

ANTENNA MOUNTING-MOBILE

MY WAY

People are always asking me, "Where is the best place to mount my antenna"? 95% of the time - the antenna - turns out to be a \$10 Special from the local discount store, JUNK! Have to fight back the urge to tell them where it should really be mounted...

I very seldom do any antenna installation as it is always needed when 100+ in the shade; and 10 above (with wind chill factor of -40). Very easy to discourage people with a 100\$ minimum labor charge, and they have to leave their car. (Laugh, I do it all the time..!)

Whenever doing antenna work use ball mounts or magnetic mounts. Trunk deck mounts are utilized in some cases where the radio has a 'large bandwidth'. As a 102" whip won't do it.

When using a ball mount the first thing I do is 'throw away' all the exterior nuts/bolts/screws/washers, and utilize BRASS components for permanent installation. Silicon rubber is used to 'seal' the mount.

For Large/Middle size cars: mount on trunk lip, or ball mount on the trunk deck itself, using separate large plate underneath to prevent flexing of the metal (Old beer cans, in these new cars will flex readily!)

Small cars: Clamp bumper ball mount, trunk mount, in some cases will have to build a special bracket for ball mount so can attach to frame as no place to attach to bumper.

If a Slope back or Station Wagon try to talk into a magnetic mount, for top of the vehicle.

Pick-Up truck: ball mount on the pass. side of cab, magnetic mount, or mirror mount antenna. (To me nothing looks funnier than pick-up running down the road with dual mirror mounts)..

Vans: Magnetic, mirror mount, or ball mount (ball mount-up high on the side of van-not low or in the middle, will have SWR problems if not.)

If radio is stock Fo's, suggest 4' whip instead of 102" for the following reason: The large van body will pick up static electricity and if any electrical interference is around will attract. Use a lightning arrestor...I ran into this problem \$\$ wiped out voltage regulator, and blew-up the battery! Didn't hurt the Radio?

Arcing will sound like a loud pocket watch out of time - Watch Out!

Whenever doing any antenna wiring exposed to the elements; I use Marine Coaxial cable also; it costs a little bit more - but worth it!

REMEMBER ABOVE IS THE WAY I DO IT...AS YOU CAN GATHER I DON'T DO MUCH ANTENNA WORK - DONE MY WAY OR FIND SOMEONE ELSE TO DO IT - BW.....

SPECIFIC TUNE-UP

OMNIVOX MDL. CB-1000: (LC7130-PLL, some have LC7131-PLL).

S Mtr-VR4, RF Mtr-VR3, Sq Rng-VR5

Tx: T7, L7, L10. Rx: T1, T2, T3, T4, T5.

(Schematic on this unit wasn't good/clear; but think that C207-electrolytic cap; is the AMC defeat if needed.)