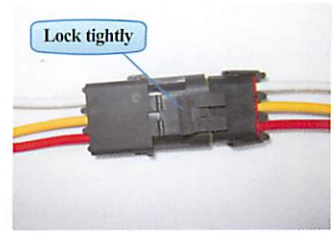
7.Put the cable gland nuts on. Do not tighten for the moment.



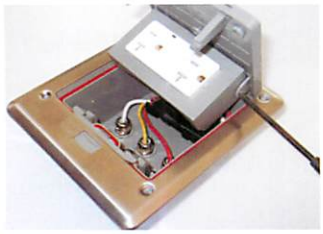


8.Insert the cables into their corresponding holes.

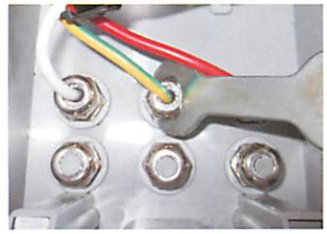




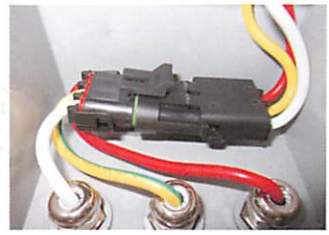
9.Male and Female Connector locked to each other tightly



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).

13.Completed!