

AMF Alcott

Super Sunfish[®] Sailboat



RIGGING INSTRUCTIONS



Thank you for purchasing an AMF ALCORT Super Sunfish Sailboat, We welcome you to the "Fun of Sailing".

Before attempting to rig and sail the boat, please read these assembly instructions carefully. If you are new to sailing, it is advisable to seek the help of an experienced sailor before trying out your boat. For maximum safety (and maximum enjoyment), we advise that you enroll in a sailing course.

A. BAILER INSTALLATION

The footwell bailer has not been installed to protect it from damage in shipment. In order to install the bailer, you need a 1 3/4" wrench, a large adjustable wrench, or a pair of channel lock pliers. Before installing, place the large rubber "O" ring over the neck of the bailer under the hull so that the neck comes up through the hole in the cockpit. Be sure the underwater bailer opening faces aft (to the rear). Next, place the vinyl plug in the bailer cap so that the plug will face upward when the cap is installed. Now, while holding the bailer so it will not rotate, screw the cap into the bailer and tighten with a wrench or pliers.

B. INSTALLING THE TRAVELER (For Conversion Rig only)

The traveler is mounted inside and across the forward part of the cockpit.

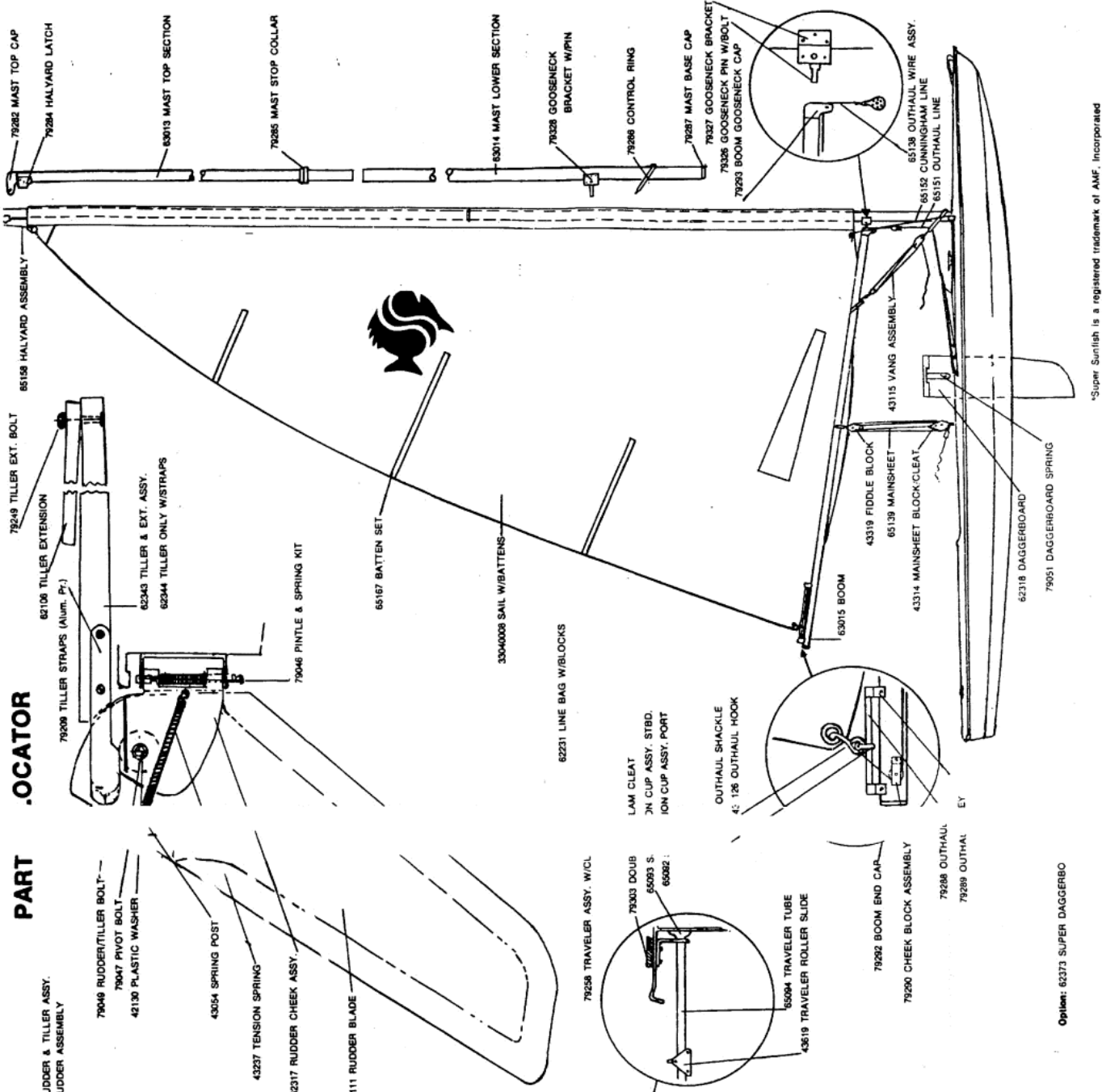
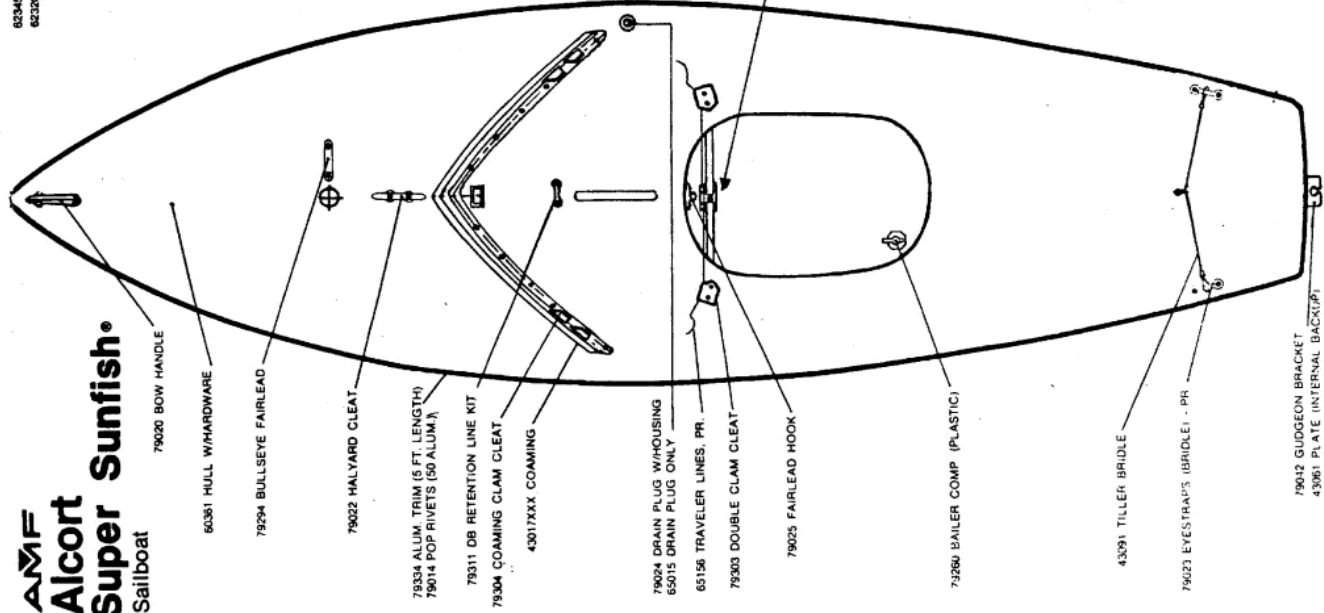
1. Use the template provided to locate the four mounting holes for the traveler support brackets and the double clam cleats.
2. Drill the inboard hole on each side as per the template using a 1/4" drill bit.
3. Insert a 1 1/2" x 1 1/4" flat head bolt through the inboard hole in the double clam cleat and the hole just drilled.
4. Using the clam cleat as a guide to assure that the outboard holes are properly spaced, drill the outboard holes accordingly.
5. Install the roller traveler slide onto the aluminum traveler tube. Lay the traveler tube on the deck with the lateral control sheaves on the slide traveler facing forward. Insert the wooden plug bolted to the suction cup with the support bracket attached, into the ends of the tube. Be sure that the bracket marked "S" is on the starboard side.
6. Position the traveler tube inside the Cockpit with the suction cups compressed against the side walls of the cockpit tub and with the support brackets up under the deck overhang. Move the traveler tube and brackets until the mounting holes in the top flanges of the brackets align with the holes in the deck. The mounting brackets are springy and some pushing and pulling is normal and necessary to align the holes.
7. Place the clam cleats over the holes. Insert the 1/2" stainless bolts through the clam cleats, the deck, and the holes in the mounting brackets, apply the stainless nuts up from the bottom and tighten.

C. INSTALLING THE CLAM CLEATS ON THE SPLASH RAIL (For Conversion Rig only)

1. On the cockpit (aft) side of the splash rail, draw a horizontal line 5/8" up from the flange through which the rail is bolted. The line will run through the center of each hole you are about to drill.
2. Starting at the outboard end of the splash rail on either side, drill a 3/16" hole 3 1/2" in using a clam cleat as a guide for the angle of the hole.
3. Drill a 1/2" hole so that the center of the hole is 1 7/8" in from the center of the first hole. Check the 1/2" fairlead hole to see that the edges are clean with no burr or rough area which could chafe the line.
4. Using the clam cleat as a template, drill another 3/16" hole where appropriate for the inboard bolt of the cleat.
5. Now install the outboard cleats on the cockpit (aft) side of the splash rail making sure that the 1/2" hole lines up with the hole in the cleat. (The head of the bolts and the washers should be on the forward side of the splash rail.)
6. Install the second cleat on each side in the same manner as the first, leaving a one-inch space between the inboard edge of the first cleat and the outboard edge of the second.

(See back cover)

AMF
Alcort Sunfish®
 Sailboat



Option: 62373 SUPER DAGGERBO

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D. SETTING THE SAIL

- 1) Slip the upper mast section into the lower mast section making sure that the aligning pin fits into the slot provided in the lower section. The aligning pin will assure that the masthead sheave is in the proper position with respect to the gooseneck. **CAUTION:** Lubricate mast mating sections with a hard wax.
- 2) Insert battens into batten pockets on the leech (aft edge) of the sail.
- 3) Slide mast into luff sleeve of sail with the masthead sheave oriented toward the leech of the sail. Be sure the sail is not twisted around the mast and that the foot of the sail is aligned with the gooseneck stem.
- 4) Reeve the 1/8" halyard line up and around the masthead sheave and down through the halyard latch riveted to the aft side of the mast just below the sheave so that the wire tail leads toward the leech of the sail. Attach the captive pin shackle to the grommet hole in the top of the sail. The other end should be led through the bullseye fairlead to the halyard cleat. **CAUTION:** Avoid overhead wires when stepping the mast.
- 5) Turn the boat so the bow is facing into the wind. Step the mast, sail and all, into the boat's mast step, rotating the mast until the gooseneck pin faces aft. Gather the sail down as much as possible to prevent it from flagging.
- 6) Slide the forward end of the boom onto the gooseneck pin.
- 7) Free up vang and attach the end with the "V" jam to the eye welded to the control ring located at the base of the mast. Be sure that the "V" jam mounted on the vang faces aft. Attach the other end to the bail riveted on the forward end of the boom.

E. CONTROL LINES

- 1) **Cunningham:** Make a Figure 8 knot in the end of the 3 1/8" x 11' 6" long line provided. Reeve the open end through the outboard clam cleat mounted on the port side of the splash rail. Run the line forward and up through the control ring on base of the mast, through the grommet located at the bottom of the sail, back down through the bullseye fairlead mounted on the deck and then aft through the outboard clam cleat mounted on the starboard side of the splash rail. Now make a Figure 8 knot in this end of the line to prevent it from slipping back out. This is called the downhaul / cunningham control. **NOTE:** It is important that the cunningham be led through the bullseye fairlead in order to prevent the mast from coming out of the tube in case of a capsize.
- 2) **Traveler:** Tie a knot in one end of the 1/4" x 5' long traveler control line provided. Pass the line through the hole in the support bracket, then up through the small sheave on the roller traveler and then back to the double clam cleat mounted on the deck. Repeat this operation for the opposite side traveler control line. Be sure that the roller traveler is in the upright position when reeving the control lines.
- 3) **Outhaul:** Next make a Figure 8 knot in one end of the 3/16" x 8' long line provided. Reeve the open end through the inboard clam cleat mounted on the splash rail, forward and up through the control ring, through the small block attached to the 106" wire on the boom, back down through the control ring, and aft through the inboard clam cleat mounted on the opposite side of the splash rail. Again tie a Figure 8 knot in the end to prevent it from slipping out. This is called the outhaul control line.
- 4) **Mainsheet:** Attach the fiddle block with cam cleats to the roller traveler slide so that the cam cleats face aft and down. Now attach the other fiddle block (without cam cleats) to the bail nearer the middle of the boom. Secure the mainsheet with a bow line or double halt hitch to the becket mounted on top of the fiddle block attached to the traveler slide. Reeve the mainsheet from aft to forward through the small sheave of the fiddle block on the boom, Then lead the line from forward to aft through the small sheave of the fiddle block mounted on the slide. Now go back up from aft to forward through the larger sheave on the boom fiddle and then from forward to aft back through the large sheave and cam cleat fairlead on the slide fiddle. Tie a Figure 8 knot to prevent the mainsheet from unreeving.

F. RIGGING THE RUDDER AND DAGGERBOARD

- 1) The spring-loaded, patented kick-up type rudder is attached to the stainless steel bracket on the transom as follows: First, press pin upward until shoulder at top is exposed. Then, fit pin into slots at top and bottom of bracket. Release tension, seating pin securely. To remove, reverse procedure. To raise rudder, grasp blade and push upward. To lower, push tiller toward stern, keeping it horizontal to the deck.
- 2) The daggerboard is inserted into the daggerboard trunk angled edge forward (toward the bow). A daggerboard retention line is provided with *your* boat to prevent loss of the board in the event of a capsize. Simply secure one end of the line to the eye installed on the boat at the forward end of the daggerboard slot. Tie the other end through the small hole in the board, making sure that the line is long enough to allow complete removal of the board from the daggerboard slot.

G. HOISTING THE SAIL

- 1) Attach the clew of the sail to the hook fastened to the rod on the end of the boom.
- 2) Hoist the sail with the halyard until the wire tail passes through the halyard latch. Holding the halyard aft, let the sail down until the metal sleeve on the wire tail hooks into the halyard latch. To lower the sail, hold the halyard close to the mast, pull the sail up until the tail unhooks and then lower by pulling the sail down.

CAUTIONS

- A. Keep vent hole in forward end of the cockpit tub clear to insure equalization of hull pressure.
- B. Release outhaul hook when boat is beached or docked.
- C. Flush all moving parts with fresh water after use.
- D. When trailering or car-topping, make certain the hull is well-supported. Distribute load on large, well-fitted, padded bunks.
- E. Make sure the drain mounted on the starboard deck is closed while sailing.
- F. Your Super Sunfish sailboat is designed and built for use in protected waters. It should not be used in conditions where high wind and/or heavy seas prevail.
- G. You should always wear a coast guard approved flotation device while sailing your boat.

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Super Sunfish®

PARTS PRICE LIST
(EFFECTIVE SEPTEMBER 1, 1983)



PART ORDER NO.	DESCRIPTION	SUGG. RETAIL EACH	PART ORDER NO.	DESCRIPTION	SUGG. RETAIL EACH
33040039	SAIL — SHADOW	\$217.50	66644	TILLER ONLY W/STRAPS	\$17.95
43017004	COAMING ORANGE	52.40	66645	RUDDER & TILLER ASSY.	80.70
43017006	COAMING BLUE	52.40	79014	POP RIVETS (50 Alum.)	2.80
42130	PLASTIC WASHER	.15	79020	BOW HANDLE	7.30
43054	SPRING POST	.50	79022	HALYARD CLEAT	4.30
43061	PLATE (INTERNAL BACK UP)	2.95	79023	EYESTRAPS (Bridle, Pr.)	2.60
43091	TILLER BRIDLE	4.40	79024	DRAIN PLUG W/HOUSING	2.60
43115	VANG ASSEMBLY	69.50	79025	FAIRLEAD HOOK	2.60
43181	OUTHHAUL SHACKLE	5.10	79042	GUDGEON BRACKET	8.45
43237	TENSION SPRING	1.40	79046	PINTLE & SPRING KIT	4.85
43314	MAINSHEET BLOCK/CLEAT	48.50	79047	PIVOT BOLT	1.40
43319	FIDDLE BLOCK	14.65	79049	RUDDER/TILLER BOLT	1.40
43604	BAILER, THREADED CAP ONLY	2.60	79051	DAGGERBOARD SPRING	.75
43606	BAILER, HOUSING ONLY	6.35	79209	TILLER STRAPS (Alum. Pr.)	5.80
43608	BAILER, 4 1/2" PLUG ONLY	2.50	79249	TILLER EXT. BOLT	3.60
43619	TRAVELER ROLLER SLIDE	30.00	79258	TRAVELER ASSY. W/CLEATS	123.20
44126	OUTHHAUL HOOK	4.05	79260	BAILER COMP. (Plastic)	10.30
60881	HULL W/HARDWARE	1068.00	79282	MAST TOP CAP	18.10
62231	LINE BAG W/BLOCKS	155.25	79284	HALYARD LATCH	5.55
62413	MAST TOP SECTION	52.75	79285	MAST STOP COLLAR	4.70
62414	MAST LOWER SECTION	109.25	79288	CONTROL RING	17.30
62415	BOOM	83.65	79287	MAST BASE CAP	3.30
62638	OUTHHAUL WIRE ASSY.	12.80	79288	OUTHHAUL ROD	14.65
62639	MAINSHEET	13.90	79289	OUTHHAUL ROD EYE	3.60
62651	OUTHHAUL LINE	6.10	79290	CHEEK BLOCK ASSEMBLY	10.60
62652	CUNNINGHAM LINE	8.75	79292	BOOM END CAP	4.40
62656	TRAVELER LINES, PR.	5.80	79293	BOOM GOOSENECK CAP	13.25
62658	HALYARD ASSEMBLY	21.20	79294	BULLSEYE FAIRLEAD	2.95
62667	BATTEN SET	10.30	79303	DOUBLE CLAM CLEAT	17.60
64106	TILLER EXTENSION	6.30	79304	COAMING CLAM CLEAT	6.50
64111	RUDDER BLADE	31.20	79311	DB RETENTION LINE KIT	3.30
65015	DRAIN PLUG ONLY	1.85	79326	GOOSENECK PIN W/BOLT	19.75
65092	SUCTION CUP ASSY. PORT	15.40	79327	GOOSENECK BRACKET	25.30
65093	SUCTION CUP ASSY. STBD.	15.40	79328	GOOSENECK BRACKET W/PIN	38.15
65094	TRAVELER TUBE	10.05	79332	BAILER BALL W/WASHER	.60
66617	RUDDER CHEEK ASSY.	21.65	79334	ALUMINUM TRIM (5 FT.)	5.30
66618	DAGGERBOARD	47.75	Option		
66620	RUDDER ASSEMBLY	53.50	66673	SUPER DAGGERBOARD	67.85
66643	TILLER & EXT. ASSY.	26.45			

When ordering any AMF Alcott part, the part number must be included.
 Minimum Orders \$75.00 Dealer Net. Less than minimum orders are subject to a 10% surcharge.
 All prices and specifications subject to change without notice. Prices in effect at time of shipment will prevail.
 AMF Alcott products are shipped, F.O.B., Waterbury, Conn.

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