



INSTALLATION OF WEATHERPROOF BOX 19D402619-G1 & G2

LB1-3662 A
DF-9013

The General Electric Weatherproof Box is designed to protect Mastr Progress Line Two-Way mobile radios from weather damage when the radio is mounted in an unprotected location. The front cover is fastened to the box by two catches that can be padlocked for protection against tampering or theft. Maximum heat dissipation is provided by four spring assemblies which conduct heat from the transmitter and receiver modules to the aluminum box. The application, dimensions and weight of each box is shown in the following chart.

WEATHERPROOF BOX	USED WITH	HEIGHT	LENGTH	WIDTH	WEIGHT	OPTIONS
19D402619-G1	Standard MASTR Mobiles	6"	21.8"	16"	14-3/4 lbs.	7013
19D402619-G2	MASTR Mobiles with Dual Front End	6"	25.4"	16"	17 lbs.	7014

WEATHERPROOF BOX

An optional Mounting Bracket Kit (see Fig. 1) and Cable Entrance Kit (see Fig. 2) may be used to facilitate the installation. Select a mounting location with sufficient room for the radio to be pulled out of the box for servicing, and with room enough for the Cable Entrance Kit (or other hardware) to be mounted on the back of the box. Mount the Weatherproof Box by one of the methods shown in Figure 1.

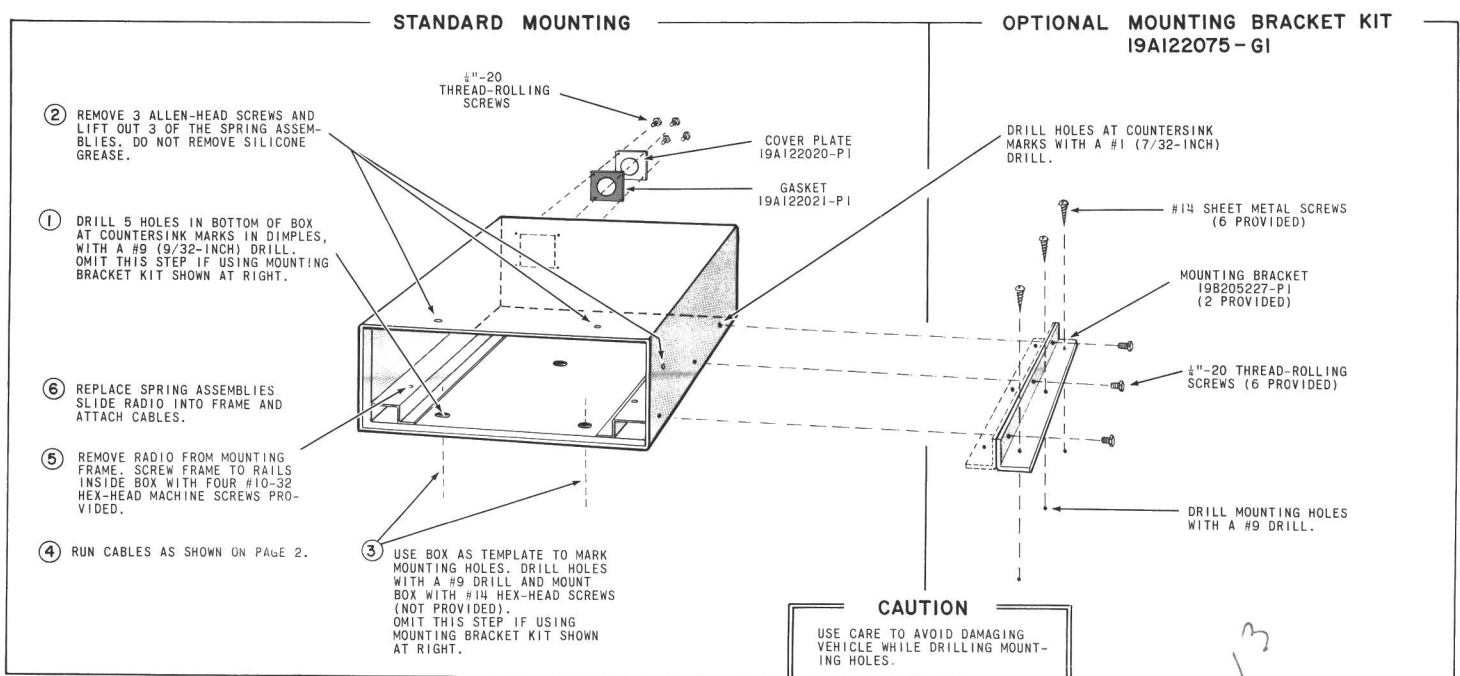


Figure 1 - Mounting the Weatherproof Box

CABLE ROUTING

Exposed cable runs to the Weatherproof Box may be protected from damage by the use of 1-1/4 inch pipe, conduit, rubber hose and the proper fittings. Run the power, control and antenna cables into the Weatherproof Box through the Cover Plate and Gasket, using the optional G-E Cable Entrance Kit 19A122083-G1 or other 1-1/4 inch entrance fixture. It may be necessary to disassemble the 25-pin male control cable plug before running the cable. The cable leads are numbered for ease of re-assembly.

Run the cables under the mobile mounting frame to the front of the radio. Leave two and a half feet of slack cable inside the box. If the Cable Entrance Kit is used, assemble the Kit as shown in Figure 2.

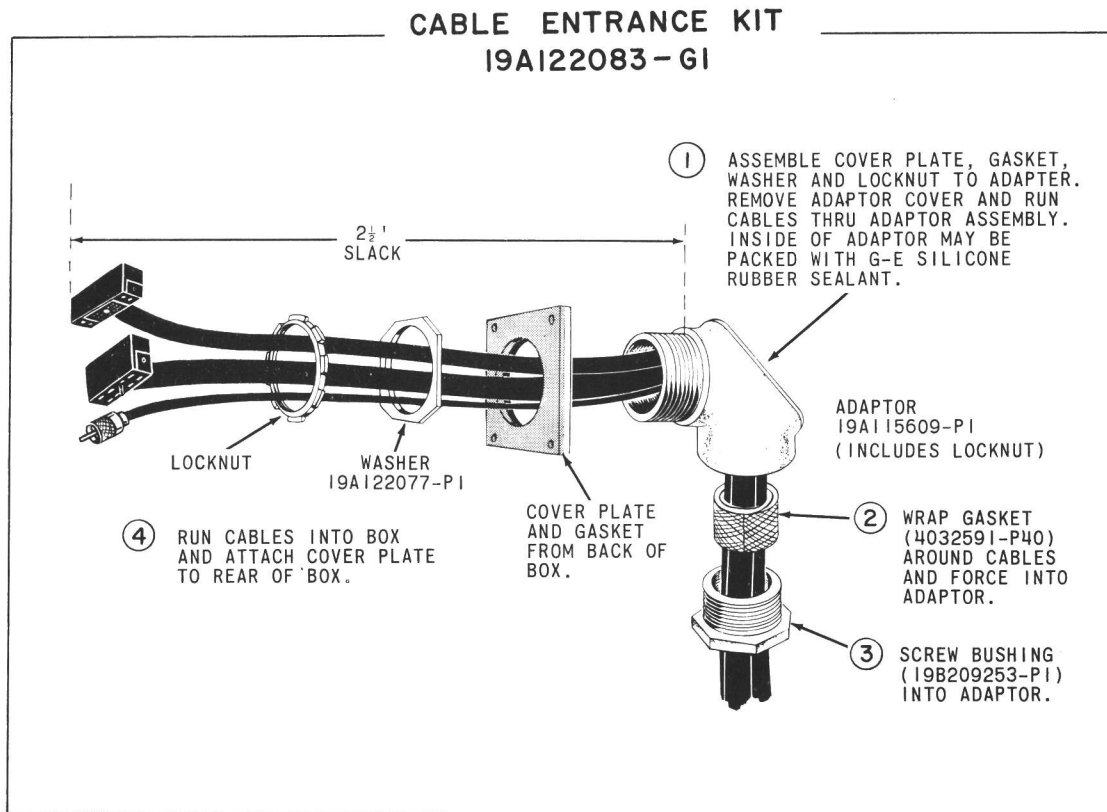


Figure 2 - Assembling Cable Entrance Kit 19A122083-G1

SERVICING THE RADIO

Disconnect the cables from the front of the radio, and slide the radio out of the Weatherproof Box. Set the radio on top of the box and reconnect the cables.

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