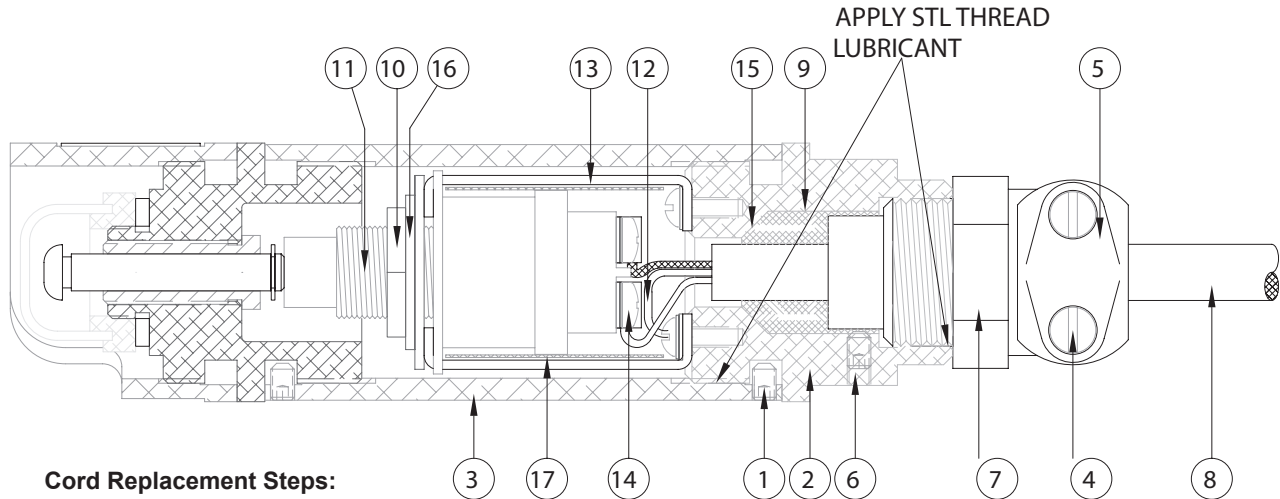


# EPS 1 SWITCH ASSEMBLY WITH CORD

## Installation & Maintenance Information

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE



### Cord Replacement Steps:

1. Loosen set screw (1) and unscrew gland housing (2) and gland nut assembly from main body section (3).
2. Remove screws (4) in cord clamp (5) and take off cord clamp. Loosen set screws (6), unscrew gland nut assembly (7) and slide back on cord (8).
3. Locate end of packing (9) in gland housing (2) and carefully remove by unwinding counter clockwise.
4. Remove mylar barrier (17) and Loosen jam nut (10) from lock washer (16) on switch (11) to allow switch to be tilted out for removal of cord connections. Remove ground wire (12) from switch mounting strap (13) on gland housing.
5. After removing old cord, insert new #16/3 AWG Type SO oil resistant cord through clamping end of gland nut assembly and gland housing.
6. Strip outer cord jacket back 1-1/4". Cut green conductor to 1" length and strip conductor back 3/16". Strip black and white conductors back 3/8". Use T&B AB14-8A flag terminal (not provided) for connecting black and white conductors to switch terminals (14). Use Burdy BA-16E8M ring terminal (not provided) or equivalent for connecting green conductor to switch mounting strap (13).
7. After tightening conductors securely, reposition switch in locating collars and tighten jam nut to 20 in-lb.
8. The end of the cord jacket must extend through the packing chamber (15). Wind new packing clockwise around the cord tamping it into place until it is beyond undercut in the gland housing.
9. Apply Crouse-Hinds STL thread lubricant to gland nut assembly (7) and tighten until cord cannot be turned in packing to maintain an explosionproof joint. (If cord is not tight when gland nut assembly is within 1/8" of the gland housing, packing is too short and must be repacked.) After packing is correct, tighten set screw (6) and clamp screws (4).
10. Install the mylar barrier (17) between the switch mounting straps (13) and switch (11). Apply Crouse-Hinds STL thread lubricant to gland housing (2). Assemble gland housing (2) and gland nut assembly (7) to main body section (3) and tighten set screw (1).

**CAUTION**

To ensure proper assembly of the switch unit, replace with new packing material, Crouse-Hinds part number 13G25-1624.

### TO ENSURE EXPLOSIONPROOF ASSEMBLY

**CAUTION**

For connecting portable cord to the supply, use a 3-conductor grounded type explosionproof plug, or other approved means.

### MAINTENANCE

Perform visual, electrical, and mechanical inspections on a regular basis. The environment and frequency of use should determine this. However, it is recommended that checks be made at least once a year. We recommend an Electrical Preventive Maintenance Program as described in the National Fire Protection Association Bulletin NFPA 70B: Recommended Practice for Electrical Equipment Maintenance ([www.nfpa.org](http://www.nfpa.org)).

All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof are not guaranteed. In accordance with Eaton's Crouse-Hinds Business "Terms and Conditions of Sale," and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his intended use and assumes all risk and liability whatsoever in connection therewith.