

TET-EMTRON

TE-EA

HF Emergency Antenna

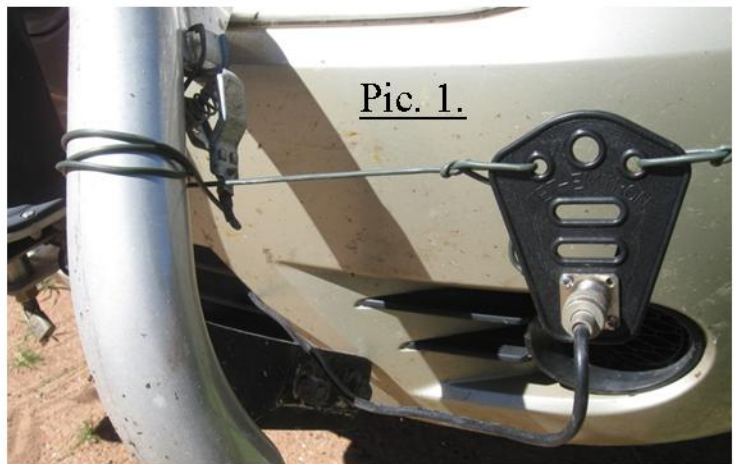


This portable emergency antenna is primarily designed to be used as a back up should your normal mobile antenna fail. It can be used in a variety of ways and although it may not be at perfect resonance, it will still be in the ballpark and allow your transmitter to work, getting you out of trouble. Deployment possibilities are varied with the ideal scenario to park your vehicle about 15 metres from a tree branch that you know you could throw a stone or stick over. If there are no trees around or your car is not mobile, the next best thing would be to lay the antenna wire over some bushes or if you have to, on the ground, the drier and sandier (up over a sand hill) the better.

| Full Out | 6796 | 7652 | 7899 | 8022 | 10180 | 11612 | 13910 |
|----------|------|------|------|------|-------|-------|-------|
| 5127 | 6790 | 7652 | 7899 | 8022 | 10180 | 11487 | 13910 |
| 5135 | 6793 | | | | 10203 | 11612 | |
| 5270 | 6796 | | | | | | |
| 5455 | | | | | | | |

Instructions.

1. Unclip the bulldog clip and unwind the 1 metre long earth wire up to the plastic joiner with the coaxial connector.
2. Disconnect the coaxial cable from your mobile antenna and screw it onto the emergency antenna.
3. Wrap the earth wire around some fitting (bullbar, ect a few times to take the strain of the antenna, as in PIC.1. Then clip the bulldog clip on to some earthing point i.e the bottom of your mobile antenna or its earth strap. **Do it in such a way as to not put pressure on your coaxial cable and fitting, as you risk separating the coax and the connector.**
4. Unwind the antenna from the winder in the direction you need to go to be able to throw it over a branch. You will notice that the antenna has small pieces of heat shrink with frequencies marked in kilohertz at points along the antenna.
5. Roll it out until you get to the channel frequency you want, (using the table of frequencies above), and then hook it around the winder hook as in PIC 2.



6. Anywhere around the frequency will be OK, but set it short rather than long, you do not need to duplicate the picture exactly.
7. Throw the rope up over the branch if you are using a tree. I use a rock or stick using the loop to make a hitch, as in the PIC 3 and 4. Use the rock like a sling, or a stick like a boomerang. **Don't use your best shifter. If it wraps around the branch you may never get it back. (Don't ask me how I know.)**
8. Pull the antenna up off the ground and make the rope fast. Some times the weight of the rock or stick is enough to hold tension.

The TE-EA Emergency HF antenna is now ready to use.



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Antenna Manufacturers.

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