



GAI-TRONICS® CORPORATION
A HUBBELL COMPANY

Pole-Mounting Bracket Kit

Model 238

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General Information

The Model 238 Pole-Mounting Kit is designed to mount the GTC Model WCB104 Wireless Call Box to a 4-inch nominal O.D. steel pole that has been installed in accordance with the applicable state highway regulations for emergency access equipment. When this bracket is mounted at the correct height, it supports the call box so that its highest auto-dial button is no higher than 48 inches above the ground.

An additional kit is also necessary to mount highway signs and mile markers to the pole. The hardware necessary to install either application is provided, and is listed below:

Qty	Description
1	Bracket
2	U-bolts, 304 stainless steel
2	Bolts, 1/2-13 (used for call box installation)
4	Bolts, 1/4-20 (used for sign mounting)
4	Lock washers, split-ring, 304 stainless steel
2	Gasket, 1-inch O.D. (used for call box installation)
2	Gasket, 2-inch O.D. (used for call box installation)
4	Washers, flat, 1/4-inch (used for sign mounting)
4	Nuts, 304 stainless steel

Installation

The Model 238 Pole-Mounting Bracket Kit can be used to mount either the call box or the highway mile markers. Choose the appropriate hardware provided for each application as follows:

Install the Pole-Mounting Bracket for the Call Box

1. Install the supplied gaskets as shown in Figure 1. Remove the paper backing from the gaskets and position them on the mounting bracket as shown. Place a 1-inch O.D. gaskets around each of the $\frac{1}{2}$ -inch mounting holes. Place one of the 2-inch O.D. gaskets on each side of the bracket over the 1.125-inch hole.
2. Mount the bracket by installing both supplied U-bolts around the exterior of the pole and through the bracket. Ensure that the bracket wire access hole is located no more than 44.5 inches above the ground where the call-box user is expected to stand. Refer to Figure 1 shown below.
3. Tighten the nuts on the U-bolts to a 20 foot-pound torque using a torque wrench.
4. Using a 1-inch diameter bit, drill through the center hole of the mounting bracket into the pole. The mounting bracket serves as a drill guide. Do not drill through the rear side of the pole.
5. The remaining two $\frac{1}{2}$ -13 bolts and two flat washers are provided for mounting the call box. Refer to GTC Publication 42004-327A for call box mounting instructions

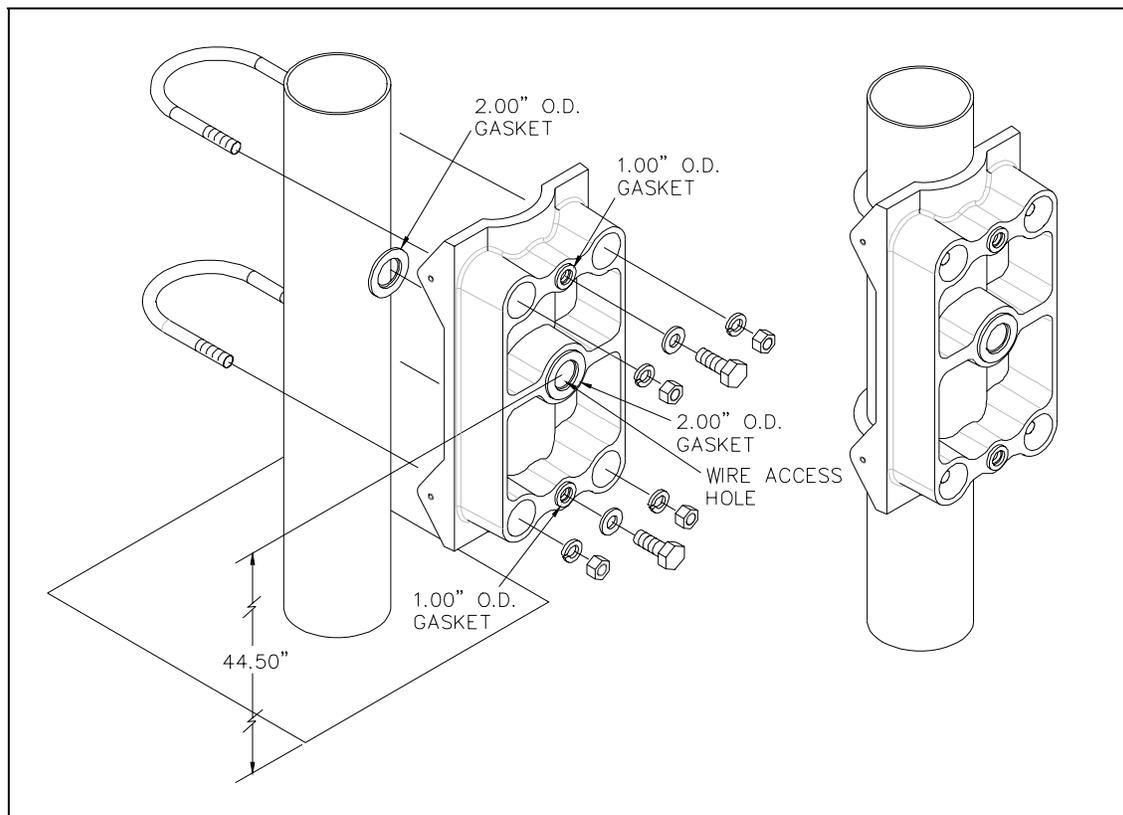


Figure 1. Call Box Mounting Bracket Assembly

Install the Sign Mounting Bracket

1. Mount the bracket by installing both supplied U-bolts around the exterior of the pole and through the bracket. Place the bracket at the desired height. Refer to Figure 2 below. Note that this bracket does not require drilling an access hole into the pole.
2. Install the four lock washers and nuts on the U-bolts and tighten the nuts to 20 foot-pounds using a torque wrench.
3. Place the left side sign against the bracket and secure it using two 1/4-20 bolts and two flat washers. Place the right side sign against the bracket and secure it using two 1/4-20 bolts and two flat washers.

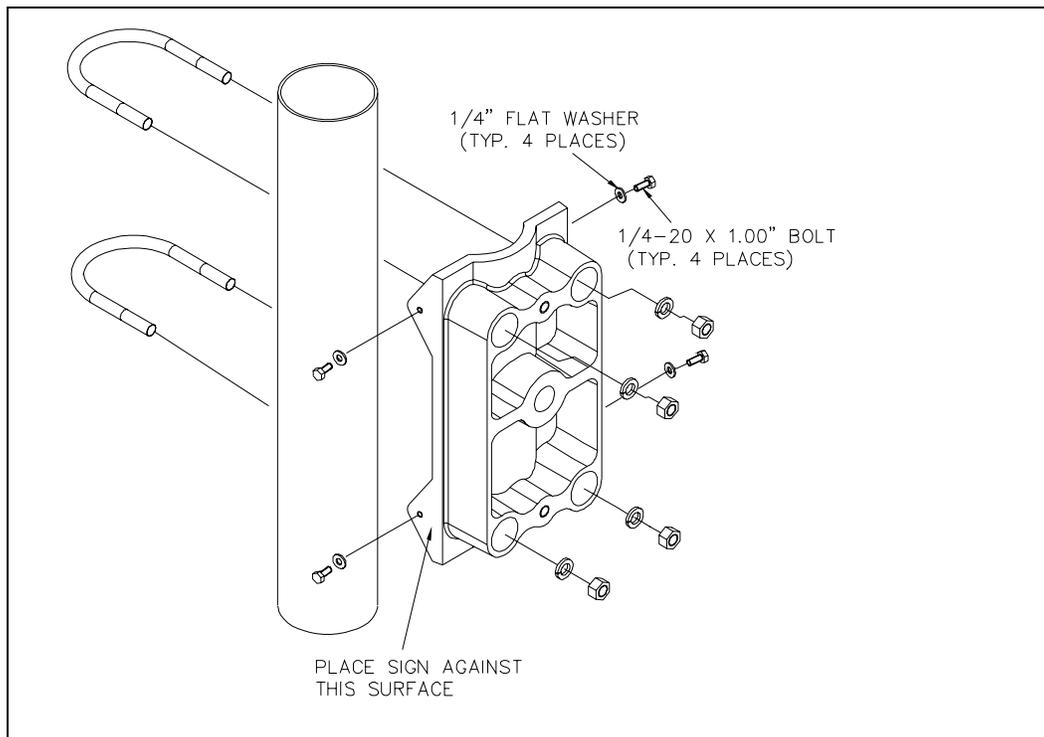


Figure 2. Sign Mounting Bracket Assembly

Warranty

Equipment. GAI-Tronics warrants for a period of one (1) year from the date of shipment, that any GAI-Tronics equipment supplied hereunder shall be free of defects in material and workmanship, shall comply with the then-current product specifications and product literature, and if applicable, shall be fit for the purpose specified in the agreed-upon quotation or proposal document. If (a) Seller's goods prove to be defective in workmanship and/or material under normal and proper usage, or unfit for the purpose specified and agreed upon, and (b) Buyer's claim is made within the warranty period set forth above, Buyer may return such goods to GAI-Tronics' nearest depot repair facility, freight prepaid, at which time they will be repaired or replaced, at Seller's option, without charge to Buyer. Repair or replacement shall be Buyer's sole and exclusive remedy. The warranty period on any repaired or replacement equipment shall be the greater of the ninety (90) day repair warranty or one (1) year from the date the original equipment was shipped. In no event shall GAI-Tronics warranty obligations with respect to equipment exceed 100% of the total cost of the equipment supplied hereunder. Buyer may also be entitled to the manufacturer's warranty on any third-party goods supplied by GAI-Tronics hereunder. The applicability of any such third-party warranty will be determined by GAI-Tronics.

Services. Any services GAI-Tronics provides hereunder, whether directly or through subcontractors, shall be performed in accordance with the standard of care with which such services are normally provided in the industry. If the services fail to meet the applicable industry standard, GAI-Tronics will re-perform such services at no cost to buyer to correct said deficiency to Company's satisfaction provided any and all issues are identified prior to the demobilization of the Contractor's personnel from the work site. Re-performance of services shall be Buyer's sole and exclusive remedy, and in no event shall GAI-Tronics warranty obligations with respect to services exceed 100% of the total cost of the services provided hereunder.

Warranty Periods. Every claim by Buyer alleging a defect in the goods and/or services provided hereunder shall be deemed waived unless such claim is made in writing within the applicable warranty periods as set forth above. Provided, however, that if the defect complained of is latent and not discoverable within the above warranty periods, every claim arising on account of such latent defect shall be deemed waived unless it is made in writing within a reasonable time after such latent defect is or should have been discovered by Buyer.

Limitations / Exclusions. The warranties herein shall not apply to, and GAI-Tronics shall not be responsible for, any damage to the goods or failure of the services supplied hereunder, to the extent caused by Buyer's neglect, failure to follow operational and maintenance procedures provided with the equipment, or the use of technicians not specifically authorized by GAI-Tronics to maintain or service the equipment. **THE WARRANTIES AND REMEDIES CONTAINED HEREIN ARE IN LIEU OF AND EXCLUDE ALL OTHER WARRANTIES AND REMEDIES, WHETHER EXPRESS OR IMPLIED BY OPERATION OF LAW OR OTHERWISE, INCLUDING ANY WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

Return Policy

If the equipment requires service, contact your Regional Service Center for a return authorization number (RA#). Equipment should be shipped prepaid to GAI-Tronics with a return authorization number and a purchase order number. If the equipment is under warranty, repairs or a replacement will be made in accordance with the warranty policy set forth above. Please include a written explanation of all defects to assist our technicians in their troubleshooting efforts.

Call 800-492-1212 (inside the USA) or 610-777-1374 (outside the USA) for help identifying the Regional Service Center closest to you.