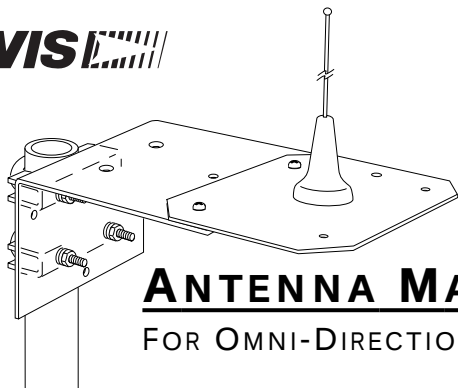




ANTENNA MAST-MOUNT KIT

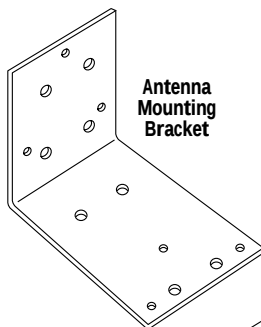
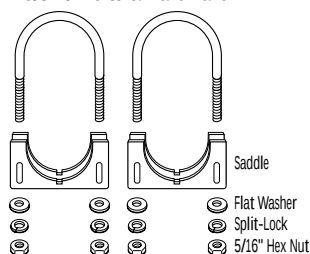
FOR OMNI-DIRECTIONAL ANTENNA

The Antenna Mast-Mount Kit provides hardware for mounting an antenna mast (provided by the user) on the station's Sensor Mounting Arm support or other post or pipe and for mounting a Davis-supplied omni antenna on the mast.

COMPONENTS

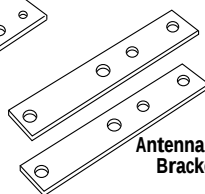
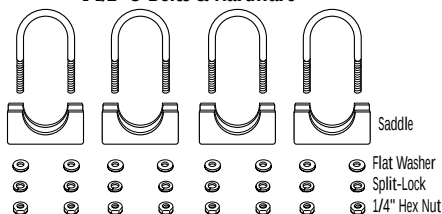
The Antenna Mast-Mount Kit contains the following components. Please make sure you have all components before continuing.

2-3/8" U-Bolts & Hardware



**Antenna
Mounting
Bracket**

1-1/2" U-Bolts & Hardware



**Antenna Mast
Brackets**

1/4" x 1-1/2" Lag Screws



1/4" Flat Washer

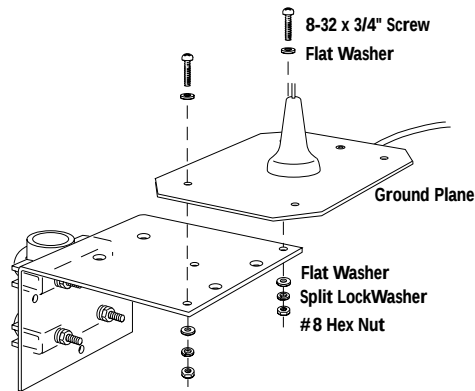
Tools and Materials Needed

In addition to the components listed above, you may need some of the following tools and materials. Please be sure you have everything you need before beginning the installation.

- ◆ **3/4" Galvanized Pipe or Antenna Mast, maximum outside diameter of 1-1/4" (32 mm)**
- ◆ **Phillips Screw Driver**
- ◆ **Slotted Screw Driver**
- ◆ **Adjustable Wrench or Socket Set**
- ◆ **Electric Drill with 3/16" (4.8 mm) drill bit.**

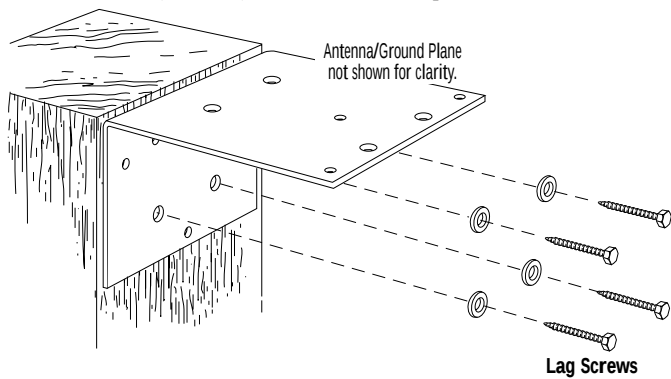
ATTACHING GROUND PLANE TO ANTENNA MOUNTING BRACKET

Attach the antenna/ground plane to the antenna mounting bracket as shown below. The antenna, ground plane, and hardware are provided in the antenna installation kit.



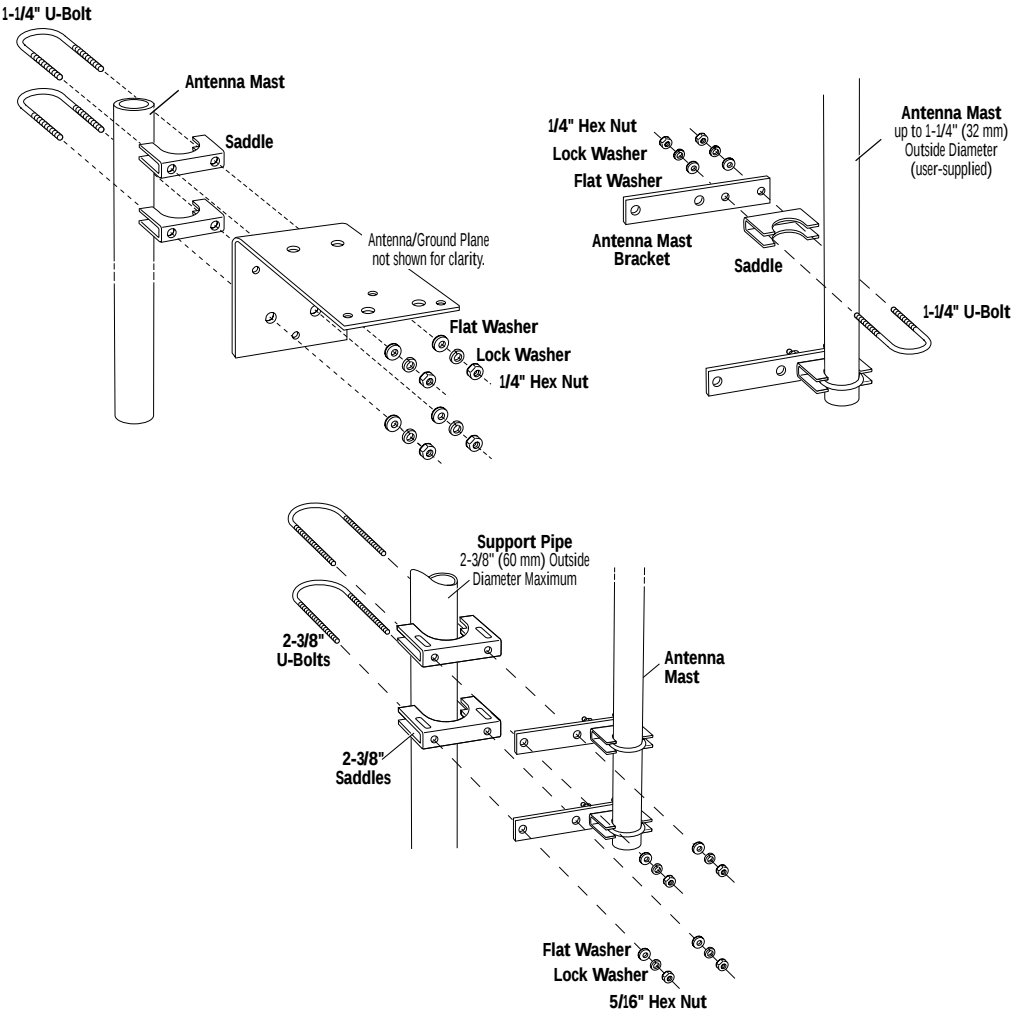
MOUNTING DIRECTLY TO A WOODEN POST

Attach the antenna mounting bracket to the post using the lag screws as shown below. Use a 3/16" (4.8 mm) drill bit to make pilot holes.



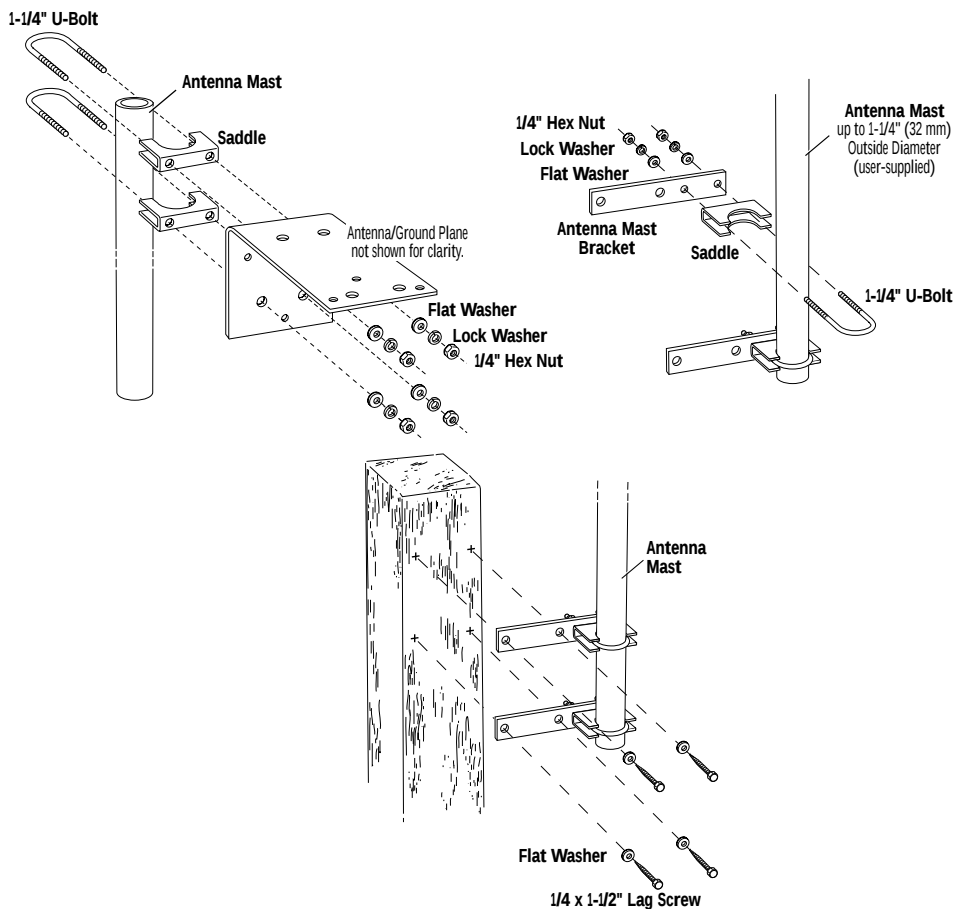
MOUNTING ANTENNA MAST ON SUPPORT PIPE

Attach the antenna mounting bracket to the top of the antenna mast using the 1-1/4" U-bolts, washers, lock washers, and hex nuts as shown below. Attach the antenna mast brackets to the bottom of the antenna mast using the 1-1/4" U-bolts, washers, lock washers, and hex nuts as shown below. Attach the antenna mast to the support pipe using the 2-1/4" U-bolts, washers, lock washers, and hex nuts as shown below.



MOUNTING ON A WOOD POST

Attach the antenna mounting bracket to the top of the antenna mast using the 1-1/4" U-bolts, washers, lock washers, and hex nuts as shown below. Attach the antenna mast brackets to the bottom of the antenna mast using the 1-1/4" U-bolts, washers, lock washers, and hex nuts as shown below. Attach the antenna mast to the post using the lag screws and washers as shown below. Use a 3/16" (4.8 mm) drill bit to make pilot holes.



Product Number: 7995

Davis Instruments Part Number: 7395-131

Antenna Mast-Mount Kit For Omni-Directional Antenna

Rev. A Manual (7/8/99)

© Davis Instruments Corp. 1997. All rights reserved.

DAVIS 
Davis Instruments

3465 Diablo Avenue, Hayward, CA 94545 U.S.A.