

356 SOP MAIN CABIN WHISPER INSTALLATION



#	Qty.	Description	Size	Part #
1	2	Starboard Batten	48"	506797
2	1	Corner Starboard Batten	Corner	506797
3	19	Starboard Fasteners	Wood Screws	#10 x 1-1/4" FH

STARBOARD INSTALLATION:

1. There are two pieces of 48" starboard batten in the main cabin area, one over the fwd bulkhead door and one piece cut into 3 pieces (measurements will vary). These will go over the chart table, over the head door and over the Q-Berth door. The corner batten is located on the fwd corner of the head, between the head door and over the chart table.
2. Over the fwd bulkhead door: Using a C7 drill assembly, measure and mark the batten 1-1/2" from each end for the first two fasteners, and the remaining fasteners will be placed about 6" apart, countersink 7 to 8 holes into the batten.
3. Place batten between port & starboard fwd plastic panels on the fwd bulkhead, secure following the curve of the bulkhead and covering the bonds (grind any bonds that may be too high), using the designated fasteners.
4. Using the second piece of batten, measure and cut the batten into three pieces, the first piece the distance between the fwd companion way trim to the aft edge of the head corner trim (over the head door), the second the distance between the outboard edge head corner trim and the inboard port aft plastic panel (over the chart table), and the third the distance between the inboard strbd. aft plastic panel and the companion way aft outboard edge (over the Q-berth door).
5. Using a C7 drill assembly, measure and mark the head door and chart table battens inboard 1-1/2" from each end for the first two fasteners, and the remaining fastener will be center of the batten, countersink 3 holes into each batten.
6. Using a C7 drill assembly, measure and mark the Q-berth batten inboard 1-1/2" from each end for the first two fasteners, and the remaining fasteners will be placed about 6" apart, countersink 4 holes into the batten.
7. For the corner batten, drill two holes 1" inboard from each end using C7 drill assembly.
8. All battens are placed level with the designated locations of the boat (as described above). Making sure that bonds are not showing, and making adjustments that are necessary.
9. The head batten is installed first, place the batten in designated location and secure using designated fasteners.
10. The corner batten is installed second, place the batten in designated location and secure using designated fasteners.
11. The chart table batten is installed third, place the batten in designated location and secure using designated fasteners.
12. Last, the Q-berth batten is installed, place the batten in designated location and secure using designated fasteners.

Revision Dates:

Expected Time: 8 hrs.

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BLOCKING INSTALLATION:

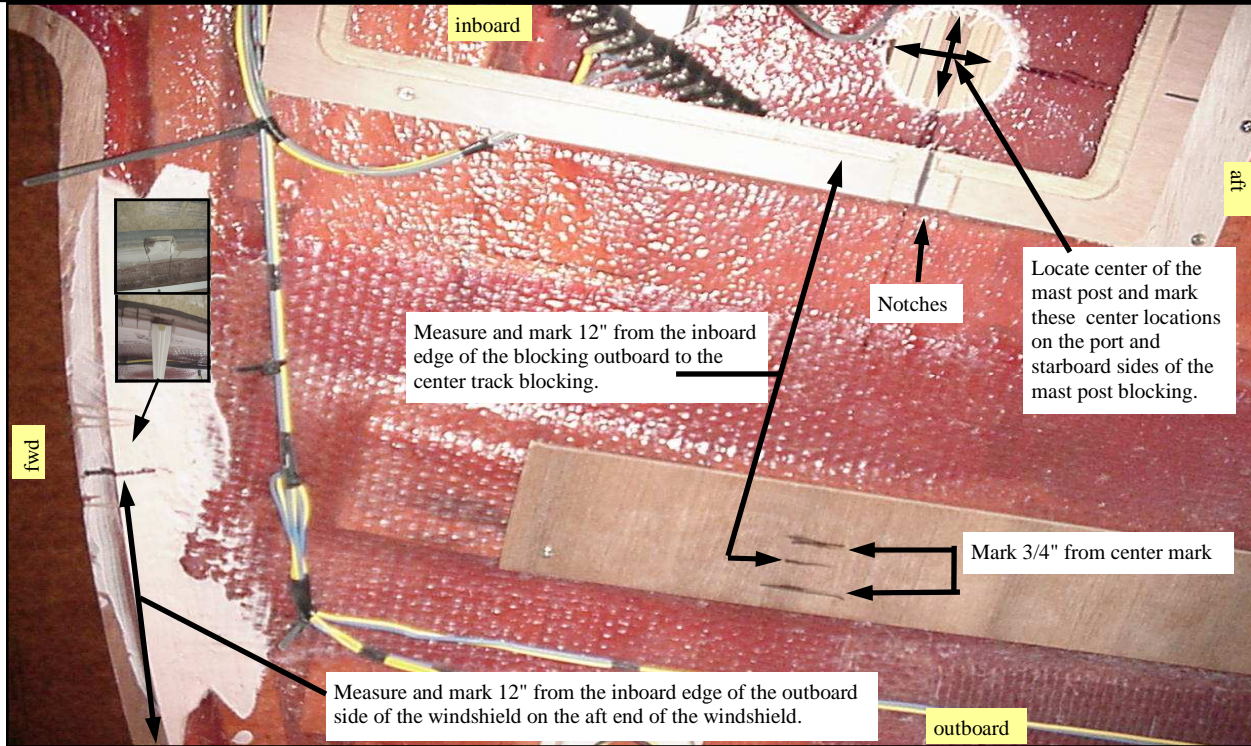


#	Qty.	Description	Size	Part #	
1	1	Mast Post Blocking	Kit	356	
2	5	Fasteners	Wood Screws	#10 x 1-1/4" FH	461410
3	2	Center Track Blocking	1/4" x 4" x 7' 6"	356 Kit	
4	10	Fasteners	Wood Screws	#10 x 1-1/4" FH	461410
5	2	Dorade Vent Blocking	Kit	356	
6	8	Fasteners	Wood Screws	#10 x 1-1/4" FH	461410

Blocking is the wood used as a filler to level out the curvature of the headliner for the whisper track and whisper installation.

1. **Mast Post Blocking:** Unscrew the wires fwd of the mast post, for easier access for the mast post block.
 2. Line the blocking cut outs on the sides and the fwd and aft ends with the center of the mast post.
 3. Install blocking using designated fasteners, place fwd corner fasteners 3" aft of the fwd corners and centered with the sides, aft corners are
 4. Tie wrap and secure loose wires to the block or headliner so that they will not hang down or show through the whisper.
1. **Center Track Blocking:** There are two pieces of 1/4" Meranti wood for the center track installation, one port and one starboard.
 2. The aft locations for the center track blocking is the fwd outboard corners of the port and starboard companion way and runs fwd on the center embossments.
 3. Install blocking using designated fasteners, spacing fasteners about every 1 to 1-1/2 ft. apart.
 - 4.
1. **Dorade Vent Blocking:** There are two pieces of blocking for the dorade vent, both are the same size.
 2. Place and center the first piece of blocking over the dorade vent.
 3. Install blocking using designated fasteners, place fasteners 1" inboard and 1" down from corners of the blocking.
 4. Place the second piece over the first piece of blocking. This is to give the depth that is needed for the installment of the whisper.
 5. Install blocking using designated fasteners, place fasteners 1-1/2" inboard and 1-1/2" down from corners of the blocking.
 6. Shave the fwd edge of the blocking back about 1" at an angle to ensure that the blocking will not stick through the whisper.

MEASUREMENTS FOR FWD CENTER TRACK:



Measurements are made to tie in all pieces of whisper and to ensure that the whisper is in the center of the headliner.

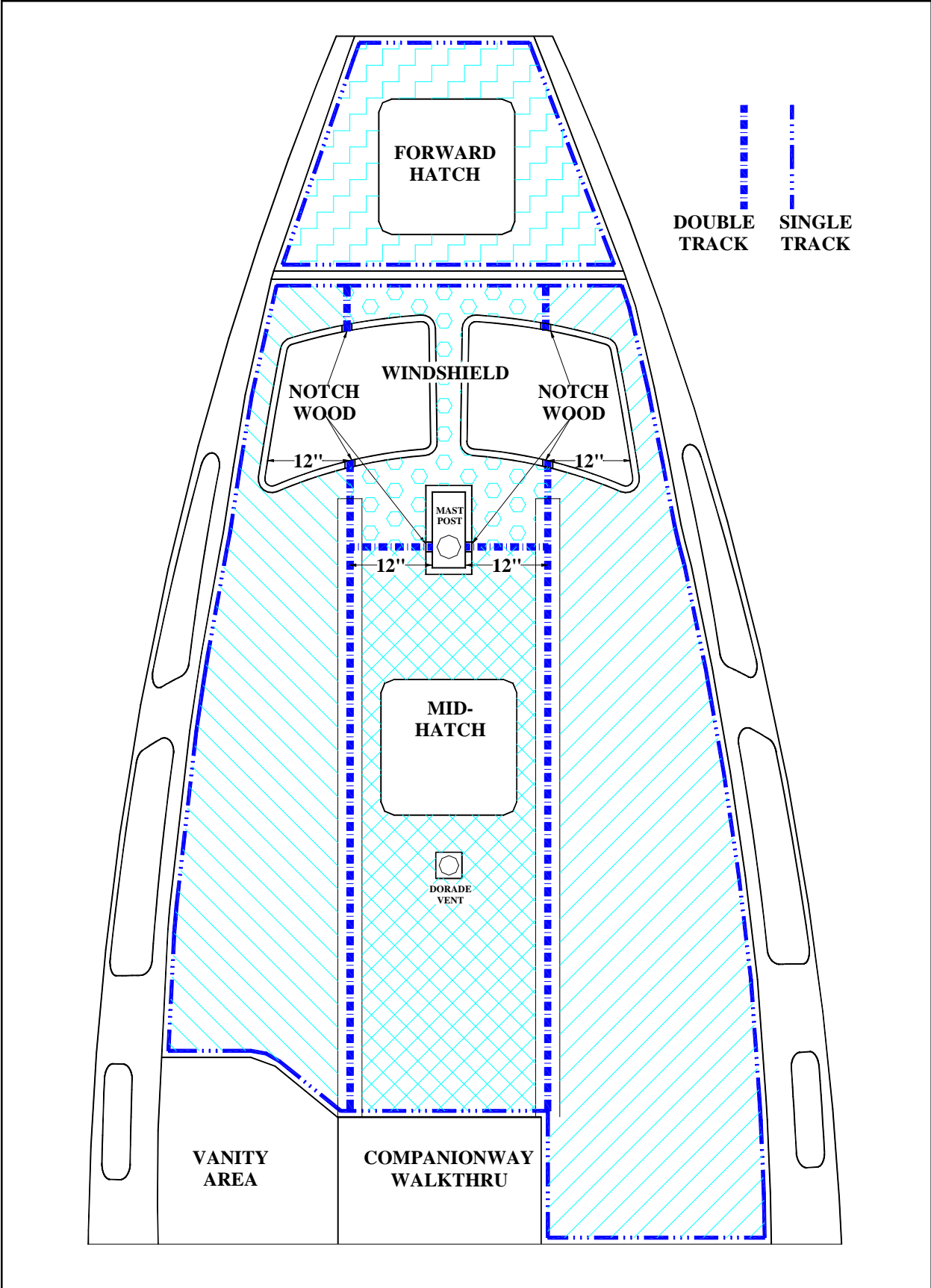
1. The location for the track between the mast post and the center track blocking, is found by locating the center of the mast post and lining it up with the port and starboard mast post blocking notches. Mark the notches at this location. This will tie in the fwd center whisper to the aft center whisper.
2. The aft mast post blocking mark is found by locating the center of the mast post and the center of the headliner. Mark the aft blocking at this location.
3. The location for the center blocking track is found by measuring 12" from the inboard edge of the mast post blocking to the center track blocking. Mark the center track blocking at this location.
4. On each side of the center blocking mark, measure 3/4" and mark these locations. This will tie in the fwd center whisper to the port or starboard whisper.
5. The windshield marks are found by measuring 12" from the inboard edge of the outboard side of the windshield to the aft end of the windshield, mark this location. (This is applied to both windshields.) Measure and mark 3/4" on each side of the center mark, cut out 1-1/2" notches. This will tie in the fwd center whisper to the port or starboard whisper.
6. This procedure is also applied to the fwd edge of the windshield, to tie in the bulkhead whisper.

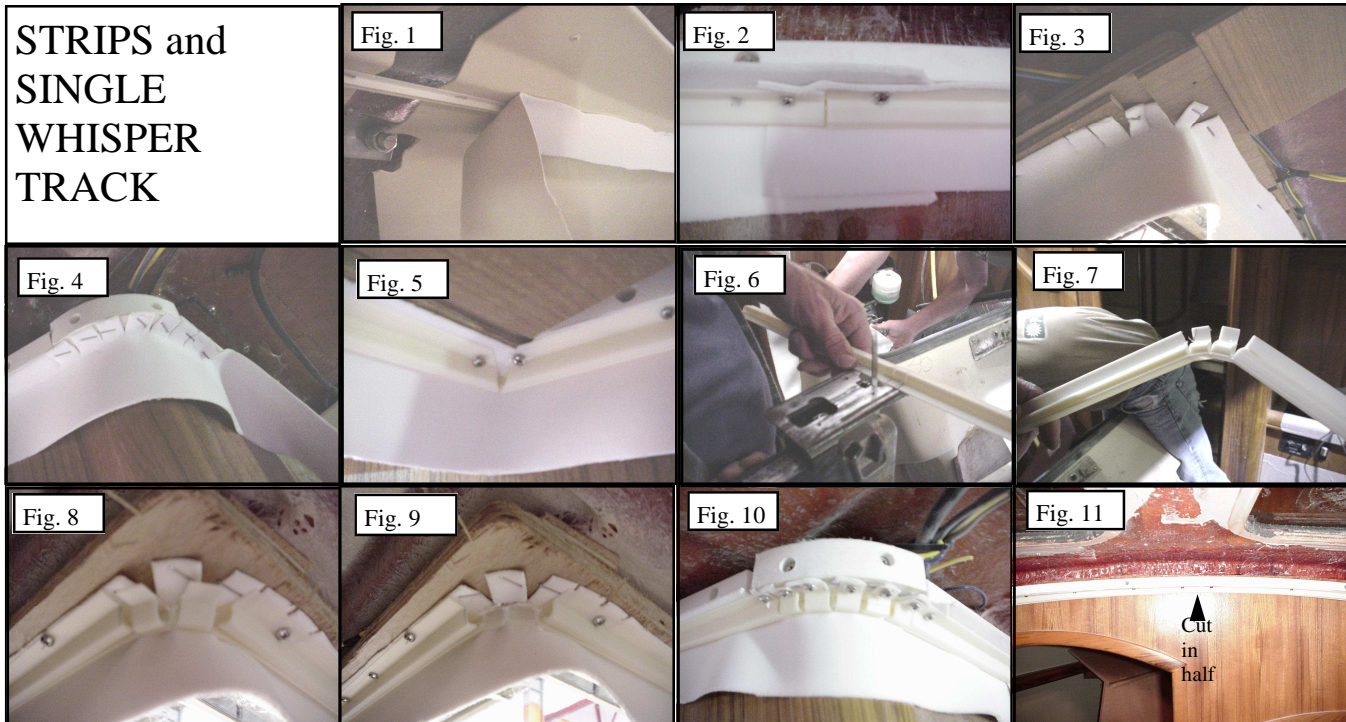
CURTAIN TRACK:



#	Qty.	Description	Size	Part #
1	2	Curtain Track	356	Kit
2	NA	Curtain Track Staples		F04BAAN

1. Curtain tracks are located on the port and starboard sides of the headliner.
2. Place the track 1" off the bulkhead with the flat edge inboard on the outboard top receiver of the plastic panel.
3. Cut off excess track to within 1" of the opposite end. Staple using designated staples every 4" to 5".





#	Qty.	Description	Size	Part #
1		Single Whisper Track		314555
2		Whisper Strips	3" roll	603035
3	NA	Staples	1/4"	F04BAAN
4	116	Fasteners	#6 x 1/2" P H	466790

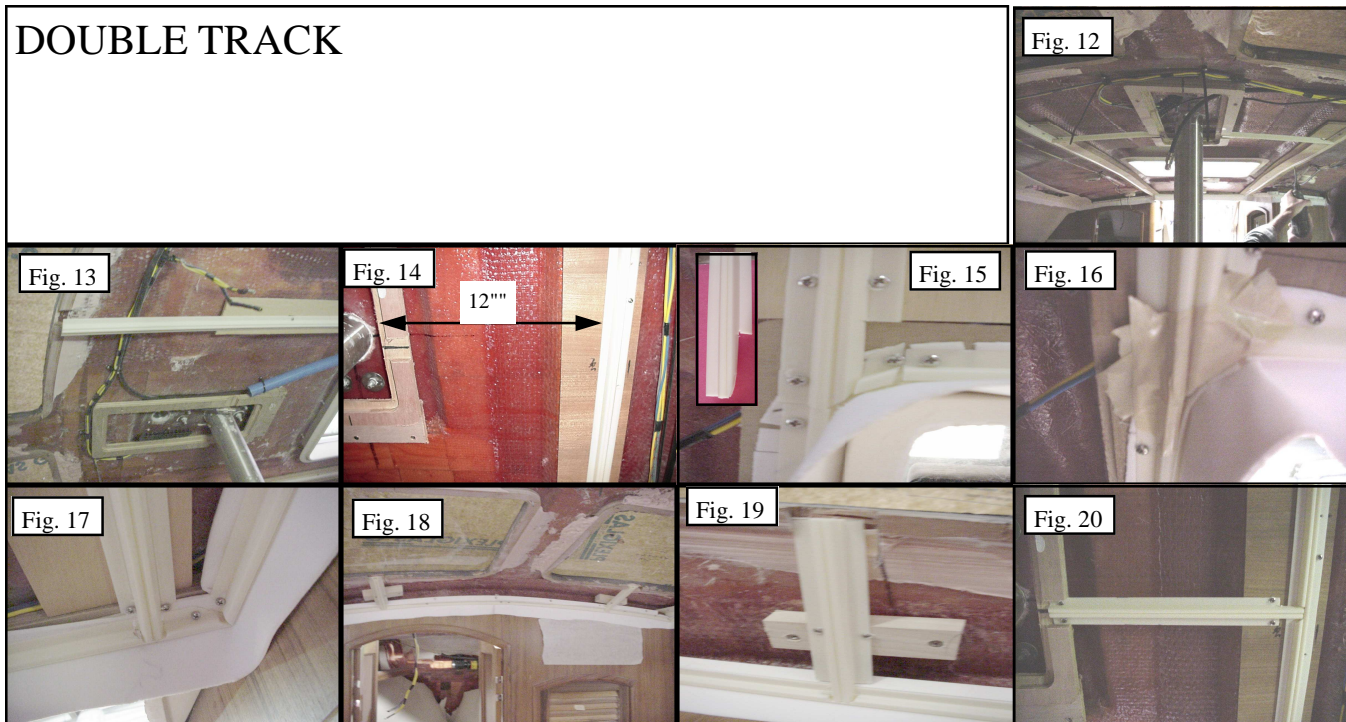
- Whisper strips measure about 3" wide and come in a roll.
- Place one end of the whisper strip at the inboard edge and about 1/2" over the top edge of the curtain track. Strip should hang down about 2-1/2" on the inboard side and flush against the curtain track. Fig. 1
- When installing strip, over-lap the ends about 2" Fig. 2
- Staple using designated staples about every 12", going around all edges. This will be permanent.
- Corners must be level together.
- For curves, cut strip about 1/2" from top edge to fit around curves. Do not pull tight around curves causing it to be difficult to tuck into the track. Fig. 3 & 4

SINGLE TRACK:

There are two kinds of whisper track, single and double.

- All corner ends will be cut at about a 45 degree angle, (angle may vary with each boat). Fig. 5
- Measure and cut the length of track that will be needed per edge as you go.
- Place track into position with angled end in the corner. Fig. 5
- Secure the strip and track at the same time, place the end fasteners about 1/2" from the end and the remaining fasteners about every 4" apart, using designated fasteners. Corners must be level together. Fig. 5
- When placing ends of track together (not corners) do not angle them, they must be flush together. Fig. 2
- For the companion way curve trim, measure the length of the straight edge from the aft corner to the curve, add 1" for the curve and extend 10" to wrap around the curve. Fig. 8
- Cut slits about 1/2" deep into the track where the curve measurements are. The companion way curve should have about three slits and the chart table trim curve should have about six. Fig. 6, 7, 8 & 10
- Trim the notches off the track, leaving the back edge of the track for stability, this will allow the double track to join with the single track. Fig. 9
- For the head and chart table corner measure the length of the straight edge from the aft corner to the curve, add 2" for the curve and extend 10" to wrap around the curve. Fig. 10
- Over the fwd bulkhead, between the port and starboard fwd plastic panels, measure the distance, cut the track in half, for easier installment. Secure all track using designated fasteners. Fig. 11

DOUBLE TRACK

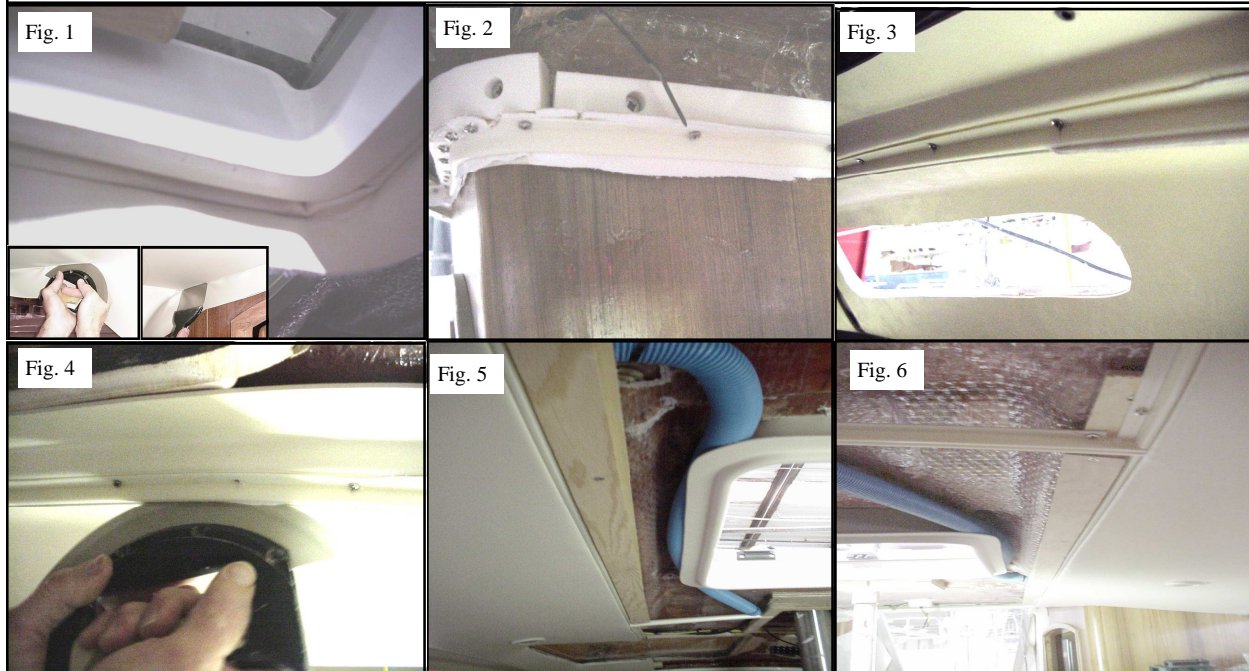


#	Qty.	Description	Size	Part #
1		Double Centerline Whisper Track		314556
2	70	Track Fasteners	#6 x 1/2" P H	466790
3	2	Bulkhead Blocks	3/4" x 4"	
4	4	Bulkhead Blocks Fasteners (wood screws)	#10 x 1-1/4" F H	461410

DOUBLE TRACK:

- The double track runs fwd and aft on the center track blocking, from the outside corners of the companion way to the center of the aft edge of the windshields and from the fwd edge of the windshields to the fwd main cabin bulkhead. There are two pieces that run port and starboard on each side of the mast post. Fig 12
- Measure length of track that is needed for the port and starboard center track blocking. Make sure the track is 12" from the inside edge of the mast post blocking. Fig 13 & 14
- For the starboard aft companion way curve, cut the inboard aft end of the center track, 1/2" inboard and 2-1/4" down from the end of the track. Angled about 45 degrees, 1/2" from the end. Fig. 15
- Place 1" 3M masking tape on the curve notches, this will help prevent the whisper from looking jagged in the curve. Secure using designated fasteners. Fig. 16
- For the port fwd companion way corner, cut 1/2" x 1/2" off the sides of the aft end of the double track .
- Cut out a 3/4" notch in the single track (wide enough for the tapered end of the center double track), 2-1/4" inboard from the port inboard head bulkhead wall. Place the aft end of the port center double track in notch and on the port center blocking and secure using designated fasteners. Fig. 17
- For the bulkhead double track, measure the length of track needed to fit between the notch in the fwd edge of the windshield and the fwd bulkhead.
- Center and measure from the fwd end of the center track to the main cabin bulkhead single track, mark the width of the double track onto the single track. Cut out 1-1/2" notch to fit the double track into the single track. Secure using designated fasteners. Fig. 18 & 19
- Place wood blocks 3/4" x 4" between the port and starboard bulkheads double track and the headliner, 2" aft of the bulkhead at the center mark. Using C7 drill assembly, drill 3/4" from each end of block, secure using designated fasteners. Fig. 19
- For the mast post tracks, locating the inboard end in the cut out on the mast post blocking and the outboard end at the markings on the center track. Fig. 20
- Cut out a 1-1/2" notch (wide enough for the center double track) on the center track. Place the outboard end of the track in the cut-out notch. Secure using designated fasteners. Fig. 20

STRIP TUCKING and HANDRAIL BOARDS



#	Qty.	Description	Size	Part #
1	2	Handrail Plywood Boards	1/2' x 1-1/2" x 60"	
2	8	Fasteners	# 8 x 1" F H	461810

STRIP TUCKING:

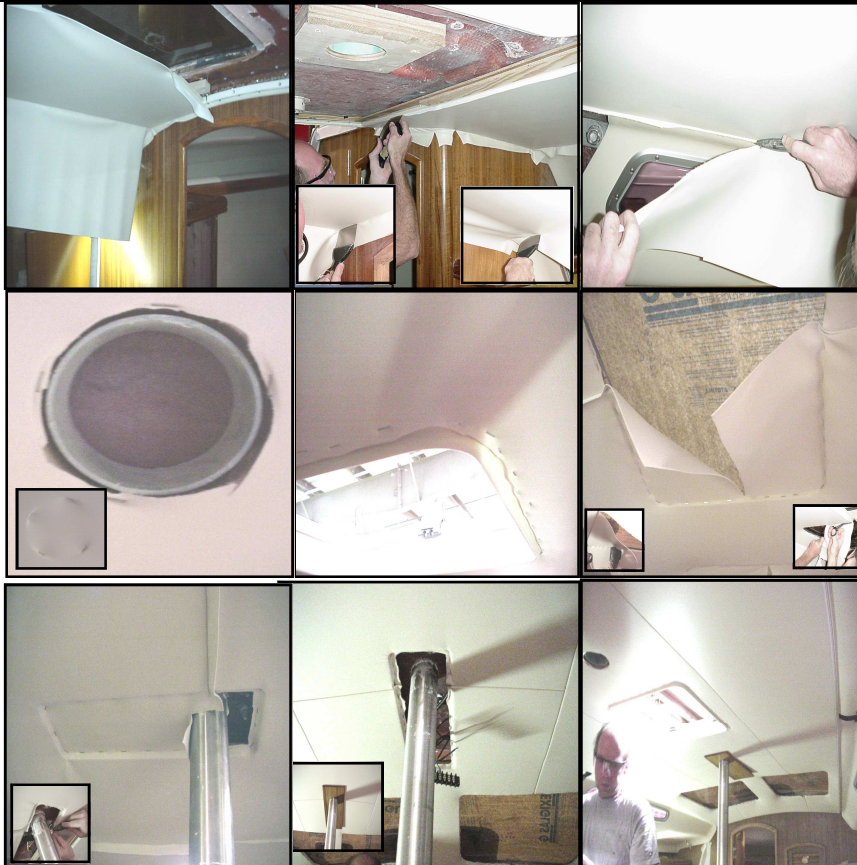
1. There are two tools used to tuck the whisper fabric - one with a wide flat blade and one with a curved blade. The flat blade is used more for the small accessible places of track, Bulkheads, corner and curves. The curved blade is used more for the straight open areas of the track.
2. Pull the 2" overhang from the aft side of the track over the track opening. Using the tools, tuck fabric into the track, this will make the fabric snug around the track. Fig. 1
3. Cut overhang off to within 1/8". Tuck the 1/8" into the track. Fig. 2,3 &4

HANDRAIL BOARDS:

Note: Handrails boards are installed after the port and starboard side whisper fabric is installed and before the center whisper fabric is installed.

1. Place the handrail boards on the inboard side of the center double track. Placing the fwd end flush with the mast post track. This is installed on the port and starboard sides. Secure using designated fasteners.

WHISPER FABRIC PANELS



#	Qty.	Description	Size	Part #
1	4	Whisper Fabric	356	Kit
2	NA	Staples	1/4"	F04BAAN

- Whisper fabric is pre-cut. There are four pieces of fabric, port side, starboard side, center fwd and center aft. Port and starboard sides are installed before the two center pieces.
- Start with either port or starboard side piece first. Place and tuck fabric into position with corner of fabric in the corner of track, leaving about a 2" overhang on the end and about 1/2" overhang on the inboard side of the track. Alternate tucking inboard to outboard to achieve a straight "snug" fit.
- At the windshield pull the fabric (snug but not tight) across the windshield and tuck into the track at the fwd bulkhead leaving about a 2" overhang at both ends.
- Cut off excess whisper on the inboard side first to about 1/8" and tuck into track. Install other side.
- The large center fabric is the center aft piece, it is started at the aft end at the companion way, Spot tuck (easier if adjustments are too be made) about every other foot and alternating sides the length of the fabric.
- Tuck the aft corners first and then the aft end, then alternate the sides. There should be about a 2" overhang on each end and each side.
- At the fwd end of the center aft piece (large center piece) at the mast post, cut slits into the fabric to allow for the post. Tuck ends into the track.
- Staple fabric using 1/4" staples, around the dorade vent, hatch and mast post blocking.
- At the windshield cut a slit down the center of the fabric. This will give the fabric enough give so the staples will not pull out of the fabric. Staple the inside frame of the windshield.
- Place center fwd fabric into position and install and tuck as above.
- Cut off excess fabric, leaving about 1/8" of fabric overhang on all tracks.
- Cut off the excess fabric leaving about 1/2" above staples for the dorade vent, hatch, fwd mast post and the windshields.
- Tuck remaining 1/8" fabric into all tracks.