

SUPPLEMENTAL ANTENNA INSTALLATION INSTRUCTIONS

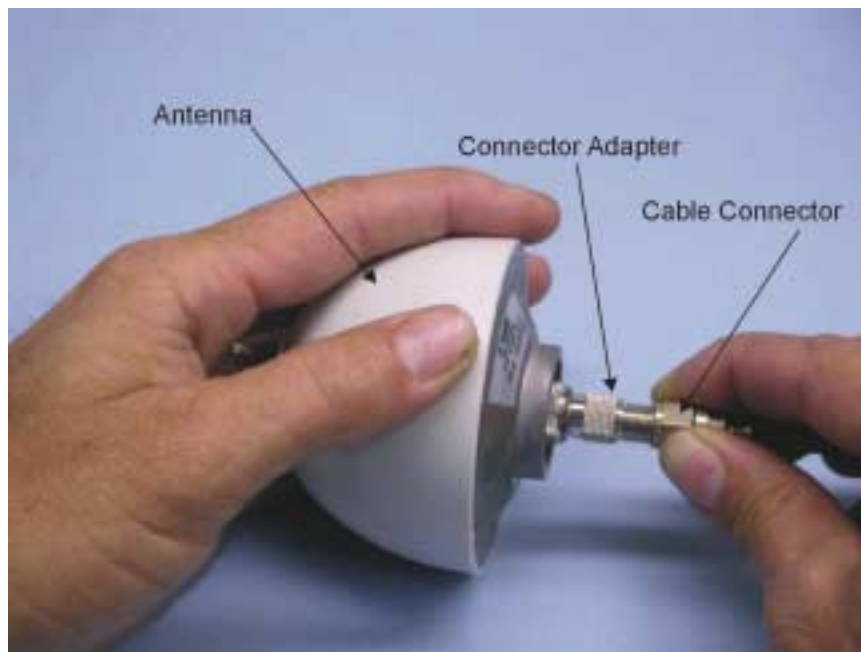
Caution: Failure to follow these instructions may cause antenna failures that are not covered under the normal warranty.

Introduction

Note that this information is intended to augment the antenna and cable-mounting instructions already contained in the operation manual for this equipment. Standard installation of the GPS antenna used with all Arbiter GPS products requires threading the male F-connector attached to one end of the antenna cable to a connector adapter attached at the bottom of the antenna. Use care not to twist or rotate the antenna or cable when connecting them as it may damage the center pin of the antenna assembly and cause the antenna to fail.

Installation Procedure

1. Route the antenna cable through a piece of 3/4" PVC nipple for mounting prior to connecting to antenna. Do this now if it has not been done.
2. Carefully hold the antenna in one hand and the F-connector in the other hand, as shown below. Do not remove the connector adapter from the antenna, as the antenna connector (Type TNC) does not match the cable connector (Type F).



3. Insert the cable F-connector into the female F-connector on the bottom of the connector adapter and twist the connector nut clockwise with fingers until it has engaged the threads of the antenna connector. **DO NOT ROTATE THE ANTENNA OR CABLE TO CATCH THREADS!**
4. Continue tightening the nut using your fingers until snug with the connector adapter.
5. Thread the PVC mounting pipe into the receiving threads of the antenna.
6. Mount antenna to structure.



Removal Procedure

1. Dismount the antenna from structure and remove mounting pipe.
2. Loosen the F-connector nut using suitable tool. **DO NOT ROTATE THE ANTENNA OR CABLE** in relation to each other.
3. Remove the antenna.

Additional Assistance

For additional assistance on mounting the GPS antenna not found in the Operation Manual, or in this tech sheet, please contact Arbiter Systems technical support at the information listed below.

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