



GAI-TRONICS®
A HUBBELL COMPANY

Model 415A and 415A-EP Speaker Mounting Bracket Assemblies

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General Information

The Model 415A and 415A-EP Speaker Mounting Bracket Assemblies include the following components:

Qty	Description	Figure ID #
1	Aluminum oval cover	3
1	Galvanized conduit pipe	4
1	Aluminum elbow	5
1	Bushing	6
1	Gasket for oval cover	7
1	Aluminum wall mounting bracket	9
1	Aluminum mounting bracket adapter	10
2	Hex nuts	11
2	Washers	12
2	Stainless steel screws	13
2	3/8-16 carriage bolt	14
1	Locknut	15



When using any explosion-proof (Div. 1) speaker or driver unit, explosion-proof fittings must be used for electrical connection.

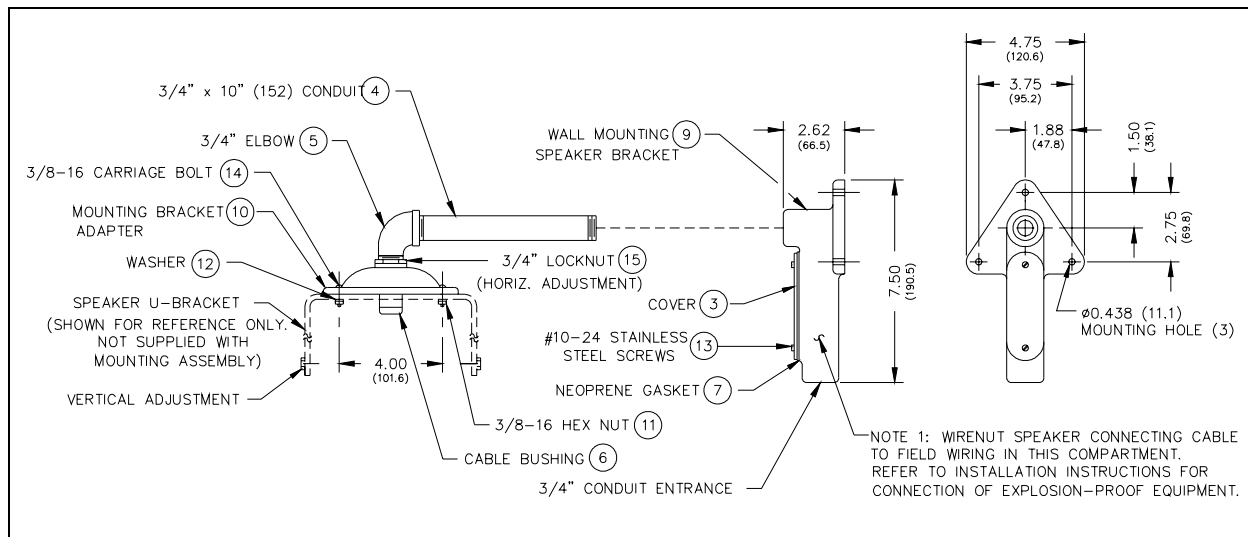


Figure 1. Speaker Mounting Details

Installation

Refer to Figure 1 for the location of the items with ID numbers.

1. Secure the wall mounting bracket (ID# 9) to the wall. Mounting hardware is not included.
2. Thread the cable bushing (ID# 6) to the mounting bracket adapter (ID# 10). Do not tighten the cable bushing nut.
3. Thread the locknut (ID# 15) onto the 3/4-inch male portion of the elbow (ID# 5).
4. Secure the speaker to the mounting bracket adapter (ID# 10) via the U-bracket supplied with the speaker and the carriage bolts (ID# 14), nuts (ID# 11), and washers (ID# 12) supplied with the kit.
5. Thread the 3/4-inch male end of the elbow (ID# 5) into the mounting bracket adapter (ID #10).
6. Thread the one end of the conduit pipe (ID# 4) into the elbow and the other end into the wall mounting speaker bracket (ID# 9).
7. Feed the SO cord through the cable bushing and down the pipe assembly to the oval opening of the wall mounting bracket for connection to the speaker/amplifier.
(Note: For speaker driver installation, refer to the publication supplied with the equipment.)
8. Tighten the cable bushing nut. See Note 1 in Figure 1.



NOTE

When using any explosion-proof (Div. 1) speaker or driver unit, the speaker mounting assembly may be used only to support and orient the speaker. Explosion-proof fittings must be used for electrical connections.

9. Secure the gasket (ID# 7) and the cover (ID# 3) using the screws provided (ID# 13).

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.

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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.