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# SWAP SHOP



## Stabilizing the Long Whip Antenna for the PRC-119

The long whip antenna for the PRC-119 has always had one problem with its design—the base is prone to breaking. This is both disabling when conducting a mission and expensive to fix (about \$235).

Two soldiers in my company came up with a cheap inexpensive fix for this problem:

Buy a length of one-inch PVC pipe at a hardware store. Unscrew the piece of the antenna that attaches to the radio by placing a quarter in the slot at the bottom of the antenna, and turn it using a Gerber Tool.

Next, cut a piece of the PVC pipe approximately one and five eights inches (plus or minus one sixteenth inch).

Slide this section of pipe over the bottom of the base until it firmly pushes against the top of the base. Then replace the bottom of the base and retighten the screw to hold it in place.

Try to rotate the bottom of the base. It should be a little tight until the PVC pipe is worn in. Over time, the PVC pipe will wear, so it may need to be replaced approximately every six to eight months.

*(Contributed by Captain Joshua Reitz, Company B, 1st Battalion, 187th Infantry, Fort Campbell, Kentucky.)*

