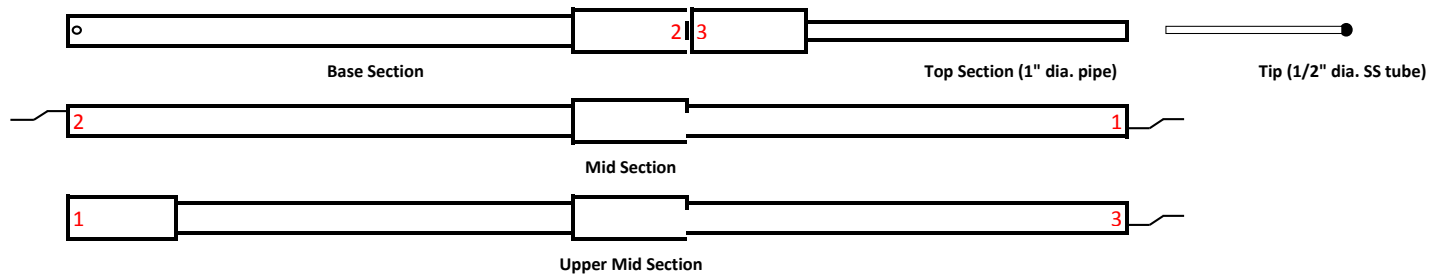
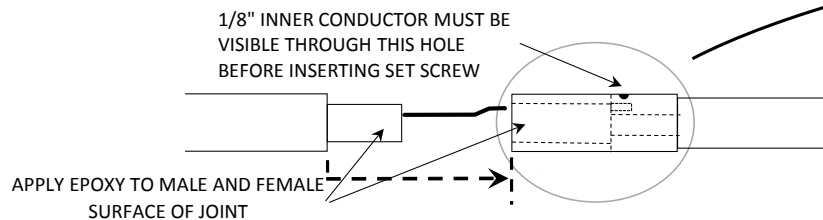
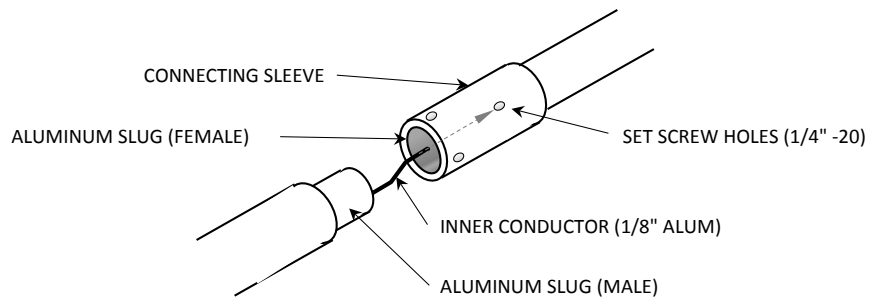


MORAD 10dB "Big Talker" VHF Antenna (146, 156 or 162 Mhz)

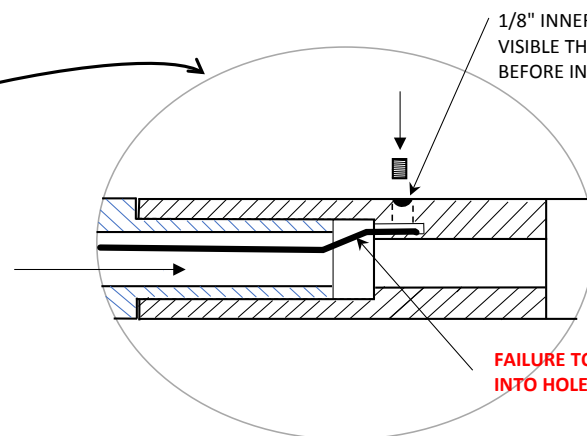
4 Piece Version



NUMBERS SHOWN ON ENDS ARE MARKED FOR SHIPPING AND ASSEMBLY REFERENCE



DETAIL: FIELD JOINTS (3 THE SAME)



FIELD JOINT DETAIL - SECTION

NOTE: IF SET SCREW FAILS TO TIGHTEN DOWN HARD, CONDUCTOR IS NOT INSERTED INTO HOLE AND MUST BE REMOVED AND RESET



ADDENDUM FOR 4 PIECE 10DB “BIG TALKER” VHF ANTENNA

Morad offers our popular 10dB antennas in a 4-piece configuration to allow for inexpensive UPS Ground or USPS shipping. If you are familiar with our standard 2-piece model the 4 piece is the identical antenna, but instead of making the 2 joints up in the factory, those are made in the field.

The 4 piece 10dB antenna requires 3 field joint connections. All 3 joints are made in the same way.

WE STRONGLY RECOMMEND A PRACTICE RUN DRY FIT BEFORE APPLYING THE EPOXY TO ENSURE A SMOOTH ASSEMBLY!

1. For shipping purposes, the base has been attached to the tip. Separate the joint labeled 2 – 3. Your antenna is now ready to be assembled.
2. Refer to the drawing to determine the base, mid, upper-mid, and top sections of the antenna. The numbers (removable sticky labels) indicate the joint number and the order which you will assemble the joints.
3. Align the numbered markings both labeled #1. Slide the joint together with the alignment marks aligned. The 1/8" dia. aluminum rod (inner conductor) should slide easily into the receiver. The end tip of the conductor should be visible through the 1/4" set screw hole on the connector sleeve 4-1/8" up from the bottom.
4. After confirming a good dry-fit test run you can assemble the joint using the included 2 part epoxy kit provided. One epoxy kit is used for each joint. Apply a thin film of epoxy to the outer surface of the male connector and the inner surface of the female connector.
5. Check to see that the inner conductor can be seen inside the set screw hole (see detail on drawing). If you attempt to install the set screw and the conductor is not properly seated in the hole, the set screw will not tighten down. Separate the joint and reinsert. You may need to slightly spring/bend the conductor towards the OD of the connection to get it to align with the insert hole.
6. Close the gap by firmly pushing the joint together.
7. Fill the set screw holes with epoxy then insert and tighten the set 4 set screws. Wipe off excess epoxy.
8. Make joints 2 and 3 up in the same way, dry-fit first to confirm alignment and then apply epoxy.
9. Let all epoxied joints dry/set for 24 hours before moving.