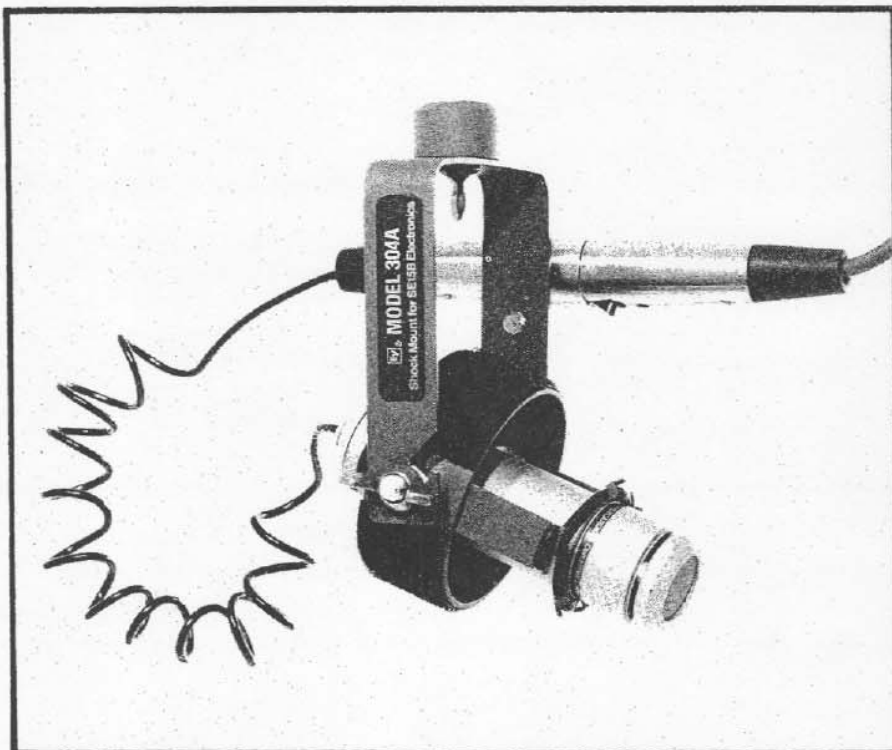




Electro-Voice®
a gulton company

Model 304A Miniature Shock Mount

SPECIFICATIONS

Material:

Steel

Finish:

Non-reflecting gray

Dimensions:

56 mm (2.21") long

104 mm (4.1") wide

109 mm (4.3") high

Weight:

119 g (4.2 oz)

Suspension:

Neoprene shock cords

Rotation:

360° swivel

Accessories Included:

5/8" -27 stand adapter

DESCRIPTION AND APPLICATIONS

The Electro-Voice 304A miniature shock mount is specifically designed to provide excellent shock isolation for the SE15B electronics used in the CH15S microphone system, in conjunction with the 317 windscreen. The CO15E and CS15E condenser heads may also be used in this configuration. The 304A may be attached directly to the boom head, fishpole, floor stand, etc. A stand adapter with 5/8" -27 thread is provided for use in the 3/8" bail mounting hole. The hook material surrounding the shock mount support ring provides easy attachment/detachment of the 317 windscreen.

The 304A design allows quick installation of the SE15B and CH15E without tools. Neoprene shock cords suspend and support the microphone within a steel framework to effectively isolate it from mechanical shock and vibration. Two notches in the shock mount bail allow quick release of the shock mount support, windscreen, and microphone system as an entire unit without disassembly.

REPLACEMENT PARTS

Should the rubber suspensory ligaments (shock cords) wear out through excessive use, deteriorate due to atmospheric exposure, or in any way change, new ones may be ordered from Electro-Voice, Incorporated, Buchanan, Michigan 49107, Attention: Miscellaneous Parts Department. Refer to Figure 3 for part numbers of any other parts of the 304A you may need to order.

ASSEMBLY INSTRUCTIONS

The 304A mini shock mount is easily assembled.

First, place the stabilizing collar over the threaded end of the SE15B. Secure it in place by screwing the CH15E head down onto the electronics. The head and the electronics will effectively

"pinch" the stabilizing collar and hold it in place.

Insert the Switchcraft A3M connector and coiled cable of the SE15B through the front shock cord. The front of the 304A corresponds to the long portion of the support arms (the notch in the support ring should face the rear). Put a twist in the rear shock cord as shown in Figure 1, and then pull the A3M connector and coiled cable of the 304A through, along with the SE15B electronics, until the head and stabilizing collar clear the front shock cord. Now put a twist in the front shock cord and reinsert the head, pushing the SE15B electronics back through until the stabilizing collar is in place. Fit the shock cord into the stabilizing collar and insert the A3M connector in the clamp provided. Refer to Figure 2.

Use of the 317 windscreen is a simple matter with the 304A. Place the coiled cable in the slot provided in the support ring and attach the two windscreen sections to the hook material surrounding the support ring.

The microphone/windscreen assembly is now inserted into the 304A shock mount bail and you are ready for action.

Specifications subject to change without notice.

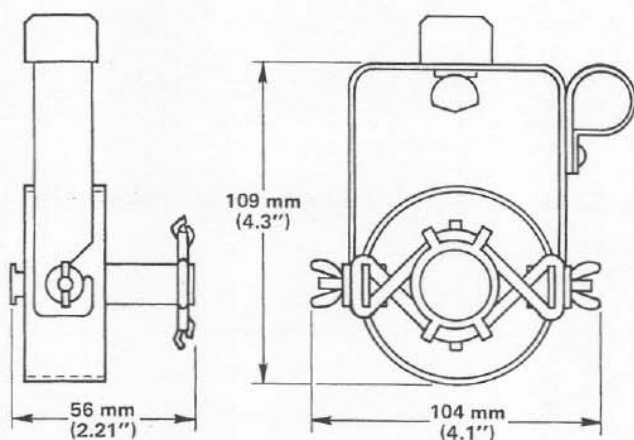


FIGURE 1 – Dimensions

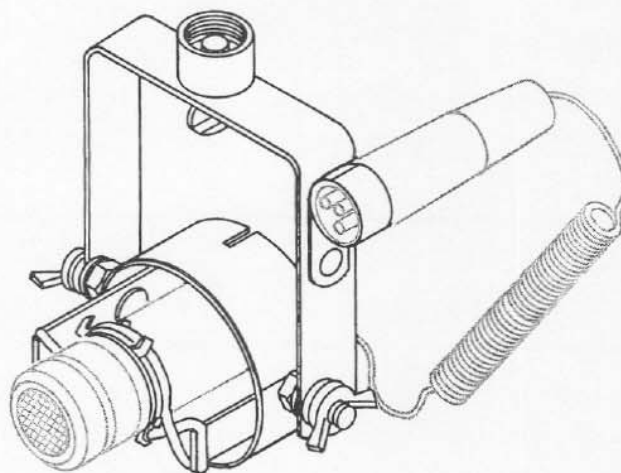
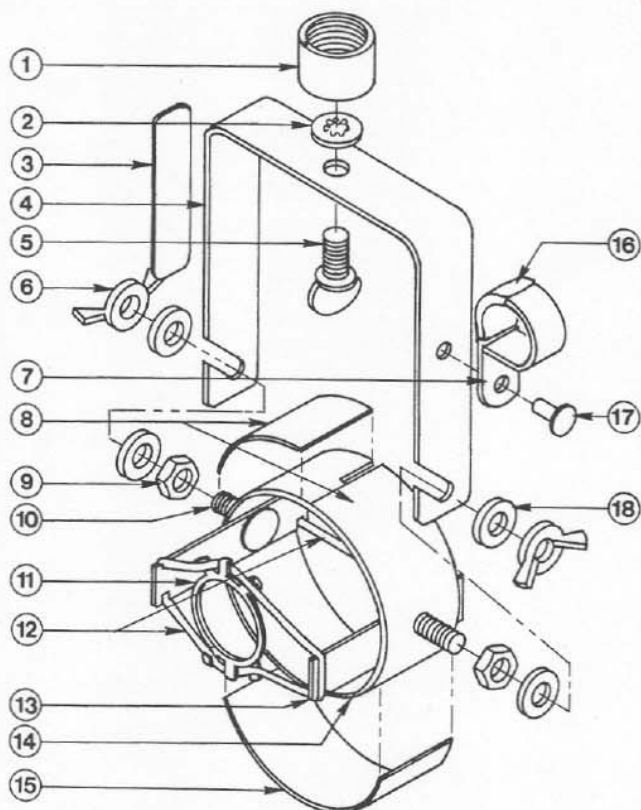


FIGURE 2 – Assembly Drawing



BILL OF MATERIAL FOR ONE COMPLETE UNIT

Item	Part No.	Req'd	Description
1	B2473	1	Stud
2	78597	1	Centering ring
3	A48551	1	Nameplate
4	70566	1	Bail, shock mount
5	20743	1	Bolt, 1/4 - 20 x 1/2, wing
6	20136	2	Nut, 1/4 - 20 wing
7	20250	1	Clamp, cable
8	A55016	2	Fastener, hook, black, 1.45 lg
9	20023	2	Nut, 1/4 - 20, hex
10	62800	2	Bolt, 1/4 - 20 x 3/4, carriage
11	70298	1	Retainer, shock mount
12	28257	2	"O" ring
13	70564	2	Support arm
14	70565	1	Support, shock mount
15	B55016	1	Fastener, hook, black, 3" lg
16	A66076	1	Tubing, 1/2 I. D. x 1/2 lg
17	20133	1	Rivet, 3/16 dia x 1/4 lg
18	38665-DH	4	Washer, 1/4" steel, plain.

FIGURE 3 – Assembly Exploded View