

LPR Electrode Installation Instructions

This document provides instruction for the installation of electrodes onto a standard LPR corrosion probe. This includes two and three-electrode probes with threaded electrode mounting posts.

Equipment Required

- LPR Probe
- LPR Electrodes with Gaskets
- Clean Cotton or Rubber Gloves
- Knife or Scissors

Notes and Precautions

- This document does not purport to address all of the safety concerns that may be involved. It is the user's responsibility to ensure that any safety requirements are met.
- This document does not attempt to address any concerns regarding material compatibility. It is the user's responsibility to ensure that the materials being used are compatible with the service environment.
- Electrodes are available with different threads for use with various LPR probes. Prior to installation you must verify that the electrodes being installed are suitable for the probe. Using the incorrect electrodes could result in damage to the electrodes or probe, or could result in loss of the electrodes while in service.

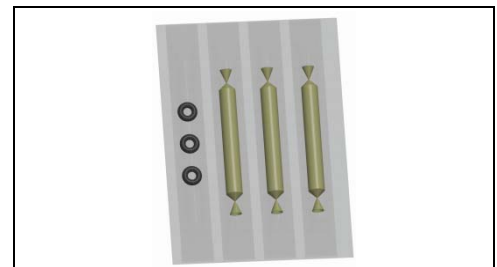
- Electrodes should always be handled using clean gloved hands. You should never touch the electrodes (or any corrosion test specimen) with bare skin. Doing so will contaminate the surface and may have adverse effects on your test results.



- Do not use pliers or other tools to hold or tighten the electrodes. This may damage the electrode surface or cause damage to the electrode mounting posts.

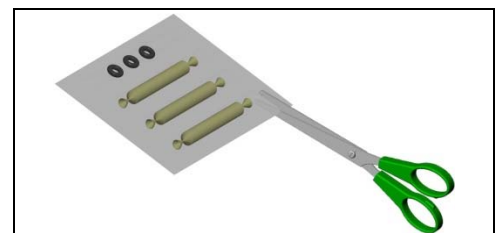


- Electrodes should be kept sealed in their original packaging until they are ready for use.

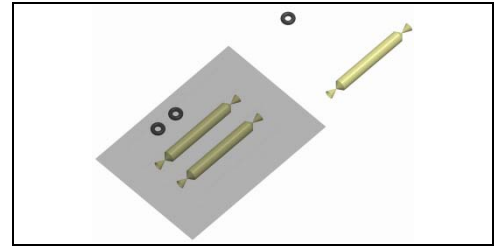


Procedure

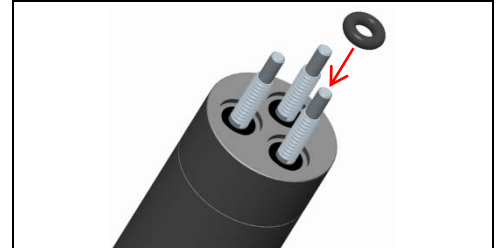
1. Cut the package open, taking care not to damage the electrodes or gaskets.



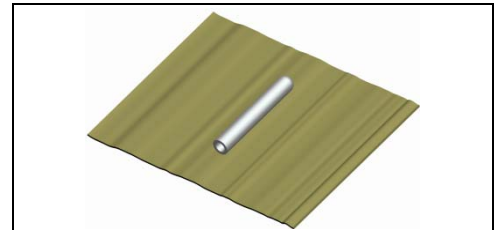
- Using gloved hands, carefully remove one gasket and one electrode from the package. If the electrode is wrapped in brown VCI paper, do not unwrap it at this time.



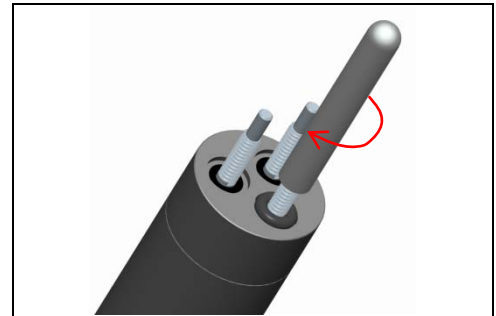
- Install the gasket onto one of the electrode mounting posts.



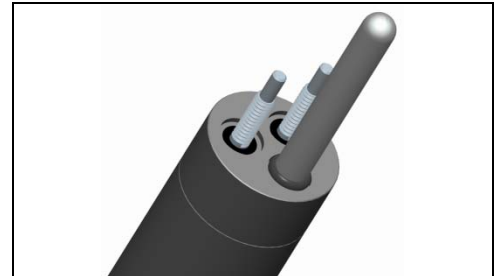
- Unwrap the electrode from the brown VCI paper (if applicable.)



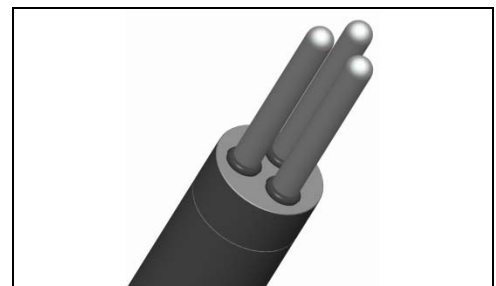
- Install the electrode by threading it onto the electrode posts.



- Thread the electrode all the way down until it seats against the gasket and tighten it finger-tight. Do not overtighten the electrode as this may damage the gasket, or displace it resulting in a short between the electrode and probe body.



- Repeat this process for each of the remaining electrodes.



- After installation, you should verify that all gaskets are positioned correctly between the electrodes and the probe body, and that the electrodes are tight but are not shorted to the probe body.
- At this point the probe is ready for installation and should be installed into the system promptly.