

HUNTER 28 RIGGING SPECIFICATIONS

STANDING RIGGING

<u>DESCRIPTION</u>	<u>WIRESIZE</u>	<u>FITTINGS</u>		<u>OVERALL LENGTH</u>
		<u>UPPER END</u>	<u>LOWER END*</u>	
Forestay	7/32	stemball w/cup	7-12-12	36'6"
Backstay	5/32	marine eye	stemball w/ cup	35'0"
Bridles	1/8	marine eye	4-8-8	11'3"
Uppers	7/32	stemball	7-12-12	35'11 3/4"
Intermediates	5/32	marine eye	5-10-10	25'10 1/2"
Lowers	7/32	marine eye	7-12-12	13'9"

All wire is 1x19 stainless steel.

Backstay is attached to bridle with two splitter plates and three pins- 5/16", 1/4", 1/4".

* "X-X-X" represents the turnbuckle size as follows:
wire size-body size-pin diameter in 32nd's of an inch
example: 7-12-12 is a turnbuckle that accepts a 7/32" wire, has a 3/8", (12/32"), thread diameter in the body, and uses a 3/8", (12/32") pin.

RUNNING RIGGING

<u>LINE</u>	<u>SIZE</u>	<u>ATTACHMENSTS</u>	<u>OVERALL LENGTH</u>
Main Halyard	7/16	HEADBOARD	94'
Jib Halyard	3/8	SNAPSHACKLE	80'
Main Sheet	7/16	EYE SPLICE	46'
Jib Sheets	7/16		36'
Traveller Control Lines	3/8	EYE SPLICE	15'
Vang Line	3/8	EYE SPLICE	23'
Topping Lift	5/16		82'
Anchor Line	3/8	SHACKLE	100'

All lines low stretch Dacron except anchor line which is Nylon.

All rigging is supplied by SECO SOUTH.

SAILS & RIGGING

Tuning the Conventional Fractional Rig (Hunter 27OB, 27IB, 28, 30, 33.5, 35.5, and Legend 37)

Tuning the Rigging:

After raising your mast, attach the headstay, backstay, upper shrouds and lower shrouds. Set the headstay turnbuckle at half open and then tighten backstay turnbuckle to medium tension.

To center the mast athwartships, start with only slight tension on the upper and lower shrouds. Check that the mast is centered in the boat by measuring from the masthead to the chainplates with a steel tape measure hoisted completely up the main halyard. Adjust the upper shroud until the measurements port and starboard are exactly the same. Now the spar is plumb athwartships, tension both uppers equally, counting turnbuckle revolutions as you go. Tighten uppers until you have approximately one inch of "prebend" fore and aft in the mast. This is achieved because the swept spreaders will push the middle part of the mast forward as you increase tension of the uppers.

Now tighten the lower shrouds evenly, making sure the mast remains straight athwartship. Sight up the luff groove to assure this straightness. Lowers should end up almost as tight as the uppers. (The uppers should always be the tightest.) The 28, 30, 33.5, 35.5, and Legend 37 are equipped with double spreaders. The three shrouds should be made progressively tighter toward the top of the rig; the uppers should be the tightest of all. Tighten backstay to a taut position: perhaps eight to ten turns past your original tension.

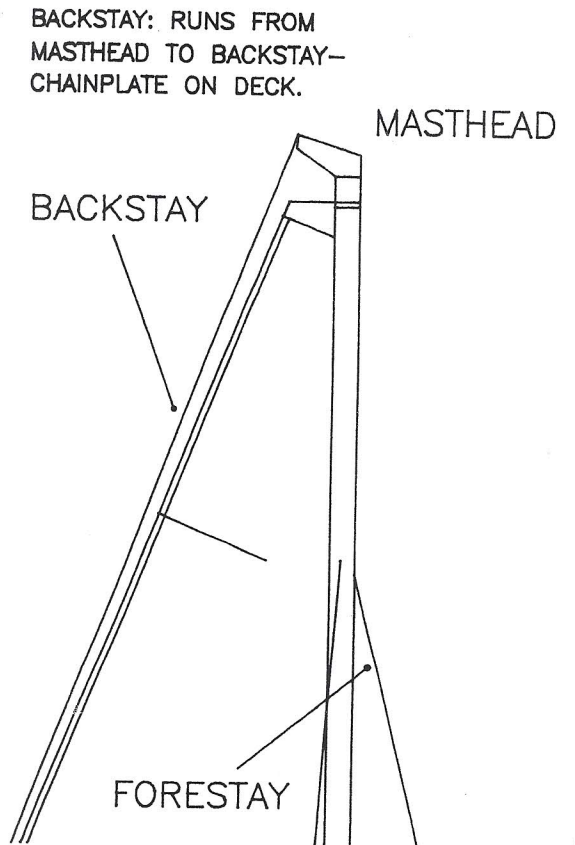
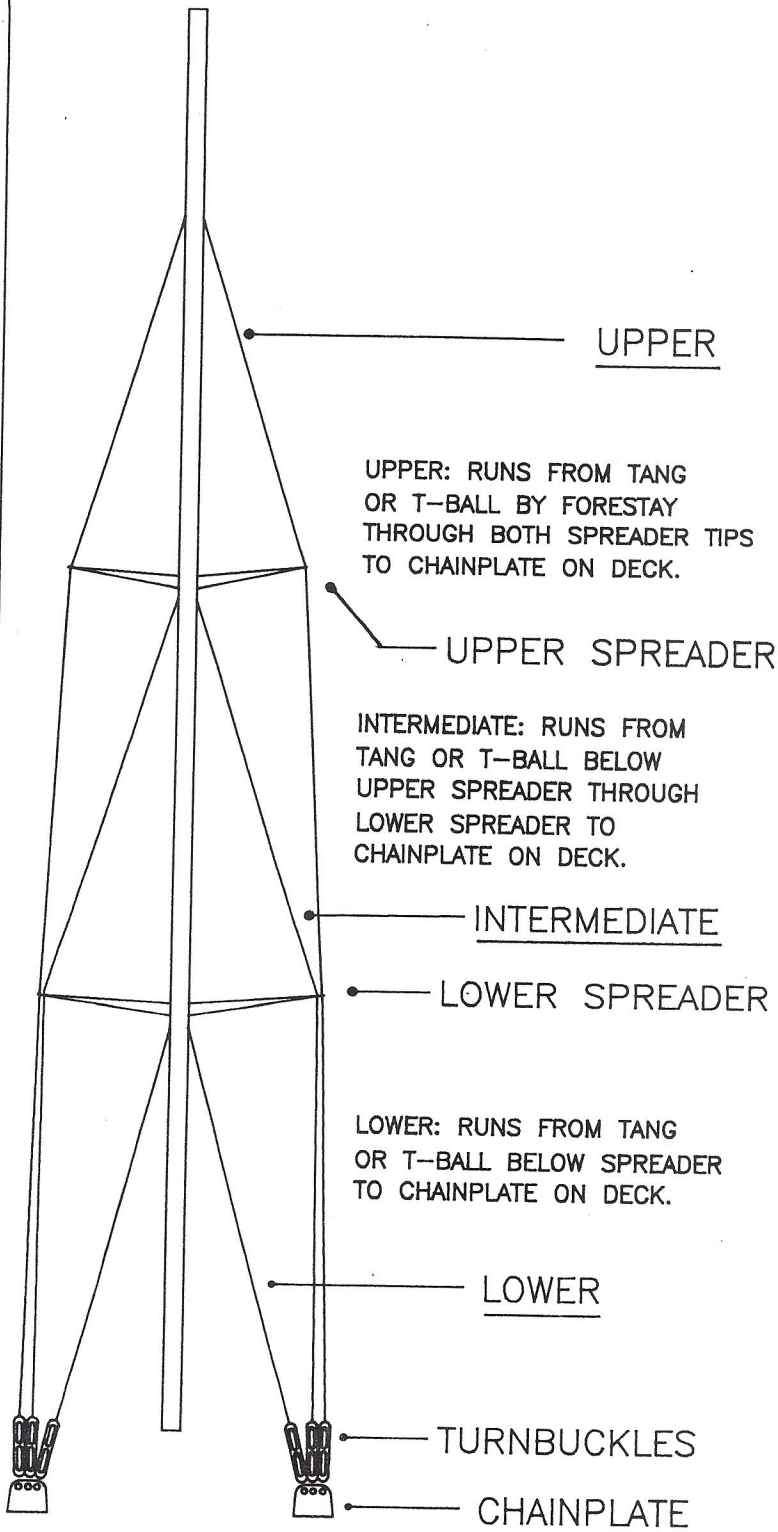
Check the mast tuning by sailing in medium winds (10-12 knots). Sometimes fine tuning the upper and lower shrouds is necessary when the spar is loaded in sailing conditions. Sail on both tacks, sighting up the luff groove to check athwartship straightness. Both upper and lower shrouds should be taut on the leeward side.

When mast tuning is complete, install cotter pins in all turnbuckles and tape over sharp edges of the cotter pins with chafe tape. (Refer to the drawing on Conventional Fractional Rig).

HUNTER

DOUBLE SPREADER FRACTIONAL
RIG W/ SWEPT BACK SPREADERS

GEN2601A

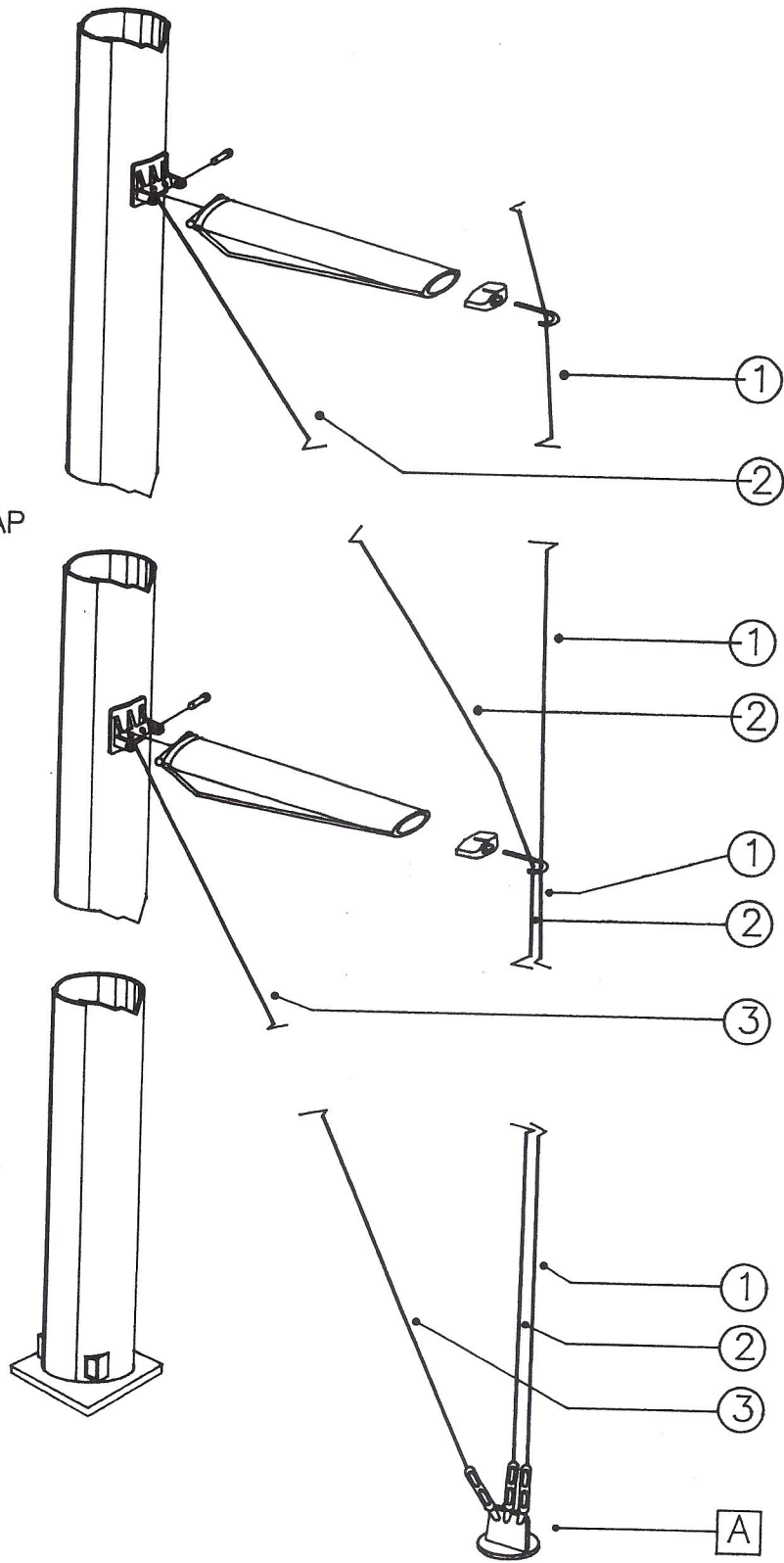


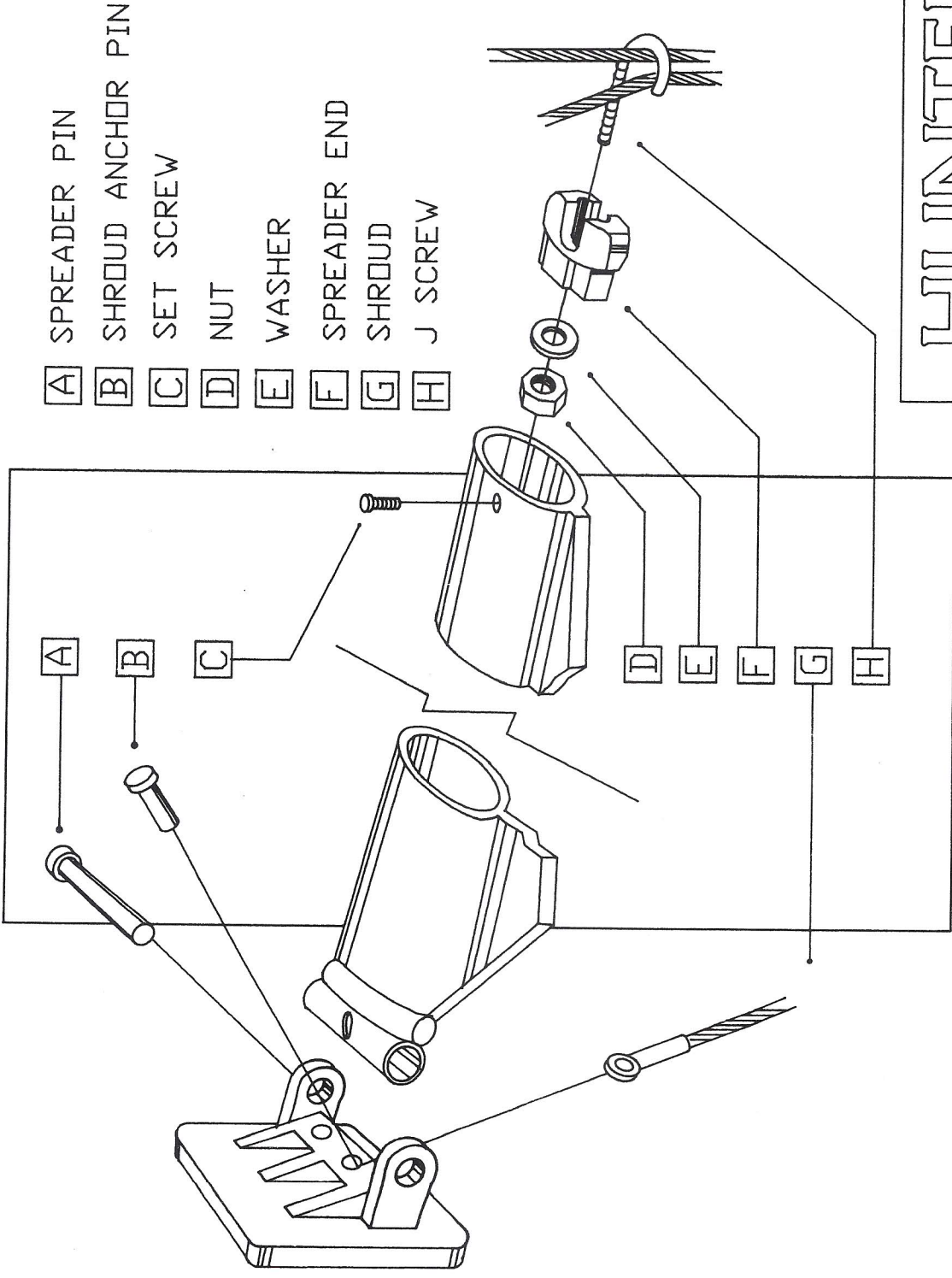
HUNTER

Z-SPAR RIGGING ASSEMBLY

GEN2602A

- ① UPPER OR CAP SHROUD
- ② INTERMEDIATE
- ③ LOWER
- A CHAIN PLATE





- A SPREADER PIN
- B SHROUD ANCHOR PIN
- C SET SCREW
- D NUT
- E WASHER
- F SPREADER END
- G SHROUD
- H J SCREW

HUNTER

Z-SPAR SPREADER DETAIL

GEN2606A