



**Larson Electronics LLC** [www.LarsonElectronics.com](http://www.LarsonElectronics.com) [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)  
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## **EPPK-15A**

**IMPORTANT:** These plugs must be installed by trained, qualified and competent personnel.

**NOTE:** All installations must comply with applicable local and/or national electrical codes, as well as safety practices for this type of equipment.

**WARNING:** Electrical power must be OFF during installation. Disconnect supply circuit and Lock Out.

**CAUTION:** To reduce the risk of ignition of hazardous atmospheres, do not use in Class II, Group F locations that contain electrically conductive dusts. Before installing, check the carton label and product nameplate to be sure you have the correct type.

### **INSTALLATION**

1. Loosen (2) screws (with lock washers) "A" in plug face and pull Plug Contact Assembly (with gasket) from Plug Body. NOTE: Fiber insulator should remain in Plug Body. Loosen (2) screws "B" at back of plug to remove Cord Clamp Cover.
2. Strip cord jacket and wire insulation from #12 or #14 (as required) AWG type SR, SO, ST or STO cord, per strip gage shown below. Cord diameter must be .540 to .635 inches. Do not use cords of smaller diameters.
3. Loosen (2) Cord Clamp screws "C" and feed cord, prepared end first, through Cord Clamp Cover and Cord Clamps. Lubricate approximately 1-1/2" of prepared end of cord jacket with a suitable lubricant and insert cord through sealing Grommet into Plug Body.
4. Loosen all (3) Wire Terminal screws and insert wire into proper terminals: Green lead (Ground) to terminal by Green mark; White (Neutral) lead to terminal by White mark (125V only); Black and/or Red (Line Lead) to unmarked terminal. Hand tighten terminal screws to 8 in. lbs. Torque.
5. Check to make sure fiber insulator is installed in Plug Body. Properly align the Plug Contact Assembly (with gasket) and slide Plug Body down over contact assembly until seated. Insert (2) screws and lock washers "A" and tighten to 8 in. lbs. Torque.
6. Tighten Cord Clamp screws "C", alternating between them to equalize torque. Tighten until clamps firmly grip cord to prevent movement.
7. Position Cord Clamp Cover; insert and tighten (2) screws "B". Check for ground continuity between ground post and plug body. Check for discontinuity between live spade contacts and/or plug body.

### **OPERATIONAL DATA**

1. Lift receptacle door and insert plug all the way into the receptacle.
2. Turn plug to clockwise limit (45°). This closes internal contacts and completes circuit.
3. Release plug. Plug will move outward to "LOCK" position. Check by trying to turn plug without pushing inward; plug should not turn.



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4. To remove plug, push plug inward and turn to counterclockwise limit (45°). Pull plug straight out.

## MAINTENANCE

These plugs require no maintenance other than periodic cleaning and a check for damage and/or loose fasteners. Also, check cord for damage and/or wear. This should be performed on a regular basis, determined by the environment and usage.

**WARNING:** Disconnect and Lock Out supply circuit before starting maintenance work.

1. To clean plug, it is recommended that a soft, nonmetallic bristle brush be used.
2. Check tightness of all accessible screws.
3. Inspect the entire assembly (including cord) for damage and/or wear. Contact Larson Electronics for availability of replacement parts and discontinue use of the equipment until repairs are made.

