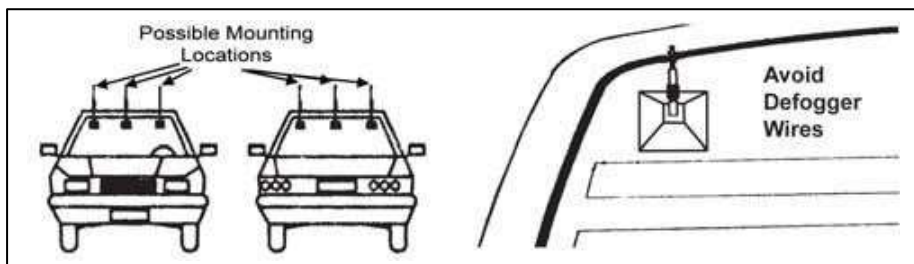


## On Glass Antennas - Installation Instructions

Nova Code: **ANT-M-501 V H F**

- Before mounting the Antenna, move the Vehicle to a shaded location.
- The ideal temperature for installation is between 21°C to 37°C.
- **Do not remove the paper backing** from the Coupler Box or the Antenna Base until **Step 4**. Once you stick the Coupler Box or the Antenna to the Glass, you cannot remove it without damaging it.



- STEP 1: Select a location for the Antenna. i.e. top center of rear window or on windscreen that:-
- ☐ Does not block Driver's view
  - ☐ Does not interfere with windshield wiper operation
  - ☐ Is not coated with metal film, i.e. smash and grab
  - ☐ Is not within 40mm of a demister or metal trim
- STEP 2: Check to see that the desired position of the Antenna and Coupler Box location does not interfere with your vehicle's normal operation and Driver's view.
- STEP 3: Use the supplied alcohol pad to clean the inner and outer surface of the glass at the mounting location. Allow the glass to dry before continuing.
- STEP 4: Remove the paper backing from the Coupler Box and carefully position it over the mounting location on the inside of the vehicle.  
Then press firmly into place for 5 seconds.
- STEP 5: Remove the paper backing from the Antenna Base and carefully position it at the mounting location, directly on top of the Coupler Box on the outside of the glass.  
Them firmly press into place and hold it for 5 seconds.
- STEP 6: Route your Cable from the Radio to the Antenna (Coupler Box)
- STEP 7: Screw the Coaxial Cable to the Coupler Box (mini UHF Connector).  
Screw the Coaxial Cable to the Radio (UHF Connector).
- STEP 8: Loosen the Antenna base's bolt and position the Antenna so it is vertical then tighten the bolt.

### TUNING THE ANTENNA:

- ☐ For best performance, tune the Antenna using an SWR meter (NOVA Code **TES-450**).
- ☐ Follow the SWR Meter's instructions to connect to your Radio and Antenna Cable.
- ☐ To adjust the SWR, use the supplied plastic tuning tool to rotate the tuning Capacitor on the Coupler Box.
- ☐ If an old internal Coupling box is re-used, it will need to be re-tuned.
- ☐ **Spare parts are available for the NOVA series of VHF and UHF On Glass Antennas to allow easy transfer from Vehicle to Vehicle, or to replace damaged items.**

### NOTE:

A very small change in the tuning Capacitor's setting can make a big difference in the SWR reading. Rotate the tuning Capacitor in very small increments.

**N.B. For instructions to install the UHF version (ANT-M-701), please refer to the separate page**

Specification subject to change without notice. Issue 1