



Installation Instructions for Lightning Arrester Kit Kit Number 530-0534

This kit is intended for use with the BinMaster Directional Wireless System, WL-19D. If installed correctly this arrester offers an added level of protection against lightning damage. The kit employs a PolyPhaser surge protector rated for the 900MHz frequency band of the WL-19D. For proper operation this arrester and the directional antenna to which it is attached require a low resistance earth ground. The metal mast to which they are mounted if adequately grounded may provide this low resistance path. A screw is provided on the arrester mounting bracket for a ground strap connection if needed.

Kit Parts List

| Part No. | Quantity | Description |
|----------|----------|-----------------------------|
| 110-0107 | 1 | SCREW ¼-20 x 7/8" PHILIPS |
| 135-9013 | 1 | U-BOLT 2" ID ¼-20 |
| 140-0023 | 3 | NUT HEX KEPS ¼-20 |
| 145-0006 | 2 | FLAT WASHER ¼" |
| 205-0195 | 1 | BRACKET LIGHTNING ASSESTER |
| 303-0013 | 1 | PROTECTOR SURGE 800-2200MHZ |

Instructions

1. The surge protector, 303-0013, comes with its own large hex nut and lock washer. Mount the surge protector to the bracket using the nut and lock washer provided. See **Figure 1**.
2. Place the ¼-20 x 7/8 screw through the small hole in the bracket next to the protector. Use two flat washers and a ¼-20 hex nut on opposite side of the bracket. This provides a connecting point for a copper ground strap or wire. The ground strap or wire should be secured between the two stainless steel washers.
3. As shown in **Figure 1**, mount the bracket approximately six (6) inches below the directional antenna using the U-Bolt and two ¼-20 hex nuts. The notches in the bracket legs should face the mast.
4. Connect the coaxial cable from the antenna to the appropriate side of the arrester and the cable from the WL-19D electronics unit to the other side of the arrester. The N type connectors are rated as weather proof, however, application of additional sealant such as RTV is recommended.

927-0267

Garner Industries, 7201 N. 98th St., Lincoln, Nebraska 68507, Phone 800-278-4241 or 402-434-9102

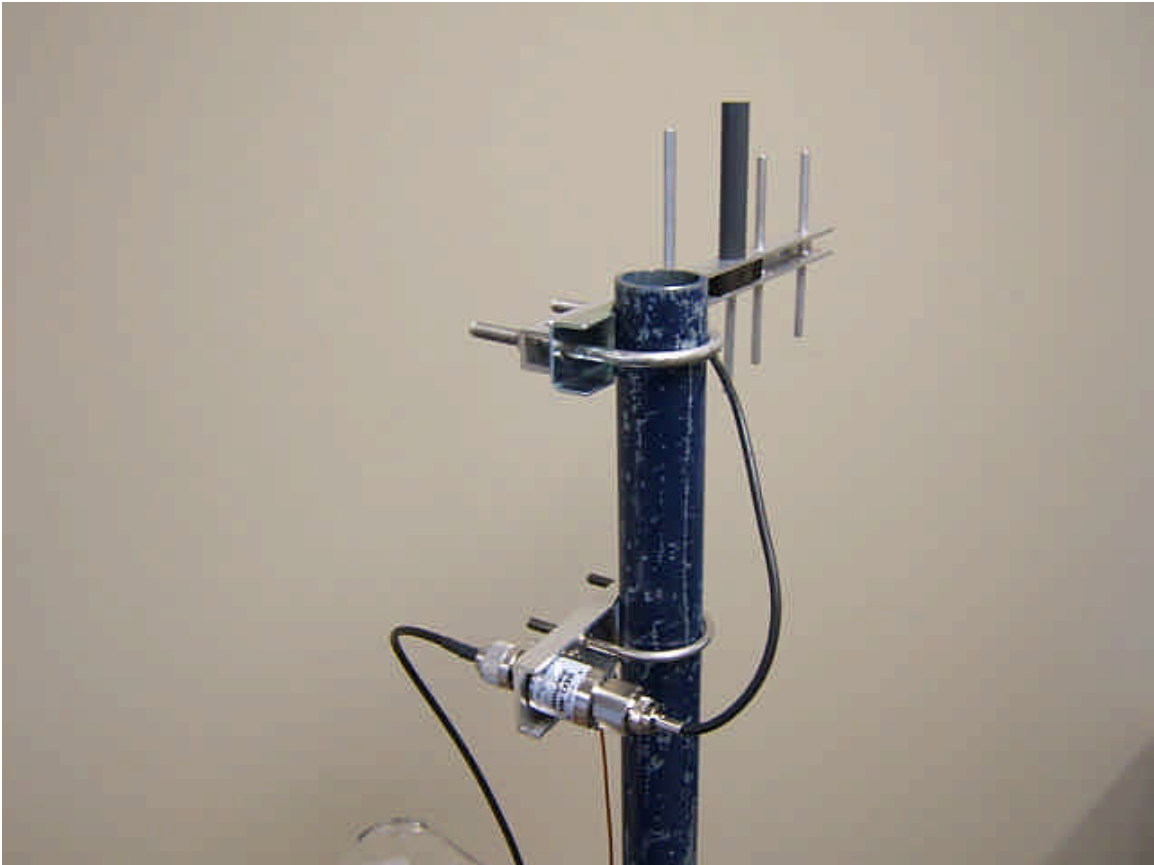


Figure 1

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