

## MFJ-1734/1738 Glass Mount Antenna

---

---

**IMPORTANT:** Please read these instructions **completely** before attempting to install the MFJ GLASSMOUNT ANTENNAS!

---

---

### INSTALLATION INSTRUCTIONS:

**NOTE:** The following are pre-installation tips:

1. Try to avoid installation around defroster wires. If they are spaced one inch or more apart, center the antenna over one wire allowing it to pass between the horizontal coupling plates.
2. Do not mount the antenna on any heavily black-tinted area, or on an area where tinting film has been applied.
3. Do not install over an in-glass AM/FM dipole antenna.
4. Check to ensure that the auto glass to which you are installing the antenna is not "shattered" or "nicked". If so, do not install the MFJ Glassmount antenna.
5. Check your parts:
  - A. (1) One Whip with screw-base
  - B. (1) One Outside Glass base with seven set mounting positions
  - C. (1) One Inside Glass base with coax connector
  - D. 12 feet of Coax connection cable
  - E. (1) One BNC adapter for handheld radios
  - F. (1) One plastic heat-shrink wrap for coax connection protection
  - G. (1) One tuning tool (for inside use)
  - H. (1) One glass surface cleaning pad
  - I. Ground plane hook for inside connection (This part is only available in the MFJ-1734 Dual Band Glass Mount)

### INSTALLATION:

1. **The window glass should be neither too hot, nor too cold.** Room temperature would be best for installation. Note: You may wish to heat the glass before installation by using a blow dryer. Be careful not to overheat the installation portion of the glass.
2. **Plan your installation carefully!** Once you mount the antenna, you will have great difficulty in moving it. Be sure that you know **exactly** where you want the antenna and how you want to route the coax BEFORE installation. The upper portion of the front or rear windows are the best locations for installation. These portions of glass are the flattest and will allow the antenna to perform at its peak. Ensure clearance from the wiper-blades and leave at least 1" to 1 1/2" space between the antenna and the glass frame.
3. Clean the portion of the glass where you have decided to place your antenna with the supplied cleaning pad and glass cleaner. Let the area dry naturally.

(over...)

4. If you have the MFJ-1734 Dual Band Glass Mount, place your ground-plane hook (included with that package) under the nut on the coax connection (inside base) and tighten. The hook should be facing with ball at the top going with the coax connection.
5. Carefully place your inside base (with coax connector) over the cleaned portion of the inside glass. Peel the protective liner from the tape and place the base to the glass with the coax connector pointing down. Press firmly and ensure that all of the tape surface is in contact with the glass.
6. Connect your coaxial cable to the inside base coax connector and route the coax to your radio. Use the supplied BNC adapter to connect the coax to your handheld radio. Keep the tuning tool in an easily accessible location in relation to the inside base.
7. Place the outside base directly opposite of the inside base. Ensure that the inside base cannot be seen when looking directly at the outside base, and that the base is pressed down firmly on all sides.
8. Position the swing-arm portion of the outside base to your specifications and screw the whip tightly to the outside base. This completes the installation.

#### **ANTENNA REMOVAL:**

1. Remove the inside base and outside base of the MFJ glassmounts by using a flat putty knife. Gently work the putty knife blade between the window glass and the tape of the inside and outside bases.
2. After the inside and outside bases have been removed from the glass, clean the adhesive residue from the glass surface by using paint-thinner and cloth.

#### **REINSTALLATION:**

Use the MFJ-94 Re-mounting kit (\$7.95) for the MFJ-1734 and MFJ-1738.