



NORTH SAILS NEW ORLEANS

1716 LAKE AVE. • METAIRIE, LA 70005 • (504) 831-1775 • FAX NO. (504) 831-1776

L-16 TUNING GUIDE

1) Center Mast

- a) Locate center line of boat at partners (deck opening for mast). Measure across toe rails and put mark on deck at center line just in front of mast. Mast center should line up with this mark and be held with soft wedges all around.
- b) Center mast with D2's (upper shrouds) Use tape on genoa halyard to check distance to toe rail port and starboard. Adjust turnbuckle until equal on both sides. Use Loos tension gauge to set tension to 180 lbs.

2) Tension D1's (lower shrouds) and D3's (upper diamond shrouds) while sighting up aft face of mast to check for straightness.

3) Adjust jumpers so that mast has zero bend with backstay eased and an even 6" to 8" bend with max. backstay.

4) Adjust headstay length to set rake. See section on Rake.



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L-16 Sail Trim

Light Air 0-8

No Backstay tension
Ease Genoa halyard so wrinkles appear at tabs
Pull traveler to weather and get boom on centerline with top
batten parallel to boom
Ease outhaul...
Trim Genoa 4"-6" off spreader

Medium Air 8-14

Little Backstay tension
Tension Genoa halyard so wrinkles almost disappear.
Lower traveler to halfway to centerline
Tension outhaul to remove most of shelf.
Trim Genoa 0"-4" off spreader

Heavy Air +14

Add Backstay tension to flatten main and reduce headstay sag.
Tension Genoa halyard or cloth tensioner to remove wrinkles
Ease traveller to center line and play main sheet in puffs
Tighten outhaul to remove all of shelf.
At +18 move genoa car back one hole to twist off top
Trim genoa 4"-6" off spreader.



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L-16 Rake

TO SET RAKE OF AN L-16 MAST

- 1) PUT MED. LOAD ON BACKSTAY
- 2) SECURE GENOA HALYARD AND HANG A MEASURING TAPE TO MEASURE DISTANCE TO DECK JUST IN FRONT OF MAST
- 3) SWING GENOA HALYARD AND TAPE TO HEADSTAY AND MARK HEADSTAY WITH MEASUREMENT FROM STEP 2 ABOVE . (KEEP CONSTANT TENSION ON TAPE)
- 4) MEASURE DISTANCE FROM MARK IN STEP 3 TO DECK AT HEADSTAY. THIS DISTANCE SHOULD BE:
0.7' OR 8 3/8" ADJUST HEADSTAY LENGTH AS NEEDED.

