



Suggested Installation Instructions for: 601-162, MBX-2 Fully Automatic Power Antennas 601-164, MBX-2 Fully Automatic Power Antennas

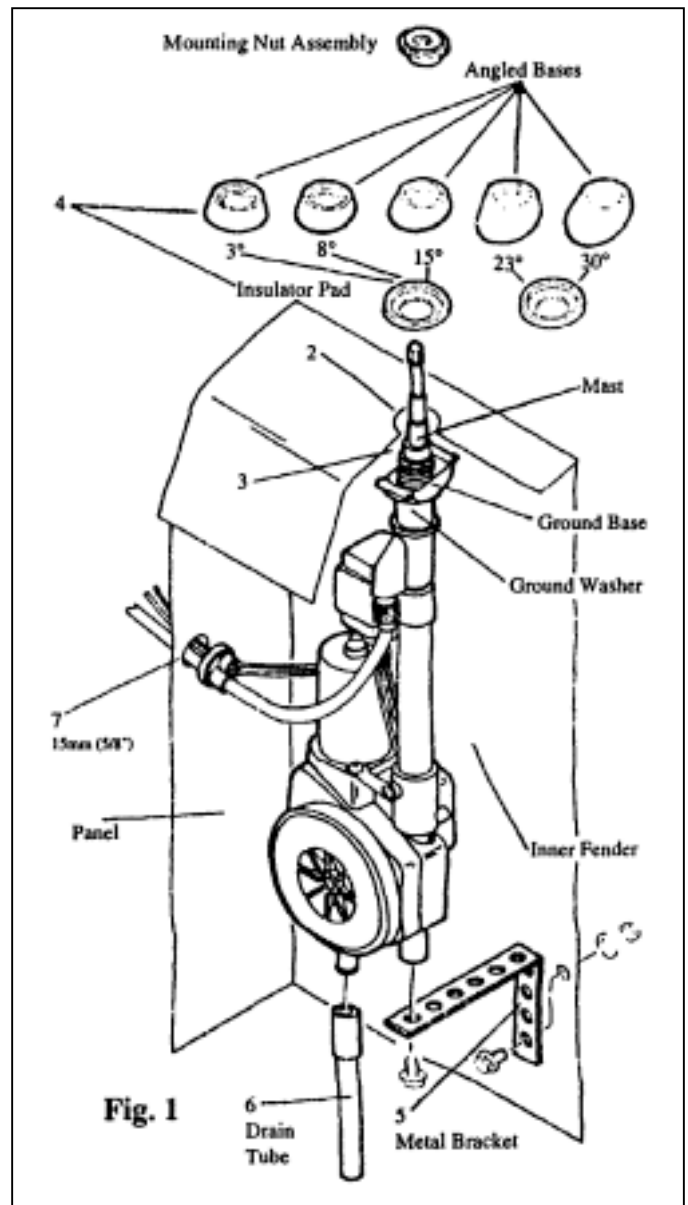
A) ANTENNA INSTALLATION

1. Select proper mounting location on front or rear fender (refer to application chart). Be certain that sufficient clearance is available on underside of fender for antenna mounting.
2. Drill a 7/8" diameter hole in fender at selected location. NOTE: If antenna is replacing existing antenna, make certain hole is 7/8" diameter.
3. To ensure proper grounding of antenna, attach factory ground strap to antenna base.
4. Disassemble mounting parts (Per Figure 1) and insert antenna through hole from underside of fender. Position antenna at desired angle using proper angle base and gasket, reinstall mounting parts, and tighten mounting nut.
5. Secure antenna motor frame to inner panel with perforated metal strap enclosed with antenna (See Figure 1).
6. Connect drain tube to bottom of motor housing. If trunk installation, connect longer drain tube (included in MCR-200 extension kit) to motor housing and route tube to underside of car.
7. Route antenna cable and electrical leads through existing holes to the car interior. When no factory holes exist, drill a 5/8" diameter hole to interior for wire routing. NOTE: Antenna cable unscrews for ease of installation or replacement. CAUTION: All holes in firewall should be resealed with fillers (available at parts stores).

B) WIRING:

Preliminary: Disconnect one battery cable. Connect antenna and radio in accordance with Figures 2 and 3 (on back side).

1. Connect antenna cable to the radio chassis antenna jack. Use extension wire for rear fender applications.
2. If the radio unit is equipped with power antenna lead, connect the GREEN lead of the antenna to radio lead. If radio is not equipped with power antenna lead, GREEN lead of antenna can be connected directly to on/off switch of radio. Remove cover from radio unit and locate on/off switch. Solder GREEN lead of antenna directly to cold side of switch (See Figure 4) and route wire through hole in radio chassis (Consult serviceman if necessary).



PRECAUTION: To insure best operation and maximum reception, wipe antenna mast with a dry cloth occasionally.

3. Connect RED lead from antenna to +12V supply (battery or hot side of ignition switch). Reconnect battery and test unit.

C) TUNING

1. To adjust AM band for maximum sensitivity, fully extend antenna and tune radio to AM station around 1000 kHz.
2. Using plastic alignment screwdriver, adjust AM trimmer of radio for maximum clarity and volume.

D) OPERATION

MX-2/MXB-2:

Due to the fully automatic operation of the MX-2/MXB-2 antennas, raising and lowering of the antennas can be accomplished in two ways:

1. By Radio Switch. In this mode the ignition is in the ON position with power to the radio. Turning radio switch ON will raise the antenna and turning radio switch OFF will lower the antenna.
2. By Ignition Switch. In this mode the radio switch is in the ON position. Turning the ignition switch to the ON position or starting the car will raise the antenna. Turning the ignition switch OFF will lower the antenna. NOTE: After fully extended or retracted, antenna motor stops automatically.

E) SPECIFICATIONS

Extended Length	800mm (31")
Antenna Sections	MX-2/MXB-2; 4
Cable Length	1400mm (55")
Under Fender Length	MX-2/MXB-2; 292mm (11.5")
Antenna Capacitance	80 pf

