

Bullhorn® Technical Tip

To prevent radio frequency (RF) interference from coupling or transferring to the Bullhorn® GSM unit through the battery cable, American Innovations (AI) recommends that you install a ferrite filter on the battery cable of the AMR6-GSM, SDT16-GSM or APM4AM-GSM unit.

Figure 1. Ferrite Filter Installation

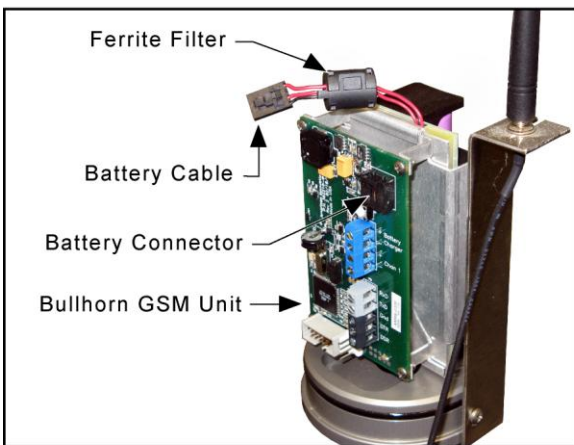
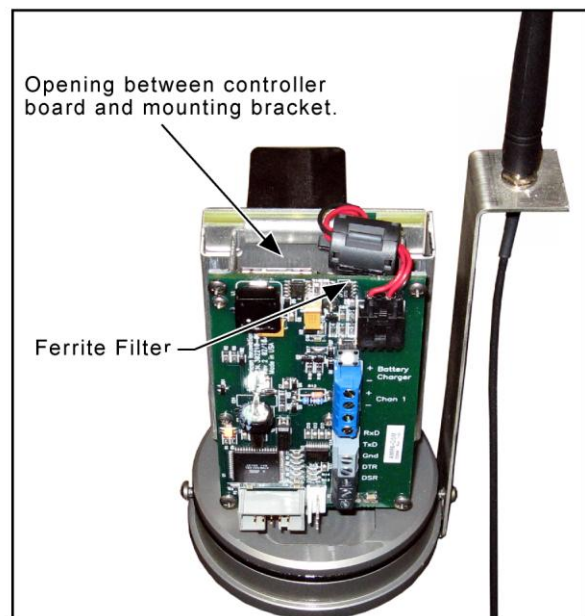


Figure 2. Placing the Ferrite Filter



GSM radios include technology inherent in the design of the radio that allows cellular towers to instruct the radio to increase power when the communication signal is weak. By increasing the power level, it becomes more likely that RF interference may occur. GSM radios operating with normal power typically do not experience RF interference.

To counteract the possibility of RF interference, AI now includes a ferrite filter with each Bullhorn GSM order. For customers who have purchased a GSM unit and did not receive a ferrite filter with the unit, please call Technical Service at **1-800-229-3404** to request that a ferrite filter be shipped to you free of charge. Installation instructions are available in the manual entitled “Ferrite Filter Installation Addendum (GSM Only)”, part no. 122122-000. The manual is available for download on the Technical Help and Support Files web page of your Bullhorn website account (<http://www.bullhornsys.com>).

If you need assistance with the ferrite filter installation or would like more information, please call Technical Service at 1-800-229-3404.