

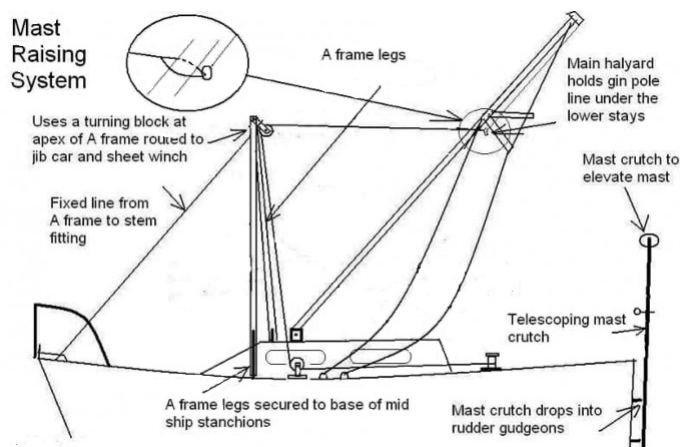
Capri 22 - A-Frame Mast Raising/Lowering System

This A-frame system is an essential tool for anyone planning on trailering, raising/lowering mast regularly. The system is inexpensive to build, easy to assemble and extremely simple to use single handed. Raising or lowering the mast is easy using this simple "A" frame system and mast crutch.

This setup uses two 10-½ ft chain link fence top rails that are cut down to 8'-0". Installed 1-1/8" rubber caps on the swaged ends to protect the deck near the stanchions. Install the eyebolts through the conduit on each leg about 2" from the ends, these are attached to the stanchion bases with 3/16" cord about 2' long to keep it from slipping. The top ends are sandwiched between two aluminum plates. I attached eye straps to the plates and have a line from the eye strap to the bow cleat. I attach one end of the **main sheet block and tackle** goes to the other eye strap on the A-frame. The becket end goes to a length of line that you tie a bowline around the mast and pull it up near the spreaders with the main halyard and stand the A-frame upright for the whole procedure. Attach the Windex, attach mast to mast step, raise mast crutch and now raise mast with A-frame system.

I like that the A-frame doesn't move, this gets rid of a whole set of complications. The arrangement is stable enough that I have no concerns with cleating the tail while I went back to free a tangled back stay, side shrouds or attaching the headstay.

- (2) 1"x 8" Conduit (10-½ ft chain link fence top rails cut to 8')
- (2) 1-1/8" Rubber Caps on tapered (swaged) ends
- (2) 1-1/2"x 6"x 3/16" Aluminum plated
- (2) Eye straps
- (2) 1/4 x 2" Eye bolts to attach to stanchions
- (2) SS ¼-20x 2" bolts with Nylox nuts
- (2) 3/16" cord 2' long to secure A-frame leg to stanchion



Mast Raising System

