

## HOW TO REPAIR A BROKEN WHIP ANTENNA WITH WIRE GLUE

Wire Glue can be used to repair whip antennas such that their electrical and mechanical properties will be as good as the original antenna.



1. To use this product you will need some tools: 1) wire cutters, 2) some bare copper wire, typically 22 gauge -- this could be a piece of hookup wire on which you have stripped off the insulation, Superglue, vinyl electrical tape, and an alcohol swab.

2. The first thing you need to do is mix the Wire Glue properly. Pour off the liquid on the top of the jar into a paper or plastic cup. Then mix the conductive glue on the bottom of the jar thoroughly with a stick, then reintroduce the liquid you just poured off back in, until you have a thick, creamy mixture. Your Wire Glue is now ready for use.

3. Clean the antenna around the area of the break and the bare copper wire with an alcohol swab to remove any dirt or grime build-up.

4. Then wrap the antenna break with the copper wire.



5. Coat this area with Wire Glue using a wooden stir stick.



6. Then you want this material to set up. The best way to do this is to slowly rotate the antenna in front of a hair dryer to get an even set.

7. Then apply a second coat of Wire Glue.

8. Allow this to dry in a similar way.

9. Make sure it is thoroughly hard before you go on to your next step. You can get it to completely harden by leaving your project overnight, or if convenient, you can put your project into an oven set to a low temperature, around 150 degrees F, which will speed the process up.

10. Then cover your joint with a Superglue. This will give it extra strength.

11. Finally, overwrap your connection with vinyl electrical tape.

This will complete your repair.

