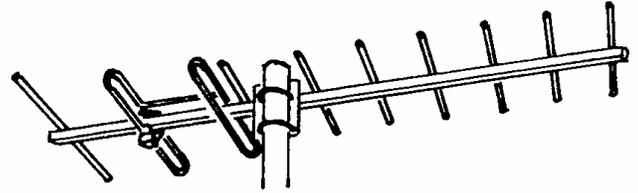
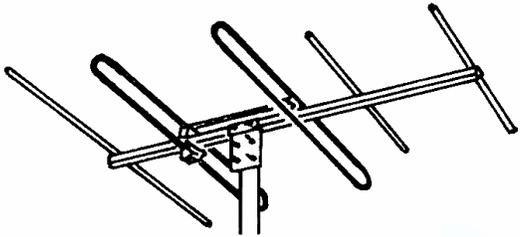


## FOR MODELS:

Y51-A, -B, -C, -D, -E, -FM, -2, -3, -4, -5, -6  
Y53B-125, -185, -280

Y53-70

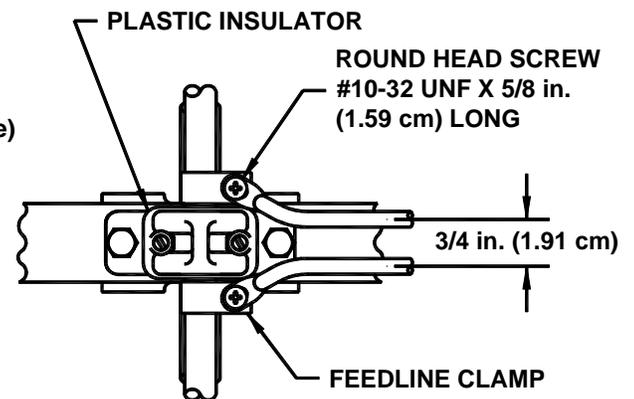
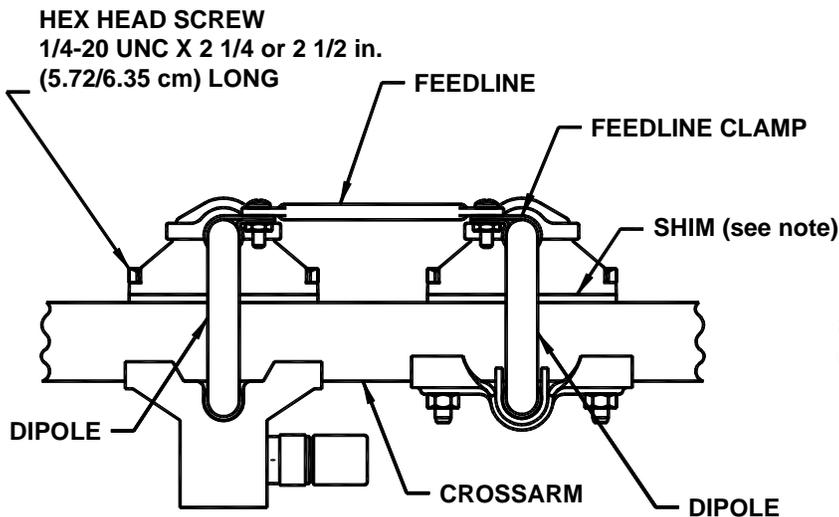
Y103B-K, -Ka, -Kb, -L, -7, -8, -9, -10, -11, -12



The Yagi dipoles and parasitic elements are match marked to the supporting crossarm. The antenna main mounting clamp holes are located in the crossarm perpendicular to the element holes. The dipole insulators and parasitic elements mount to the same side of the crossarm.

Start with the dipole elements and assemble them to their marked locations on the crossarm as shown in Figure 1. Shims are supplied with Y51-A, -B, -C, -D, -E, -FM, -2, -3, -4, -5, -6, and Y53-70, to be assembled with the dipole elements as shown in Figure 1. The dipoles are attached with 2 ¼ or 2 ½ (for models with shims) inch long 1/4 inch bolts.

Next assemble the feedlines connecting the dipole elements as shown using feedline clamps and 5/8 inch long 10-32 screws (See Figure 2). Attach feedlines at dipoles to top of clamps with a center-to-center spacing of 3/4 inch (See Figure 2).

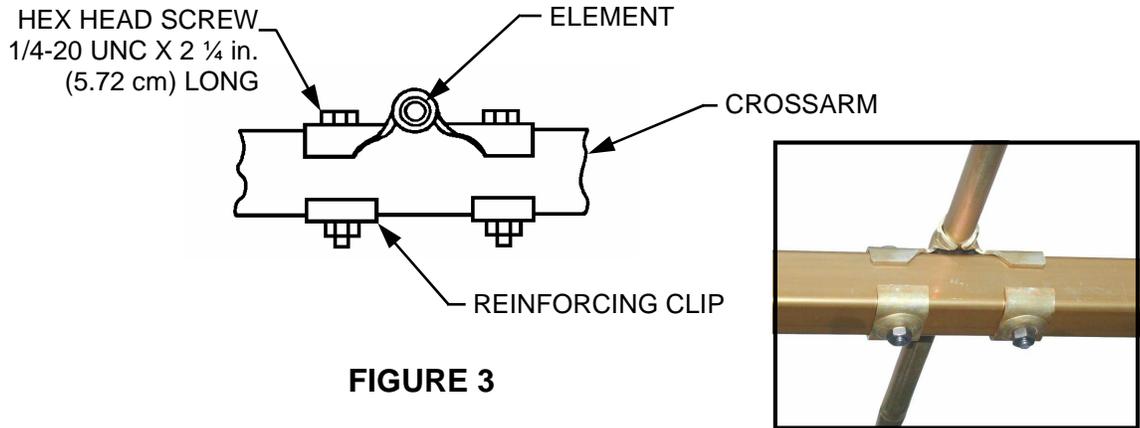


**FIGURE 1**

**FIGURE 2**

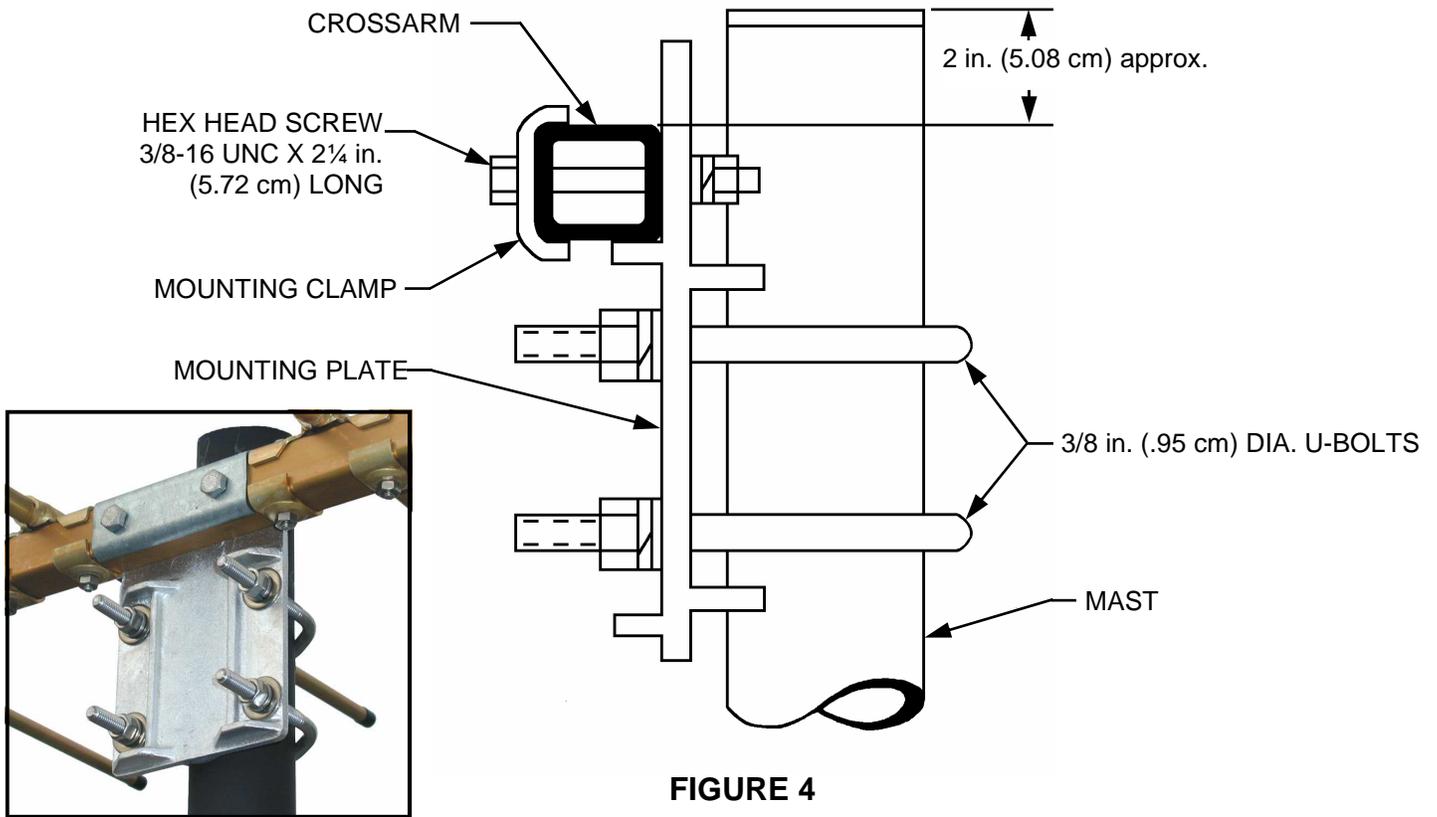
**NOTE:**  
Shims are supplied with Y51-A, -B, -C, -D, -E, -FM, -2, -3, -4, -5, -6, and Y53-70 only.

The parasitic elements are mounted onto the crossarm at their match marked locations, with 2 1/4" long, 1/4" bolts, as shown in Figure 3.



**FIGURE 3**

The antenna main mounting clamp is assembled to the crossarm at the unmarked holes (perpendicular to the element holes) with 2 1/4" long, 3/8" diameter hex head bolt as shown in Figure 4.



**FIGURE 4**

**SAFETY PRECAUTIONS**

1. To protect your antenna and TV set from lightning damage, you should use a lightning arrester. Attach the lightning arrester to the twin-lead at the point where it enters the house. Drive a ground rod at least 4 feet into the ground. Use ground wire to connect the antenna mast and the lightning arrester to the ground rod.
2. Keep antenna and lead-in a safe distance from any power lines.