

GROUNDING MOBILE

- 1-Your power cord is not sufficient for RF ground. A separate cable must be used, (Belden 8663 or you may strip the shielding from 6 pieces of old coax). A length of hookup wire will not work for RF ground. The thing you must remember about RF is that it travels on the surface of the conductor and you must have a large surface to conduct RF.
- 2-Rust and oxidization will not pass RF because it is on the surface of the material. All connections must be rust free and clean. Remember rust and oxides disrupt RF path's and ground connections.
- 3-The antenna must have a ground plane of 108 inches to work properly.
- 4-You can not measure RF ground with a ohmmeter. A special RF Bridge must be used.
- 5-The rule of thumb is,if it is clean, bright, and shiny it is a good RF ground.
- 6-All insulated joints such as hood, trunk, and side mirror's must have a ground strap to the car body.
- 7-Silicon or zinc ointment will help oxidization from causing you trouble at your antenna by keeping it down.
(I prefer zinc ointment).

*****COPS! WE COOFED!*****

CORRECTIONS FOR VOLUME 4

Page 50-should be Clarifier Modification R187 (Cut)

Page 45-Under item 4,R301 should be R310

Page 5--Item 7, the drawing is found on page 35.

SPACE BELOW FOR YOUR PERSONAL NOTES